2016 Compendium of Philippine Environment Statistics

REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY

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FOREWORD

The **Compendium of Philippine Environment Statistics (CPES)** is one of the publications of the Philippine Statistics Authority (PSA) which aims to provide information for planning, policy, program and project formulation for the environment and environment-related issues.

The 2016 CPES is a compilation of statistical tables collected from various government agencies and from different statistical publications. The statistical data in this publication is based on the Framework for the Development of Environment Statistics (FDES) approved by the United Nations Statistical Commission in 2013. It is focused on the core set of environment statistics of the six components of the FDES, namely: (1) environmental conditions and quality, (2) environmental resources and their use, (3) residuals, (4) extreme events and disasters, (5) human settlements and environmental health, and (6) environment protection, management and engagement.

The preparation of this publication would not have been possible without the valuable assistance and cooperation of the different source agencies. We take this opportunity to acknowledge the unwavering support and cooperation of our partner agencies and data sources for making the 2016 edition of the CPES possible.

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December 2018

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LIST OF DATA SOURCES

Department of Agriculture
- Bureau of Soils and Water Management

Department of Budget and Management

Department of Energy

Department of Environment and Natural Resources
- Biodiversity Management Bureau
- Environmental Management Bureau
  - Environmental Quality Division
    - Air Quality Management Section
    - Hazardous Waste Management Section
    - Water Quality Management Section
  - Solid Waste Management Division
- Forest Management Bureau
- Laguna Lake Development Authority
- Mines and Geosciences Bureau
- National Mapping and Resource Information Authority
- National Water Resources Board

Department of Health

Department of Science and Technology
- Philippine Atmospheric, Geophysical and Astronomical Services Administration

Department of Transportation
- Land Transportation Office

Metropolitan Waterworks and Sewerage System
- Maynilad Water Services Inc.

National Solid Waste Management Commission

National Disaster Risk Reduction and Management Council

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LIST OF ACRONYMS AND ABBREVIATIONS

A&D	Alienable and Disposable
AAS	Atomic Absorption Spectrophotometry
ARMM	Autonomous Region of Muslim Mindanao
ASEAN	Association of Southeast Asian Nations
BDO	Biochemical Oxygen Demand
BMB	Biodiversity Management Bureau
BSWM	Bureau of Soil and Water Management
CAR	Cordillera Administrative Region
CALABARZON	Cavite, Laguna, Batangas, Rizal, and Quezon
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CRED-EMDAT	Centre for Research on the Epidemiology of Disasters - Emergency Events Database
DA	Department of Agriculture
DAO	Department Administrative Order
DBM	Department of Budget and Management
DENR`	Department of Environment and Natural Resources
DILG	Department of Interior and Local Government
DO	Dissolved Oxygen
DOE	Department of Energy
DOH	Department of Health
DPWH	Department of Public Works and Highways
EEA	Experimental Ecosystem Accounting
EMB	Environmental Management Bureau
EBT	Energy Balance Table
E. O.	Executive Order
FAO	Food and Agriculture Organization

FMB	Forest Management Bureau
GHG	Greenhouse Gas
GOCC	Government-Owned and Controlled Corporations
IHO	International Hydrographic Organization
ITTO	International Tropical Timber Organization
JICA	Japan International Cooperation Agency
LLDA	Laguna Lake Development Authority
LTO	Land Transportation Office
MGB	Mines and Geosciences Bureau
MIMAROPA	Occidental Mindoro, Oriental Mindoro, Marinduque, Romblon, and Palawan
NAAQGV	National Ambient Air Quality Guideline Value
NAMRIA	National Mapping and Resource Information Agency
NCR	National Capital Region
NDRRMC	National Disaster Risk Reduction & Management Council
NIPAS	National Integrated Protected Areas
NSCB	National Statistical Coordination Board
NWRB	National Water Resource Board
PAGASA	Philippine Atmospheric, Geophysical and Astronomical Services Administration
PM	Particulate Matter
Proc.	Proclamation
PSA	Philippine Statistics Authority
R. A.	Republic Act
SDG	Sustainable Development Goals
SEEA	System of Environmental-Economic Accounting
SOCCSKSARGEN	South Cotabato, Cotabato, Sultan Kudarat, Sarangani, and General Santos
SUC	State Universities and Colleges

TPES	Total Primary Energy Supply
UN	United Nations
UNEA	United Nations Environment Assembly
UNFCC	United Nations Framework Convention on Climate Change
UNFDES	United Nations Framework for the Development of Environment Statistics
UNFF	United Nations Forum on Forests
CO	Carbon Monoxide
CO_2	Carbon Dioxide
cu. m.	cubic meter
DMT	dry metric tonne
g/t	grams per tonne
has	hectares
kg	Kilogram
kTOE	kilotonne of oil equivalent
lps	liters per second
MT	metric tonne
MCM	million cubic meters
m.cu.m/y	million cubic meters per year
mg/L	milligrams per liter
mg-N/L	milligrams-Nitrogen per liter
mm/y	millimetres per year
m.t.	metric tons
MPN/100 mL	most probable number per 100 milliliter
ppm	parts per million
sq.m.	Square meter
ug	microgram
ug/ncm	microgram per normal cubic meter

INTRODUCTION

The Philippines started compiling environment accounts and statistics in 1991 through the projects on environmental and natural resources accounting. The first project, the Environmental and Natural Resources Accounting Project (ENRAP), was funded by the US Agency for International Development (USAID).

In 1995, another environmental accounting project was implemented under the United Nations Development Programme's (UNDP) Country Programme on Integrated Environmental Management for Sustainable Development (IEMSD). The Environmental and Natural Resources Accounting (ENRA) component of the programme adopted the UN System of Integrated Environmental and Economic Accounting (SEEA) framework, a satellite accounting framework of the System of National Accounts (SNA).

The ENRA project built on the earlier works of ENRAP that resulted in the successful compilation of five asset accounts (fishery, forest, minerals, land and soil, and water resources) and accounts on environmental degradation brought about by several economic activities namely: palay farming, aquaculture, tuna canning, textile manufacturing, petroleum refining, etc.

The environmental accounting projects of the DENR and NSCB paved the way for the development of a database for environmental accounting and statistics as well as for the generation of a number of parameters/assumptions through the conduct of special studies.

Recognizing the lack of an organized and integrated framework in the collection and utilization of environment statistics, a project funded by the Asian Development Bank (ADB), developed the **Philippine Framework for the Development of Environment Statistics** (PFDES) based on the 1984 United Nations FDES. The project resulted to the publication of the first edition of the Compendium of Philippine Environment Statistics (CPES) in 2000.

The PFDES provided a systematic approach to the development of environment statistics and was an instrument by which data coming from various data collecting institutions were compiled and integrated in such a way as to be more useful in the formulation and valuation of socio-economic and environmental programs and policies. The FDES relates each component of the environment (Flora, Fauna, Atmosphere, Water, Land and Soil, Mineral and Energy Resources and Human Settlements) to four information categories, namely, (1) social and economic activities and natural events; (2) environmental impacts of activities and events; (3) responses to environmental impacts; and (4) stocks and inventories. The former NSCB released a total of five CPES publications based on the 1984 FDES.

With the endorsement at the Forty Fourth (44^{th}) Session of the UN Statistical Commission of the revised FDES or FDES 2013, the Philippine Statistics Authority through the locally funded Philippine Economic-Environment and Natural Resources Accounting (PEENRA) project embarked on updating CPES based on the 2013 FDES. The first updated CPES was published in January 2015.

The CPES publication is a compilation of statistics and other information by the Philippine Statistics Authority (PSA) that focuses on the core set of statistics of the Basic Set of Environment Statistics. The Basic Set of Environment Statistics is organized into a structure of six components namely: environmental conditions and quality; environmental resources and their use; residuals; extreme events and disasters; human settlements and environmental health; and environment protection, management and engagement.

The core set of environment statistics is aimed to serve as an agreed, limited set of environment statistics that are of high priority and relevance to most countries. It is intended to foster collection, coordination and harmonization of environment statistics at the national, regional and international levels.

The 2013 FDES identified a total of 100 core sets of environment statistics spread over the six components: Component 1 with thirty-two; Component 2, thirty; Component 3, nineteen; Component 4, four; Component 5, twelve; and Component 6, three.

While the PSA tried to compile all the core sets of environment statistics which are applicable to the Philippines, only 68 sets were compiled based on data availability. For Component 1, a total of nineteen sets were generated; Component 2, twenty-three; Component 3, fourteen; Component 4, four; Component 5, five; and Component 6, three. An improvement in this publication is the addition of Tier 2 and Tier 3 statistics. A total of seven Tier 2 statistics, four for Component 1 and three for Component 4, and one Tier 3 statistics for Component 4 were likewise included.

Moreover, the glossary of terms used in the compendium is included as a supplementary part of the publication. The inclusion of the glossary is a way by which the usefulness of the statistics presented in the compendium is enhanced. As work on the improvement and institutionalization of the 2013 FDES continues, it is hoped that the coverage would be expanded by including more tier 2 and tier 3 statistics, especially those that are related to the indicators of the Sustainable Development Goals (SDGs). Also, it is expected that the terms would be standardized to conform with internationally accepted definitions, while at the same time maintaining relevance to the local situation.

The 2013 Framework for the Development of Environment Statistics (FDES)*

A Framework for the Development of Environment Statistics (FDES) was first published in 1984 by the United Nations Statistics Division (UNSD). The 1984 FDES has been a useful framework for guiding countries in the development of their environment statistics programmes. It relates the components of the environment (Flora, Fauna, Atmosphere, Water Land and Soil, Mineral and Energy Resources and Human Settlements) to four information categories namely: (1) Social and economic activities and natural events; (2) Environmental impacts of activities and events; (3) Responses to environmental impacts; and, (4) Stocks and inventories.

During the time since its publication there have been many scientific, political, technological, statistical, experience-based developments and more particularly environmental concerns which suggested that the FDES was ready for revision.

As a consequence, the United Nations Statistical Commission, at its 41st session (23-26 February 2010), endorsed a work programme and the establishment of an Expert Group for the revision of the FDES and the development of a Core Set of Environment Statistics. In its forty fourth (44th) session, the United Nations Statistical Commission endorsed the revised FDES as a useful tool to adequately respond to the increasing demand for information in the follow-up to Rio+20 and the post 2015 development agenda (including Sustainable Development Goals).

The FDES is based on a conceptual foundation that considers people and their demographic, social and economic activities (the human sub-system) as integral parts of, and interacting with, the environment.

FDES 2013 is a flexible, multi-purpose conceptual and statistical framework that is comprehensive and integrative in nature and marks out the scope of environment statistics. It provides an organizing structure to guide the collection and compilation of environment statistics at the national level, bringing together data from the various relevant subject areas and sources. It is broad, comprehensive and integrative. It covers the issues and aspects of the environment that are relevant for policy analysis and decision making, which can further be applied to inform about cross-cutting issues such as climate change.

It is expected to contribute significantly to improved monitoring and measurement of the environmental dimension of sustainable development and to the post-2015 development agenda. The use of the FDES 2013 in national statistical systems will enhance developments in this field of statistics, as it is both a multi-purpose and flexible tool that can be tailored to specific environmental policy concerns and priorities of the countries, as well as accommodate their different levels of statistical development.

The FDES 2013 covers issues and aspects of the environment that are relevant for analysis, policy and decision making. It is designed to assist countries in the formulation of environment statistics programmes by: (i) delineating the scope of environment statistics and identifying its constituents; (ii) contributing to the assessment of data requirements, sources, availability and gaps; (iii) guiding the development of multipurpose data collection processes and databases; and (iv) assisting in the co-ordination and organization of environment statistics, given the inter-institutional nature of the domain.

*Lifted from United Nations 2013 Framework for the Development of Environment Statistics (FDES)

It organizes environment statistics into a structure of six components (see Figure 1). The first component brings together statistics related to the conditions and quality of the environment and their change. The second component group together statistics related to environmental resources and their use (ecosystem provisioning services, land and subsoil resources). The third component includes statistics related to the use of regulating services of the environment for the discharge of residuals from production and consumption processes. Statistics related top extreme events and disasters (both natural and technological) and their impact are covered by the fourth component. The fifth component brings together statistics related to human settlements and environmental health. The sixth component group statistics relevant top societal responses and economic measures aimed at protecting the environment and managing environmental resources. Environmental conditions and quality (Component 1) is at the center of the FDES. The other five components have been set up based on their relationship with the central Component 1.

Each of the components is broken down into subcomponents that in turn contain relevant statistical topics. The statistical topics represent the measurable aspects of the components of the FDES taking into account the types and sources of the data needed for their description. The final level contains the actual individual environment statistics.

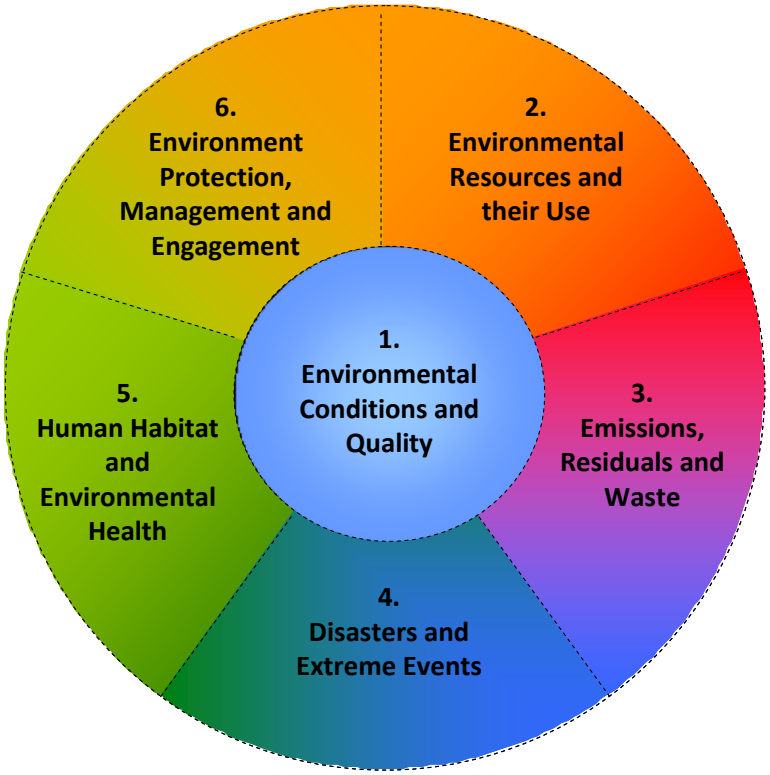


Figure 1. Structure of FDES 2013

The FDES lists the most important environment statistics to describe the statistical topics thus providing guidance to countries developing national environment statistics programs. The statistics included in the Basic Set are comprehensive but neither exhaustive nor the only possible ones for assessment of the statistical topics. They should be considered a set of statistics which can assist in making decisions on priorities for statistical development. In order to do so, the Basic Set of Environment Statistics has been set up following a progression of three tiers, based on the level of relevance, availability and methodological development of the statistics.

Tier 1 is the Core Set of Environment Statistics which represents a broad consensus of opinion on the pertinence and feasibility of these statistics; as such, it is intended to foster collection, coordination and harmonization of environment statistics at the national, regional and international levels. The objective of the Core Set is to serve as an agreed, limited set of environment statistics that are of high priority and relevance to most countries.

Tier 2 includes environment statistics which are of priority and relevance to most countries but need more significant investment in time, resources or methodological development, so countries are recommended to consider producing them in the medium-term.

Tier 3 includes environment statistics which are either of less priority or require significant methodological development, so countries are recommended to consider producing them in the long-term.

The statistical topics in the FDES, and the underlying environment statistics in the Core Set of Environment Statistics and the Basic Set of Environment Statistics, can be combined and reorganized in different ways according to specific analytical needs and policy requirements e.g., climate change, energy and the environment, agriculture and environment, sustainable management of natural resources or environmental impacts of specific activities, i.e., tourism, poverty, manufacturing, etc. This is an inherent aspect of the design of the FDES as a flexible multi-purpose framework.

Compilation of environment statistics focused on a particular cross-cutting issue should commence with the understanding of the scientific background, underlying processes and cause-effect relationships. Furthermore, it is necessary to analyze and understand its relevance to the country and to particular sub-national areas, productive sectors and social groups, its national policy implications and commitments, as well as the institutional aspects and the international context. The statistics for describing the selected cross-cutting issues should be organized based on a logical sequence of events that illustrate the relevant related processes. These sequences resemble the occurrence of events, according to the nature of the issue itself. In each case, the correspondence of these sequences with the FDES structure is described.

Component One

Environmental Conditions and Quality

COMPONENT ONE

ENVIRONMENTAL CONDITIONS AND QUALITY

The environment provides goods and services essential to human well-being. The human sub-system uses the environment for habitat, to obtain important physical resources and as a recipient or sink for various residuals. Human societies, as well as their production and consumption patterns, affect the quality and condition of the environment, its natural processes and its capacity to provide goods and services *(UN FDES, 2013)*. The changing environment, in turn, affects humans in different ways over time. Hence, Environmental Conditions and Quality is central to the Framework for the Development of Environment Statistics (FDES) including five other components which were established based on their relationship with Component One.

This component covers statistics on the physical, biological and chemical characteristics of the environment and their changes over time. These are strongly interrelated fundamental background conditions that determine the types, extent, conditions, and health of ecosystems. Environmental condition refers to the state of the environment at a given time point. Environmental quality on the other hand refers to a measure of the condition of the environment relative to a requirement or threshold of one or more species or to any human need or purpose.

Statistics gathered for Component One are useful in compiling environmental accounts as described in the System of Environmental Economic-Accounting (SEEA). Particularly, Component 1 is closely related to the SEEA Experimental Ecosystem Accounts (SEEA-EEA). The SEEA-EEA is a companion to the SEEA Central Framework which extends the accounting to the measurement of flows of services to society that ecosystems provide, as well as to the measurement of ecosystem capital in terms of the capacity and changes in ecosystems providing those services in physical terms. It describes the valuation of ecosystems insofar as it is consistent with the market valuation principles of the System of National Accounts *(SEEA-CF, 2012)*.

In addition to its links with the SEEA, statistics collected for Component One are inputs to the indicators in monitoring the Sustainable Development Goals (SDGs). These include the following: Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture; Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all; Goal 13: Take urgent action to combat climate change and its impacts; Goal 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development; and Goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse *(Sustainable Development Knowledge Platform)*.

Component One consists of three sub-components, namely: Physical Conditions; Land Cover, Ecosystems and Biodiversity; and Environmental Quality. The Compendium of Philippine Environment Statistics (CPES) 2016 compiled nineteen (19) out of the thirty-two (32) core statistics. Additionally, four (4) Tier 2[1] statistics were compiled for sub-component 3: Environmental Quality. The core statistics on coastal area and some indicators on soil characteristics, air quality, freshwater quality and marine water quality were not yet included in the current publication due to data unavailability.

[1] Tier 2 statistics includes environment statistics which are of priority and relevance to most countries but requires greater investment of time, resources or methodological development.

1.1 Physical Conditions

This subcomponent aims to capture the physical aspect of the environment and focuses on statistics on the meteorological, hydrographical, geological and geographical conditions and soil characteristics. Compilation of this subcomponent is important as it can assist in determining the scope and influences on the environmental resources of a country. Furthermore, these statistics provide baseline information that may aid the government in assessing the need for and the effectiveness of environment-related policies.

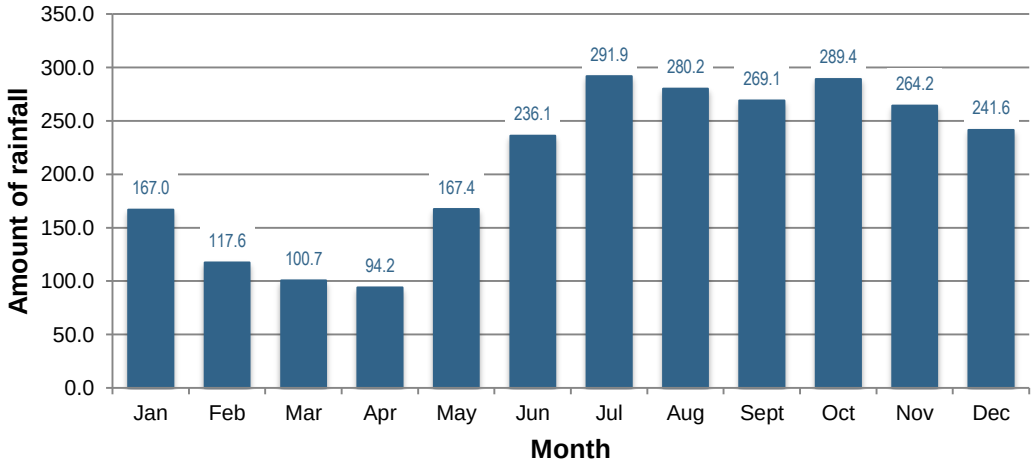
Physical Conditions is linked to the SEEA Ecosystem Condition. For the CPES 2016 compilation, the Philippine Atmospheric Geophysical and Astronomical Services Administration (PAGASA), the Department of Environment and Natural Resources (DENR), the National Mapping and Resource Information Authority (NAMRIA) and the Bureau of Soils and Water Management (BSWM) were the main sources of data.

1.1.1 Atmosphere, Climate and Weather

This topic covers data on atmospheric, climatic and weather conditions across territories and over time. Weather describes the atmosphere's behavior over a short period of time while climate is determined by long term weather conditions, both of which are recorded through monitoring stations. Information about the atmosphere, climate, and weather is important to understand the conditions and trends to explain other phenomena such as ecosystem change, biodiversity and living conditions, among others.

In general, the Philippine climate has two seasons: rainy season, which lasts from June to December, and dry season, from January to May. From 1981 to 2010, the average amount of rainfall ranged from 236 to 292 millimeters per month during rainy season; and at 94 to 167 millimeters per month during the dry season. As seen in Figure 1.1, the average amount of rainfall changes throughout the year, with months January to May, observed as relatively lower. Moreover, the month of July had the highest recorded average amount of rainfall (291.9 millimeters), while the month of April had the lowest average (94.2 millimeters).

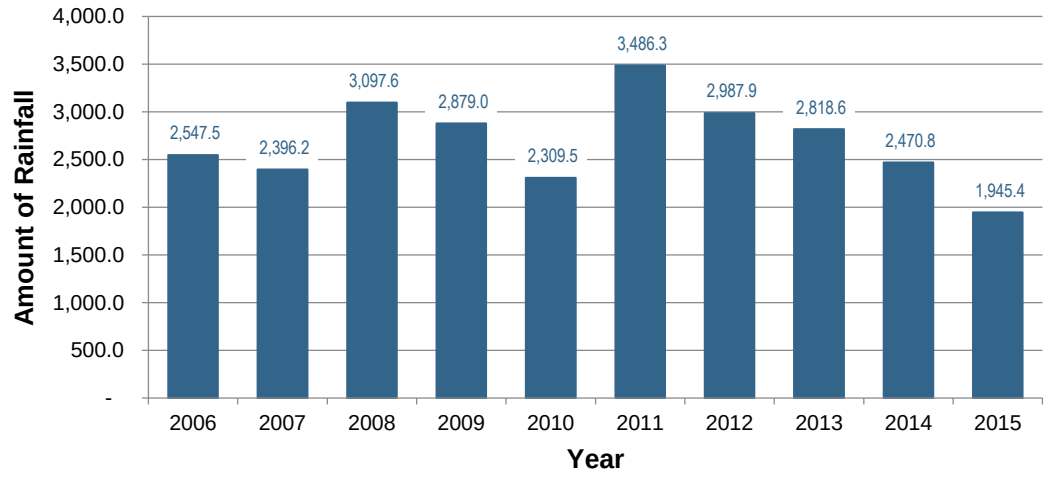
Figure 1.1. Average Monthly Rainfall from 1981 to 2010, in millimeters



Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration

The rainfall distribution throughout the Philippines varies depending on the direction of the moisture-bearing winds and the location of the mountain systems *(PAGASA)*. Based on Figure 1.2, the annual average amount of rainfall fluctuated from 2006 to 2010 while decreasing from 2011 to 2015. The year 2011 had the highest recorded average of 3,486 millimeters while the year 2015 had the lowest average at 1,954 millimeters. Also, the average amount of rainfall in 2015 was less than that of 2014 by 525 millimeters.

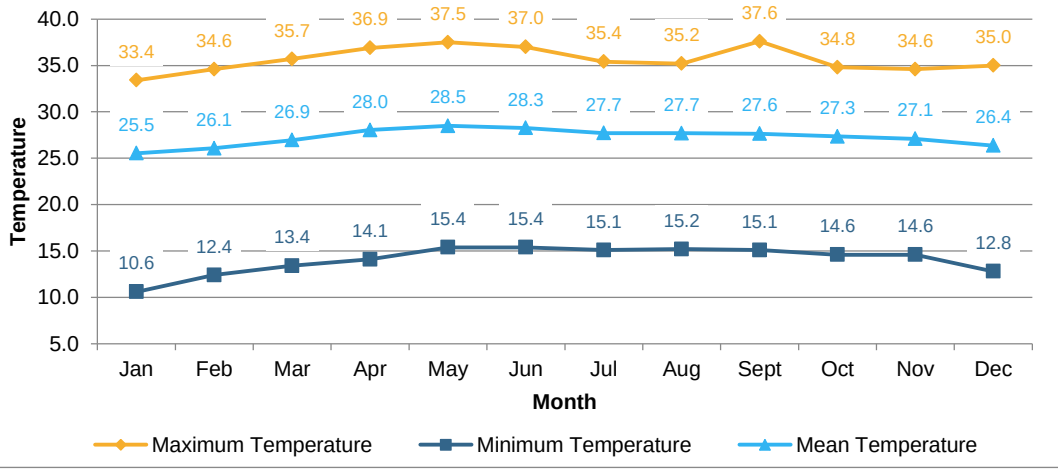
Figure 1.2 Annual Average Rainfall of Selected Stations from 2006 to 2015, in millimeters



Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration

From Figure 1.3, the maximum, mean, and minimum temperatures follow the same trend, increasing from January to May; and decreasing from June to December. However, there were sudden increases in the trend of maximum temperature in September and December. Overall, the minimum temperature recorded was 10.6 degrees Celsius; while the maximum was 37.6 degrees Celsius. The coolest month was recorded as January with an average of 25.5 degrees Celsius, while the warmest month was May with an average temperature of 28.5 degrees Celsius.

Figure 1.3 Monthly Maximum Temperature, Monthly Mean Temperature, and Monthly Minimum Temperature of Selected Stations from 2006 to 2015, in degrees Celsius



Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration

1.1.2 Hydrographical characteristics

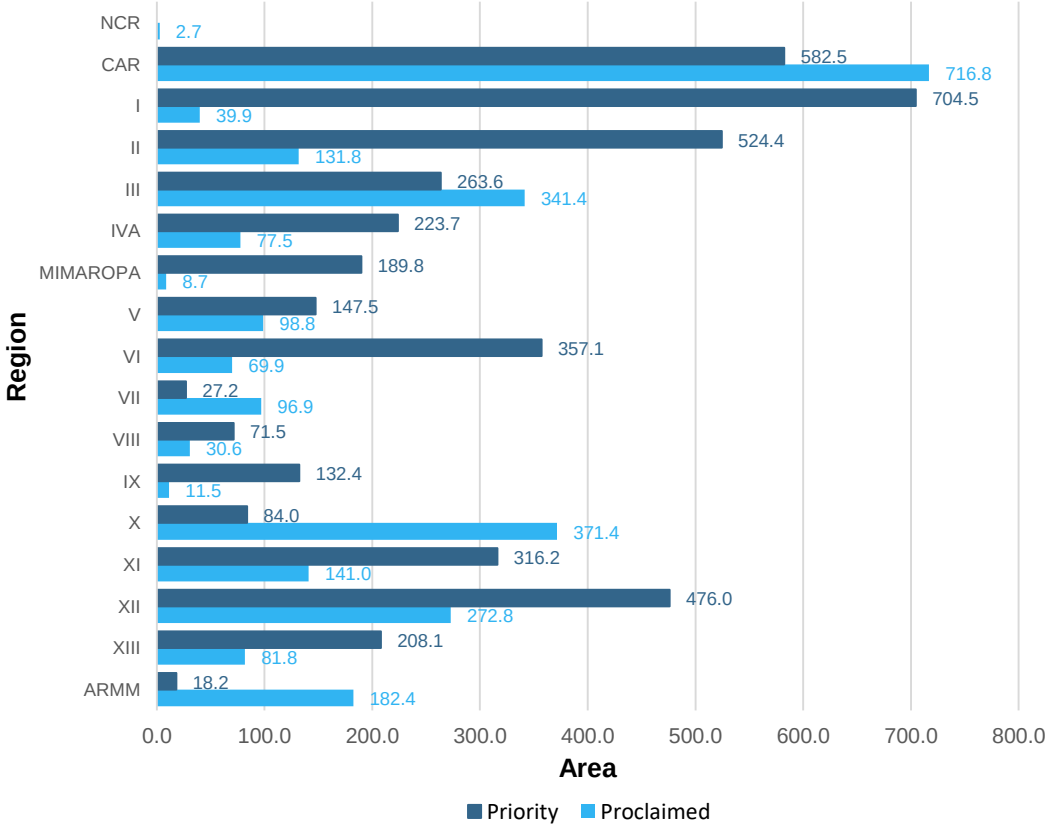
Hydrographical characteristics include information on the location, extent and characteristics of lakes, rivers, and streams, artificial reservoirs, watersheds, seas and aquifers. This information is compiled to serve as basis for understanding water and flows of water.

The core indicator for this topic relates to the description of main watersheds. Data compiled for CPES 2016 include area of proclaimed and protected watersheds by region. Proclaimed watersheds are those that were specifically designated for various purposes such as domestic water supply, irrigation, and power generation *(Forest Management Bureau, DENR)*. On the other hand, priority watersheds, also known as critical watersheds, are those where essential functions are already critically impaired or are likely to be critically impaired thus needing immediate rehabilitation *(Basics of Watershed Management, Mekong Watersheds Information)*.

As of 2015, the Cordillera Administrative Region (CAR) has the largest share in the total area of proclaimed watersheds in the country, although Region III (Central Luzon), with 28 proclaimed watersheds, has the most number. Meanwhile, the National Capital Region (NCR) has the least number, with only one watershed, and with the least share in the total area of proclaimed watersheds of only 2.7 thousand hectares.

Moreover, Region I (Ilocos Region) has the largest share on the total area of priority watersheds, although Region IV-A (CALABARZON), with its 24 priority watersheds, has the most number. On the other hand, NCR has no determined priority watershed.

Figure 1.4 Area of Proclaimed Watersheds by Region as of 2015, in thousand hectares



Source: Forest Management Bureau, Philippine Forestry Statistics 2015

1.1.3 Geological and Geographical Information

Geological and geographical information involves general geological and topographic information along with the characteristics of the country's territory and relief. This information is normally static, that is, it changes very slowly through time. It is helpful to present these statistics in a form of a map. Data for geological and geographical information are helpful to know the agreement on boundaries and understand geological events.

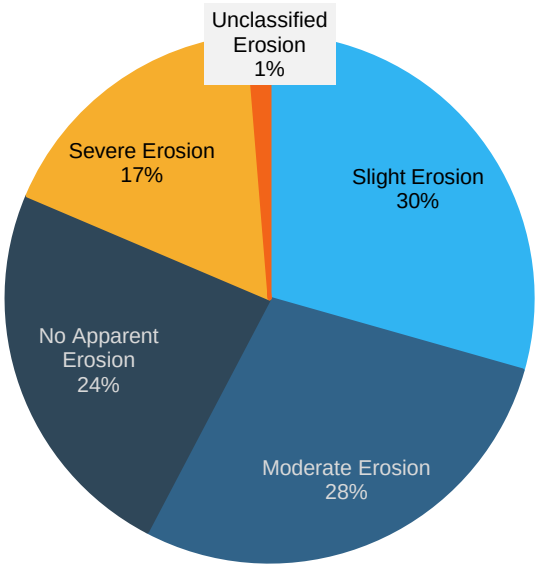
One of the core statistics for this subcomponent is the *area of country or region*. However, there is no available data yet for the total land area of the Philippines and its regions. The data on land cover classifications from NAMRIA, which is used for the core statistics *area under land cover categories* under subcomponent 1.2, can be used as a proxy indicator for this topic. This data is disaggregated by region and land cover categories. The latest available publication is as of 2010.

1.1.4 Soil Characteristics

Soil has many functions to the environment. It serves as base to support the production and cycling of biological resources, provides foundation for establishments, source of nutrients for forest and agricultural matters, and as habitat for other organisms. Based on the FDES, statistics for soil characteristics include soil types and soil degradation which are important in determining the soil's ability to sustain livelihood and human activities.

Based on the latest available data on soil erosion, most (8.8 million hectares) of the soil area of the country were slightly eroded, 8.5 million hectares (28 percent) were moderately eroded and 5.2 million hectares (17 percent) were severely eroded. On the same period, only 7.1 million hectares (24 percent) of the total land had no apparent erosion observed.

Figure 1.5. Area Distribution of Erosion Classes in 1993



Source: Bureau of Soils and Water Management

1.2 Land Cover, Ecosystems and Biodiversity

This subcomponent organizes the interrelated environment statistics on land cover, ecosystems and biodiversity, as well as their recordable changes over time and across locations. Land cover, as defined by the Food and Agriculture Organization (FAO), is the observed (bio)physical cover of the earth's surface. It is one of the indicators of ecosystem type. Ecosystems are community of organisms which have interacting and interdependent relationship. Biodiversity, a measure of ecosystem health, is the variability among living organisms from all sources including terrestrial, marine and other aquatic ecosystems and the ecological complexes of which they are part, including diversity within species, between species and of ecosystems. Biodiversity is a fundamental characteristic of ecosystems, while variability among ecosystems is a fundamental driver of biodiversity.

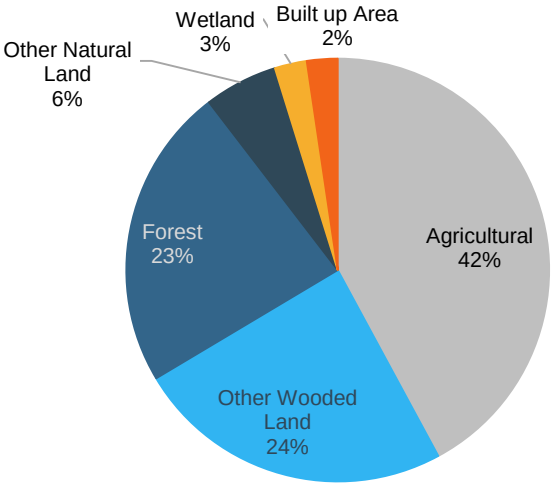
Statistics for this subcomponent are linked to the SEEA Ecosystem Extent, Condition and Biodiversity. For the CPES 2016 compilation, NAMRIA, DENR, specifically the Biodiversity Management Bureau (BMB) and the Forest Management Bureau (FMB) were the main sources of data.

1.2.1 Land Cover

Statistics on land cover include the land area and the area under inland water, coastal water bodies and inter-tidal areas, excluding marine water. It is important to compile data on land cover because human activities are the main drivers in the change of land cover.

As of 2010, the Philippines has about 12.4 million hectares of agricultural land (42 percent), which is the largest share in the country's total land cover area. Other wooded land, which includes areas classified as fallow, shrubs, and wooded grassland, is the second largest land cover, having 7.2 million hectares (24 percent). Forest land is the third largest land cover with an area of 6.8 million hectares (23 percent). Built up area has the smallest land area of only 692 thousand hectares (2 percent).

Figure 1.6 Area Distribution of Land Cover as of 2010



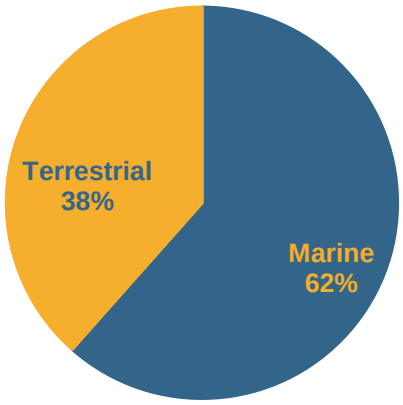
Source: National Mapping and Resource Information Authority

1.2.2 Ecosystems and Biodiversity

Statistics related to ecosystems and biodiversity are critical given the increasing understanding of the role ecosystems play in human well-being and the evidence of biodiversity loss across the planet. Maintaining biodiversity and ecosystem health is necessary to preserve the genetic and ecosystem inheritance of a country, as well as its ecological productivity. This also protects, subsequently, the productivity of ecosystems for the use of the economy and society, which depend heavily on the diversity of ecological systems for human livelihoods (e.g., production, distribution and consumption).

From Figure 1.7, protected areas under the National Integrated Protected Areas System (NIPAS) in the terrestrial ecosystem have larger total area (62 percent) than those in the marine ecosystem (38 percent). Terrestrial ecosystem has 84 protected areas comprising almost 2.2 million hectares. On the other hand, marine ecosystem has 29 protected areas of approximately 1.4 million hectares.

Figure 1.7 Area Distribution of Protected Areas under NIPAS by Ecosystem Type as of 2015

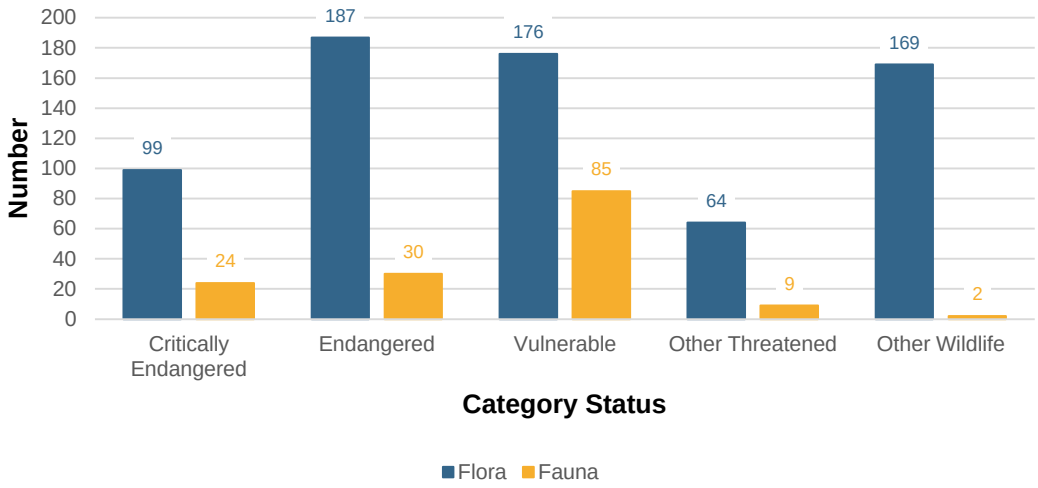


Source: Biodiversity Management Bureau

In the Philippines, the DENR released two administrative orders numbered: 2005-14 with the subject of establishing the list of terrestrial threatened species and their categories, and the list of other wildlife species pursuant to Republic Act No. 9147, and 2007-01 with the subject of establishing the national list of threatened Philippine plants and their categories, and the list of other wildlife species. Based on these, 187 flora species (27 percent) are endangered, 176 (25 percent) are vulnerable, and 169 (24 percent) are other wildlife[2]. For the fauna species, 85 (57 percent) are vulnerable, 29 (19 percent) are endangered, and 24 (16 percent) are critically endangered *(Figure 1.8)*.

[2] Other wildlife are those non-threatened species but have the tendency to become threatened due to habitat destruction or other similar causes

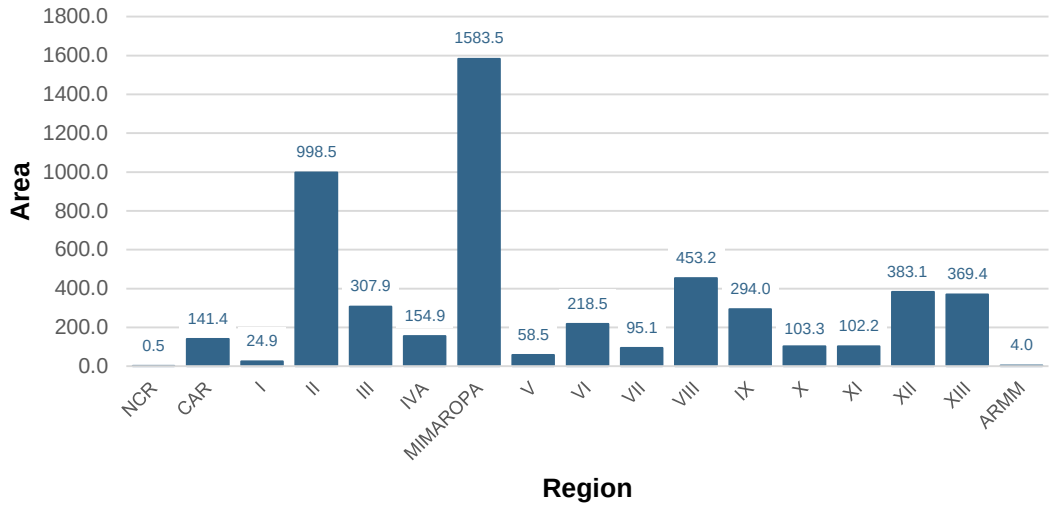
Figure 1.8. Number of Threatened Flora and Fauna by Category Status



Source: Department of Environment and Natural Resources

As of 2012, MIMAROPA has the largest share in the total area of proclaimed protected areas (PA) in the Philippines, which is also the only region having more than one million hectares. However, in terms of the number of proclaimed protected areas in the country, both Region III (Central Luzon) and Region V (Bicol) have the most, with 25 proclaimed PAs each. On the other hand, the National Capital Region (NCR) has the least number, with only 3 PAs and has also the smallest share in the total area with only around 500 hectares *(Figure 1.9)*.

Figure 1.9. Area Distribution of Protected Areas in the Philippines as of 2012, in thousand hectares



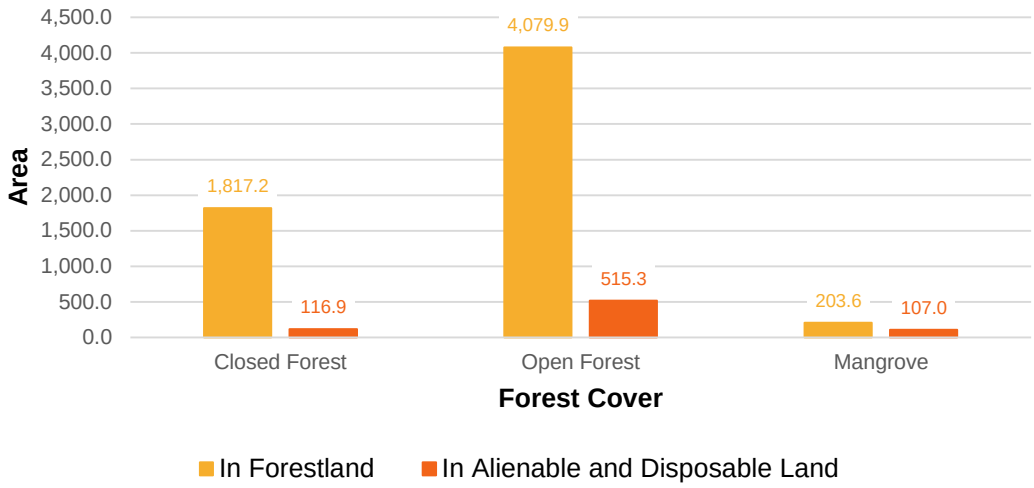
Source: Biodiversity Management Bureau

1.2.3 Forests

Forests provide livelihoods for millions of people around the world. They offer timber, food, shelter, fuel and medicinal products, and also perform significant ecosystem functions such as hydrological regulation, soil protection and biodiversity protection, and act as carbon sinks. The core statistic under this topic is the total forest area.

As seen in Figure 1.10, open forest comprises 67.2 percent of the total forest area in the country. It has a total of 4.5 million hectares wherein 94 percent is in forestland and the remaining six percent is in alienable and disposable (A&D) land. Closed forest has a total of 1.9 million hectares or 28 percent of the total forest area. This cover has more area in forestland than in A&D land. Lastly, Mangrove forest has the least area of about 203.6 thousand hectares or only 4.5 percent of the total forest area in the country.

Figure 1.10. Area Distribution of Forest Cover as of 2010, in thousand hectares



Source: Department of Environment and Natural Resources

1.3 Environmental Quality

Environmental quality deals with the concentration of pollutants in the environment which results from combined and cumulative impacts of human and natural processes. Statistics on environmental quality are important in monitoring pollution impacts to human sub-system and ecosystems.

Statistics for this subcomponent are linked to the SEEA Ecosystem Condition. For the CPES 2016 compilation, the Air Quality Management Section and the Water Quality Management Section of the Environmental Management Bureau, and the Laguna Lake Development Authority were the main sources of data.

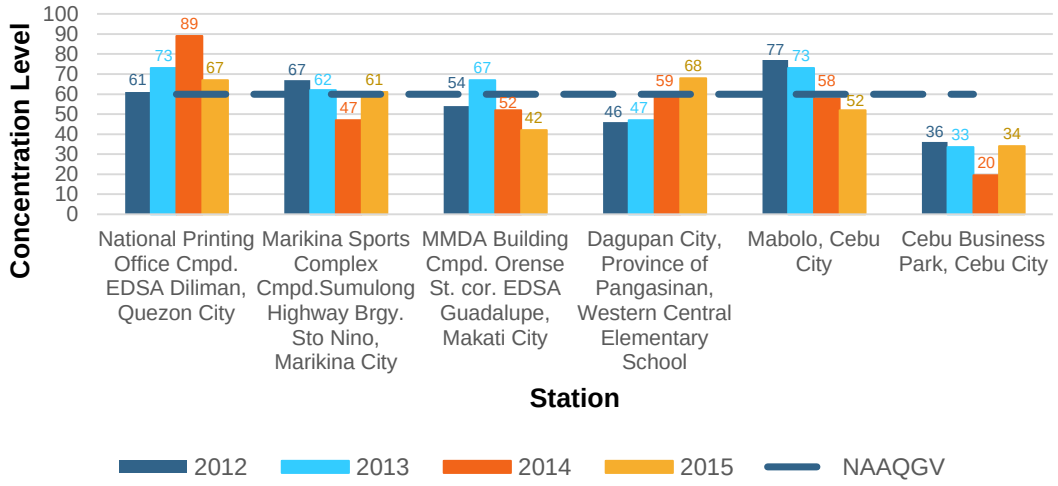
1.3.1 Air Quality

Concentration of air pollutants, suspended solid particles, and other gases are the statistics compiled for this subcomponent. Air quality is measured by monitoring stations which are located mostly near the major sources of pollution. Compilation of these statistics is important to assess the effects of air quality to human and ecosystem health.

Only six out of 73 monitoring stations have complete data on particulate matter 10 (PM_{10}) for years 2012 to 2015. Among these six, Cebu Business Park is the only station that did not exceed 60 microgram per Normal cubic meter (µg/Ncm), which is the annual average for the National Ambient Air Quality Guideline Value (NAAQGV) for PM_{10}.

Meanwhile, monitoring station in the National Printing Office had the most number of exceedances in the guideline for the past four years *(Figure 1.11)*.

Figure 1.11 Concentration Levels of Particulate Mater 10 (PM10) from 2012 to 2015, in micrograms per normal cubic meter



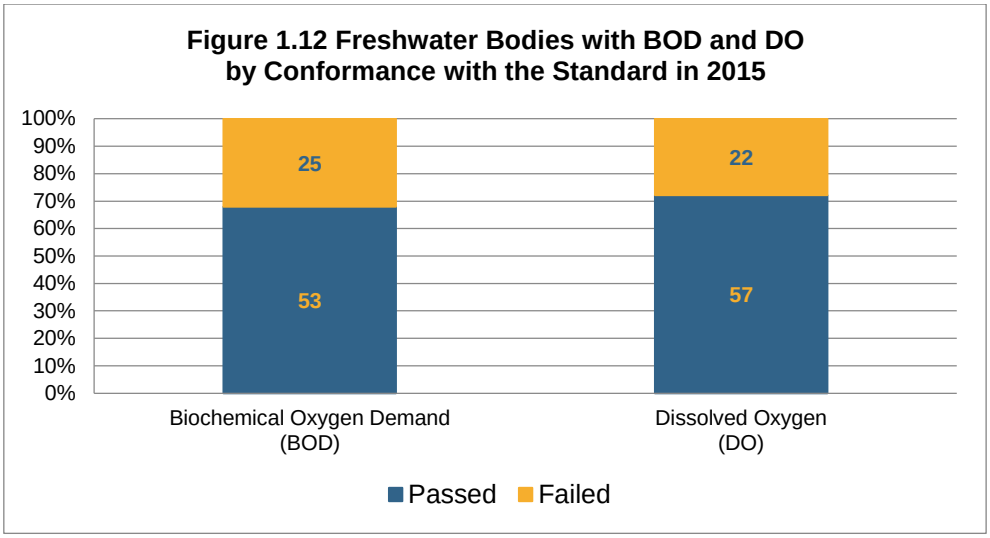
Source: Environmental Management Bureau

1.3.2 Freshwater Quality

Humans and ecosystems cannot survive without sufficient quantities of good quality of freshwater. The quality of freshwater can be described based on the concentrations of nutrients, organic matter, pathogens and contaminants in surface and ground water. Data on water quality are gathered from monitoring stations. Compiling statistics on freshwater quality will be useful for identifying pollutants present in specific locations as well as determining if the quality conforms to the standards.

In the Philippines, the DENR released Department Administrative Order (DAO) No. 1990-34 containing the water classifications *(see Annex)* and water quality criteria for freshwater and marine water bodies. According to this, biochemical oxygen demand (BOD) level for class AA freshwater bodies should be less than one milligram per liter (mg/L) to pass the minimum conditions necessary to assure the suitability of water for its designated use or classification. Also, BOD level should be less than five mg/L for classes A and B, less than seven mg/L for class C, and less than 10 mg/L for class D. Out of 78 selected freshwater bodies in the country, 53 water bodies or 68 percent passed the said criteria while 25 water bodies or 32 percent failed, wherein one is class AA, two are class B, 19 are class C, and one is class D.

On the other hand, dissolved oxygen (DO) level should be greater than five mg/L for classes AA, A, B, and C while greater than three mg/L for class D. Based on the data, 57 water bodies or 72 percent of the 79 selected freshwater bodies passed while 22 water bodies or 28 percent failed, wherein five are class A, 16 are class C, and one is class D.



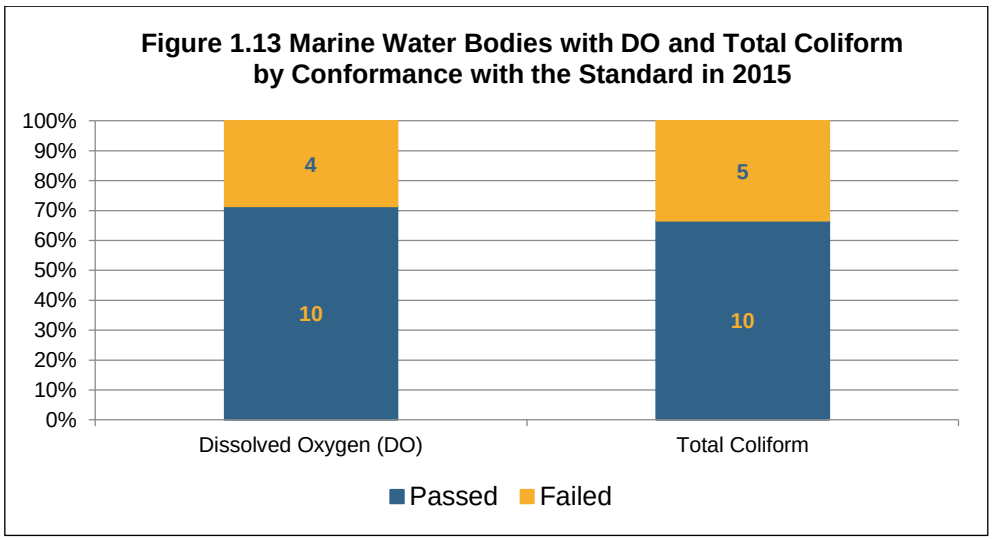
Source: Environmental Management Bureau

1.3.3 Marine Water Quality

Oceans play a significant role in regulating weather and atmospheric processes, absorbing CO_2 emissions and provisioning of food and livelihood to humans. However, due to anthropogenic factors, the marine and coastal waters have been increasingly polluted. With this, compiling statistics on marine water quality is important to address issues on pollution on coastal and marine areas.

According to DAO No. 1990-34, the threshold for classes SA, SB, and SC marine water bodies is five mg/L while for class SD is two mg/L. As seen in Figure 1.13, 10 water bodies or 71 percent of the 14 selected water bodies in the country passed the water quality criteria while four water bodies or 29 percent failed, which are all class SB. *(See Annex for descriptions of classes)*

On the other hand, total coliform geometric mean should be less than 70 most probable number per 100 milliliter (MPN/100 mL) to pass the criteria for class SA; less than 1000 MPN/100 mL for class SB; and less than 5000 MPN/100 mL for class SC. Out of 15 selected marine water bodies, 10 water bodies or 67 percent passed while five water bodies or 33 percent failed, which are also all class SB.



Source: Environmental Management Bureau

Statistical Tables

Environmental Conditions and Quality

Table 1.1
CLIMATOLOGICAL NORMALS OF PRECIPITATION BY MONTH AND BY MONITORING STATION
1981 to 2010
(Amount of rainfall in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Amount of Rainfall	250.2	151.8	127.4	91.9	114.1	182.4	238.9	150.0	253.1	509.7	551.7	636.6
Number of Rainy Days	21	14	11	9	11	14	17	15	17	23	24	26
Ambulong, Batangas												
Amount of Rainfall	22.7	16.0	21.5	35.0	116.6	228.7	329.6	286.9	255.0	218.4	144.7	92.0
Number of Rainy Days	5	3	3	4	10	16	19	18	17	15	13	9
Aparri, Cagayan												
Amount of Rainfall	95.0	56.5	39.0	40.2	115.7	157.6	181.1	191.1	243.8	295.9	285.5	186.6
Number of Rainy Days	11	7	5	4	8	10	11	12	12	15	17	15
Baguio City, Benguet												
Amount of Rainfall	15.2	23.4	46.0	104.1	341.1	475.8	781.9	905.0	570.9	454.3	97.4	26.2
Number of Rainy Days	3	3	5	9	20	22	26	27	24	17	8	4
Baler, Quezon												
Amount of Rainfall	220.2	179.1	185.0	215.4	329.1	238.8	272.7	164.9	282.1	386.0	368.7	405.9
Number of Rainy Days	16	14	14	14	16	16	17	15	15	18	16	15
Basco, Batanes												
Amount of Rainfall	130.1	122.1	58.3	47.6	224.6	234.6	223.5	304.6	350.8	281.2	272.0	96.8
Number of Rainy Days	17	12	10	6	12	14	16	19	20	18	19	14
Borongan, Easter Samar												
Amount of Rainfall	613.7	345.4	312.6	225.5	207.2	233.4	249.9	146.4	189.9	347.3	508.4	674.8
Number of Rainy Days	27	19	19	18	15	17	17	14	16	21	23	26
Butuan City, Agusan del Norte												
Amount of Rainfall	318.0	225.0	145.4	109.7	115.5	154.0	143.9	105.6	126.3	178.4	197.9	238.2
Number of Rainy Days	21	16	16	13	14	17	16	13	14	16	18	20
Cabanatuan, Nueva Ecija												
Amount of Rainfall	16.9	16.6	18.4	47.4	179.1	193.7	371.1	372.0	320.4	186.4	90.0	42.9
Number of Rainy Days	2	2	2	4	13	16	22	24	21	12	8	5
Calapan, Oriental Mindoro												
Amount of Rainfall	112.9	64.7	75.9	116.0	196.4	263.6	253.0	195.4	235.5	326.5	281.0	216.2
Number of Rainy Days	17	11	10	10	13	16	17	15	16	19	19	20
Calayan Island, Cagayan												
Amount of Rainfall	170.6	126.2	49.4	58.0	159.2	170.9	209.1	228.4	318.5	375.4	335.1	219.5
Number of Rainy Days	17	11	7	5	8	8	11	15	16	18	18	18
Casiguran, Aurora												
Amount of Rainfall	272.5	226.6	203.0	183.0	238.5	225.2	282.8	208.8	280.9	537.4	591.3	495.6
Number of Rainy Days	17	14	14	12	15	14	15	14	16	17	19	17
Catarman, Northern Samar												
Amount of Rainfall	456.7	291.9	234.3	143.9	145.2	195.3	208.2	173.6	210.5	338.4	529.7	628.2
Number of Rainy Days	23	18	16	13	13	15	16	13	15	20	24	26
Catbalogan, Western Samar												
Amount of Rainfall	240.4	197.4	162.7	118.0	167.8	220.3	274.2	198.3	270.5	305.7	334.9	322.7
Number of Rainy Days	20	15	16	13	15	19	19	15	18	21	22	22
Coron, Palawan												
Amount of Rainfall	18.5	14.0	15.4	38.1	198.1	360.8	479.9	466.3	447.1	250.8	118.6	74.0
Number of Rainy Days	3	2	2	3	12	19	23	22	21	17	9	6
Cotabato City												
Amount of Rainfall	88.4	83.9	119.9	146.7	268.5	312.3	325.4	244.8	256.6	285.5	216.3	139.6
Number of Rainy Days	9	9	11	11	17	20	19	16	16	17	14	12

Continued

Table 1.1
CLIMATOLOGICAL NORMALS OF PRECIPITATION BY MONTH AND BY MONITORING STATION *(continued)*
1981 to 2010
(Amount of rainfall in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Amount of Rainfall	7.4	3.1	19.8	41.6	193.1	327.3	402.9	391.2	341.5	302.8	112.3	52.5
Number of Rainy Days	1	1	1	3	13	19	21	19	20	16	6	4
Daet, Camarines Norte												
Amount of Rainfall	266.3	180.1	150.4	131.3	138.5	183.9	237.1	165.4	257.9	496.3	542.9	588.4
Number of Rainy Days	22	15	13	10	12	14	16	15	17	23	25	25
Dagupan City, Pangasinan												
Amount of Rainfall	6.7	10.7	22.2	60.4	209.8	337.9	499.6	581.3	368.4	215.9	53.9	14.1
Number of Rainy Days	1	1	2	5	12	17	21	22	20	11	5	2
Davao City, Davao Del Sur												
Amount of Rainfall	140.3	109.4	108.4	124.7	158.7	186.7	165.0	170.0	170.4	174.8	138.1	112.6
Number of Rainy Days	14	12	11	11	16	18	16	15	15	16	16	14
Dipolog, Zamboanga del Norte												
Amount of Rainfall	129.2	90.4	82.5	103.5	150.9	259.5	216.2	194.5	199.1	291.3	380.9	254.8
Number of Rainy Days	16	11	10	9	12	18	16	14	16	8	20	18
Dumaguete City, Negros Oriental												
Amount of Rainfall	82.0	61.4	46.3	53.7	81.8	129.7	122.7	110.6	127.3	156.7	138.7	107.3
Number of Rainy Days	13	10	8	6	10	14	16	13	15	16	14	15
General Santos City, South Cotabato												
Amount of Rainfall	79.4	59.5	51.4	58.3	75.0	118.1	107.9	91.3	87.8	91.1	75.3	64.6
Number of Rainy Days	10	8	7	7	11	13	13	13	11	12	10	10
Guiuan, Eastern Samar												
Amount of Rainfall	371.3	276.7	218.8	125.7	141.2	185.6	211.5	160.6	177.4	290	406.7	440.1
Number of Rainy Days	23	19	18	16	15	16	16	13	15	19	22	25
Hinatuan, Surigao del Sur												
Amount of Rainfall	776.3	547.6	448.3	318.7	252.9	258.1	218.9	186.7	206.5	270.9	424.9	555.1
Number of Rainy Days	25	22	23	19	18	17	16	13	15	17	20	23
Iba, Zambales												
Amount of Rainfall	4.1	9.3	19.8	38.1	254.7	519.9	838.1	897.7	559.5	234.2	62.3	13.2
Number of Rainy Days	2	2	2	4	13	18	23	25	21	14	6	3
Infanta, Quezon												
Amount of Rainfall	365.1	253.0	192.3	208.9	197.8	237.2	283.9	189.8	270.7	635.7	594.9	675.8
Number of Rainy Days	26	18	16	14	16	17	19	16	19	24	25	26
Itbayat, Batanes												
Amount of Rainfall	156	84.6	69.8	57.2	243.7	253.8	269.1	450.0	344.1	299.0	239.1	141.6
Number of Rainy Days	17	12	10	7	11	12	14	19	17	17	18	16
Laoag City, Ilocos Norte												
Amount of Rainfall	5.3	2.8	6.0	24.8	246.9	312.9	448.2	583.9	415.8	103.3	30.2	2.8
Number of Rainy Days	1	1	1	1	9	14	18	19	14	7	4	1
Legazpi City, Albay												
Amount of Rainfall	311.7	236.4	193.8	171.2	186.6	230.5	259.8	222.5	285.9	333.0	480.3	520.2
Number of Rainy Days	21	15	17	15	15	17	20	18	19	21	23	23
Lumbia Airport, Misamis Oriental												
Amount of Rainfall	98.9	68.0	49.8	52.6	125.0	212.7	245.6	195.8	219.7	185.9	136.0	113.2
Number of Rainy Days	12	8	6	5	12	17	18	15	16	16	12	11
Mactan International Airport, Cebu												
Amount of Rainfall	105.2	69.6	58.6	48.1	95.0	175.6	192.9	143.5	179.6	194.8	161.9	139.7
Number of Rainy Days	12	9	8	6	8	14	16	14	15	16	14	14

Continued

Table 1.1
CLIMATOLOGICAL NORMALS OF PRECIPITATION BY MONTH AND BY MONITORING STATION *(continued)*
1981 to 2010
(Amount of rainfall in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Maasin, Southern Leyte												
Amount of Rainfall	211.3	143.3	114.3	64.2	85.0	127.3	173.6	177.0	213.4	198.3	193.9	226.1
Number of Rainy Days	17	13	12	8	8	12	16	14	15	17	17	17
Malaybalay, Bukidnon												
Amount of Rainfall	142.5	106.1	112.5	115.6	224.8	313.5	323.3	294.4	315.7	314.7	176.1	130.7
Number of Rainy Days	16	13	13	12	18	23	24	22	24	23	18	16
Masbate, Masbate												
Amount of Rainfall	169.3	101.8	86.9	54.1	118.0	155.7	227	178.1	212.6	233.0	254.9	258.9
Number of Rainy Days	16	12	11	7	9	14	18	17	18	18	18	20
NAIA (MAI), Pasay City												
Amount of Rainfall	6.8	4.2	4.0	16.0	70.4	265.2	316.7	418.4	255.2	283.4	99.0	28.6
Number of Rainy Days	2	1	1	1	6	14	16	19	16	14	8	3
Port Area, Manila												
Amount of Rainfall	17.3	14.2	15.8	23.7	147.2	253.5	420.5	432.4	355.1	234.8	121.7	67.4
Number of Rainy Days	4	3	3	4	10	17	21	21	20	17	12	7
Puerto Princesa, Palawan												
Amount of Rainfall	36.4	23.7	37.3	54.2	118.4	171.1	153.5	185.4	170.1	216.1	211.0	150.1
Number of Rainy Days	5	3	4	7	12	17	18	18	17	19	15	11
Romblon, Romblon												
Amount of Rainfall	99.2	63.4	59.37	68.2	147.3	233.1	260.5	210.3	259.9	320.3	270.1	211.8
Number of Rainy Days	13	8	8	7	10	16	18	16	17	19	18	17
Roxas City, Capiz												
Amount of Rainfall	72.1	49.3	63.7	69.9	144.7	259.0	253.4	202.1	213.5	304.9	239.4	171.3
Number of Rainy Days	12	8	6	6	10	16	16	15	16	19	17	15
San Jose, Occidental Mindoro												
Amount of Rainfall	8.4	11.7	11.1	26.8	170.5	377.7	457.5	475.6	406.7	252.0	106.5	55.9
Number of Rainy Days	3	2	2	3	10	17	21	22	20	16	9	5
Sangley Point, Cavite												
Amount of Rainfall	16.9	11.1	9.4	18.5	139.1	264.5	422.4	457.2	341.8	224.3	110.5	62.7
Number of Rainy Days	4	2	2	2	9	15	20	21	19	15	11	7
Science Garden, Quezon City												
Amount of Rainfall	18.5	14.6	24.8	40.4	186.7	316.5	493.3	504.2	451.2	296.6	148.8	78.7
Number of Rainy Days	4	3	4	5	12	18	22	23	22	18	14	8
Surigao, Surigao del Norte												
Amount of Rainfall	609.4	446.4	326.0	219.1	139.6	142.1	171.1	133.9	171.0	240.7	467.3	585.2
Number of Rainy Days	26	21	21	17	13	14	15	12	15	19	22	25
Tacloban City, Leyte												
Amount of Rainfall	323.9	238.4	184.4	115.2	144.1	184.6	186.0	160.9	173.7	243.9	318.2	386.0
Number of Rainy Days	22	17	17	14	14	17	17	15	16	20	22	23
Tagbilaran City, Bohol												
Amount of Rainfall	101.0	79.6	76.6	67.5	81.5	128.2	126.7	116.3	126.5	176.3	178.9	153.6
Number of Rainy Days	14	11	11	9	10	15	15	13	14	18	18	16
Tayabas, Quezon												
Amount of Rainfall	163.0	111.4	107.1	109.5	161.2	225.5	273.8	185.1	274.2	494.1	529.7	421.0
Number of Rainy Days	18	13	10	9	13	15	18	17	18	22	23	22
Tuguegarao, Cagayan												
Amount of Rainfall	32.7	27.3	28.6	47.2	128.2	157.5	195.3	247.1	221.4	298.5	230.0	122.3
Number of Rainy Days	8	6	5	6	11	12	15	15	14	15	15	12

Continued

Table 1.1
CLIMATOLOGICAL NORMALS OF PRECIPITATION BY MONTH AND BY MONITORING STATION *(concluded)*
1981 to 2010
(Amount of rainfall in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Vigan, Ilocos Sur												
Amount of Rainfall	3.5	3.9	5.4	16.1	194.5	321.8	536.3	630.3	382.6	143.8	36.3	2.9
Number of Rainy Days	1	1	1	2	10	16	20	21	16	8	3	1
Virac Radar, Catanduanes												
Amount of Rainfall	409.5	270.5	215.9	215.2	197.2	234.5	249.6	177.1	244.1	447.0	575.8	640.6
Number of Rainy Days	24	17	18	16	16	16	17	14	17	22	25	26
Virac Synop, Catanduanes												
Amount of Rainfall	247.9	149.2	146.4	148.3	149.9	220.5	241.6	162.5	235.3	393.7	450.0	451.8
Number of Rainy Days	17	13	14	13	13	14	17	13	16	21	22	22
Zamboanga City, Zamboanga del Sur												
Amount of Rainfall	49.7	43.7	56.3	69.0	90.0	149.1	152.6	144.9	144.9	178.9	120.6	66.8
Number of Rainy Days	7	6	7	8	12	16	14	13	13	14	13	10

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.2
CLIMATOLOGICAL NORMALS OF TEMPERATURE BY MONTH AND BY MONITORING STATION
1981 to 2010
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	28.3	28.9	30.2	31.8	32.8	32.5	31.6	31.8	31.5	30.6	29.7	28.5
Minimum Temperature	21.9	21.9	22.6	23.4	23.8	23.7	23.3	23.3	23.2	23.1	23.0	22.2
Mean Temperature	25.1	25.4	26.4	27.6	28.3	28.1	27.5	27.6	27.4	26.9	26.3	25.4
Ambulong, Batangas												
Maximum Temperature	30.4	31.6	33.2	34.5	33.9	32.5	31.4	31.0	31.4	31.6	31.4	30.2
Minimum Temperature	22.2	22.1	22.9	23.9	24.6	24.6	24.1	24.3	24.7	23.9	23.6	22.8
Mean Temperature	26.3	26.9	28.1	29.2	29.2	28.6	27.8	27.6	27.8	27.7	27.5	26.5
Aparri, Cagayan												
Maximum Temperature	27.6	28.8	30.6	32.4	33.1	33.5	33.1	32.7	32.4	31.2	29.9	28.0
Minimum Temperature	20.5	20.9	22.3	23.7	24.4	24.7	24.7	24.5	24.1	23.6	22.9	21.2
Mean Temperature	24.1	24.9	26.5	28.0	28.7	29.1	28.9	28.6	28.2	27.4	26.4	24.6
Baguio City, Benguet												
Maximum Temperature	23.3	24.1	25.2	25.8	25.0	24.4	23.4	22.6	23.4	23.9	24.1	23.5
Minimum Temperature	12.9	13.4	14.5	15.9	16.4	16.5	16.3	16.2	16.0	15.7	15.1	13.7
Mean Temperature	18.1	18.7	19.9	20.8	20.7	0.0	19.8	19.4	19.7	19.8	19.6	18.6
Baler, Quezon												
Maximum Temperature	27.6	28.3	29.6	30.9	31.0	31.4	31.1	31.2	31.2	30.5	29.4	27.8
Minimum Temperature	21.3	21.5	22.3	23.3	23.9	24.4	24.1	24.3	24.0	23.7	22.9	21.9
Mean Temperature	24.5	24.9	25.9	27.1	27.4	27.9	27.6	27.8	27.6	27.1	26.2	24.8
Basco, Batanes												
Maximum Temperature	24.5	25.4	26.5	28.6	29.9	30.2	30.5	30.2	29.7	28.8	27.0	25.2
Minimum Temperature	18.7	19.4	20.1	22.3	23.6	24.5	24.7	24.5	23.9	22.7	21.3	18.9
Mean Temperature	21.6	22.4	23.3	25.4	26.8	27.4	27.6	27.4	26.8	25.7	24.1	22.1
Borongan, Easter Samar												
Maximum Temperature	29.4	30.1	31.0	31.7	32.3	32.2	32.0	32.6	32.2	31.7	31.2	30.3
Minimum Temperature	21.6	21.7	22.2	23.0	23.2	23.3	22.9	23.0	23.2	22.8	22.7	22.3
Mean Temperature	25.5	25.9	26.6	27.4	27.8	27.7	27.5	27.8	27.7	27.2	26.9	26.3
Butuan City, Agusan del Norte												
Maximum Temperature	30.2	30.8	31.8	33.1	33.7	33.1	32.6	32.9	32.9	32.4	31.7	30.8
Minimum Temperature	22.5	22.5	22.8	23.5	24.2	24.0	23.7	23.9	23.7	23.6	23.4	22.9
Mean Temperature	26.3	26.6	27.3	28.3	28.9	28.5	28.2	28.4	28.3	28.0	27.5	26.9
Cabanatuan, Nueva Ecija												
Maximum Temperature	32.1	32.8	34.3	36.0	35.6	34.3	33.0	32.3	32.5	32.9	32.7	32.0
Minimum Temperature	20.6	21.1	22.1	23.5	24.4	24.4	24.1	24.1	23.9	23.4	22.6	21.7
Mean Temperature	26.4	27.0	28.2	29.8	30.0	29.4	28.5	28.2	28.2	28.2	27.7	26.8
Calapan, Oriental Mindoro												
Maximum Temperature	29.2	30.1	31.2	32.5	33.0	32.6	32.0	32.0	32.0	31.5	30.7	29.4
Minimum Temperature	22.1	22.3	23.1	24.1	24.2	23.9	23.6	23.7	23.6	23.5	23.3	22.5
Mean Temperature	25.7	26.2	27.2	28.3	28.6	28.2	27.8	27.9	27.8	27.5	27.0	26.0
Calayan Island, Cagayan												
Maximum Temperature	26.5	27.1	28.9	31.1	32.4	32.6	32.3	31.7	31.2	30.2	28.7	26.8
Minimum Temperature	21.2	21.2	22.3	23.8	25.1	25.6	25.5	25.3	24.7	24.3	23.6	21.7
Mean Temperature	23.8	24.2	25.6	27.5	28.7	29.1	28.9	28.5	28.0	27.3	26.2	24.2
Casiguran, Aurora												
Maximum Temperature	27.6	28.4	30.0	31.9	33.0	33.3	32.6	32.8	32.2	31.0	29.6	28.0
Minimum Temperature	19.8	20.1	20.9	22.2	23.2	23.7	23.5	23.5	23.0	22.5	21.9	20.6
Mean Temperature	23.7	24.2	25.4	27.0	28.1	28.5	28.1	28.1	27.6	26.8	25.8	24.3
Catarman, Northern Samar												
Maximum Temperature	29.3	29.9	30.8	32.1	33.2	33.0	32.4	33.0	32.6	31.7	30.6	29.6
Minimum Temperature	22.6	22.3	22.4	23.0	23.7	23.9	23.8	24.1	23.7	23.5	23.3	23.0
Mean Temperature	26.0	26.1	26.6	27.6	28.4	28.5	28.1	28.5	28.1	27.6	27.0	26.3
Catbalogan, Western Samar												
Maximum Temperature	30.7	31.5	32.5	33.6	33.9	33.4	32.7	32.9	32.7	32.3	31.6	31.0
Minimum Temperature	22.1	22.2	22.8	23.7	24.6	24.6	24.4	24.9	24.4	23.9	23.4	22.7
Mean Temperature	26.4	26.8	27.6	28.7	29.2	29.0	28.6	28.9	28.6	28.1	27.5	26.8
Coron, Palawan												
Maximum Temperature	32.4	32.6	33.2	34.0	33.4	31.7	30.9	30.9	31.1	31.8	32.5	32.3
Minimum Temperature	22.7	22.9	23.6	24.3	24.4	23.9	23.4	23.4	23.5	23.5	23.6	23.2
Mean Temperature	27.5	27.8	28.4	29.1	28.9	27.8	27.1	27.2	27.3	27.7	28.1	27.8

Continued

Table 1.2
CLIMATOLOGICAL NORMALS OF TEMPERATURE BY MONTH AND BY MONITORING STATION *(continued)*
1981 to 2010
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cotabato City												
Maximum Temperature	32.7	32.8	33.4	33.7	33.1	32.3	31.9	32.1	32.3	32.2	32.6	32.5
Minimum Temperature	22.9	23.1	23.3	23.5	23.2	22.8	22.7	22.9	22.9	22.9	22.9	22.8
Mean Temperature	27.8	27.9	28.3	28.6	28.1	27.6	27.3	27.5	27.6	27.5	27.8	27.6
Cuyo, Palawan												
Maximum Temperature	30.3	30.7	31.9	33.1	33.1	32.1	31.5	31.6	31.6	31.6	31.6	30.6
Minimum Temperature	25.4	25.3	25.7	26.5	26.3	25.7	25.5	25.6	25.6	25.8	26.2	25.7
Mean Temperature	27.8	28.0	28.8	29.8	29.7	28.9	28.5	28.6	28.6	28.7	28.9	28.2
Daet, Camarines Norte												
Maximum Temperature	28.6	29.1	30.1	31.6	32.8	32.8	32.0	32.2	31.8	30.8	30.1	28.8
Minimum Temperature	23.5	23.3	23.9	24.9	25.2	25.1	24.8	24.9	24.5	24.4	24.6	24.0
Mean Temperature	26.0	26.2	27.0	28.3	29.0	28.9	28.4	28.6	28.1	27.6	27.3	26.4
Dagupan City, Pangasinan												
Maximum Temperature	30.8	31.8	33.2	34.7	34.1	33.1	32.0	31.3	31.6	31.9	31.8	30.9
Minimum Temperature	20.7	21.2	22.6	24.4	24.8	24.7	24.4	24.3	24.2	24.0	23.0	21.4
Mean Temperature	25.8	26.5	27.9	29.5	29.4	28.9	28.2	27.8	27.9	27.9	27.4	26.2
Davao City, Davao Del Sur												
Maximum Temperature	30.8	31.2	32.2	33.0	32.6	31.8	31.5	31.7	31.9	32.3	32.1	31.4
Minimum Temperature	23.3	23.3	23.6	24.2	24.6	24.2	23.9	24.0	23.9	23.9	23.9	23.7
Mean Temperature	27.1	27.3	27.9	28.6	28.6	28.0	27.7	27.9	27.9	28.1	28.0	27.5
Dipolog, Zamboanga del Norte												
Maximum Temperature	30.2	30.6	31.6	32.6	32.8	32.1	31.9	32.1	32.0	31.7	31.2	30.6
Minimum Temperature	22.8	22.8	23.1	23.4	23.4	23.0	22.1	22.8	22.9	22.9	22.8	22.8
Mean Temperature	26.5	26.7	27.4	28.0	28.1	27.6	27.0	27.5	27.5	27.3	27.0	26.7
Dumaguete City, Negros Oriental												
Maximum Temperature	29.0	29.2	30.0	31.0	31.7	31.6	31.3	31.7	31.5	31.0	30.5	29.7
Minimum Temperature	24.5	24.3	24.6	25.2	25.4	24.9	24.3	24.2	24.2	24.4	24.8	24.8
Mean Temperature	26.8	26.8	27.3	28.1	28.6	28.2	27.8	27.9	27.8	27.7	27.7	27.2
General Santos City, South Cotabato												
Maximum Temperature	32.8	33.2	34.2	34.4	33.4	32.3	31.7	31.9	32.3	32.7	33.0	33.0
Minimum Temperature	22.5	22.6	22.9	23.3	23.4	23.0	22.6	22.7	22.7	22.7	22.8	22.6
Mean Temperature	27.6	27.9	28.5	28.8	28.4	27.6	27.2	27.3	27.5	27.7	27.9	27.8
Guiuan, Eastern Samar												
Maximum Temperature	28.4	28.8	29.6	31.0	32.0	31.7	31.0	31.3	31.4	30.7	29.8	28.9
Minimum Temperature	24.0	24.1	24.4	25.2	25.6	25.4	25.1	25.3	25.2	25.0	24.7	24.4
Mean Temperature	26.2	26.5	27.0	28.1	28.8	28.6	28.1	28.3	28.3	27.8	27.2	26.6
Hinatuan, Surigao del Sur												
Maximum Temperature	29.7	30.1	30.8	31.9	32.5	32.5	32.6	33.0	32.9	32.5	31.5	30.5
Minimum Temperature	23.0	23.0	23.2	23.7	24.2	24.0	23.8	23.9	23.6	23.6	23.5	23.3
Mean Temperature	26.4	26.5	27.0	27.8	28.4	28.2	28.2	28.2	28.2	28.1	27.5	26.9
Iba, Zambales												
Maximum Temperature	30.8	31.3	31.9	33.2	32.7	31.5	30.4	29.9	30.4	31.3	31.5	31.1
Minimum Temperature	20.8	21.2	22.1	23.6	23.7	23.4	23.0	22.9	23.1	23.2	22.8	21.7
Mean Temperature	25.8	26.2	27.0	28.4	28.2	27.4	26.7	26.4	26.7	27.3	27.1	26.4
Infanta, Quezon												
Maximum Temperature	27.6	28.5	30.1	31.8	33.1	33.4	32.7	32.8	32.4	30.8	29.6	27.9
Minimum Temperature	22.2	22.2	22.9	24.0	24.7	24.9	24.6	24.9	24.4	24.0	23.8	22.9
Mean Temperature	24.9	25.3	26.5	27.9	28.9	29.2	28.7	28.9	28.4	27.4	26.7	25.4
Itbayat, Batanes												
Maximum Temperature	24.2	25.0	26.4	28.4	29.8	30.5	30.9	30.3	29.8	28.6	26.9	24.9
Minimum Temperature	18.6	19.2	20.6	22.5	24.0	24.9	25.1	24.9	24.4	23.1	21.4	19.2
Mean Temperature	21.4	22.1	23.5	25.4	26.9	27.7	28.0	27.6	27.1	25.9	24.1	22.0
Laoag City, Ilocos Norte												
Maximum Temperature	30.8	31.5	32.7	34.0	34.0	33.2	32.5	31.8	32.0	32.4	32.0	31.1
Minimum Temperature	19.5	20.1	21.6	23.5	24.5	24.6	24.3	24.2	23.8	23.3	22.5	20.6
Mean Temperature	25.1	25.8	27.2	28.8	29.2	28.9	28.4	28.0	27.9	27.9	27.3	25.8
Legazpi City, Albay												
Maximum Temperature	28.8	29.3	30.2	31.6	32.4	32.2	31.5	31.5	31.4	31.0	30.2	29.1
Minimum Temperature	23.2	23.2	23.8	24.7	25.3	25.1	24.7	24.8	24.5	24.2	24.2	23.7
Mean Temperature	26.0	26.3	27.0	28.8	28.9	28.6	28.1	28.2	28.0	27.6	27.2	26.4

Continued

Table 1.2
CLIMATOLOGICAL NORMALS OF TEMPERATURE BY MONTH AND BY MONITORING STATION *(continued)*
1981 to 2010
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Lumbia Airport, Misamis Oriental												
Maximum Temperature	29.6	30.2	31.3	32.5	32.9	32.0	31.6	32.1	31.8	31.4	30.9	30.1
Minimum Temperature	21.6	21.4	21.6	22.4	23.2	22.8	22.4	22.5	22.3	22.3	22.1	21.8
Mean Temperature	25.6	25.8	26.5	27.5	28.0	27.4	27.0	27.3	27.1	26.9	26.5	26.0
Mactan International Airport, Cebu												
Maximum Temperature	29.8	30.2	31.1	32.3	32.8	32.1	31.5	31.7	31.8	31.4	31.0	30.2
Minimum Temperature	23.9	24.0	24.5	25.4	25.8	25.4	24.9	25.0	24.9	24.8	24.7	24.3
Mean Temperature	26.8	27.1	27.8	28.8	29.3	28.8	28.2	28.4	28.3	28.1	27.8	27.3
Maasin, Southern Leyte												
Maximum Temperature	29.6	30.2	31.0	32.1	32.6	31.8	31.1	31.1	31.4	31.2	30.8	30.0
Minimum Temperature	23.2	23.2	23.6	24.4	24.8	24.6	24.3	24.4	24.1	24.0	23.8	23.4
Mean Temperature	26.4	26.7	27.3	28.2	28.7	28.2	27.7	27.8	27.7	27.6	27.3	26.7
Malaybalay, Bukidnon												
Maximum Temperature	29.0	29.4	30.6	31.7	31.2	29.8	29.0	29.1	29.5	29.6	30.0	29.5
Minimum Temperature	17.9	17.6	17.6	18.1	19.1	19.2	18.9	18.8	18.7	18.9	18.6	18.3
Mean Temperature	23.4	23.5	24.1	24.9	25.1	24.5	24.0	23.9	24.1	24.2	24.3	23.9
Masbate, Masbate												
Maximum Temperature	30.4	31.1	32.2	33.5	34.0	33.4	32.6	32.6	32.6	32.4	31.7	30.7
Minimum Temperature	23.3	23.3	23.9	25.0	25.7	25.6	25.1	25.1	25.0	24.8	24.6	23.8
Mean Temperature	26.9	27.2	28.1	29.3	29.8	29.5	28.8	28.9	28.8	28.6	28.1	27.3
NAIA (MAI), Pasay City												
Maximum Temperature	30.2	31.0	32.5	34.1	33.8	32.5	31.3	30.8	31.0	31.1	31.1	30.2
Minimum Temperature	22.0	22.5	23.6	25.0	25.5	25.1	24.6	24.6	24.6	24.3	23.7	22.7
Mean Temperature	26.1	26.7	28.0	29.5	29.7	28.8	28.0	27.7	27.8	27.7	27.4	26.5
Port Area, Manila												
Maximum Temperature	29.6	30.6	32.1	33.5	33.2	32.2	31.2	30.8	31.0	31.1	30.9	29.8
Minimum Temperature	23.8	24.2	25.3	26.6	26.9	26.4	25.9	25.8	25.7	25.7	25.1	24.2
Mean Temperature	26.7	27.4	28.7	30.1	30.0	29.3	28.5	28.3	28.4	28.4	28.0	27.0
Puerto Princesa, Palawan												
Maximum Temperature	30.8	31.0	31.7	32.7	32.7	31.8	31.4	31.3	31.5	31.4	31.1	30.7
Minimum Temperature	23.2	23.1	23.7	24.5	24.8	24.2	23.8	23.8	23.7	23.7	23.7	23.5
Mean Temperature	27.0	27.0	27.7	28.6	28.8	28.0	27.6	27.5	27.6	27.5	27.4	27.1
Romblon, Romblon												
Maximum Temperature	28.4	29.1	30.4	32.0	32.6	31.7	30.8	30.5	30.6	30.3	29.7	28.5
Minimum Temperature	24.0	24.2	24.9	26.0	26.3	25.8	25.4	25.5	25.3	25.2	25.2	24.4
Mean Temperature	24.0	24.2	24.9	26.0	26.3	25.8	25.4	25.5	25.3	25.2	25.2	24.4
Roxas City, Capiz												
Maximum Temperature	29.1	29.5	30.5	31.9	32.6	32.1	31.5	31.7	31.5	31.0	30.6	29.4
Minimum Temperature	24.1	24.1	24.5	25.1	25.2	24.8	24.5	24.5	24.4	24.5	24.8	24.5
Mean Temperature	26.6	26.8	27.5	28.5	28.9	28.4	28.0	28.1	28.0	27.8	27.7	27.0
San Jose, Occidental Mindoro												
Maximum Temperature	32.3	32.6	33.9	34.6	33.8	32.1	30.8	30.7	30.7	31.5	32.3	32.2
Minimum Temperature	22.7	22.7	23.8	24.5	24.8	24.3	24.0	24.0	23.9	23.9	23.7	23.4
Mean Temperature	27.5	27.6	28.8	29.6	28.8	29.3	28.2	27.4	27.4	27.7	28.0	27.8
Sangley Point, Cavite												
Maximum Temperature	30.0	30.8	32.7	34.4	34.1	32.8	31.7	31.3	31.4	31.4	31.1	30.0
Minimum Temperature	23.3	23.6	24.6	25.9	26.1	25.8	25.3	25.2	25.2	25.3	25.0	23.9
Mean Temperature	26.6	27.2	28.6	30.1	30.1	29.3	28.5	28.3	28.3	28.4	28.1	27.0
Science Garden, Quezon City												
Maximum Temperature	30.6	31.7	33.4	35.0	34.7	33.1	31.9	31.3	31.6	31.6	31.4	30.5
Minimum Temperature	20.8	20.9	22.1	23.7	24.7	24.6	24.1	24.2	24.0	23.5	22.7	21.6
Mean Temperature	25.7	26.3	27.8	29.4	29.4	28.8	28.0	27.8	27.8	27.6	27.1	26.0
Surigao, Surigao del Norte												
Maximum Temperature	29.4	29.9	30.8	32.0	32.7	32.6	32.3	32.7	32.7	32.0	30.8	29.9
Minimum Temperature	23.3	23.5	23.8	24.4	24.9	24.8	24.6	24.7	24.6	24.4	24.0	23.7
Mean Temperature	26.3	26.7	27.3	28.2	28.8	28.7	28.5	28.7	28.7	28.2	27.4	26.8
Tacloban City, Leyte												
Maximum Temperature	29.2	29.9	30.7	31.8	32.3	32.0	31.6	32.0	31.8	31.4	30.7	29.7
Minimum Temperature	23.4	23.4	23.8	24.7	25.3	25.2	24.8	24.9	24.7	24.6	24.4	23.9
Mean Temperature	26.3	26.6	27.3	28.3	28.8	28.6	28.2	28.4	28.2	28.0	27.5	26.8

Continued

Table 1.2
CLIMATOLOGICAL NORMALS OF TEMPERATURE BY MONTH AND BY MONITORING STATION *(concluded)*
1981 to 2010
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Tagbilaran City, Bohol												
Maximum Temperature	31.1	31.6	32.4	33.3	33.5	32.9	32.5	32.8	32.8	32.4	32.0	31.4
Minimum Temperature	22.6	22.5	22.8	23.6	24.4	24.4	24.3	24.5	24.4	24.0	23.6	23.0
Mean Temperature	26.8	27.1	27.6	28.5	29.0	28.7	28.4	28.7	28.6	28.2	27.8	27.2
Tayabas, Quezon												
Maximum Temperature	27.7	28.5	30.0	31.8	32.4	31.7	31.0	31.1	30.9	30.2	29.3	27.9
Minimum Temperature	21.9	22.0	22.8	23.8	24.2	24.0	23.6	23.6	23.3	23.4	23.3	22.4
Mean Temperature	24.8	25.3	26.4	27.8	28.3	27.9	27.3	27.4	27.1	26.8	26.3	25.1
Tuguegarao, Cagayan												
Maximum Temperature	28.4	30.5	33.1	35.4	35.8	35.1	33.9	33.5	32.9	31.4	29.6	27.8
Minimum Temperature	18.9	19.3	20.9	22.6	23.2	23.4	23.2	23.2	22.8	22.0	21.0	19.4
Mean Temperature	23.7	24.9	27.0	29.0	29.5	29.3	28.6	28.3	27.9	26.7	25.3	23.6
Vigan, Ilocos Sur												
Maximum Temperature	30.4	30.9	32.0	33.3	33.2	32.0	31.3	30.6	31.0	31.5	31.5	30.8
Minimum Temperature	21.1	21.6	23.1	24.5	24.8	24.3	23.9	23.7	23.7	23.4	23.0	21.8
Mean Temperature	25.8	26.2	27.6	28.9	29.0	28.2	27.6	27.2	27.4	27.5	27.3	26.6
Virac Radar, Catanduanes												
Maximum Temperature	26.5	27.1	27.8	29.0	30.0	30.0	29.4	29.8	29.8	29.2	28.2	27.1
Minimum Temperature	21.2	21.2	22.0	22.8	23.5	23.7	23.3	23.4	23.4	23.2	22.8	21.8
Mean Temperature	23.8	24.1	24.9	25.9	26.8	26.9	26.4	26.6	26.6	26.2	25.5	24.4
Virac Synop, Catanduanes												
Maximum Temperature	29.0	29.5	30.4	31.4	32.1	32.0	31.5	31.8	31.6	30.9	30.3	29.4
Minimum Temperature	22.1	21.9	22.3	23.1	24.0	24.2	23.9	24.0	23.7	23.4	23.2	22.6
Mean Temperature	25.5	25.7	26.3	27.2	28.0	28.1	27.7	27.9	27.7	27.2	26.7	26.0
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	32.3	32.6	33.0	33.1	32.8	32.1	31.8	32.1	32.3	32.2	32.5	32.5
Minimum Temperature	23.5	23.6	24.0	24.4	24.7	24.4	24.2	24.3	24.2	24.0	23.9	23.7
Mean Temperature	27.9	28.1	28.5	28.8	28.8	28.2	28.0	28.2	28.3	28.1	28.2	28.1

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.1
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2006
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	280.3	302.8	111.4	1.8	120.9	211.5	290.0	143.3	378.1	441.1	262.6	663.1	3206.9
Ambulong, Batangas	80.1	6.1	26.8	5.4	202.7	197.9	308.2	202.0	348.9	45.9	99.6	200.6	1724.2
Aparri, Cagayan	75.5	40.4	20.7	2.0	66.7	10.6	320.5	117.1	68.7	317.0	139.9	340.8	1519.9
Baguio City, Benguet	160.6	8.8	38.4	29.6	266.5	188.2	1769.8	735.8	207.6	316.0	72.4	43.2	3836.9
Baler, Aurora (Radar)	518.5	169.0	446.6	54.8	358.6	441.6	279.6	202.0	383.7	381.2	212.8	296.5	3744.9
Basco, Batanes (Radar)	190.5	139.4	43.4	32.2	188.2	139.2	560.5	193.4	228.2	91.6	125.2	100.6	2032.4
Borongan, Easter Samar	406.4	723.6	566.5	197.7	240.6	236.6	176.3	71.0	156.2	170.4	245.1	764.5	3954.9
Butuan City, Agusan del Norte	414.6	514.8	129.4	194.7	132.0	241.4	109.4	111.8	38.2	118.4	93.4	156.6	2254.7
Cabanatuan, Nueva Ecija	196.0	0.1	14.6	88.4	97.6	103.2	550.5	333.6	216.4	82.8	81.1	54.4	1818.7
Calapan, Oriental Mindoro	152.8	56.6	241.9	58.4	352.8	670.1	191.0	200.6	235.7	113.2	229.8	344.3	2847.2
Calayan, Cagayan	198.8	224.6	52.4	34.6	93.6	6.8	524.6	157.8	276.4	129.0	80.6	374.8	2154.0
Casiguran, Aurora	641.7	199.2	712.0	1.8	354.4	300.7	394.7	265.3	296.5	710.8	596.8	502.5	4976.4
Catarman, Northern Samar	449.8	438.4	366.0	244.6	361.0	298.3	169.7	70.3	501.7	309.2	265.4	985.6	4460.0
Catbalogan, Western Samar	143.1	262.3	249.1	64.7	316.9	102.1	215.4	203.9	486.4	269.5	158.9	447.5	2919.8
Clark International Airport, Pampanga	91.7	1.2	33.1	20.0	88.1	154.4	760.4	351.1	201.5	104.0	30.2	57.8	1893.5
Coron, Palawan	49.3	0.3	...	...	131.6	245.9	672.9	647.8	468.1	156.4	65.4	213.7	2651.4
Cotabato City, Maguindanao	73.5	239.3	231.8	204.6	267.6	448.3	210.8	317.9	250.1	326.3	183.6	137.8	2891.6
Cubi Point, Subic Bay, Olongapo City, Zambales	23.4	0.4	25.8	0.0	103.3	266.7	1308.3	943.7	394.2	168.9	11.9	61.5	3308.1
Cuyo, Palawan	11.6	1.0	6.8	T	203.2	174.6	342.6	295.3	413.8	126.8	31.0	71.0	1677.7
Daet, Camarines Norte	317.5	239.7	182.9	8.3	92.2	164.9	335.1	204.2	305.4	392.1	316.4	564.3	3123.0
Dagupan City, Pangasinan	79.8	0.0	18.9	42.6	53.9	165.7	792.7	546.7	274.1	212.8	105.2	13.3	2305.7
Davao City, Davao Del Sur	194.5	143.3	255.4	59.9	195.9	267.5	188.8	168.8	137.9	186.2	107.6	81.3	1987.1
Dipolog, Zamboanga del Norte	94.9	35.2	190.8	13.0	97.6	227.4	54.0	129.0	198.6	372.2	447.4	329.8	2189.9
Dumaguete City, Negros Oriental	90.8	109.7	134.0	5.5	95.3	115.3	49.0	152.4	115.8	151.3	45.7	136.7	1201.5
General Santos City, South Cotabato	44.5	38.6	103.2	34.7	27.8	86.5	56.7	186.6	80.0	83.4	15.0	51.9	808.9
Guiuan, Eastern Samar	267.0	575.8	241.4	93.9	365.4	215.6	238.0	59.7	208.6	187.7	133.6	630.6	3217.3
Hinatuan, Surigao del Sur	964.9	819.3	360.4	513.4	154.0	283.7	206.2	239.4	131.6	245.2	252.6	641.6	4812.3
Iba, Zambales	34.1	5.8	25.5	15.4	56.6	244.3	1593.5	896.2	315.5	511.1	73.7	23.4	3795.1
Infanta, Quezon	461.5	216.1	430.5	29.3	167.2	316.1	260.7	189.2	437.8	605.2	381.5	741.2	4236.3
Itbayat, Batanes	133.7	164.2	46.8	62.5	111.1	150.6	718.1	158.8	176.2	85.5	230.1	90.1	2127.7
Laoag City, Ilocos Norte	24.0	0.0	19.0	0.0	123.6	88.9	835.3	281.4	558.6	60.6	43.3	3.8	2038.5
Legazpi City, Albay	453.2	364.9	330.6	151.5	239.2	232.8	135.1	238.1	445.5	197.0	689.6	520.5	3998.0
Lumbia Airport, Misamis Oriental	72.6	87.3	42.2	36.8	62.9	253.9	221.2	142.3	169.4	211.0	42.8	44.3	1386.7
Maasin, Southern Leyte	210.3	695.2	84.8	69.5	117.4	183.4	167.2	357.1	465.6	172.1	47.5	260.9	2831.0
Mactan International Airport, Cebu	129.0	152.7	34.7	14.3	93.5	339.7	56.3	210.7	126.3	145.5	49.3	208.9	1560.9
Malaybalay, Bukidnon	107.9	98.5	105.2	42.7	115.9	246.8	275.7	210.6	249.9	350.6	170.5	46.1	2020.4
Masbate, Masbate	202.8	75.7	217.5	40.5	307.0	79.9	282.2	184.0	246.7	111.7	107.0	311.7	2166.7
NAIA (MIA), Pasay City	...	...	...	0.0	...	...	...	...	...	...	...	...	0.0
Port Area (MCO), Manila	56.1	17.4	79.9	0.0	50.6	191.5	569.3	246.4	515.4	199.0	63.7	105.9	2095.2
Puerto Princesa City, Palawan	16.7	0.6	142.3	87.4	189.7	159.7	140.7	369.9	266.6	217.5	95.4	33.1	1719.6
Romblon, Romblon	178.2	87.6	155.8	29.9	362.8	267.1	252.2	334.3	178.4	23.4	356.8	463.2	2689.7
Roxas City, Capiz	48.5	59.0	168.0	16.5	290.0	413.0	115.5	86.5	108.5	299.5	146.8	276.5	2028.3
San Jose, Occidental Mindoro	26.3	...	...	0.0	427.6	310.1	458.4	580.6	404.5	352.3	90.0	106.3	2756.1
Sangley Point, Cavite	77.6	1.4	30.5	0.0	65.2	93.4	559.1	377.7	437.7	132.7	83.1	177.6	2036.0
Science Garden, Quezon City	56.3	6.8	78.5	T	172.8	333.6	662.6	310.1	667.6	212.2	88.7	76.8	2666.0
Sinait, Ilocos Sur	67.4	0.0	T	0.0	140.0	202.2	860.4	298.9	486.7	10.3	54.3	3.1	2123.3
Surigao, Surigao del Norte	698.2	1175.2	306.9	183.6	210.8	106.6	117.4	92.8	88.5	123.3	173.1	474.9	3751.3
Tacloban City, Leyte	233.0	591.9	168.1	82.6	271.2	242.0	187.1	132.5	235.8	114.7	233.2	604.7	3096.8
Tagbilaran City, Bohol	95.7	130.7	183.6	41.5	66.8	125.0	103.6	111.5	72.6	140.5	170.0	157.9	1399.4
Tanay, Rizal	107.9	36.9	...	0.0	142.5	125.2	671.2	205.2	387.0	169.2	183.5	145.4	2174.0
Tayabas, Quezon	266.9	122.8	91.2	0.5	276.7	265.8	261.3	74.4	486.3	168.2	344.2	546.9	2905.2
Tuguegarao, Cagayan	205.1	20.3	53.2	0.0	71.7	45.5	269.4	138.0	109.5	445.1	104.3	326.8	1788.9
Virac Synop, Catanduanes	466.2	254.3	222.4	113.2	133.0	352.8	254.6	181.0	226.4	233.8	406.4	324.6	3168.7
Zamboanga City, Zamboanga del Sur	32.5	118.1	109.9	84.3	122.1	166.2	15.3	143.0	173.9	379.8	77.3	65.6	1488.0

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.2
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2007
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	233.5	88.4	169.0	28.4	244.9	199.3	235.9	98.5	264.0	410.8	763.8	...	2736.5
Ambulong, Batangas	17.4	5.7	11.2	2.9	122.0	71.5	111.3	404.1	253.2	130.0	287.9	117.6	1534.8
Aparri, Cagayan	114.5	5.1	10.8	4.2	63.6	90.8	25.2	170.4	191.0	249.4	356.4	99.9	1381.3
Baguio City, Benguet	T	0.6	31.8	25.4	308.6	368.4	218.8	1201.6	393.8	410.3	444.8	21.6	3425.7
Baler, Aurora (Radar)	144.9	149.5	237.8	218.1	353.2	...	148.1	243.5	238.7	255.3	826.9	...	2816.0
Basco, Batanes (Radar)	238.7	13.8	9.4	14.7	122.1	87.6	30.2	345.6	476.5	284.3	492.7	51.4	2167.0
Borongan, Easter Samar	549.9	245.0	264.4	249.9	177.8	279.0	193.8	216.0	95.0	297.2	604.0	704.0	3876.0
Butuan City, Agusan del Norte	419.6	114.7	121.9	137.7	84.0	249.9	49.8	66.9	77.2	141.0	213.7	180.9	1857.3
Cabanatuan, Nueva Ecija	0.2	T	44.0	29.4	151.6	97.8	256.7	403.0	408.0	171.0	303.8	11.3	1876.8
Calapan, Oriental Mindoro	101.1	12.3	97.6	28.0	250.0	522.4	173.2	149.0	263.1	296.8	240.5	75.8	2209.8
Calayan, Cagayan	331.6	129.6	57.8	46.6	306.2	162.0	59.6	488.6	524.0	523.8	194.8	98.0	2922.6
Casiguran, Aurora	222.0	67.6	270.6	153.7	174.1	337.7	135.2	250.4	355.8	378.8	620.0	555.4	3521.3
Catarman, Northern Samar	471.2	91.5	187.2	60.2	129.0	124.2	172.6	199.1	250.5	607.9	585.8	469.6	3348.8
Catbalogan, Western Samar	314.5	49.1	104.5	61.8	177.6	128.1	286.9	156.1	207.6	329.9	482.5	505.4	2804.0
Clark International Airport, Pampanga	3.8	8.0	40.8	18.8	213.4	179.7	219.3	637.8	435.5	141.3	144.6	7.9	2050.9
Coron, Palawan	7.8	2.7	0.0	0.0	112.4	113.8	304.0	337.5	805.5	347.3	230.9	10.7	2272.6
Cotabato City, Maguindanao	138.3	61.0	47.0	122.0	152.0	342.0	397.0	113.0	221.0	171.0	137.0	130.0	2031.3
Cubi Point, Subic Bay, Olongapo City, Zambales	6.2	0.3	0.7	T	212.9	33.4	416.9	1162.7	997.1	292.7	143.7	8.4	3275.0
Cuyo, Palawan	23.4	0.0	0.0	1.8	283.6	167.8	360.4	178.4	353.4	156.2	92.4	18.6	1636.0
Daet, Camarines Norte	243.8	103.1	58.2	30.9	139.2	230.0	153.4	100.6	186.9	529.0	871.2	987.8	3634.1
Dagupan City, Pangasinan	6.6	4.0	10.5	64.2	134.1	241.9	237.4	709.9	197.4	142.6	194.8	1.2	1944.6
Davao City, Davao Del Sur	152.1	116.6	87.2	72.0	214.4	162.4	153.3	318.5	77.0	249.0	92.0	126.6	1821.1
Dipolog, Zamboanga del Norte	193.3	25.9	5.4	76.0	120.2	403.8	536.4	119.4	115.7	274.4	301.0	163.2	2334.7
Dumaguete City, Negros Oriental	135.6	30.0	17.7	70.6	159.1	289.7	99.1	50.0	194.0	67.9	325.6	98.7	1538.0
General Santos City, South Cotabato	144.6	14.2	67.6	23.3	35.7	104.2	202.2	131.4	59.4	65.9	154.5	143.2	1146.2
Guiuan, Eastern Samar	506.5	172.7	106.8	249.5	50.0	180.2	141.6	70.7	219.0	289.7	702.9	483.4	3173.0
Hinatuan, Surigao del Sur	1424.8	540.1	432.2	517.0	159.6	412.7	256.8	177.4	154.2	257.6	432.8	783.1	5548.3
Iba, Zambales	5.5	0.4	39.6	7.4	125.8	35.8	529.9	1056.8	752.1	296.5	217.8	2.0	3069.6
Infanta, Quezon	344.7	61.4	183.6	251.1	175.0	360.8	222.1	172.9	209.9	436.3	697.6	505.6	3621.0
Itbayat, Batanes	178.4	12.4	8.6	66.4	345.6	66.3	100.6	572.9	514.4	384.8	535.3	15.2	2800.9
Laoag City, Ilocos Norte	0.2	...	3.8	0.4	245.0	198.3	90.3	1063.7	253.2	62.8	123.7	T	2041.4
Legazpi City, Albay	345.4	16.5	233.6	105.2	268.0	90.6	171.8	217.0	531.2	450.7	579.1	599.1	3608.2
Lumbia Airport, Misamis Oriental	85.6	47.4	2.8	24.2	135.2	248.0	212.5	233.1	181.6	209.8	160.8	99.2	1640.2
Maasin, Southern Leyte	420.4	17.6	39.4	28.3	72.7	96.8	121.9	176.8	254.9	272.5	340.9	255.2	2097.4
Mactan International Airport, Cebu	202.4	16.8	11.8	9.8	177.5	185.9	242.1	107.3	248.8	184.3	234.3	136.5	1757.5
Malaybalay, Bukidnon	178.2	29.6	37.8	157.6	268.4	250.5	266.2	436.8	334.3	385.7	331.4	121.3	2797.8
Masbate, Masbate	297.3	59.0	50.9	9.8	165.1	68.8	159.1	140.8	302.3	134.8	336.1	144.8	1868.8
NAIA (MIA), Pasay City	...	...	...	...	...	...	...	...	...	...	...	...	0.0
Port Area (MCO), Manila	1.2	15.0	28.0	27.2	107.3	41.4	186.6	620.2	400.8	212.1	289.5	48.2	1977.5
Puerto Princesa City, Palawan	6.0	T	41.2	85.4	109.6	111.4	117.6	127.6	190.6	148.5	410.0	133.7	1481.6
Romblon, Romblon	190.3	47.6	52.5	40.0	151.0	108.9	365.2	368.6	481.0	407.7	751.4	260.6	3224.8
Roxas City, Capiz	117.5	29.0	7.5	47.0	120.0	501.0	270.5	123.0	377.0	363.5	265.0	167.5	2388.5
San Jose, Occidental Mindoro	6.3	T	0.2	3.2	91.4	141.0	428.5	...	...	...	191.2	21.0	882.8
Sangley Point, Cavite	2.3	3.2	1.0	2.0	126.8	134.6	224.8	737.6	394.9	200.2	241.6	55.4	2124.4
Science Garden, Quezon City	2.2	24.1	21.9	25.8	258.3	99.4	205.9	669.9	437.6	220.2	284.6	52.2	2302.1
Sinait, Ilocos Sur	0.6	0.0	6.4	T	224.0	146.2	124.1	1094.8	208.2	69.7	236.3	T	2110.3
Surigao, Surigao del Norte	839.7	184.5	212.5	264.7	71.5	127.4	120.2	74.4	204.7	363.0	692.3	527.7	3682.6
Tacloban City, Leyte	344.9	108.4	90.5	98.1	142.0	275.4	...	217.5	121.8	247.9	364.7	330.6	2341.8
Tagbilaran City, Bohol	185.5	25.1	31.8	26.2	124.1	244.1	141.3	50.5	154.2	214.6	161.3	170.4	1529.1
Tanay, Rizal	42.3	12.6	35.6	19.2	86.1	202.7	187.1	720.7	387.9	292.7	358.5	209.3	2554.7
Tayabas, Quezon	169.2	129.0	31.2	81.7	106.4	146.1	93.9	170.2	182.5	333.9	473.2	495.6	2412.9
Tuguegarao, Cagayan	25.3	3.3	67.2	29.2	78.9	208.2	88.4	223.9	211.2	...	280.7	64.3	1280.6
Virac Synop, Catanduanes	217.1	73.1	196.6	106.4	246.1	155.5	115.6	230.6	133.4	833.0	958.0	240.4	3505.8
Zamboanga City, Zamboanga del Sur	102.8	33.3	32.8	70.2	86.8	...	284.8	213.3	197.0	288.7	...	98.9	1408.6

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.3
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2008
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	602.8	680.0	...	...	...	...	...	...	236.9	374.0	...	...	1893.7
Ambulong, Batangas	64.9	29.1	18.5	30.7	187.2	436.5	120.9	177.1	224.8	142.5	58.1	68.0	1558.3
Aparri, Cagayan	151.2	100.2	37.1	23.4	120.5	112.5	333.2	332.8	390.5	120.1	411.5	53.4	2186.4
Baguio City, Benguet	24.0	97.0	78.7	149.8	839.7	307.0	681.2	1869.5	760.4	178.0	82.6	T	5067.9
Baler, Aurora (Radar)	379.4	325.9	171.9	245.8	288.4	288.5	112.3	222.7	106.1	493.1	587.3	122.3	3343.7
Basco, Batanes (Radar)	290.9	240.4	45.8	10.6	149.0	66.0	404.5	356.0	322.6	323.8	235.4	102.9	2547.9
Borongan, Easter Samar	879.5	2132.4	454.3	641.9	265.7	422.0	220.5	243.9	245.5	410.5	737.8	843.3	7497.3
Butuan City, Agusan del Norte	278.9	269.5	273.6	188.0	101.7	181.4	92.8	114.4	179.2	211.0	235.9	246.9	2373.3
Cabanatuan, Nueva Ecija	85.8	18.0	36.2	43.5	372.8	199.0	322.6	430.4	296.4	200.1	138.7	9.0	2152.5
Calapan, Oriental Mindoro	399.8	154.3	27.8	291.6	303.8	260.5	110.3	63.8	318.2	243.8	999.2	106.4	3279.5
Calayan, Cagayan	512.2	160.6	54.4	15.6	155.2	58.6	...	...	...	...	...	...	956.6
Casiguran, Aurora	433.6	377.0	84.9	166.9	428.2	180.7	199.1	216.1	191.4	704.1	1499.1	346.1	4827.2
Catarman, Northern Samar	448.6	1244.0	417.6	485.0	165.3	258.9	257.4	294.1	260.0	307.8	324.1	1052.7	5515.5
Catbalogan, Western Samar	326.3	1111.0	223.5	198.1	468.0	364.5	188.7	236.6	280.7	276.1	319.2	442.4	4435.1
Clark International Airport, Pampanga	25.4	4.6	57.0	9.4	279.3	270.3	292.8	358.4	297.0	115.3	131.9	2.4	1843.8
Coron, Palawan	38.7	24.4	14.2	141.7	360.0	321.9	285.5	246.0	522.8	159.1	72.6	52.6	2239.5
Cotabato City, Maguindanao	116.0	133.0	289.6	375.0	545.0	586.0	217.0	219.0	338.0	270.0	307.0	118.0	3513.6
Cubi Point, Subic Bay, Olongapo City, Zambales	28.7	21.5	25.5	14.6	374.0	350.1	502.7	566.5	1165.8	88.2	241.3	T	3378.9
Cuyo, Palawan	52.5	13.2	37.8	102.0	310.8	287.0	375.2	334.2	472.4	151.8	97.4	24.0	2258.3
Daet, Camarines Norte	483.0	1006.6	309.9	164.0	172.6	142.3	193.9	163.4	317.5	405.2	717.5	1338.1	5414.0
Dagupan City, Pangasinan	5.0	27.0	47.4	86.2	426.3	208.1	319.3	615.3	371.2	35.9	28.7	0.0	2170.4
Davao City, Davao Del Sur	172.6	161.3	226.5	115.9	167.8	391.8	177.8	57.7	324.7	175.8	310.9	68.1	2350.9
Dipolog, Zamboanga del Norte	238.5	348.3	136.8	236.6	175.8	327.4	139.3	143.2	328.9	314.5	371.4	403.2	3163.9
Dumaguete City, Negros Oriental	170.6	78.7	161.7	202.0	235.8	265.2	35.5	65.1	133.0	209.9	249.9	156.7	1964.1
General Santos City, South Cotabato	94.3	89.7	104.8	77.2	107.9	206.9	51.9	123.6	153.4	110.8	86.2	10.6	1217.3
Guiuan, Eastern Samar	465.4	1374.5	557.9	344.0	127.8	310.5	333.0	352.5	257.6	293.5	358.6	641.0	5416.3
Hinatuan, Surigao del Sur	589.2	790.1	673.5	472.9	258.5	298.8	193.6	162.8	292.1	405.9	826.7	598.5	5562.6
Iba, Zambales	14.8	23.4	16.3	35.2	309.1	366.5	490.1	651.2	871.2	91.9	174.6	10.0	3054.3
Infanta, Quezon	518.2	799.3	321.1	346.9	320.4	275.1	252.9	278.2	196.0	927.2	897.5	952.2	6085.0
Itbayat, Batanes	281.1	130.4	20.0	63.1	38.1	112.7	555.7	588.9	325.9	242.5	255.1	107.0	2720.5
Laoag City, Ilocos Norte	T	2.0	0.0	0.1	66.4	36.2	1505.0	821.8	478.1	38.5	68.4	0.0	3016.5
Legazpi City, Albay	323.0	1082.0	287.8	516.8	423.7	144.8	261.9	246.9	297.0	256.2	440.6	502.7	4783.4
Lumbia Airport, Misamis Oriental	183.8	90.1	83.4	165.8	170.7	228.2	240.7	193.2	279.1	253.2	101.4	143.4	2133.0
Maasin, Southern Leyte	434.5	167.0	241.4	109.9	276.6	177.8	244.5	176.1	202.4	198.2	271.5	259.1	2759.0
Mactan International Airport, Cebu	176.6	69.2	154.0	173.6	380.8	120.6	235.3	159.9	139.8	142.0	110.3	137.8	1999.9
Malaybalay, Bukidnon	206.4	180.0	105.3	181.6	211.5	231.9	339.0	438.4	293.2	350.9	175.2	272.8	2986.2
Masbate, Masbate	264.8	325.2	39.1	128.6	314.0	200.9	143.8	203.1	152.6	99.7	74.9	477.9	2424.6
NAIA (MIA), Pasay City	...	...	...	...	...	...	...	...	...	...	...	...	0.0
Port Area (MCO), Manila	58.5	20.7	19.9	40.1	218.4	233.4	365.0	547.3	388.9	125.1	127.8	54.6	2199.7
Puerto Princesa City, Palawan	204.3	86.7	1.5	185.4	213.9	190.2	123.1	95.9	284.3	312.7	445.0	198.7	2341.7
Romblon, Romblon	279.7	295.6	78.8	267.3	718.5	543.0	166.1	189.3	357.4	350.5	404.8	344.0	3995.0
Roxas City, Capiz	167.2	167.5	76.5	173.5	223.0	783.0	431.5	238.0	493.5	363.5	468.0	303.0	3888.2
San Jose, Occidental Mindoro	69.9	23.6	8.9	59.1	205.9	214.6	298.4	294.3	623.4	160.3	115.1	30.2	2103.7
Sangley Point, Cavite	52.6	18.2	0.8	5.6	258.4	325.7	234.2	411.8	433.1	215.4	95.6	51.3	2102.7
Science Garden, Quezon City	47.1	23.9	38.9	35.5	261.8	361.4	225.3	430.4	447.7	249.4	187.9	70.0	2379.3
Sinait, Ilocos Sur	0.2	4.0	T	9.8	61.6	27.0	874.8	1028.9	517.3	27.6	47.8	0.0	2599.0
Surigao, Surigao del Norte	952.5	692.9	662.2	222.5	106.5	250.1	131.4	92.3	301.6	227.6	920.3	593.1	5153.0
Tacloban City, Leyte	542.7	889.1	284.6	297.6	194.2	369.8	130.9	198.5	136.6	287.8	369.8	407.2	4108.8
Tagbilaran City, Bohol	264.7	202.8	236.5	107.1	179.2	294.0	155.3	241.0	131.1	176.2	120.9	164.3	2273.1
Tanay, Rizal	148.7	77.3	1.0	59.3	364.2	306.2	373.4	392.8	541.9	368.4	337.8	256.1	3227.1
Tayabas, Quezon	310.4	204.2	61.3	157.2	227.0	460.1	136.1	175.0	238.4	455.5	379.7	2.4	2807.3
Tuguegarao, Cagayan	57.2	53.2	6.5	69.0	170.1	39.5	256.6	384.7	214.3	73.5	587.5	28.3	1940.4
Virac Synop, Catanduanes	399.9	607.8	237.4	385.6	202.0	285.4	97.2	172.8	426.6	200.6	421.1	596.7	4033.1
Zamboanga City, Zamboanga del Sur	117.1	149.0	93.6	84.6	267.1	392.7	157.2	215.0	188.5	181.4	166.4	14.0	2026.6

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.4
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2009
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	423.4	209.6	200.6	536.5	302.2	...	186.4	32.0	...	...	489.8	...	2380.5
Ambulong, Batangas	34.2	72.9	29.8	97.5	351.5	220.3	213.4	185.4	584.8	267.3	60.9	10.1	2128.1
Aparri, Cagayan	94.8	58.0	13.7	245.5	65.9	90.4	378.8	177.6	348.7	363.5	143.7	123.3	2103.9
Baguio City, Benguet	7.2	64.5	82.9	407.3	398.5	810.0	758.4	1087.7	516.9	1981.8	22.2	0.0	6137.4
Baler, Aurora (Radar)	39.4	225.6	209.4	...	610.8	203.0	175.5	105.8	295.4	404.6	185.1	122.7	2577.3
Basco, Batanes (Radar)	38.4	13.8	60.5	190.1	24.2	156.8	158.7	311.1	232.8	582.3	72.0	22.5	1863.2
Borongan, Easter Samar	1114.5	837.1	374.5	209.1	279.4	210.8	173.7	225.4	147.4	269.3	588.3	575.5	5005.0
Butuan City, Agusan del Norte	470.5	401.7	121.7	130.5	159.6	114.1	95.0	90.6	43.1	45.2	472.1	166.1	2310.2
Cabanatuan, Nueva Ecija	T	13.2	16.2	236.3	172.0	510.9	454.2	344.5	527.1	352.5	44.8	1.0	2672.7
Calapan, Oriental Mindoro	64.6	40.0	91.0	322.6	447.6	186.2	166.8	94.8	257.6	177.0	110.8	48.8	2007.8
Calayan, Cagayan	108.5	40.7	62.8	235.0	117.2	46.8	272.8	125.8	402.2	392.6	169.8	82.4	2056.6
Casiguran, Aurora	94.4	460.6	271.6	486.2	447.0	262.3	311.9	218.4	371.3	448.0	418.7	...	3790.4
Catarman, Northern Samar	1088.0	396.0	201.0	229.1	132.9	111.2	154.7	103.6	122.1	211.1	372.8	392.2	3514.7
Catbalogan, Western Samar	292.7	349.7	136.8	296.8	145.4	551.7	141.2	237.4	180.1	260.0	242.5	208.8	3043.1
Clark International Airport, Pampanga	T	21.4	...	126.5	506.7	621.2	343.5	318.6	547.6	219.1	40.1	5.2	2749.9
Coron, Palawan	42.9	30.5	0.0	130.1	340.5	528.4	820.8	368.4	657.4	210.2	25.7	1.4	3156.3
Cotabato City, Maguindanao	140.0	128.0	135.0	370.0	395.0	301.0	1151.0	173.0	549.1	236.0	196.0	119.0	3893.1
Cubi Point, Subic Bay, Olongapo City, Zambales	0.5	4.2	17.3	210.6	331.4	925.2	812.9	277.5	1259.2	208.2	23.5	T	4070.5
Cuyo, Palawan	T	3.8	T	272.4	399.4	423.8	460.6	272.4	323.4	182.0	46.6	0.0	2384.4
Daet, Camarines Norte	315.7	275.8	177.9	746.4	546.1	155.9	305.3	182.8	364.6	495.1	421.5	116.7	4103.8
Dagupan City, Pangasinan	0.8	T	26.1	221.7	285.9	547.0	488.5	394.0	531.9	807.2	3.0	0.0	3306.1
Davao City, Davao Del Sur	232.8	175.1	92.6	158.9	185.2	193.9	240.3	175.6	109.0	59.3	137.1	47.0	1806.8
Dipolog, Zamboanga del Norte	323.0	141.8	359.9	113.9	388.6	195.3	255.8	82.3	222.3	145.4	502.0	79.5	2809.8
Dumaguete City, Negros Oriental	150.0	384.2	10.4	122.9	101.7	72.2	220.5	103.6	129.2	148.0	81.4	55.1	1579.2
General Santos City, South Cotabato	69.1	75.5	79.6	84.9	92.1	109.4	96.1	54.2	54.7	46.8	32.6	10.4	805.4
Guiuan, Eastern Samar	843.6	429.4	249.9	175.8	194.7	221.3	124.1	129.2	83.8	104.3	461.2	394.0	3411.3
Hinatuan, Surigao del Sur	833.6	1284.4	707.3	348.8	469.1	279.4	132.8	267.4	152.9	266.5	789.8	...	5532.0
Iba, Zambales	3.0	21.2	20.0	180.0	257.7	1006.5	981.3	323.6	1269.2	263.6	2.4	0.0	4328.5
Infanta, Quezon	930.7	243.1	417.9	541.3	565.3	169.6	98.4	162.3	340.2	210.4	296.5	185.8	4161.5
Itbayat, Batanes	41.4	18.9	47.9	210.1	43.4	75.0	160.3	406.5	212.0	558.1	66.3	23.3	1863.2
Laoag City, Ilocos Norte	T	T	0.1	200.6	122.7	210.5	1003.5	216.3	355.9	860.4	11.1	0.0	2981.1
Legazpi City, Albay	275.1	418.8	282.2	466.0	602.8	263.3	256.7	178.3	244.1	391.8	384.3	150.1	3913.5
Lumbia Airport, Misamis Oriental	457.0	207.1	1.0	136.8	233.7	189.9	307.8	138.7	209.7	105.1	329.3	36.0	2352.1
Maasin, Southern Leyte	158.1	259.3	80.6	170.1	112.5	162.4	138.7	119.4	129.9	82.1	275.6	134.9	1823.6
Mactan International Airport, Cebu	33.2	132.0	46.6	107.2	131.2	149.1	120.6	106.7	113.3	46.2	168.2	63.8	1218.1
Malaybalay, Bukidnon	312.2	179.8	63.8	377.5	250.2	301.7	553.2	208.8	292.5	234.0	165.3	61.7	3000.7
Masbate, Masbate	232.5	138.9	43.5	274.2	259.7	186.6	188.8	122.5	260.7	170.3	152.2	82.8	2112.7
NAIA (MIA), Pasay City	...	...	...	...	...	...	...	...	...	...	...	...	0.0
Port Area (MCO), Manila	10.3	26.1	60.9	111.6	294.6	386.9	598.8	307.4	839.2	243.4	64.8	2.2	2946.2
Puerto Princesa City, Palawan	7.3	20.2	64.3	71.9	182.8	441.2	228.5	124.9	210.6	257.8	25.8	4.2	1639.5
Romblon, Romblon	92.2	160.1	143.2	410.5	505.4	457.4	380.7	169.1	499.3	177.6	137.2	135.4	3268.1
Roxas City, Capiz	74.5	112.5	12.0	344.0	404.5	326.0	218.0	105.5	122.5	154.0	149.9	58.5	2081.9
San Jose, Occidental Mindoro	0.3	14.5	0.8	127.7	301.0	562.5	694.5	311.4	780.6	185.5	18.2	8.7	3005.7
Sangley Point, Cavite	22.8	19.8	49.2	171.6	265.0	476.2	538.5	228.5	786.8	219.1	36.4	9.2	2823.1
Science Garden, Quezon City	43.1	10.4	93.7	138.5	268.4	438.1	660.8	408.1	1123.5	272.3	54.1	6.6	3517.6
Sinait, Ilocos Sur	T	0.0	T	189.5	277.6	315.0	1092.9	235.3	543.6	901.0	3.2	0.0	3558.1
Surigao, Surigao del Norte	578.9	993.5	413.1	182.5	157.2	167.2	116.0	98.9	140.4	97.6	744.7	561.8	4251.8
Tacloban City, Leyte	275.4	417.8	166.1	202.2	218.7	189.5	223.2	120.1	89.8	109.6	375.6	406.6	2794.6
Tagbilaran City, Bohol	67.1	190.3	160.8	174.6	113.0	163.2	116.5	30.6	74.2	22.7	294.6	56.6	1464.2
Tanay, Rizal	101.3	44.0	58.5	307.1	316.7	530.8	655.6	476.6	1076.0	562.1	118.9	32.2	4279.8
Tayabas, Quezon	120.0	164.9	253.5	911.3	232.9	296.0	155.2	100.9	327.3	344.2	400.3	119.3	3425.8
Tuguegarao, Cagayan	6.6	146.1	14.0	224.1	145.8	186.1	277.8	135.3	389.0	595.4	147.6	32.8	2300.6
Virac Synop, Catanduanes	544.0	280.1	216.5	580.9	532.6	143.3	238.9	123.3	173.7	489.0	231.7	115.8	3669.8
Zamboanga City, Zamboanga del Sur	68.3	59.4	105.5	149.2	124.8	57.2	181.1	45.9	343.4	156.8	123.8	68.6	1484.0

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.5
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2010
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	243.0	2.8	99.7	35.0	23.2	87.2	...	283.0	265.6	368.6	636.3	564.1	2608.5
Ambulong, Batangas	6.5	1.0	6.5	11.5	30.0	147.6	398.2	136.0	67.0	279.5	84.2	45.4	1213.4
Aparri, Cagayan	41.0	41.3	2.0	74.6	103.5	93.5	77.8	148.0	129.2	259.9	648.0	216.5	1835.3
Baguio City, Benguet	T	T	15.3	148.6	242.6	254.0	543.7	536.6	296.8	920.1	226.4	47.4	3231.5
Baler, Aurora (Radar)	337.5	122.7	...	...	...	250.9	675.4	257.6	199.7	312.0	553.9	65.6	2775.3
Basco, Batanes (Radar)	69.1	88.5	43.9	62.5	198.2	290.0	103.3	644.6	418.2	171.9	637.7	52.0	2779.9
Borongan, Easter Samar	660.8	88.7	262.4	186.3	38.8	109.3	316.7	217.6	300.5	541.1	581.6	814.9	4118.7
Butuan City, Agusan del Norte	510.1	69.2	122.9	123.8	120.5	66.4	124.0	197.9	49.3	136.3	110.6	143.2	1774.2
Cabanatuan, Nueva Ecija	0.2	T	6.0	75.8	9.4	170.8	355.8	241.6	162.5	169.2	122.5	23.2	1337.0
Calapan, Oriental Mindoro	56.2	1.1	84.2	76.0	76.2	209.1	440.0	174.7	369.4	580.5	528.1	163.6	2759.1
Calayan, Cagayan	68.2	3.8	41.6	115.4	146.4	475.6	65.8	235.0	284.8	139.9	500.6	120.7	2197.8
Casiguran, Aurora	274.8	31.4	...	294.4	74.4	137.7	523.2	250.5	203.0	...	1065.9	...	2855.3
Catarman, Northern Samar	466.8	32.4	93.2	87.5	20.2	91.8	251.2	139.6	229.1	324.8	374.9	1129.7	3241.2
Catbalogan, Western Samar	277.9	7.9	141.1	63.9	73.2	99.9	402.3	281.8	456.6	352.5	193.4	248.9	2599.4
Clark International Airport, Pampanga	18.8	T	3.6	36.8	27.6	214.6	265.0	284.6	179.5	356.8	206.2	20.2	1613.7
Coron, Palawan	16.6	0.0	T	2.6	31.4	140.7	210.9	417.6	197.5	366.8	269.7	63.5	1717.3
Cotabato City, Maguindanao	150.0	94.8	51.4	155.9	468.0	293.3	384.5	239.4	302.4	505.5	274.0	263.2	3182.4
Cubi Point, Subic Bay, Olongapo City, Zambales	2.1	0.0	4.2	9.5	84.6	216.5	347.0	474.8	277.1	401.6	59.6	41.2	1918.2
Cuyo, Palawan	0.0	0.0	9.2	1.2	46.4	...	...	416.6	139.9	...	...	64.2	677.5
Daet, Camarines Norte	297.2	24.4	130.2	41.1	52.6	326.5	551.7	293.2	365.3	546.7	887.9	1186.3	4703.1
Dagupan City, Pangasinan	0.2	1.0	T	94.1	122.0	278.2	265.2	489.8	164.2	582.2	199.5	4.2	2200.6
Davao City, Davao Del Sur	157.5	16.0	52.9	124.0	57.3	87.8	251.6	281.8	117.6	179.7	88.0	199.6	1613.8
Dipolog, Zamboanga del Norte	115.2	13.2	3.0	28.0	113.4	233.5	360.2	407.1	147.9	371.0	382.7	608.7	2783.9
Dumaguete City, Negros Oriental	143.1	6.9	16.8	23.4	35.3	82.3	180.4	212.0	200.1	185.5	...	106.4	1192.2
General Santos City, South Cotabato	181.6	12.6	31.8	59.6	210.3	38.2	168.8	73.8	51.5	85.0	49.5	156.3	1119.0
Guiuan, Eastern Samar	464.2	62.2	78.7	99.4	53.1	101.1	257.3	249.3	374.3	381.6	421.0	527.6	3069.8
Hinatuan, Surigao del Sur	986.0	247.2	407.6	440.0	648.1	121.3	352.4	385.4	106.6	334.2	545.7	735.6	5310.1
Iba, Zambales	0.4	0.0	6.4	27.4	107.0	315.6	284.7	787.4	356.3	461.2	112.5	T	2458.9
Infanta, Quezon	179.1	31.3	142.8	...	102.9	118.0	679.3	222.7	229.8	415.9	932.6	753.8	3808.2
Itbayat, Batanes	122.9	19.2	82.8	33.9	399.7	298.0	137.8	391.5	352.6	134.7	412.9	135.2	2521.2
Laoag City, Ilocos Norte	T	0.0	0.0	37.6	1327.0	292.2	268.5	452.0	341.3	105.9	48.4	T	2872.9
Legazpi City, Albay	209.3	30.4	86.5	145.3	50.5	80.1	183.3	223.5	249.4	316.4	423.4	1047.0	3045.1
Lumbia Airport, Misamis Oriental	152.2	0.4	23.3	16.4	153.5	155.3	353.2	212.0	258.8	280.1	62.8	131.9	1799.9
Maasin, Southern Leyte	192.8	23.9	29.8	21.6	21.1	47.1	79.7	153.4	200.4	150.8	81.1	113.0	1114.7
Mactan International Airport, Cebu	80.6	16.0	11.7	30.5	2.4	200.6	344.3	203.4	189.0	289.2	222.6	116.6	1706.9
Malaybalay, Bukidnon	131.9	75.3	32.7	48.4	122.1	416.5	317.2	474.3	349.0	605.8	61.8	191.5	2826.5
Masbate, Masbate	186.4	12.0	30.5	10.2	56.8	53.3	258.5	212.2	121.3	248.6	130.1	238.6	1558.5
NAIA (MIA), Pasay City	...	0.0	...	...	...	...	...	...	...	...	...	...	0.0
Port Area (MCO), Manila	6.0	T	6.2	13.7	13.8	348.1	347.3	312.6	362.1	289.4	197.8	65.2	1962.2
Puerto Princesa City, Palawan	33.5	1.3	2.1	100.7	49.6	124.1	153.5	135.3	57.5	213.1	274.4	346.0	1491.1
Romblon, Romblon	91.2	2.6	26.5	7.8	28.8	291.9	446.3	459.0	613.6	582.9	344.6	256.5	3151.7
Roxas City, Capiz	55.0	7.0	10.0	36.5	73.0	160.5	445.5	346.0	306.0	424.0	255.5	335.2	2454.2
San Jose, Occidental Mindoro	9.3	0.0	0.3	0.0	22.4	115.0	324.7	276.7	76.7	336.4	98.9	20.2	1280.6
Sangley Point, Cavite	5.8	0.0	10.4	45.4	36.8	151.2	355.9	375.2	291.8	444.7	240.9	98.0	2056.1
Science Garden, Quezon City	5.1	T	2.4	20.1	62.0	355.5	410.4	628.1	386.6	413.5	254.5	136.9	2675.1
Sinait, Ilocos Sur	0.0	0.0	0.0	10.4	258.1	242.8	170.0	472.0	390.5	...	18.3	T	1562.1
Surigao, Surigao del Norte	1002.4	198.8	120.1	165.4	84.2	33.4	167.5	208.4	48.7	202.4	176.6	390.0	2797.9
Tacloban City, Leyte	403.8	21.5	91.4	80.1	91.4	107.7	239.2	170.2	140.6	325.2	204.0	259.7	2134.8
Tagbilaran City, Bohol	100.4	20.9	31.2	89.5	47.3	148.8	164.3	137.8	206.5	305.1	140.6	...	1392.4
Tanay, Rizal	40.4	2.4	17.2	24.6	61.4	132.2	317.7	311.1	223.0	244.8	311.5	189.9	1876.2
Tayabas, Quezon	145.9	16.8	120.3	41.0	38.1	159.4	513.7	100.3	286.5	733.6	474.7	622.0	3252.3
Tuguegarao, Cagayan	15.9	0.0	6.1	70.8	58.1	129.4	147.5	98.3	126.9	270.1	720.9	48.8	1692.8
Virac Synop, Catanduanes	217.1	46.5	78.2	109.9	20.1	86.5	383.4	289.8	407.3	494.8	358.4	763.7	3255.7
Zamboanga City, Zamboanga del Sur	73.1	13.8	79.8	123.4	81.8	115.9	234.5	193.6	180.2	186.1	149.1	103.5	1534.8

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.6
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2011
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	195.7	401.1	326.0	19.9	251.2	...	...	...	...	...	...	...	1193.9
Ambulong, Batangas	21.2	T	37.6	10.3	138.5	513.2	351.3	334.6	199.7	177.5	137.4	143.4	2064.7
Aparri, Cagayan	134.2	29.0	133.4	52.0	194.0	102.0	137.0	232.0	269.7	353.0	352.0	596.0	2584.3
Baguio City, Benguet	96.0	13.8	93.4	11.9	462.5	529.1	427.5	1096.3	619.7	332.4	81.6	67.4	3831.6
Baler, Aurora (Radar)	238.8	17.0	170.2	217.2	212.8	594.0	317.3	200.2	354.6	367.5	855.5	572.0	4117.1
Basco, Batanes (Radar)	404.9	33.0	129.3	20.8	202.9	68.0	267.5	241.5	382.8	583.1	410.7	342.5	3087.0
Borongan, Easter Samar	1428.8	448.1	1360.2	318.8	426.4	397.6	330.6	207.4	138.5	391.6	697.4	832.5	6977.9
Butuan City, Agusan del Norte	735.3	512.8	336.9	70.9	167.0	255.6	192.2	132.5	93.2	271.3	157.2	343.9	3268.8
Cabanatuan, Nueva Ecija	36.4	0.4	19.6	8.8	295.9	337.6	163.9	243.8	453.2	228.1	220.6	79.4	2087.7
Calapan, Oriental Mindoro	93.8	32.2	63.0	65.5	189.7	421.0	268.4	353.3	103.4	393.4	393.2	405.1	2782.0
Calayan, Cagayan	362.2	11.4	198.8	7.8	104.2	94.8	180.4	406.1	650.8	301.8	240.6	611.0	3169.9
Casiguran, Aurora	471.4	88.0	338.2	373.7	314.1	219.5	498.6	183.2	501.3	662.7	985.7	1103.7	5740.1
Catarman, Northern Samar	1524.2	511.1	1516.7	273.3	855.9	273.7	442.4	158.3	86.3	224.2	495.8	721.4	7083.3
Catbalogan, Western Samar	1004.2	135.1	823.6	173.9	669.6	236.6	467.1	245.5	455.9	408.5	231.2	387.4	5238.6
Clark International Airport, Pampanga	8.0	24.2	41.0	9.6	240.7	513.0	406.0	323.3	415.6	180.3	172.1	103.1	2436.9
Coron, Palawan	39.1	33.9	4.7	16.4	216.7	344.6	403.9	592.0	625.4	302.1	45.7	144.5	2769.0
Cotabato City, Maguindanao	130.9	212.9	220.2	76.3	272.7	456.5	346.1	291.1	196.5	291.2	177.9	120.9	2793.2
Cubi Point, Subic Bay, Olongapo City, Zambales	2.1	T	3.4	0.1	337.0	1327.0	957.9	1170.9	1277.0	272.6	91.3	23.7	5463.0
Cuyo, Palawan	39.2	34.8	13.6	26.6	219.8	238.6	420.0	219.0	285.4	252.4	83.8	201.4	2034.6
Daet, Camarines Norte	386.3	616.9	424.7	81.2	607.6	155.3	593.9	129.3	365.0	362.0	713.0	657.7	5092.9
Dagupan City, Pangasinan	1.0	12.0	5.6	48.6	309.7	747.2	403.3	826.9	419.3	167.7	101.7	25.0	3068.0
Davao City, Davao Del Sur	231.8	144.9	97.2	225.7	175.9	243.2	205.1	261.5	304.9	177.6	116.9	160.4	2345.1
Dipolog, Zamboanga del Norte	265.2	318.7	339.0	120.3	310.8	249.5	211.3	231.0	162.8	351.5	556.5	442.2	3558.8
Dumaguete City, Negros Oriental	158.4	140.4	180.1	19.4	212.6	265.1	204.8	158.9	125.5	130.8	145.2	336.5	2077.7
General Santos City, South Cotabato	79.3	77.4	66.0	57.8	101.6	89.9	50.8	137.9	85.3	83.2	42.1	72.3	943.6
Guiuan, Eastern Samar	932.3	590.9	983.8	178.1	269.0	361.5	268.6	162.8	295.0	328.5	541.4	571.4	5483.3
Hinatuan, Surigao del Sur	1596.4	1126.8	862.6	326.0	448.8	357.8	449.7	436.6	231.4	325.2	735.7	1197.2	8094.2
Iba, Zambales	0.6	21.2	7.4	39.2	704.4	1224.1	868.8	1055.3	766.0	273.2	31.1	54.1	5045.4
Infanta, Quezon	595.8	266.1	481.8	144.4	134.5	412.5	250.7	214.0	102.7	595.9	976.9	1010.0	5185.3
Itbayat, Batanes	281.8	60.8	40.5	24.8	152.4	149.4	274.7	327.6	185.9	496.1	386.4	292.4	2672.8
Laoag City, Ilocos Norte	16.2	10.4	2.9	T	74.2	275.6	298.9	861.8	895.6	53.4	25.6	21.6	2536.2
Legazpi City, Albay	701.2	80.5	496.6	119.1	371.3	538.8	722.8	293.9	337.2	257.6	541.5	739.3	5199.8
Lumbia Airport, Misamis Oriental	180.8	166.2	131.3	34.9	118.3	231.8	182.5	226.8	232.3	209.5	115.8	333.6	2163.8
Maasin, Southern Leyte	1143.5	335.0	741.7	62.7	216.3	248.1	241.1	270.1	282.5	354.6	176.6	443.8	4516.0
Mactan International Airport, Cebu	405.9	107.3	127.3	15.2	107.5	216.8	245.6	275.5	137.9	227.9	87.8	411.0	2365.7
Malaybalay, Bukidnon	380.5	269.5	113.4	72.9	419.7	379.6	494.9	517.9	279.6	263.2	253.7	301.4	3746.3
Masbate, Masbate	494.2	83.1	431.8	84.3	408.8	198.5	271.3	107.0	139.3	141.5	222.4	270.3	2852.5
NAIA (MIA), Pasay City	64.0	1.0	69.0	6.0	346.0	...	298.0	306.5	287.5	188.0	151.5	156.0	1873.5
Port Area (MCO), Manila	87.1	0.5	36.1	3.2	201.6	879.3	554.3	512.7	316.0	259.3	212.3	185.9	3248.3
Puerto Princesa City, Palawan	197.0	61.5	125.1	59.5	277.5	122.9	165.8	156.3	224.0	102.1	111.1	306.6	1909.4
Romblon, Romblon	212.8	71.5	234.4	106.6	248.9	...	468.2	418.5	207.3	373.5	298.5	337.9	2978.1
Roxas City, Capiz	150.5	14.0	195.0	23.0	199.5	237.0	150.0	268.5	115.0	480.5	253.5	271.0	2357.5
San Jose, Occidental Mindoro	29.9	2.4	11.4	6.6	320.0	523.3	725.5	783.3	619.8	274.6	96.0	89.4	3482.2
Sangley Point, Cavite	69.7	T	48.0	3.0	251.7	744.5	393.1	486.6	423.1	172.1	156.2	198.5	2946.5
Science Garden, Quezon City	155.3	0.2	32.8	3.6	312.3	724.7	548.2	634.4	446.4	284.6	271.3	219.9	3633.7
Sinait, Ilocos Sur	2.0	11.6	...	0.0	76.9	576.4	286.2	658.0	450.5	47.4	16.2	16.5	2141.7
Surigao, Surigao del Norte	1812.4	983.3	1239.0	334.8	193.4	261.5	111.2	86.8	173.0	242.8	311.5	794.1	6543.8
Tacloban City, Leyte	960.8	301.7	1274.4	143.7	229.7	245.0	224.5	121.6	163.5	190.7	296.9	616.3	4768.8
Tagbilaran City, Bohol	337.9	140.6	289.5	50.3	165.8	204.0	169.8	105.6	176.8	142.0	82.4	232.8	2097.5
Tanay, Rizal	128.0	12.2	137.3	25.9	243.0	570.6	304.5	455.2	516.8	228.7	364.1	355.1	3341.4
Tayabas, Quezon	170.1	72.7	207.1	116.3	168.6	408.4	191.3	157.2	236.1	358.8	601.2	456.2	3144.0
Tuguegarao, Cagayan	67.7	6.1	19.5	21.3	291.3	25.7	121.3	425.6	297.6	279.9	388.0	330.7	2274.7
Virac Synop, Catanduanes	480.4	112.7	386.6	60.4	526.4	351.4	592.5	185.8	349.8	227.9	802.4	536.8	4613.1
Zamboanga City, Zamboanga del Sur	180.7	151.0	144.2	42.7	108.2	50.9	84.5	111.0	83.2	125.5	83.0	70.6	1235.5

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.7
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2012
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	322.9	375.4	399.7	16.5	266.4	46.1	597.7	75.8	200.1	302.2	177.4	370.3	3150.5
Ambulong, Batangas	51.7	43.4	66.7	T	119.5	210.7	673.7	603.5	280.1	377.3	28.4	21.2	2476.2
Aparri, Cagayan	69.0	83.0	91.5	58.0	155.5	235.0	213.0	233.5	110.0	175.0	246.5	163.5	1833.5
Baguio City, Benguet	17.5	80.8	151.9	72.6	187.7	659.0	1020.0	2200.7	288.3	72.4	57.8	10.8	4819.5
Baler, Aurora (Radar)	166.8	290.9	464.3	139.7	151.4	39.8	322.5	181.3	648.4	687.2	244.0	287.8	3624.1
Basco, Batanes (Radar)	195.2	88.6	112.0	118.0	198.7	225.0	602.6	294.3	281.3	15.4	126.3	237.5	2494.9
Borongan, Easter Samar	866.2	660.5	797.9	246.0	80.5	310.3	183.1	70.1	180.5	362.5	395.0	602.9	4755.5
Butuan City, Agusan del Norte	273.6	331.4	114.3	204.8	92.8	154.4	197.6	69.7	162.5	146.4	291.1	170.8	2209.4
Cabanatuan, Nueva Ecija	27.6	21.7	31.3	3.3	96.9	350.3	312.6	534.9	381.1	245.2	18.5	29.6	2053.0
Calapan, Oriental Mindoro	135.6	171.7	320.0	154.8	11.0	68.1	509.4	259.1	257.7	442.4	88.7	200.6	2619.1
Calayan, Cagayan	116.2	124.8	227.2	36.2	177.6	197.8	390.8	229.4	163.2	102.0	73.6	376.0	2214.8
Casiguran, Aurora	197.9	728.3	662.3	132.9	179.3	86.7	356.6	103.7	285.2	443.4	279.6	610.3	4066.2
Catarman, Northern Samar	668.9	423.2	526.9	147.8	188.9	132.4	359.1	42.7	342.4	355.3	303.7	409.9	3901.2
Catbalogan, Western Samar	456.8	372.3	430.2	127.8	143.5	261.7	415.7	18.7	438.0	435.7	294.9	248.7	3644.0
Clark International Airport, Pampanga	11.2	17.3	38.5	13.8	222.7	197.3	676.6	738.7	420.9	276.1	22.6	4.0	2639.7
Coron, Palawan	48.8	27.9	97.1	92.4	297.6	680.2	696.0	421.9	436.2	196.5	2.0	42.8	3039.4
Cotabato City, Maguindanao	122.1	204.0	55.9	296.6	216.5	290.1	444.6	218.8	448.3	306.0	148.0	94.7	2845.6
Cubi Point, Subic Bay, Olongapo City, Zambales	3.2	13.6	10.1	13.0	255.5	1027.8	1053.8	1795.0	575.4	214.0	1.4	2.6	4965.4
Cuyo, Palawan	T	42.4	266.6	73.2	...	...	486.8	175.8	344.4	56.4	20.6	72.2	1538.4
Daet, Camarines Norte	781.7	439.0	497.0	145.1	171.1	121.2	346.3	68.2	300.9	393.4	246.4	323.2	3833.5
Dagupan City, Pangasinan	4.6	19.5	58.0	44.6	240.1	684.8	640.4	994.6	386.7	49.6	2.3	4.6	3129.8
Davao City, Davao Del Sur	130.7	204.4	154.4	125.0	155.7	172.4	223.7	211.4	92.0	154.1	126.5	247.6	1997.9
Dipolog, Zamboanga del Norte	110.9	528.1	277.9	261.6	59.0	262.9	478.8	113.0	292.8	442.7	391.4	161.6	3380.7
Dumaguete City, Negros Oriental	91.0	101.0	145.9	96.1	39.1	72.3	270.8	65.1	131.3	122.9	60.6	201.3	1397.4
General Santos City, South Cotabato	61.4	157.0	102.4	48.9	90.4	97.6	73.0	93.5	69.2	157.4	67.4	96.5	1114.7
Guiuan, Eastern Samar	583.1	522.1	412.6	81.3	69.6	81.1	212.6	11.8	287.7	346.9	389.7	322.8	3321.3
Hinatuan, Surigao del Sur	1056.9	685.5	366.6	732.6	198.1	217.0	378.2	158.3	325.5	378.8	727.4	558.4	5783.3
Iba, Zambales	43.5	8.2	13.2	28.7	165.8	1104.3	1031.2	2108.2	460.0	103.6	3.2	6.2	5076.1
Infanta, Quezon	485.7	999.6	594.4	117.9	314.0	49.2	409.9	212.1	385.9	383.3	338.3	383.7	4674.0
Itbayat, Batanes	102.4	87.0	80.0	112.7	222.0	125.7	464.7	406.7	110.2	16.4	209.9	238.3	2176.0
Laoag City, Ilocos Norte	14.5	0.4	1.2	16.2	170.3	741.3	523.4	906.5	131.7	24.0	T	21.4	2550.9
Legazpi City, Albay	444.5	724.2	614.3	106.5	219.5	182.9	488.8	78.0	205.1	450.1	433.9	581.2	4529.0
Lumbia Airport, Misamis Oriental	24.2	122.9	67.4	75.1	152.7	144.9	273.7	174.6	200.3	185.2	42.3	207.0	1670.3
Maasin, Southern Leyte	228.2	530.0	167.3	48.8	186.1	173.9	257.8	81.1	367.7	464.9	265.4	311.2	3082.4
Mactan International Airport, Cebu	202.6	224.9	143.2	51.2	95.2	72.2	358.6	31.8	400.2	141.5	71.1	145.0	1937.5
Malaybalay, Bukidnon	181.4	139.4	203.0	103.0	518.7	366.3	441.5	227.0	310.2	175.5	111.3	301.6	3078.9
Masbate, Masbate	163.2	179.0	245.5	20.8	85.4	149.4	268.4	60.6	248.0	240.4	115.7	210.7	1987.1
NAIA (MIA), Pasay City	29.5	87.5	55.5	4.5	125.0	...	...	...	472.0	278.5	7.0	14.5	1074.0
Port Area (MCO), Manila	36.3	89.5	89.2	24.4	244.6	220.8	591.8	1145.9	665.7	361.2	44.9	58.1	3572.4
Puerto Princesa City, Palawan	44.7	189.1	33.5	79.6	132.2	141.4	279.1	109.6	263.8	199.2	123.4	77.1	1672.7
Romblon, Romblon	339.5	210.4	327.2	69.2	101.1	176.2	568.6	290.7	218.8	548.0	83.4	158.2	3091.3
Roxas City, Capiz	122.0	98.5	182.5	66.5	245.0	156.0	506.5	68.0	305.0	133.5	216.5	91.5	2191.5
San Jose, Occidental Mindoro	56.3	13.4	64.3	25.2	284.4	530.4	648.9	597.1	414.6	155.4	1.8	34.5	2826.3
Sangley Point, Cavite	25.2	104.2	98.5	63.7	294.3	224.0	748.0	1185.5	591.5	308.0	12.7	11.4	3667.0
Science Garden, Quezon City	41.2	128.6	195.5	2.0	327.7	313.2	886.4	1387.2	736.1	339.1	26.7	48.0	4431.7
Sinait, Ilocos Sur	2.0	0.5	6.0	9.3	233.9	647.6	624.9	1038.2	192.4	29.3	0.2	8.7	2793.0
Surigao, Surigao del Norte	509.4	799.2	264.0	271.3	23.1	52.1	134.6	79.0	395.9	468.4	522.7	343.4	3863.1
Tacloban City, Leyte	578.5	507.6	401.8	96.3	231.7	124.0	136.1	36.3	378.7	326.5	259.3	368.4	3445.2
Tagbilaran City, Bohol	123.5	116.4	207.6	134.5	81.1	200.7	171.8	7.6	259.4	256.0	103.8	82.2	1744.6
Tanay, Rizal	98.2	174.9	155.6	9.4	232.3	326.9	847.4	1035.8	520.6	292.6	60.4	152.4	3906.5
Tayabas, Quezon	185.3	249.9	256.8	64.7	236.4	38.5	409.8	121.6	382.2	382.7	169.8	249.2	2746.9
Tuguegarao, Cagayan	65.3	93.8	72.8	46.1	136.7	310.9	235.5	296.1	117.9	295.6	52.2	88.7	1811.6
Virac Synop, Catanduanes	573.9	342.7	399.0	126.6	56.8	96.4	257.4	25.8	435.2	213.2	298.9	445.5	3271.4
Zamboanga City, Zamboanga del Sur	162.6	203.0	55.8	116.9	42.2	54.4	168.5	85.5	297.6	231.4	131.7	77.4	1627.0

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.8
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2013
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	181.1	216.0	69.8	4.4	73.5	280.4	384.3	181.0	213.3	379.1	749.5	450.1	3182.5
Ambulong, Batangas	46.2	122.0	20.5	42.4	230.3	386.1	285.9	524.7	815.8	121.1	225.2	49.1	2869.3
Aparri, Cagayan	70.0	18.0	11.5	10.5	86.5	41.5	95.0	134.7	268.0	547.5	208.0	157.0	1648.2
Baguio City, Benguet	11.4	26.8	63.6	70.3	338.7	232.8	368.2	1220.4	590.1	240.0	53.5	23.6	3239.4
Baler, Aurora (Radar)	204.7	430.9	331.6	238.0	198.2	296.6	616.4	291.9	364.2	232.7	441.2	678.7	4325.1
Basco, Batanes (Radar)	218.4	59.2	39.8	66.1	135.0	83.2	146.2	392.1	592.2	59.3	161.8	141.4	2094.7
Borongan, Easter Samar	731.7	681.7	423.7	158.4	207.6	314.6	498.9	238.9	50.0	167.8	643.4	931.6	5048.3
Butuan City, Agusan del Norte	511.4	275.6	179.1	111.4	100.1	287.7	105.3	200.5	19.5	138.3	232.2	130.0	2291.1
Cabanatuan, Nueva Ecija	0.6	8.0	15.2	74.5	73.4	305.7	219.3	465.3	337.7	206.4	100.9	27.1	1834.1
Calapan, Oriental Mindoro	128.3	187.5	175.1	62.0	253.2	397.5	470.7	293.4	275.8	104.1	558.8	228.4	3134.8
Calayan, Cagayan	168.5	40.6	6.2	44.0	144.6	70.8	251.0	394.2	1170.2	250.8	137.6	344.0	3022.5
Casiguran, Aurora	345.5	458.4	253.4	90.7	124.9	314.9	712.2	456.9	191.0	308.7	960.0	1226.7	5443.3
Catarman, Northern Samar	382.8	438.5	459.9	47.9	70.8	355.9	214.0	230.6	137.6	151.9	511.9	373.5	3375.3
Catbalogan, Western Samar	456.7	292.1	131.0	63.1	170.0	575.1	261.7	276.3	273.2	211.1	299.2	373.5	3383.0
Clark International Airport, Pampanga	7.9	30.4	51.7	41.1	129.5	211.4	268.1	736.5	385.9	379.4	43.0	35.6	2320.5
Coron, Palawan	14.1	3.7	0.0	30.4	134.2	525.0	368.8	328.8	745.7	337.1	...	140.0	2627.8
Cotabato City, Maguindanao	130.3	149.2	90.2	163.2	115.1	238.9	393.4	185.7	145.0	280.5	196.5	91.1	2179.1
Cubi Point, Subic Bay, Olongapo City, Zambales	3.7	13.3	60.4	T	42.3	583.3	360.4	1092.4	1175.2	174.7	19.9	17.7	3543.3
Cuyo, Palawan	2.0	25.8	4.0	63.0	230.4	227.0	366.4	421.0	381.0	65.8	172.4	48.2	2007.0
Daet, Camarines Norte	254.4	216.3	113.8	16.4	77.2	258.3	330.5	227.9	111.0	376.0	712.5	670.1	3364.4
Dagupan City, Pangasinan	9.2	1.2	71.5	108.8	170.4	135.5	235.2	1135.0	552.2	134.9	13.6	19.7	2587.2
Davao City, Davao Del Sur	430.5	212.0	60.0	124.1	128.9	186.4	129.1	185.6	112.3	357.4	192.6	67.3	2186.2
Dipolog, Zamboanga del Norte	463.9	323.6	163.3	171.1	298.7	228.4	349.5	260.0	156.6	414.2	559.2	334.2	3722.7
Dumaguete City, Negros Oriental	118.3	73.0	49.9	42.4	40.4	121.1	233.6	113.7	71.7	133.6	223.9	27.4	1249.0
General Santos City, South Cotabato	198.8	81.7	11.8	48.0	47.6	107.2	142.3	107.6	104.7	133.5	127.1	67.3	1177.6
Guiuan, Eastern Samar	450.4	314.4	168.6	135.7	146.3	286.9	220.1	211.2	162.4	169.0	354.1	455.2	3074.3
Hinatuan, Surigao del Sur	1077.8	666.6	380.4	474.7	266.7	385.9	384.0	393.2	46.8	377.3	528.8	387.9	5370.1
Iba, Zambales	0.2	16.3	8.1	37.4	65.7	647.2	300.1	1341.9	907.8	250.4	2.0	8.6	3585.7
Infanta, Quezon	477.3	345.4	254.3	21.3	189.3	306.6	626.2	...	300.7	243.6	747.5	809.4	4321.6
Itbayat, Batanes	180.6	54.1	20.3	69.4	126.8	86.6	248.6	398.5	420.4	52.1	117.3	179.5	1954.2
Laoag City, Ilocos Norte	7.6	0.0	0.0	98.6	186.2	203.7	145.4	752.1	376.5	174.6	8.1	41.7	1994.5
Legazpi City, Albay	439.5	283.5	198.1	49.8	113.9	286.8	344.3	310.1	248.0	171.2	658.0	452.6	3555.8
Lumbia Airport, Misamis Oriental	211.1	91.3	61.2	89.3	201.1	310.4	268.2	211.4	162.0	...	...	...	1606.0
Maasin, Southern Leyte	329.1	380.4	47.2	23.8	132.9	226.4	319.3	384.0	125.8	169.6	377.4	124.5	2640.4
Mactan International Airport, Cebu	124.7	145.6	3.8	15.8	157.1	322.7	280.7	218.0	63.2	111.7	156.7	56.0	1656.0
Malaybalay, Bukidnon	409.1	222.9	105.9	234.9	184.8	313.5	326.8	313.4	159.5	325.8	250.0	86.2	2932.8
Masbate, Masbate	206.3	195.8	93.8	2.8	111.0	420.0	224.0	155.3	186.2	179.1	238.2	189.1	2201.6
NAIA (MIA), Pasay City	53.5	76.0	27.0	34.5	68.0	257.0	...	921.9	734.5	277.8	99.0	37.5	2586.7
Port Area (MCO), Manila	29.6	70.0	76.5	11.5	74.7	309.6	312.4	777.5	699.4	237.5	112.7	57.0	2768.4
Puerto Princesa City, Palawan	145.7	4.5	0.6	93.5	134.4	274.3	318.0	124.0	105.0	288.1	448.4	65.8	2002.3
Romblon, Romblon	183.8	327.8	45.4	4.6	149.8	162.3	538.1	365.2	195.6	66.4	261.1	258.0	2558.1
Roxas City, Capiz	78.5	176.0	13.8	15.5	125.5	440.7	404.3	192.0	288.3	153.5	223.0	373.7	2484.8
San Jose, Occidental Mindoro	15.4	36.3	2.4	77.0	138.3	516.0	450.1	471.9	509.8	223.5	118.3	8.2	2567.2
Sangley Point, Cavite	37.6	110.0	58.4	1.4	47.4	290.9	533.0	1339.5	977.2	246.3	130.2	28.8	3800.7
Science Garden, Quezon City	47.0	89.0	132.1	47.5	169.9	552.8	222.0	972.4	684.2	356.7	89.8	116.2	3479.6
Sinait, Ilocos Sur	7.7	0.0	0.3	36.0	115.3	285.1	259.6	1137.8	411.7	124.7	31.7	51.6	2461.5
Surigao, Surigao del Norte	800.8	436.8	239.1	112.1	83.0	271.5	126.7	501.6	75.9	201.7	728.7	400.8	3978.7
Tacloban City, Leyte	352.4	396.6	188.5	51.1	99.2	411.7	137.9	219.0	...	...	...	...	1856.4
Tagbilaran City, Bohol	202.5	154.5	62.4	...	63.4	98.0	299.4	236.8	104.4	81.8	319.3	67.8	1690.3
Tanay, Rizal	98.8	153.7	27.1	7.0	114.6	386.5	263.8	714.9	582.7	236.7	385.9	64.4	3036.1
Tayabas, Quezon	225.6	225.9	74.6	2.0	132.6	474.8	402.9	288.3	344.3	282.9	682.1	211.1	3347.1
Tuguegarao, Cagayan	43.2	27.8	66.5	195.7	79.4	157.5	141.5	156.1	...	203.2	298.2	99.8	1468.9
Virac Synop, Catanduanes	238.4	183.4	175.2	59.8	242.8	302.0	348.4	282.3	114.0	283.0	589.6	613.0	3431.9
Zamboanga City, Zamboanga del Sur	150.1	63.7	21.1	70.3	182.7	148.2	224.3	105.9	84.5	630.2	161.3	96.1	1938.4

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.9
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2014
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	120.4	94.2	123.1	25.8	50.8	95.3	297.7	166.3	437.4	439.7	686.9	889.6	3427.2
Ambulong, Batangas	0.5	T	28.1	23.4	154.6	78.9	406.7	212.5	321.5	233.8	120.3	324.8	1905.1
Aparri, Cagayan	63.5	22.5	7.5	2.5	32.5	197.0	358.5	133.0	239.5	114.0	48.5	203.5	1422.5
Baguio City, Benguet	0.0	T	5.9	126.3	213.0	401.7	444.2	531.9	985.4	107.1	39.2	9.5	2864.2
Baler, Aurora (Radar)	33.9	134.2	342.7	108.0	112.3	42.2	140.7	251.3	294.1	366.3	167.6	...	1993.3
Basco, Batanes (Radar)	55.0	24.1	20.1	65.1	70.9	321.3	174.0	161.6	154.0	68.1	122.1	135.9	1372.2
Borongan, Easter Samar	1184.5	181.5	437.8	559.9	114.8	266.2	207.8	120.4	334.0	355.6	553.3	1366.5	5682.3
Butuan City, Agusan del Norte	721.4	72.7	258.8	57.4	100.8	145.7	149.2	131.4	225.8	82.7	167.5	416.9	2530.3
Cabanatuan, Nueva Ecija	0.0	1.4	7.4	15.3	36.5	206.1	320.3	244.4	305.2	177.4	25.4	39.2	1378.6
Calapan, Oriental Mindoro	51.8	22.8	32.0	19.4	194.9	154.4	219.1	192.7	223.2	299.6	95.6	386.6	1892.1
Calayan, Cagayan	214.8	64.2	23.3	24.0	...	145.4	180.3	148.6	197.4	55.6	129.4	275.6	1458.6
Casiguran, Aurora	108.4	49.2	413.1	67.7	39.6	70.8	189.7	283.4	255.4	539.0	481.5	606.5	3104.3
Catarman, Northern Samar	734.5	200.3	414.7	387.8	31.5	371.8	428.1	286.9	286.3	479.5	448.3	1052.2	5121.9
Catbalogan, Western Samar	451.9	44.1	226.7	319.0	93.7	333.3	532.2	305.5	518.7	314.8	273.3	1140.5	4553.7
Clark International Airport, Pampanga	0.0	24.0	1.8	41.6	162.1	319.6	377.4	308.8	271.9	101.8	20.2	34.9	1664.1
Coron, Palawan	4.2	50.4	1.0	69.8	23.9	389.5	1013.9	130.3	916.4	284.1	26.8	39.0	2949.3
Cotabato City, Maguindanao	87.5	49.8	99.4	50.6	168.4	209.7	286.5	250.5	218.6	247.3	132.4	66.0	1866.7
Cubi Point, Subic Bay, Olongapo City, Zambales	0.0	1.3	0.3	46.3	27.5	614.1	959.8	605.6	642.3	185.6	26.0	52.0	3160.8
Cuyo, Palawan	49.4	0.6	4.0	35.2	98.2	488.4	646.6	333.2	395.4	255.2	74.6	121.4	2502.2
Daet, Camarines Norte	149.8	77.5	74.6	53.0	21.4	115.1	330.6	278.9	560.0	541.8	393.7	729.5	3325.9
Dagupan City, Pangasinan	0.0	T	1.6	185.0	227.7	441.8	604.3	451.7	870.0	143.1	1.6	23.4	2950.2
Davao City, Davao Del Sur	285.3	23.8	235.3	150.5	94.7	134.3	50.1	163.7	175.2	338.9	179.9	122.6	1954.3
Dipolog, Zamboanga del Norte	379.3	118.6	44.4	92.0	211.8	151.8	326.5	158.5	115.2	283.8	276.2	160.9	2319.0
Dumaguete City, Negros Oriental	186.1	68.0	261.9	41.9	155.2	130.1	153.4	71.8	162.8	239.7	394.9	170.1	2035.9
General Santos City, South Cotabato	256.8	51.7	99.5	46.3	30.7	130.3	140.5	62.8	108.1	53.6	76.5	45.6	1102.4
Guiuan, Eastern Samar	742.6	108.5	159.2	448.4	140.6	147.4	165.8	222.4	229.1	403.4	226.5	479.9	3473.8
Hinatuan, Surigao del Sur	1372.1	331.8	534.1	77.7	272.6	117.2	166.8	173.2	189.7	145.1	242.5	1039.3	4662.1
Iba, Zambales	0.0	12.0	T	5.6	45.2	731.8	1027.7	632.8	1046.4	143.1	48.8	19.4	3712.8
Infanta, Quezon	176.7	74.0	169.7	62.1	127.7	37.7	127.7	336.8	140.7	755.9	428.4	517.9	2955.3
Itbayat, Batanes	27.6	33.7	7.2	9.8	105.4	389.0	161.8	102.6	301.4	123.1	118.6	119.2	1499.4
Laoag City, Ilocos Norte	0.0	4.4	0.0	0.0	0.3	516.8	266.8	325.2	646.2	11.7	4.2	0.0	1775.6
Legazpi City, Albay	114.3	47.8	322.3	120.5	32.6	156.1	443.1	264.1	342.0	303.9	324.4	825.1	3296.2
Lumbia Airport, Misamis Oriental	...	...	...	...	...	...	...	...	...	...	...	...	0.0
Maasin, Southern Leyte	705.4	103.8	391.5	137.5	53.0	355.9	331.5	336.8	295.6	282.9	172.3	511.8	3678.0
Mactan International Airport, Cebu	270.7	10.2	98.8	67.8	63.3	164.9	246.5	262.1	...	317.1	115.8	173.1	1790.3
Malaybalay, Bukidnon	389.3	84.4	132.8	69.5	109.9	281.3	265.1	475.7	169.5	195.4	320.6	259.3	2752.8
Masbate, Masbate	213.9	42.1	80.7	64.2	T	178.5	365.7	131.6	296.2	244.0	140.3	606.7	2363.9
NAIA (MIA), Pasay City	T	3.0	7.0	0.0	64.5	193.5	380.5	244.0	424.0	227.0	34.0	120.5	1698.0
Port Area (MCO), Manila	T	3.5	19.6	8.8	91.4	123.5	349.2	321.2	468.7	349.1	43.7	140.3	1919.0
Puerto Princesa City, Palawan	40.7	75.6	22.4	14.7	22.2	123.6	288.3	113.9	174.4	209.8	162.3	125.2	1373.1
Romblon, Romblon	70.1	87.0	97.4	78.5	109.2	274.7	371.6	211.4	187.6	295.6	117.7	296.8	2197.6
Roxas City, Capiz	101.1	43.4	63.1	69.5	40.8	299.3	186.2	241.3	219.5	234.5	86.0	344.0	1928.7
San Jose, Occidental Mindoro	10.3	3.1	2.4	98.4	41.7	568.6	823.0	114.0	...	268.0	16.6	54.0	2000.1
Sangley Point, Cavite	0.4	3.3	7.2	1.2	84.5	320.8	519.4	296.8	459.7	214.9	27.8	163.2	2099.2
Science Garden, Quezon City	T	0.8	21.6	22.6	107.2	242.9	478.0	412.1	727.2	404.0	94.6	150.5	2661.5
Sinait, Ilocos Sur	0.0	1.7	T	0.0	23.0	563.6	...	520.6	661.6	29.0	0.0	1.9	1801.4
Surigao, Surigao del Norte	1285.9	299.9	678.0	203.4	54.2	147.0	149.7	131.1	171.2	289.4	398.2	678.7	4486.7
Tacloban City, Leyte	...	...	...	...	...	...	241.9	167.2	206.9	220.0	155.8	825.1	1816.9
Tagbilaran City, Bohol	289.9	57.8	163.6	27.6	9.0	79.8	129.4	107.8	107.6	162.3	255.9	362.2	1752.9
Tanay, Rizal	11.9	4.8	39.8	3.4	46.0	273.7	508.6	312.5	631.7	287.8	117.6	265.8	2503.6
Tayabas, Quezon	225.6	225.9	74.6	2.0	132.6	474.8	402.9	288.3	344.3	282.9	682.1	211.1	3347.1
Tuguegarao, Cagayan	6.4	20.1	15.7	75.1	54.4	185.8	158.4	139.6	302.9	185.1	93.8	99.1	1336.4
Virac Synop, Catanduanes	98.6	28.6	140.8	107.0	39.3	260.0	321.5	105.1	622.1	335.3	273.9	615.6	2947.8
Zamboanga City, Zamboanga del Sur	38.5	21.6	122.4	14.7	60.9	43.1	109.4	110.8	166.4	306.2	13.4	46.7	1054.1

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.3.10
ANNUAL AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
2015
(In millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
Alabat, Quezon	238.8	147.5	81.4	63.9	29.0	143.2	90.3	159.0	245.9	261.5	383.1	539.0	2382.6
Ambulong, Batangas	50.8	5.0	15.2	T	11.7	159.7	309.1	265.3	243.8	230.2	43.4	292.5	1626.7
Aparri, Cagayan	77.5	63.6	27.5	37.8	95.0	50.3	166.6	446.3	30.3	422.9	79.9	308.7	1806.4
Baguio City, Benguet	11.3	7.3	57.1	121.8	245.5	282.5	1493.9	1031.6	263.6	1212.2	8.0	167.1	4901.9
Baler, Aurora (Radar)	96.5	120.8	154.1	160.0	76.6	140.0	122.6	51.8	320.7	285.1	132.7	1028.8	2689.7
Basco, Batanes (Radar)	100.8	28.7	26.9	137.4	181.7	22.0	92.7	238.5	100.4	363.9	130.2	93.0	1516.2
Borongan, Easter Samar	615.0	237.1	132.4	160.9	93.7	278.0	72.2	78.0	166.3	165.7	495.3	271.3	2765.9
Butuan City, Agusan del Norte	331.5	63.3	40.6	25.9	69.8	172.1	130.2	59.3	141.0	124.6	294.7	242.2	1695.2
Cabanatuan, Nueva Ecija	19.3	T	1.5	20.6	65.1	177.6	404.0	324.1	215.9	310.6	2.5	523.2	2064.4
Calapan, Oriental Mindoro	131.1	48.2	29.9	78.5	24.4	201.0	173.2	252.3	129.3	70.5	125.9	400.8	1665.1
Calayan, Cagayan	72.0	105.7	41.3	40.0	81.6	70.2	145.6	753.4	57.0	333.8	97.6	329.2	2127.4
Casiguran, Aurora	173.4	260.6	325.6	84.8	97.6	137.5	115.9	69.5	167.2	548.5	238.6	1033.8	3253.0
Catarman, Northern Samar	603.5	96.3	160.3	162.4	22.5	151.2	106.1	161.3	161.1	216.5	285.9	248.4	2375.5
Catbalogan, Western Samar	396.2	36.7	63.8	82.4	23.9	297.9	151.2	159.3	185.5	94.5	192.7	149.5	1833.6
Clark International Airport, Pampanga	6.6	2.6	0.8	52.7	152.8	227.3	557.1	388.0	220.0	317.5	1.7	253.3	2180.4
Coron, Palawan	4.0	0.4	8.2	0.2	20.3	263.1	480.8	531.0	460.2	187.8	1.6	33.0	1990.6
Cotabato City, Maguindanao	88.9	42.7	11.6	63.6	73.9	164.9	155.4	220.6	283.4	110.1	146.7	35.8	1397.6
Cubi Point, Subic Bay, Olongapo City, Zambales	1.5	T	T	4.0	54.5	181.5	...	502.3	261.1	255.0	T	230.1	1490.0
Cuyo, Palawan	3.0	T	...	T	158.6	286.4	212.2	258.2	247.6	157.6	...	...	1323.6
Daet, Camarines Norte	393.9	182.5	69.1	124.0	82.3	151.2	163.6	104.0	172.0	313.8	289.5	...	2045.9
Dagupan City, Pangasinan	3.0	T	19.2	59.6	56.4	246.1	1087.9	352.8	435.3	361.2	0.0	136.4	2757.9
Davao City, Davao Del Sur	205.7	36.4	19.0	125.4	164.7	224.2	149.9	...	...	...	...	63.3	988.6
Dipolog, Zamboanga del Norte	83.4	42.6	7.3	35.4	25.1	195.6	60.2	77.0	302.6	143.7	255.6	84.3	1312.8
Dumaguete City, Negros Oriental	71.1	41.5	1.9	12.0	1.8	100.4	197.1	117.5	164.0	70.8	60.5	68.2	906.8
General Santos City, South Cotabato	...	0.5	3.6	28.3	36.4	188.8	86.9	96.8	52.1	26.4	74.7	15.8	610.3
Guiuan, Eastern Samar	523.8	63.0	38.1	41.7	25.1	454.2	55.8	86.6	134.7	107.8	196.4	276.9	2004.1
Hinatuan, Surigao del Sur	715.2	391.8	234.3	156.3	...	297.8	157.1	...	344.8	155.6	755.0	375.9	3583.8
Iba, Zambales	3.6	1.0	9.2	69.6	56.4	282.2	1085.7	691.6	398.3	468.2	0.0	134.9	3200.7
Infanta, Quezon	199.3	168.7	189.6	43.9	55.4	111.1	109.4	113.5	...	337.8	295.2	1008.2	2632.1
Itbayat, Batanes	80.1	45.8	74.5	87.4	358.0	8.4	306.8	217.4	35.9	291.7	226.8	73.3	1806.1
Laoag City, Ilocos Norte	T	1.6	T	10.0	84.5	147.4	601.9	722.0	105.2	...	0.0	24.4	1697.0
Legazpi City, Albay	403.5	135.7	150.1	74.5	89.2	307.7	203.6	169.8	238.3	245.5	436.5	...	2454.4
Lumbia Airport, Misamis Oriental	189.7	6.8	3.4	66.4	40.4	179.8	111.9	47.2	192.3	112.7	60.0	81.3	1091.9
Maasin, Southern Leyte	423.9	53.7	24.6	4.8	28.8	302.0	203.6	210.8	194.2	272.5	169.1	291.7	2179.7
Mactan International Airport, Cebu	81.5	87.9	34.7	42.4	18.0	227.7	152.1	194.7	228.2	125.9	34.0	98.4	1325.5
Malaybalay, Bukidnon	229.1	73.6	23.0	67.0	...	268.1	216.7	324.8	358.0	75.9	128.8	158.9	1923.9
Masbate, Masbate	178.2	17.6	39.5	31.4	0.5	134.8	141.6	147.2	132.8	95.4	91.2	264.0	1274.2
NAIA (MIA), Pasay City	25.0	0.5	7.0	T	32.5	91.0	297.5	241.0	268.0	...	14.0	294.5	1271.0
Port Area (MCO), Manila	24.5	2.4	6.5	4.5	112.9	156.5	466.3	307.5	...	...	42.4	292.3	1415.8
Puerto Princesa City, Palawan	8.8	0.4	0.0	21.5	57.4	85.0	290.0	142.5	304.8	48.5	109.4	31.6	1099.9
Romblon, Romblon	48.6	48.0	88.3	35.8	63.8	122.8	242.8	244.1	142.0	257.2	108.7	340.1	1742.2
Roxas City, Capiz	133.0	24.0	26.5	27.0	6.0	196.0	310.5	207.5	327.0	...	61.0	...	1318.5
San Jose, Occidental Mindoro	4.0	0.5	18.6	0.7	25.7	131.5	371.0	568.2	350.6	184.8	3.7	66.8	1726.1
Sangley Point, Cavite	31.8	1.0	7.8	0.0	10.2	166.8	352.8	312.6	359.2	188.0	9.4	294.7	1734.3
Science Garden, Quezon City	29.0	2.7	6.6	64.8	74.6	329.5	628.6	459.3	471.9	...	...	295.8	2362.8
Sinait, Ilocos Sur	0.3	0.3	0.2	3.5	17.4	46.5	1009.1	587.0	98.8	248.2	0.0	20.6	2031.9
Surigao, Surigao del Norte	834.3	171.8	99.7	151.6	48.3	336.7	34.2	147.0	308.6	156.2	531.7	366.7	3186.8
Tacloban City, Leyte	419.8	142.2	66.7	64.6	5.0	274.5	...	143.4	...	86.4	304.6	468.7	1975.9
Tagbilaran City, Bohol	121.1	18.0	8.2	21.0	6.4	117.1	111.2	72.4	282.6	131.2	91.9	152.5	1133.6
Tanay, Rizal	72.7	10.0	36.8	9.0	33.4	93.3	472.6	359.3	320.2	358.5	61.0	380.6	2207.4
Tayabas, Quezon	124.2	66.7	59.8	17.7	19.2	156.3	123.3	162.7	306.6	334.6	443.9	544.6	2359.6
Tuguegarao, Cagayan	65.3	8.9	32.9	52.0	178.8	52.7	206.9	248.4	47.2	308.5	31.6	228.4	1461.6
Virac Synop, Catanduanes	252.4	228.4	122.8	156.4	92.4	104.7	102.2	168.1	...	365.6	234.3	339.1	2166.4
Zamboanga City, Zamboanga del Sur	17.6	18.3	1.8	30.6	30.3	231.1	...	128.1	324.6	120.7	66.4	7.9	977.4

Note: T = means trace, measured rainfall is less than 0.1 mm.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.1
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2006
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	28.9	29.3	30.9	32.5	32.2	32.3	31.3	31.7	32.2	30.3	31.3	29.6
Minimum Temperature	22.0	22.4	22.4	23.0	23.2	22.7	22.7	22.5	22.4	22.6	23.6	23.0
Mean Temperature	25.5	25.9	26.7	27.8	27.7	27.5	27.0	27.1	27.3	26.5	27.5	26.3
Ambulong, Batangas												
Maximum Temperature	30.2	30.7	32.8	34.7	33.6	33.3	31.0	30.5	32.0	31.5	32.7	30.8
Minimum Temperature	22.8	23.7	23.7	23.6	24.4	24.7	24.7	24.2	24.4	23.6	23.9	23.1
Mean Temperature	26.5	27.2	28.3	29.2	29.0	29.0	27.9	27.4	28.2	27.6	28.3	27.0
Aparri, Cagayan												
Maximum Temperature	29.0	29.5	30.7	33.9	34.8	35.3	33.4	33.5	33.6	31.4	31.6	28.2
Minimum Temperature	21.1	21.0	22.4	24.1	24.7	25.1	24.9	24.6	24.4	23.7	23.7	22.2
Mean Temperature	25.1	25.3	26.6	29.0	29.8	30.2	29.2	29.1	29.0	27.6	27.7	25.2
Baguio City, Benguet												
Maximum Temperature	22.9	23.6	24.0	25.4	24.3	24.5	21.2	21.2	23.0	22.7	24.0	23.2
Minimum Temperature	14.1	13.6	15.1	16.1	16.4	16.5	16.3	16.1	16.2	15.5	15.3	14.7
Mean Temperature	18.5	18.6	19.6	20.8	20.4	20.5	18.8	18.7	19.6	19.1	19.7	19.0
Baler, Aurora (Radar)												
Maximum Temperature	27.2	27.5	28.8	31.0	30.8	31.3	30.3	30.7	31.3	30.3	29.7	27.8
Minimum Temperature	22.0	22.0	22.5	23.8	24.2	24.6	24.1	24.5	24.5	23.7	23.7	22.6
Mean Temperature	24.6	24.8	25.7	27.4	27.5	28.0	27.2	27.6	27.9	27.0	26.7	25.2
Basco, Batanes (Radar)												
Maximum Temperature	24.0	24.3	25.4	28.5	29.2	30.0	29.4	29.4	28.8	28.2	27.1	24.6
Minimum Temperature	19.0	18.8	19.5	22.4	23.6	24.1	24.4	24.1	23.3	21.9	21.7	19.0
Mean Temperature	21.5	21.5	22.4	25.4	26.4	27.0	26.9	26.8	26.0	25.0	24.4	21.8
Borongan, Easter Samar												
Maximum Temperature	29.9	29.7	30.5	31.4	30.9	31.0	31.6	32.2	31.2	31.1	30.7	30.1
Minimum Temperature	23.6	22.9	22.6	23.2	23.2	23.2	22.9	22.6	23.1	23.3	23.6	24.2
Mean Temperature	26.8	26.3	26.6	27.3	27.1	27.1	27.3	27.4	27.2	27.2	27.2	27.2
Butuan City, Agusan del Norte												
Maximum Temperature	29.8	30.1	31.8	32.7	33.4	32.8	32.6	32.3	32.3	32.3	32.2	31.5
Minimum Temperature	23.4	23.7	23.9	24.0	24.5	24.5	24.7	24.7	24.6	24.8	23.9	23.8
Mean Temperature	26.6	26.9	27.9	28.4	29.0	28.7	28.7	28.5	28.5	28.6	28.1	27.7
Cabanatuan, Nueva Ecija												
Maximum Temperature	31.7	32.5	34.3	36.6	35.1	35.0	31.4	31.9	33.1	32.8	33.0	32.0
Minimum Temperature	21.5	21.8	22.5	23.0	24.2	24.2	24.2	24.3	24.3	23.5	22.5	22.4
Mean Temperature	26.6	27.2	28.4	29.8	29.7	29.6	27.8	28.1	28.7	28.2	27.8	27.2
Calapan, Oriental Mindoro												
Maximum Temperature	29.2	29.4	30.9	31.8	31.8	32.0	31.2	30.8	32.5	31.5	31.7	29.5
Minimum Temperature	22.8	23.1	23.8	25.0	24.9	24.5	24.5	24.1	23.4	23.2	23.8	23.4
Mean Temperature	26.0	26.3	27.4	28.4	28.4	28.3	27.9	27.5	28.0	27.4	27.8	26.5
Calayan, Cagayan												
Maximum Temperature	27.2	27.5	28.5	31.6	32.6	33.8	31.9	31.3	30.9	30.3	30.0	26.8
Minimum Temperature	21.7	22.0	22.3	23.4	25.0	26.3	25.9	25.3	24.7	23.8	24.6	21.8
Mean Temperature	24.5	24.8	25.4	27.5	28.8	30.1	28.9	28.3	27.8	27.1	27.3	24.3
Casiguran, Aurora												
Maximum Temperature	28.2	28.4	29.1	32.7	32.4	32.5	31.4	31.8	32.1	30.8	30.0	28.3
Minimum Temperature	18.1	18.6	20.5	21.9	23.8	24.3	24.5	24.0	24.1	22.8	22.9	22.2
Mean Temperature	23.2	23.5	24.8	27.3	28.1	28.4	28.0	27.9	28.1	26.8	26.5	25.3
Catarman, Northern Samar												
Maximum Temperature	29.3	29.3	30.7	32.0	32.0	32.7	32.0	33.4	32.3	31.2	31.6	30.1
Minimum Temperature	23.6	23.1	22.5	23.8	22.8	24.0	24.8	24.3	24.0	23.7	23.2	23.1
Mean Temperature	26.5	26.2	26.6	27.9	27.4	28.4	28.4	28.9	28.2	27.5	27.4	26.6
Catbalogan, Western Samar												
Maximum Temperature	31.3	31.9	33.4	34.2	33.3	33.5	32.7	32.7	32.9	32.1	32.9	31.4
Minimum Temperature	23.1	23.2	23.8	24.3	24.5	24.9	25.8	25.0	24.6	24.1	24.1	23.7
Mean Temperature	27.2	27.6	28.6	29.3	28.9	29.2	29.3	28.9	28.8	28.1	28.5	27.6
Clark International Airport, Pampanga												
Maximum Temperature	30.1	30.4	32.5	34.6	33.5	32.6	29.3	29.4	30.8	30.6	31.2	30.3
Minimum Temperature	20.9	20.6	21.6	22.4	23.5	23.4	23.2	23.3	23.0	22.7	22.3	21.7
Mean Temperature	25.5	25.5	27.1	28.5	28.5	28.0	26.3	26.4	26.9	26.7	26.8	26.0
Coron, Palawan												
Maximum Temperature	32.2	32.9	33.0	...	...	...	...	...	...	...	...	...
Minimum Temperature	24.7	24.9	24.4	24.9	24.7	24.3	23.7	23.4	23.7	23.3	24.1	23.9
Mean Temperature	28.5	28.9	28.7	...	...	...	...	...	...	...	...	...
Cotabato City, Maguindanao												
Maximum Temperature	32.0	32.2	32.0	33.6	32.6	31.8	31.5	30.8	30.9	30.5	33.0	32.3
Minimum Temperature	23.0	22.7	22.7	23.2	22.6	21.9	22.1	22.1	22.1	22.2	23.0	22.4
Mean Temperature	27.5	27.5	27.4	28.4	27.6	26.9	26.8	26.5	26.5	26.4	28.0	27.4
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	31.2	32.2	33.5	35.4	33.8	32.5	29.8	29.3	31.0	31.3	31.9	31.1
Minimum Temperature	23.2	23.2	23.5	24.6	25.3	25.0	24.4	24.2	24.3	24.1	23.8	23.7
Mean Temperature	27.2	27.7	28.5	30.0	29.6	28.8	27.1	26.8	27.7	27.7	27.9	27.4

Continued

Table 1.4.1
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2006
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	31.2	31.5	32.8	34.7	32.1	31.7	31.3	30.6	30.9	32.0	33.3	31.7
Minimum Temperature	25.3	25.4	26.0	26.6	26.0	25.9	25.9	25.6	25.3	25.6	26.1	25.8
Mean Temperature	28.3	28.5	29.4	30.7	29.1	28.8	28.6	28.1	28.1	28.8	29.7	28.8
Daet, Camarines Norte												
Maximum Temperature	28.8	29.2	30.5	31.9	32.6	33.3	31.5	31.9	32.0	30.1	31.0	29.3
Minimum Temperature	24.5	24.9	24.9	25.9	25.8	25.5	25.6	25.3	24.9	24.5	25.5	24.7
Mean Temperature	26.7	27.1	27.7	28.9	29.2	29.4	28.6	28.6	28.5	27.3	28.3	27.0
Dagupan City, Pangasinan												
Maximum Temperature	31.3	32.0	32.5	34.8	33.8	33.6	31.1	30.6	31.9	31.6	32.3	31.2
Minimum Temperature	20.3	21.2	22.1	23.8	24.1	24.3	23.4	23.4	23.9	23.4	23.0	22.2
Mean Temperature	25.8	26.6	27.3	29.3	29.0	29.0	27.3	27.0	27.9	27.5	27.7	26.7
Davao City, Davao Del Sur												
Maximum Temperature	30.3	30.7	31.5	32.7	32.8	31.5	32.0	31.1	31.3	32.0	32.0	32.3
Minimum Temperature	23.7	23.9	24.2	24.7	24.9	24.6	24.6	24.9	24.5	24.7	24.4	24.7
Mean Temperature	27.0	27.3	27.9	28.7	28.9	28.1	28.3	28.0	27.9	28.4	28.2	28.5
Dipolog, Zamboanga del Norte												
Maximum Temperature	31.2	31.1	32.3	33.4	33.3	32.1	32.6	32.0	32.1	31.4	32.3	31.9
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Dumaguete City, Negros Oriental												
Maximum Temperature	29.5	29.1	30.3	31.2	31.0	31.2	31.9	31.3	31.2	30.4	31.0	30.4
Minimum Temperature	24.7	24.7	24.7	25.3	25.0	24.5	24.3	24.0	24.1	24.1	25.0	25.2
Mean Temperature	27.1	26.9	27.5	28.3	28.0	27.9	28.1	27.7	27.7	27.3	28.0	27.8
General Santos City, South Cotabato												
Maximum Temperature	32.4	32.6	33.3	34.5	34.3	32.6	32.1	31.0	31.9	31.8	34.0	34.3
Minimum Temperature	22.5	22.9	22.6	23.2	23.4	23.1	22.6	22.5	22.3	22.5	23.0	23.2
Mean Temperature	27.5	27.8	28.0	28.9	28.9	27.9	27.4	26.8	27.1	27.2	28.5	28.8
Guiuan, Eastern Samar												
Maximum Temperature	28.4	28.2	29.3	30.1	30.3	30.8	30.1	30.9	31.0	30.5	30.5	29.0
Minimum Temperature	25.3	24.9	25.4	26.2	25.8	25.9	26.0	25.9	25.3	25.5	25.6	25.5
Mean Temperature	26.9	26.6	27.4	28.2	28.1	28.4	28.1	28.4	28.2	28.0	28.1	27.3
Hinatuan, Surigao del Sur												
Maximum Temperature	29.3	29.8	30.6	32.1	32.4	32.0	32.9	32.8	32.9	33.0	31.9	31.4
Minimum Temperature	23.3	23.5	23.6	24.3	24.6	24.4	24.8	24.7	24.4	24.5	24.3	24.4
Mean Temperature	26.3	26.7	27.1	28.2	28.5	28.2	28.9	28.8	28.7	28.8	28.1	27.9
Iba, Zambales												
Maximum Temperature	31.2	31.8	32.4	34.0	33.5	33.0	30.0	29.6	31.2	31.1	31.8	31.4
Minimum Temperature	21.9	22.2	22.6	24.0	24.4	24.2	23.1	23.7	24.2	23.7	23.8	23.3
Mean Temperature	26.6	27.0	27.5	29.0	29.0	28.6	26.6	26.7	27.7	27.4	27.8	27.4
Infanta, Quezon												
Maximum Temperature	28.5	28.9	30.6	32.8	33.1	33.5	32.4	33.0	33.5	30.9	30.8	28.8
Minimum Temperature	22.8	23.0	23.3	24.4	25.1	25.0	25.1	24.9	24.5	23.8	24.2	23.4
Mean Temperature	25.7	26.0	27.0	28.6	29.1	29.3	28.8	29.0	29.0	27.4	27.5	26.1
Itbayat, Batanes												
Maximum Temperature	24.1	24.5	25.7	29.2	30.0	31.1	30.5	30.4	29.5	28.4	27.2	24.6
Minimum Temperature	18.9	19.0	19.9	22.7	23.9	24.7	25.0	24.6	23.9	22.5	22.5	19.5
Mean Temperature	21.5	21.8	22.8	26.0	27.0	27.9	27.8	27.5	26.7	25.5	24.9	22.1
Laoag City, Ilocos Norte												
Maximum Temperature	31.3	32.6	33.2	35.1	35.3	34.9	32.4	32.3	32.4	32.0	32.3	30.9
Minimum Temperature	21.1	20.8	22.5	23.9	25.1	25.0	24.5	24.4	24.2	22.7	23.0	22.1
Mean Temperature	26.2	26.7	27.9	29.5	30.2	30.0	28.5	28.4	28.3	27.4	27.7	26.5
Legazpi City, Albay												
Maximum Temperature	28.8	29.3	30.2	31.1	31.4	32.3	30.7	30.4	31.0	30.6	30.9	29.6
Minimum Temperature	24.0	24.3	24.7	25.2	26.0	25.8	25.8	25.5	25.3	24.6	25.4	25.0
Mean Temperature	26.4	26.8	27.5	28.2	28.7	29.1	28.3	28.0	28.2	27.6	28.2	27.3
Lumbia Airport, Misamis Oriental												
Maximum Temperature	29.8	30.5	31.9	32.8	33.1	31.3	32.2	32.1	31.1	31.0	32.1	31.3
Minimum Temperature	21.9	22.3	21.9	22.6	22.7	22.4	22.8	22.6	22.0	22.2	21.9	22.3
Mean Temperature	25.9	26.4	26.9	27.7	27.9	26.9	27.5	27.4	26.6	26.6	27.0	26.8
Maasin, Southern Leyte												
Maximum Temperature	30.0	30.0	31.5	33.0	33.4	33.0	31.3	31.7	31.0	31.1	32.2	30.8
Minimum Temperature	23.1	23.0	23.6	24.5	25.0	24.7	24.7	24.4	24.0	23.9	24.3	23.8
Mean Temperature	26.6	26.5	27.6	28.8	29.2	28.9	28.0	28.1	27.5	27.5	28.3	27.3
Mactan International Airport, Cebu												
Maximum Temperature	29.4	29.1	30.3	31.6	31.5	31.5	31.5	31.4	31.2	30.7	31.3	30.6
Minimum Temperature	24.6	24.0	24.7	25.8	25.9	25.3	25.4	24.6	24.6	24.5	25.1	24.6
Mean Temperature	27.0	26.6	27.5	28.7	28.7	28.4	28.5	28.0	27.9	27.6	28.2	27.6
Malaybalay, Bukidnon												
Maximum Temperature	28.1	28.9	30.0	31.0	31.3	29.7	28.2	28.1	28.9	28.2	30.0	30.0
Minimum Temperature	18.2	18.3	18.1	17.9	18.8	19.1	19.4	18.9	19.0	19.5	18.6	18.5
Mean Temperature	23.2	23.6	24.1	24.5	25.1	24.4	23.8	23.5	24.0	23.9	24.3	24.3

Continued

Table 1.4.1
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2006
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	30.2	31.2	32.0	33.1	32.7	33.4	32.0	32.3	32.3	32.2	32.6	30.8
Minimum Temperature	24.2	24.6	24.7	25.5	25.7	25.9	25.6	25.3	25.5	25.0	25.4	24.7
Mean Temperature	27.2	27.9	28.4	29.3	29.2	29.7	28.8	28.8	28.9	28.6	29.0	27.8
NAIA (MIA), Pasay City												
Maximum Temperature	30.1	30.9	32.4	34.1	33.4	32.6	29.9	29.7	31.1	30.4	31.7	30.6
Minimum Temperature	23.7	24.1	24.8	25.8	26.6	26.0	25.1	25.2	25.3	24.8	25.0	24.7
Mean Temperature	26.9	27.5	28.6	30.0	30.0	29.3	27.5	27.5	28.2	27.6	28.4	27.7
Port Area (MCO), Manila												
Maximum Temperature	30.1	30.8	32.2	34.3	32.9	33.1	30.5	30.4	31.9	31.3	32.2	30.9
Minimum Temperature	24.2	24.7	25.4	26.5	26.9	26.7	25.7	26.0	25.8	25.7	26.1	25.5
Mean Temperature	27.2	27.8	28.8	30.4	29.9	29.9	28.1	28.2	28.9	28.5	29.2	28.2
Puerto Princesa City, Palawan												
Maximum Temperature	31.5	32.0	32.2	32.8	32.5	32.5	32.6	31.2	31.8	31.9	32.3	31.9
Minimum Temperature	24.0	24.8	24.5	25.1	24.9	24.7	24.5	24.4	24.1	24.1	24.4	24.8
Mean Temperature	27.8	28.4	28.4	29.0	28.7	28.6	28.6	27.8	28.0	28.0	28.4	28.4
Romblon, Romblon												
Maximum Temperature	28.3	28.5	29.8	31.3	31.5	31.7	30.1	29.8	31.2	30.2	30.5	28.6
Minimum Temperature	24.7	24.7	25.4	26.4	26.2	25.8	25.7	25.0	25.6	25.5	25.9	24.9
Mean Temperature	26.5	26.6	27.6	28.9	28.9	28.8	27.9	27.4	28.4	27.9	28.2	26.8
Roxas City, Capiz												
Maximum Temperature	29.2	29.1	30.4	31.7	31.1	31.6	31.7	31.2	31.1	30.9	31.2	29.7
Minimum Temperature	24.8	25.0	25.5	26.2	25.9	25.3	25.3	25.0	24.8	25.0	25.7	25.4
Mean Temperature	27.0	27.1	28.0	29.0	28.5	28.5	28.5	28.1	28.0	28.0	28.5	27.6
San Jose, Occidental Mindoro												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Sangley Point, Cavite												
Maximum Temperature	29.7	30.9	33.1	34.8	33.7	33.7	30.3	30.2	32.4	31.8	31.7	30.6
Minimum Temperature	24.8	25.3	26.4	27.3	27.0	27.1	25.9	25.6	26.4	26.4	27.1	26.0
Mean Temperature	27.3	28.1	29.8	31.1	30.4	30.4	28.1	27.9	29.4	29.1	29.4	28.3
Science Garden, Quezon City												
Maximum Temperature	30.4	31.2	32.4	34.6	33.2	33.1	30.1	30.4	31.9	31.1	32.1	30.8
Minimum Temperature	21.9	22.2	23.2	23.9	25.1	25.2	24.7	24.9	24.6	23.9	23.4	23.2
Mean Temperature	26.2	26.7	27.8	29.3	29.2	29.2	27.4	27.7	28.3	27.5	27.8	27.0
Sinait, Ilocos Sur												
Maximum Temperature	30.1	31.1	31.6	32.9	33.3	32.7	30.8	30.6	31.0	31.1	31.7	30.8
Minimum Temperature	21.2	21.5	22.4	23.9	24.7	23.8	23.1	22.9	23.2	21.8	22.9	22.1
Mean Temperature	25.7	26.3	27.0	28.4	29.0	28.3	27.0	26.8	27.1	26.5	27.3	26.5
Surigao, Surigao del Norte												
Maximum Temperature	29.3	29.4	30.7	31.8	32.5	32.5	32.3	32.6	32.3	31.6	31.1	30.4
Minimum Temperature	24.2	24.3	24.8	25.2	25.9	25.8	26.0	26.1	25.9	25.8	25.2	24.4
Mean Temperature	26.8	26.9	27.8	28.5	29.2	29.2	29.2	29.4	29.1	28.7	28.2	27.4
Tacloban City, Leyte												
Maximum Temperature	29.7	29.8	30.9	31.9	31.6	31.7	31.7	31.9	31.3	31.6	31.8	30.3
Minimum Temperature	24.4	24.3	24.7	25.1	25.4	25.7	25.4	25.2	24.9	25.1	25.0	24.9
Mean Temperature	27.1	27.1	27.8	28.5	28.5	28.7	28.6	28.6	28.1	28.4	28.4	27.6
Tagbilaran City, Bohol												
Maximum Temperature	30.7	30.6	32.2	33.2	33.2	32.4	33.0	33.0	32.4	32.4	32.8	32.2
Minimum Temperature	23.6	23.5	23.6	24.2	24.5	24.7	25.0	24.5	24.5	24.3	23.7	24.1
Mean Temperature	27.2	27.1	27.9	28.7	28.9	28.6	29.0	28.8	28.5	28.4	28.3	28.2
Tanay, Rizal												
Maximum Temperature	25.0	24.6	27.0	28.9	28.8	28.6	26.0	25.6	27.2	26.1	26.7	24.8
Minimum Temperature	18.3	18.3	19.8	20.2	20.9	21.4	20.8	20.9	19.4	19.3	19.6	18.8
Mean Temperature	21.7	21.5	23.4	24.6	24.9	25.0	23.4	23.3	23.3	22.7	23.2	21.8
Tayabas, Quezon												
Maximum Temperature	28.4	28.5	30.8	32.8	31.8	31.8	30.2	31.0	31.2	29.7	30.5	28.1
Minimum Temperature	22.7	22.3	23.3	24.4	24.4	24.0	23.5	23.4	23.0	22.7	23.5	22.2
Mean Temperature	25.6	25.4	27.1	28.6	28.1	27.9	26.9	27.2	27.1	26.2	27.0	25.2
Tuguegarao, Cagayan												
Maximum Temperature	30.2	30.2	32.0	36.9	36.5	36.7	33.4	33.3	32.9	30.5	31.7	27.7
Minimum Temperature	20.0	20.8	21.9	23.1	23.8	24.2	24.1	23.6	23.1	21.1	21.8	20.5
Mean Temperature	25.1	25.5	27.0	30.0	30.2	30.5	28.8	28.5	28.0	25.8	26.8	24.1
Virac Synop, Catanduanes												
Maximum Temperature	29.4	29.5	30.6	31.6	32.0	32.2	31.9	31.8	32.0	30.3	31.0	29.8
Minimum Temperature	23.2	23.4	23.0	23.4	24.6	24.6	25.4	24.7	24.2	23.6	23.7	23.8
Mean Temperature	26.3	26.5	26.8	27.5	28.3	28.4	28.7	28.3	28.1	27.0	27.4	26.8
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	32.5	32.5	32.4	32.6	32.1	31.3	32.4	32.2	32.1	31.4	33.1	33.0
Minimum Temperature	23.9	24.5	24.2	24.7	24.6	24.2	25.2	24.5	24.3	24.0	24.1	24.5
Mean Temperature	28.2	28.5	28.3	28.7	28.4	27.8	28.8	28.4	28.2	27.7	28.6	28.8

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.2
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2007
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	29.1	29.8	30.9	33.6	34.5	34.2	33.5	32.8	32.6	30.6	29.3	...
Minimum Temperature	22.5	22.2	22.7	23.8	23.8	23.9	23.4	22.4	22.8	24.1	23.7	...
Mean Temperature	25.8	26.0	26.8	28.7	29.2	29.1	28.5	27.6	27.7	27.4	26.5	...
Ambulong, Batangas												
Maximum Temperature	30.6	32.2	33.7	35.4	35.2	33.6	33.1	31.5	31.7	31.2	30.0	30.5
Minimum Temperature	22.4	21.7	22.6	24.1	24.7	25.1	24.4	24.3	24.3	24.1	23.4	24.0
Mean Temperature	26.5	27.0	28.2	29.8	30.0	29.4	28.8	27.9	28.0	27.7	26.7	27.3
Aparri, Cagayan												
Maximum Temperature	28.4	29.8	31.5	33.5	34.2	35.0	35.4	34.0	33.5	32.3	30.5	29.0
Minimum Temperature	21.5	20.9	22.7	24.0	24.8	24.9	25.7	24.8	24.4	24.0	22.7	21.6
Mean Temperature	25.0	25.4	27.1	28.8	29.5	30.0	30.6	29.4	29.0	28.2	26.6	25.3
Baguio City, Benguet												
Maximum Temperature	23.2	24.0	24.4	25.5	24.0	24.7	23.9	21.5	22.9	22.8	22.0	23.3
Minimum Temperature	13.7	13.5	14.9	16.1	16.5	17.0	16.7	16.4	16.2	15.6	15.0	14.5
Mean Temperature	18.5	18.8	19.7	20.8	20.3	20.9	20.3	19.0	19.6	19.2	18.5	18.9
Baler, Aurora (Radar)												
Maximum Temperature	27.5	28.8	29.1	30.7	31.3	30.8	31.5	31.5	31.6	30.0	27.7	27.9
Minimum Temperature	21.7	21.8	22.5	24.1	24.2	24.7	24.9	24.5	24.7	23.9	22.4	22.7
Mean Temperature	24.6	25.3	25.8	27.4	27.8	27.8	28.2	28.0	28.2	27.0	25.1	25.3
Basco, Batanes (Radar)												
Maximum Temperature	23.7	25.4	26.6	27.7	29.4	30.3	31.1	29.4	29.1	28.5	26.6	26.1
Minimum Temperature	18.7	19.1	20.4	21.2	23.2	24.7	24.9	24.2	23.6	22.5	20.7	19.4
Mean Temperature	21.2	22.2	23.5	24.4	26.3	27.5	28.0	26.8	26.3	25.5	23.6	22.8
Borongan, Easter Samar												
Maximum Temperature	29.5	29.6	30.2	30.9	31.5	31.2	31.6	31.5	31.9	31.4	30.3	30.3
Minimum Temperature	23.8	23.4	23.4	24.4	24.5	24.6	24.2	23.9	24.2	23.9	23.5	23.9
Mean Temperature	26.7	26.5	26.8	27.7	28.0	27.9	27.9	27.7	28.1	27.7	26.9	27.1
Butuan City, Agusan del Norte												
Maximum Temperature	29.3	30.9	31.7	32.9	33.7	33.6	33.4	33.5	33.3	32.6	31.2	31.1
Minimum Temperature	23.4	23.0	23.0	24.1	24.5	24.5	24.3	24.0	24.6	24.4	23.9	23.8
Mean Temperature	26.4	27.0	27.4	28.5	29.1	29.1	28.9	28.8	29.0	28.5	27.6	27.5
Cabanatuan, Nueva Ecija												
Maximum Temperature	32.2	33.1	34.5	36.2	36.4	35.1	33.9	31.7	31.9	32.4	30.5	31.7
Minimum Temperature	21.6	21.4	22.4	23.9	24.5	24.9	24.6	24.3	24.3	23.4	22.7	21.9
Mean Temperature	26.9	27.3	28.5	30.1	30.5	30.0	29.3	28.0	28.1	27.9	26.6	26.8
Calapan, Oriental Mindoro												
Maximum Temperature	29.1	29.9	30.9	32.8	32.9	32.5	32.5	31.9	31.7	30.8	29.9	30.0
Minimum Temperature	22.8	22.4	23.1	24.7	24.2	24.1	24.0	23.6	23.3	23.2	22.8	23.0
Mean Temperature	26.0	26.2	27.0	28.8	28.6	28.3	28.3	27.8	27.5	27.0	26.4	26.5
Calayan, Cagayan												
Maximum Temperature	26.5	27.6	29.3	31.0	31.5	32.7	33.2	31.6	31.2	29.7	28.1	27.9
Minimum Temperature	21.5	21.2	22.8	23.8	24.4	25.6	25.7	25.2	24.6	24.4	23.4	22.8
Mean Temperature	24.0	24.4	26.1	27.4	28.0	29.2	29.5	28.4	27.9	27.1	25.8	25.4
Casiguran, Aurora												
Maximum Temperature	27.3	28.6	29.4	30.9	31.9	32.0	32.6	32.1	31.7	30.6	28.6	28.1
Minimum Temperature	21.1	20.4	21.5	23.3	24.1	24.5	24.5	24.5	24.1	23.4	22.8	22.0
Mean Temperature	24.2	24.5	25.5	27.1	28.0	28.3	28.6	28.3	27.9	27.0	25.7	25.1
Catarman, Northern Samar												
Maximum Temperature	29.5	30.3	30.7	32.1	33.4	32.8	32.8	32.4	32.2	31.3	30.1	30.0
Minimum Temperature	23.0	22.6	21.9	23.2	24.1	23.9	23.1	23.7	23.7	23.8	22.9	23.1
Mean Temperature	26.3	26.5	26.3	27.7	28.8	28.4	28.0	28.1	28.0	27.6	26.5	26.6
Catbalogan, Western Samar												
Maximum Temperature	31.5	32.1	33.2	34.4	34.8	35.0	33.9	33.2	33.4	31.5	30.2	31.0
Minimum Temperature	23.1	22.5	22.9	24.1	24.7	24.3	24.0	25.1	25.0	23.5	23.0	22.5
Mean Temperature	27.3	27.3	28.1	29.3	29.8	29.7	29.0	29.2	29.2	27.5	26.6	26.8
Clark International Airport, Pampanga												
Maximum Temperature	30.2	31.5	32.5	34.4	33.6	32.5	32.0	29.7	30.1	30.6	29.7	30.6
Minimum Temperature	20.6	20.0	21.3	23.2	23.5	24.0	23.6	23.2	23.1	22.8	22.0	21.4
Mean Temperature	25.4	25.8	26.9	28.8	28.6	28.3	27.8	26.5	26.6	26.7	25.9	26.0
Coron, Palawan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	23.1	23.1	24.2	24.6	24.8	24.9	24.2	24.4	23.7	23.6	23.5	24.0
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Cotabato City, Maguindanao												
Maximum Temperature	31.3	32.5	33.5	34.0	32.9	32.9	32.1	31.9	32.3	32.2	32.0	32.1
Minimum Temperature	22.3	22.8	23.4	23.7	23.0	22.6	22.3	22.5	22.8	22.3	22.3	21.9
Mean Temperature	26.8	27.7	28.5	28.9	28.0	27.8	27.2	27.2	27.6	27.3	27.2	27.0
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	31.9	32.5	34.1	34.9	33.5	32.8	32.0	30.0	30.5	31.0	30.2	30.9
Minimum Temperature	22.7	22.4	23.5	25.1	25.2	25.2	24.4	24.3	24.4	24.0	23.4	23.6
Mean Temperature	27.3	27.5	28.8	30.0	29.4	29.0	28.2	27.2	27.5	27.5	26.8	27.3

Continued

Table 1.4.2
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2007
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	30.7	31.4	32.9	34.4	33.3	32.6	31.9	31.7	31.1	31.6	31.2	31.6
Minimum Temperature	24.9	24.7	25.4	26.5	26.4	26.1	25.8	26.2	25.7	25.7	25.7	25.9
Mean Temperature	27.8	28.1	29.2	30.5	29.9	29.4	28.9	29.0	28.4	28.7	28.5	28.8
Daet, Camarines Norte												
Maximum Temperature	29.0	29.4	30.6	32.2	32.6	32.8	32.3	32.0	31.8	30.7	29.9	29.0
Minimum Temperature	24.4	24.0	24.1	26.1	25.8	25.6	25.8	25.5	25.3	25.4	24.5	24.7
Mean Temperature	26.7	26.7	27.4	29.2	29.2	29.2	29.1	28.8	28.6	28.1	27.2	26.9
Dagupan City, Pangasinan												
Maximum Temperature	31.1	31.6	32.7	34.7	33.2	33.9	33.4	31.1	31.4	31.6	30.7	30.7
Minimum Temperature	20.7	20.9	22.2	23.7	24.2	24.1	24.1	23.4	23.6	23.6	22.8	20.2
Mean Temperature	25.9	26.3	27.5	29.2	28.7	29.0	28.8	27.3	27.5	27.6	26.8	25.5
Davao City, Davao Del Sur												
Maximum Temperature	29.8	31.1	31.6	33.2	32.2	31.8	30.9	31.1	31.7	32.1	31.9	31.3
Minimum Temperature	24.2	23.8	24.0	24.7	24.6	24.8	24.1	24.0	24.7	24.3	24.0	24.2
Mean Temperature	27.0	27.5	27.8	29.0	28.4	28.3	27.5	27.6	28.2	28.2	28.0	27.8
Dipolog, Zamboanga del Norte												
Maximum Temperature	30.3	31.0	32.5	32.9	32.4	31.7	31.8	31.8	32.1	32.1	30.8	30.8
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Dumaguete City, Negros Oriental												
Maximum Temperature	29.0	29.5	30.5	31.1	31.9	31.6	31.5	32.2	31.2	31.0	30.3	29.6
Minimum Temperature	24.8	24.5	24.6	26.1	25.1	25.2	24.6	24.2	24.5	24.4	24.0	25.2
Mean Temperature	26.9	27.0	27.6	28.6	28.5	28.4	28.1	28.2	27.9	27.7	27.2	27.4
General Santos City, South Cotabato												
Maximum Temperature	30.9	32.7	34.3	35.8	34.7	33.0	30.7	30.9	32.4	32.5	31.9	32.0
Minimum Temperature	22.8	22.3	22.7	23.8	23.7	23.5	22.7	22.7	23.1	23.1	23.0	22.9
Mean Temperature	26.9	27.5	28.5	29.8	29.2	28.3	26.7	26.8	27.8	27.8	27.5	27.5
Guiuan, Eastern Samar												
Maximum Temperature	28.2	28.4	29.5	30.3	31.3	31.7	30.8	31.1	31.0	29.8	29.0	28.7
Minimum Temperature	25.2	25.0	25.3	26.2	26.3	26.4	26.0	26.2	26.3	25.6	25.3	25.3
Mean Temperature	26.7	26.7	27.4	28.3	28.8	29.1	28.4	28.7	28.7	27.7	27.2	27.0
Hinatuan, Surigao del Sur												
Maximum Temperature	29.2	30.5	31.2	32.2	33.2	32.3	32.3	32.2	32.3	32.1	31.7	30.4
Minimum Temperature	24.0	23.6	23.4	24.2	24.6	24.6	24.3	24.1	24.2	23.8	23.6	23.8
Mean Temperature	26.6	27.1	27.3	28.2	28.9	28.5	28.3	28.2	28.3	28.0	27.7	27.1
Iba, Zambales												
Maximum Temperature	31.1	30.7	32.1	33.1	32.4	32.9	31.8	29.9	30.3	31.0	30.8	30.9
Minimum Temperature	22.3	21.8	23.6	24.9	25.0	25.4	24.8	24.1	24.1	24.0	23.1	22.8
Mean Temperature	26.7	26.3	27.9	29.0	28.7	29.2	28.3	27.0	27.2	27.5	27.0	26.9
Infanta, Quezon												
Maximum Temperature	28.3	29.1	30.9	32.2	33.3	33.5	33.3	32.9	33.3	31.5	29.6	28.5
Minimum Temperature	22.7	22.0	23.0	24.1	24.8	25.3	25.1	24.9	24.9	24.6	23.7	23.5
Mean Temperature	25.5	25.6	27.0	28.2	29.1	29.4	29.2	28.9	29.1	28.1	26.7	26.0
Itbayat, Batanes												
Maximum Temperature	24.2	25.6	26.5	27.7	29.6	31.5	32.3	29.8	29.7	28.1	25.9	25.6
Minimum Temperature	18.8	19.4	20.4	21.3	23.4	25.1	25.7	24.7	23.7	22.8	20.9	20.1
Mean Temperature	21.5	22.5	23.5	24.5	26.5	28.3	29.0	27.3	26.7	25.5	23.4	22.9
Laoag City, Ilocos Norte												
Maximum Temperature	31.3	...	32.8	34.3	34.2	33.8	33.4	31.1	31.9	32.4	30.6	31.0
Minimum Temperature	20.9	...	22.2	23.9	24.7	24.9	24.9	24.1	24.0	23.6	23.2	21.3
Mean Temperature	26.1	...	27.5	29.1	29.5	29.4	29.2	27.6	28.0	28.0	26.9	26.2
Legazpi City, Albay												
Maximum Temperature	28.9	29.8	29.9	31.2	32.2	32.2	31.9	31.4	30.3	30.4	29.2	29.5
Minimum Temperature	24.2	24.6	24.6	25.9	25.9	26.3	25.6	25.5	25.2	25.3	24.6	25.1
Mean Temperature	26.6	27.2	27.3	28.6	29.1	29.3	28.8	28.5	27.8	27.9	26.9	27.3
Lumbia Airport, Misamis Oriental												
Maximum Temperature	29.6	30.3	32.2	33.4	33.2	32.1	31.5	32.2	32.3	31.9	30.2	30.5
Minimum Temperature	22.1	21.2	21.3	22.4	23.3	22.8	22.3	22.1	22.6	22.0	21.6	21.6
Mean Temperature	25.9	25.8	26.8	27.9	28.3	27.5	26.9	27.2	27.5	27.0	25.9	26.1
Maasin, Southern Leyte												
Maximum Temperature	29.3	30.8	32.4	33.4	33.4	33.7	32.0	31.6	31.5	31.2	30.1	30.3
Minimum Temperature	23.3	23.2	23.7	24.8	24.8	25.4	24.6	24.7	24.3	24.0	23.7	23.7
Mean Temperature	26.3	27.0	28.1	29.1	29.1	29.6	28.3	28.2	27.9	27.6	26.9	27.0
Mactan International Airport, Cebu												
Maximum Temperature	29.2	30.4	31.3	32.3	32.9	32.2	31.2	31.6	31.1	31.2	30.2	29.9
Minimum Temperature	23.9	23.9	24.5	25.7	25.1	25.3	24.9	25.0	24.4	24.3	23.9	24.0
Mean Temperature	26.6	27.2	27.9	29.0	29.0	28.8	28.1	28.3	27.8	27.8	27.1	27.0
Malaybalay, Bukidnon												
Maximum Temperature	28.1	29.5	30.9	31.7	30.8	30.5	29.0	28.8	28.5	29.4	28.5	29.5
Minimum Temperature	18.8	17.8	17.4	18.7	19.3	19.5	18.8	19.2	19.3	18.9	18.6	19.0
Mean Temperature	23.5	23.7	24.2	25.2	25.1	25.0	23.9	24.0	23.9	24.2	23.6	24.3

Continued

Table 1.4.2
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2007
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	30.2	31.5	31.8	34.0	34.2	34.0	33.1	32.5	32.2	32.0	30.5	31.4
Minimum Temperature	24.2	24.1	24.6	25.9	26.0	26.1	25.6	25.2	25.2	25.3	24.9	24.9
Mean Temperature	27.2	27.8	28.2	30.0	30.1	30.1	29.4	28.9	28.7	28.7	27.7	28.2
NAIA (MIA), Pasay City												
Maximum Temperature	30.5	31.3	33.2	35.0	34.5	33.6	32.8	30.9	31.0	30.9	30.2	30.5
Minimum Temperature	23.5	23.4	24.3	26.3	26.2	26.9	25.8	25.0	25.4	24.8	24.1	23.9
Mean Temperature	27.0	27.4	28.8	30.7	30.4	30.3	29.3	28.0	28.2	27.9	27.2	27.2
Port Area (MCO), Manila												
Maximum Temperature	30.8	31.2	32.6	34.2	33.4	33.6	32.5	30.7	31.1	30.8	30.2	30.6
Minimum Temperature	24.9	24.3	25.8	27.1	27.0	27.5	26.8	26.0	25.9	25.7	24.8	24.8
Mean Temperature	27.9	27.8	29.2	30.7	30.2	30.6	29.7	28.4	28.5	28.3	27.5	27.7
Puerto Princesa City, Palawan												
Maximum Temperature	31.6	31.8	32.5	33.6	33.6	33.5	31.7	32.2	32.1	32.2	31.1	31.6
Minimum Temperature	24.6	23.5	24.5	25.3	25.3	25.3	24.7	24.4	24.4	24.2	23.7	24.6
Mean Temperature	28.1	27.7	28.5	29.5	29.5	29.4	28.2	28.3	28.3	28.2	27.4	28.1
Romblon, Romblon												
Maximum Temperature	28.3	29.1	29.9	31.6	32.8	32.2	31.2	30.1	29.9	29.4	28.4	28.3
Minimum Temperature	24.2	24.5	25.2	26.3	26.4	26.6	25.5	25.4	25.0	24.8	24.7	24.8
Mean Temperature	26.3	26.8	27.6	29.0	29.6	29.4	28.4	27.8	27.5	27.1	26.6	26.6
Roxas City, Capiz												
Maximum Temperature	28.5	29.5	30.7	31.6	32.2	32.2	32.2	32.3	31.4	30.9	30.2	29.6
Minimum Temperature	24.8	25.0	25.4	26.2	25.8	25.2	25.3	25.3	25.0	25.3	24.9	25.5
Mean Temperature	26.7	27.3	28.1	28.9	29.0	28.7	28.8	28.8	28.2	28.1	27.6	27.6
San Jose, Occidental Mindoro												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Sangley Point, Cavite												
Maximum Temperature	30.7	31.2	32.9	34.3	34.5	33.5	33.2	30.9	31.4	30.6	29.7	30.1
Minimum Temperature	25.4	24.8	25.8	26.9	27.2	27.5	26.8	26.0	26.1	25.8	24.8	25.1
Mean Temperature	28.1	28.0	29.4	30.6	30.9	30.5	30.0	28.5	28.8	28.2	27.3	27.6
Science Garden, Quezon City												
Maximum Temperature	30.7	31.2	33.1	34.7	34.3	33.9	33.0	30.7	31.4	30.9	30.7	30.7
Minimum Temperature	22.4	21.2	22.5	24.7	25.1	25.5	24.8	24.5	25.1	24.2	23.2	22.8
Mean Temperature	26.6	26.2	27.8	29.7	29.7	29.7	28.9	27.6	28.3	27.6	27.0	26.8
Sinait, Ilocos Sur												
Maximum Temperature	31.0	30.6	31.7	32.6	32.5	32.7	32.5	30.4	31.5	...	...	...
Minimum Temperature	21.2	20.6	22.5	24.1	24.6	24.6	24.2	23.2	23.6	22.5	21.9	21.6
Mean Temperature	26.1	25.6	27.1	28.4	28.6	28.7	28.4	26.8	27.6	...	...	...
Surigao, Surigao del Norte												
Maximum Temperature	28.8	30.4	31.5	32.0	33.2	32.5	32.7	32.7	32.5	31.9	30.5	30.2
Minimum Temperature	23.8	23.8	24.2	24.8	25.4	25.7	25.0	25.2	25.1	24.6	24.1	24.0
Mean Temperature	26.3	27.1	27.9	28.4	29.3	29.1	28.9	29.0	28.8	28.3	27.3	27.1
Tacloban City, Leyte												
Maximum Temperature	29.7	30.6	31.2	32.1	32.3	32.2	...	32.0	31.7	30.9	29.8	30.0
Minimum Temperature	24.3	23.9	23.9	25.2	25.3	25.6	...	24.9	25.2	24.9	24.7	24.7
Mean Temperature	27.0	27.3	27.6	28.7	28.8	28.9	...	28.5	28.5	27.9	27.3	27.4
Tagbilaran City, Bohol												
Maximum Temperature	30.9	32.1	33.3	34.0	33.7	33.2	32.5	33.6	32.7	32.7	31.6	31.4
Minimum Temperature	23.3	23.2	23.1	24.5	24.7	24.6	24.2	25.1	24.7	24.3	23.7	23.7
Mean Temperature	27.1	27.7	28.2	29.3	29.2	28.9	28.4	29.4	28.7	28.5	27.7	27.6
Tanay, Rizal												
Maximum Temperature	24.5	25.7	27.2	28.1	28.8	28.3	27.5	25.8	26.4	25.5	24.8	24.7
Minimum Temperature	18.5	18.3	18.7	20.6	21.2	21.5	20.5	19.9	20.9	20.3	19.4	19.4
Mean Temperature	21.5	22.0	23.0	24.4	25.0	24.9	24.0	22.9	23.7	22.9	22.1	22.1
Tayabas, Quezon												
Maximum Temperature	27.9	28.9	30.6	32.5	32.7	32.7	32.0	31.0	31.6	30.7	29.3	28.6
Minimum Temperature	21.5	21.6	22.0	23.2	23.6	24.2	23.8	23.7	23.0	23.3	22.7	22.2
Mean Temperature	24.7	25.3	26.3	27.9	28.2	28.5	27.9	27.4	27.3	27.0	26.0	25.4
Tuguegarao, Cagayan												
Maximum Temperature	28.3	31.0	33.1	35.8	36.0	35.3	35.3	33.4	33.7	...	28.8	28.7
Minimum Temperature	19.5	19.0	20.2	22.6	22.5	22.6	22.7	21.8	22.2	...	19.8	18.8
Mean Temperature	23.9	25.0	26.7	29.2	29.3	29.0	29.0	27.6	28.0	...	24.3	23.8
Virac Synop, Catanduanes												
Maximum Temperature	29.5	29.7	30.2	31.3	32.2	31.9	31.8	31.4	31.5	30.5	29.5	30.4
Minimum Temperature	22.9	22.4	22.5	23.6	24.3	24.8	24.5	24.4	24.6	24.1	23.7	23.5
Mean Temperature	26.2	26.1	26.4	27.5	28.3	28.4	28.2	27.9	28.1	27.3	26.6	27.0
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	31.7	33.0	32.8	33.7	32.9	...	31.3	31.5	31.6	31.9	...	32.5
Minimum Temperature	24.0	24.3	24.4	25.0	24.9	...	24.3	24.3	24.7	24.4	...	24.4
Mean Temperature	27.9	28.7	28.6	29.4	28.9	...	27.8	27.9	28.2	28.2	...	28.5

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.3
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2008
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	28.4	27.4	...	...	...	...	...	...	31.7	31.0	...	...
Minimum Temperature	23.1	22.4	...	...	...	...	...	...	23.5	23.8	...	...
Mean Temperature	25.8	24.9	...	...	...	...	...	...	27.6	27.4	...	...
Ambulong, Batangas												
Maximum Temperature	30.2	30.1	32.8	33.9	31.4	32.7	32.0	31.6	31.7	32.4	31.5	29.5
Minimum Temperature	23.5	23.1	23.5	24.8	24.8	24.6	24.5	23.9	24.3	24.4	24.5	23.0
Mean Temperature	26.9	26.6	28.2	29.4	28.1	28.7	28.3	27.8	28.0	28.4	28.0	26.3
Aparri, Cagayan												
Maximum Temperature	27.5	26.8	29.0	33.7	33.3	35.5	33.8	32.5	32.8	33.3	29.8	27.5
Minimum Temperature	20.8	21.3	21.8	24.4	24.3	25.0	24.6	24.2	23.7	24.0	23.5	21.5
Mean Temperature	24.2	24.1	25.4	29.1	28.8	30.3	29.2	28.4	28.3	28.7	26.7	24.5
Baguio City, Benguet												
Maximum Temperature	23.3	22.4	23.6	24.3	22.8	23.8	22.3	22.0	22.8	23.9	23.7	23.4
Minimum Temperature	14.1	13.7	14.2	15.9	15.7	16.5	16.2	15.9	16.2	16.3	15.9	14.0
Mean Temperature	18.7	18.1	18.9	20.1	19.3	20.2	19.3	19.0	19.5	20.1	19.8	18.7
Baler, Aurora (Radar)												
Maximum Temperature	27.7	26.8	28.4	30.0	30.3	30.8	30.8	30.8	31.9	30.6	28.6	27.6
Minimum Temperature	21.8	21.2	22.2	23.7	24.0	24.3	24.6	24.1	24.6	24.2	23.0	22.2
Mean Temperature	24.8	24.0	25.3	26.9	27.2	27.6	27.7	27.5	28.3	27.4	25.8	24.9
Basco, Batanes (Radar)												
Maximum Temperature	24.6	23.8	25.6	29.1	29.9	31.1	30.4	30.2	30.1	29.7	27.3	25.0
Minimum Temperature	19.5	17.9	19.2	22.7	22.7	24.4	24.3	24.1	24.4	23.8	21.4	18.0
Mean Temperature	22.0	20.8	22.4	25.9	26.3	27.7	27.4	27.2	27.2	26.8	24.4	21.5
Borongan, Easter Samar												
Maximum Temperature	30.3	29.1	30.5	30.8	31.8	31.3	31.9	31.6	31.5	31.5	30.4	30.1
Minimum Temperature	23.8	22.9	23.4	24.4	24.0	23.7	23.8	23.4	23.9	24.0	23.8	23.5
Mean Temperature	27.1	26.0	27.0	27.6	27.9	27.5	27.9	27.5	27.7	27.8	27.1	26.8
Butuan City, Agusan del Norte												
Maximum Temperature	31.1	30.7	31.6	32.4	32.7	32.6	32.5	32.8	32.4	32.3	31.8	31.5
Minimum Temperature	23.7	23.4	23.8	24.1	24.6	24.4	24.1	24.1	24.1	24.3	24.3	24.2
Mean Temperature	27.4	27.1	27.7	28.3	28.7	28.5	28.3	28.5	28.3	28.3	28.1	27.9
Cabanatuan, Nueva Ecija												
Maximum Temperature	31.6	31.5	33.8	35.6	34.0	34.4	32.6	31.4	32.5	33.1	32.0	32.3
Minimum Temperature	21.5	21.9	22.4	23.5	24.0	24.2	24.1	23.8	24.0	23.9	23.2	22.1
Mean Temperature	26.6	26.7	28.1	29.6	29.0	29.3	28.4	27.6	28.3	28.5	27.6	27.2
Calapan, Oriental Mindoro												
Maximum Temperature	29.5	28.9	30.7	31.7	31.6	31.2	31.6	31.8	31.6	31.7	30.2	28.9
Minimum Temperature	22.3	21.6	22.9	23.6	23.7	23.6	24.0	24.0	23.8	24.1	23.4	23.0
Mean Temperature	25.9	25.3	26.8	27.7	27.7	27.4	27.8	27.9	27.7	27.9	26.8	26.0
Calayan, Cagayan												
Maximum Temperature	26.8	26.4	27.9	31.6	31.3	32.7	...	...	...	...	...	...
Minimum Temperature	22.1	20.5	22.5	24.5	24.5	25.7	...	...	...	...	...	...
Mean Temperature	24.5	23.5	25.2	28.1	27.9	29.2	...	...	...	...	...	...
Casiguran, Aurora												
Maximum Temperature	27.8	26.8	28.8	31.2	31.5	32.4	31.8	31.6	32.7	31.3	29.2	27.6
Minimum Temperature	21.5	21.0	21.9	23.2	23.9	24.3	24.3	23.8	24.1	23.8	23.0	21.6
Mean Temperature	24.7	23.9	25.4	27.2	27.7	28.4	28.1	27.7	28.4	27.6	26.1	24.6
Catarman, Northern Samar												
Maximum Temperature	30.0	28.5	30.3	31.5	32.3	32.2	32.7	32.2	32.0	31.6	31.1	29.5
Minimum Temperature	22.6	22.4	22.6	23.2	23.3	23.3	23.5	22.9	23.4	22.7	23.0	22.5
Mean Temperature	26.3	25.5	26.5	27.4	27.8	27.8	28.1	27.6	27.7	27.2	27.1	26.0
Catbalogan, Western Samar												
Maximum Temperature	31.0	29.2	31.8	33.0	32.2	32.7	32.8	32.4	32.3	32.3	31.9	30.9
Minimum Temperature	21.1	20.7	21.7	22.6	22.9	22.9	23.1	23.2	23.5	22.9	22.2	21.4
Mean Temperature	26.1	25.0	26.8	27.8	27.6	27.8	28.0	27.8	27.9	27.6	27.1	26.2
Clark International Airport, Pampanga												
Maximum Temperature	30.0	30.0	31.7	33.5	31.8	31.7	30.7	30.1	30.9	31.2	30.2	30.2
Minimum Temperature	20.7	21.1	21.5	23.1	23.0	23.1	23.2	22.7	23.1	23.2	22.4	21.2
Mean Temperature	25.4	25.6	26.6	28.3	27.4	27.4	27.0	26.4	27.0	27.2	26.3	25.7
Coron, Palawan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	23.6	23.4	23.6	25.0	23.9	24.2	23.8	24.0	23.7	24.3	24.5	23.3
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Cotabato City, Maguindanao												
Maximum Temperature	31.7	32.0	32.4	33.1	32.2	32.3	32.1	32.5	32.4	32.8	32.9	32.9
Minimum Temperature	21.3	21.8	22.0	22.4	22.0	21.8	22.0	22.0	21.8	22.0	22.2	22.3
Mean Temperature	26.5	26.9	27.2	27.8	27.1	27.1	27.1	27.3	27.1	27.4	27.6	27.6
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	31.0	31.0	32.5	34.9	31.2	32.2	30.7	29.8	30.4	31.7	31.1	30.6
Minimum Temperature	22.8	23.1	23.6	25.2	24.7	24.5	24.3	23.8	24.2	24.4	24.1	23.4
Mean Temperature	26.9	27.1	28.1	30.1	28.0	28.4	27.5	26.8	27.3	28.1	27.6	27.0

Continued

Table 1.4.3
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2008
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	31.1	31.3	32.6	33.6	31.4	31.8	31.5	31.8	31.2	32.5	33.0	31.3
Minimum Temperature	25.7	25.7	26.2	26.5	25.6	25.7	25.5	25.9	25.5	26.2	26.2	25.6
Mean Temperature	28.4	28.5	29.4	30.1	28.5	28.8	28.5	28.9	28.4	29.4	29.6	28.5
Daet, Camarines Norte												
Maximum Temperature	29.2	28.2	29.6	31.6	31.5	32.5	32.0	31.9	32.0	31.6	30.7	28.7
Minimum Temperature	24.3	23.6	24.2	25.7	24.9	25.2	25.3	24.9	25.1	25.2	25.4	24.5
Mean Temperature	26.8	25.9	26.9	28.7	28.2	28.9	28.7	28.4	28.6	28.4	28.1	26.6
Dagupan City, Pangasinan												
Maximum Temperature	31.2	31.0	32.3	34.9	32.2	33.3	31.9	31.3	31.7	32.5	32.0	30.9
Minimum Temperature	20.3	20.6	21.9	23.9	23.7	24.1	23.8	23.5	23.7	23.9	22.9	20.7
Mean Temperature	25.8	25.8	27.1	29.4	28.0	28.7	27.9	27.4	27.7	28.2	27.5	25.8
Davao City, Davao Del Sur												
Maximum Temperature	31.0	31.0	31.4	32.2	31.9	31.4	30.9	31.4	31.9	31.7	31.3	31.1
Minimum Temperature	23.8	23.9	23.8	24.3	24.1	24.0	23.9	23.9	24.0	24.2	24.1	24.0
Mean Temperature	27.4	27.5	27.6	28.3	28.0	27.7	27.4	27.7	28.0	28.0	27.7	27.6
Dipolog, Zamboanga del Norte												
Maximum Temperature	31.0	30.5	31.3	31.6	31.2	31.5	31.4	31.4	31.8	32.0	31.6	30.7
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Dumaguete City, Negros Oriental												
Maximum Temperature	29.1	29.1	30.1	30.9	31.4	31.0	31.5	31.6	31.6	31.2	30.7	30.4
Minimum Temperature	24.5	24.6	24.5	25.8	23.9	24.2	24.0	23.7	24.2	24.5	25.0	25.2
Mean Temperature	26.8	26.9	27.3	28.4	27.7	27.6	27.8	27.7	27.9	27.9	27.9	27.8
General Santos City, South Cotabato												
Maximum Temperature	31.2	31.8	32.8	32.5	31.9	32.0	31.7	32.4	31.7	32.5	32.0	32.4
Minimum Temperature	22.6	22.8	22.6	23.1	22.7	22.9	22.5	22.7	22.6	22.9	22.7	23.2
Mean Temperature	26.9	27.3	27.7	27.8	27.3	27.5	27.1	27.6	27.2	27.7	27.4	27.8
Guiuan, Eastern Samar												
Maximum Temperature	28.0	27.6	28.6	29.6	30.7	30.4	30.7	30.4	30.1	29.8	29.4	28.9
Minimum Temperature	25.1	24.5	25.1	25.9	25.8	25.7	25.5	25.8	25.9	25.9	25.8	25.3
Mean Temperature	26.6	26.1	26.9	27.8	28.3	28.1	28.1	28.1	28.0	27.9	27.6	27.1
Hinatuan, Surigao del Sur												
Maximum Temperature	30.3	29.7	30.5	31.1	32.1	31.1	31.5	32.1	32.4	31.6	30.9	30.6
Minimum Temperature	23.6	23.3	23.4	24.2	24.1	23.8	23.5	23.6	23.9	23.7	23.6	23.4
Mean Temperature	27.0	26.5	27.0	27.7	28.1	27.5	27.5	27.9	28.2	27.7	27.3	27.0
Iba, Zambales												
Maximum Temperature	31.5	31.2	32.0	33.7	31.5	32.1	30.9	29.6	30.5	31.9	32.1	31.3
Minimum Temperature	22.9	22.7	23.4	24.8	24.1	24.5	24.0	23.5	23.7	24.1	24.0	23.3
Mean Temperature	27.2	27.0	27.7	29.3	27.8	28.3	27.5	26.6	27.1	28.0	28.1	27.3
Infanta, Quezon												
Maximum Temperature	28.0	27.0	29.3	31.4	32.6	32.8	32.8	32.5	33.1	31.1	29.8	27.7
Minimum Temperature	22.9	21.9	22.8	24.5	24.5	24.8	24.6	24.5	24.9	24.4	24.1	22.9
Mean Temperature	25.5	24.5	26.1	28.0	28.6	28.8	28.7	28.5	29.0	27.8	27.0	25.3
Itbayat, Batanes												
Maximum Temperature	24.1	23.3	25.2	28.8	29.6	31.2	30.9	30.4	30.2	29.6	27.1	25.4
Minimum Temperature	19.4	18.0	19.3	22.4	22.7	24.6	24.4	24.4	24.3	23.5	21.0	17.8
Mean Temperature	21.8	20.7	22.3	25.6	26.2	27.9	27.7	27.4	27.3	26.6	24.1	21.6
Laoag City, Ilocos Norte												
Maximum Temperature	31.3	30.9	32.3	34.1	33.2	33.9	31.4	30.5	31.5	33.0	31.5	31.3
Minimum Temperature	21.3	20.7	21.8	23.9	24.5	24.7	24.3	24.0	24.2	24.1	23.9	20.8
Mean Temperature	26.3	25.8	27.1	29.0	28.9	29.3	27.9	27.3	27.9	28.6	27.7	26.1
Legazpi City, Albay												
Maximum Temperature	28.9	27.8	29.8	30.6	31.1	31.5	31.4	31.0	31.1	31.1	30.7	28.9
Minimum Temperature	24.2	23.6	24.3	25.2	24.9	25.2	25.0	24.8	25.3	25.2	25.2	24.3
Mean Temperature	26.6	25.7	27.1	27.9	28.0	28.4	28.2	27.9	28.2	28.2	28.0	26.6
Lumbia Airport, Misamis Oriental												
Maximum Temperature	30.1	29.8	31.0	32.2	32.2	31.5	31.5	31.6	31.9	31.3	31.0	30.6
Minimum Temperature	21.0	21.3	21.3	21.7	22.2	21.7	21.8	21.3	21.6	21.7	21.7	22.1
Mean Temperature	25.6	25.6	26.2	27.0	27.2	26.6	26.7	26.5	26.8	26.5	26.4	26.4
Maasin, Southern Leyte												
Maximum Temperature	29.8	29.7	30.7	32.5	31.3	31.5	31.2	31.2	31.5	31.9	31.2	30.4
Minimum Temperature	23.2	22.9	23.6	24.2	24.0	24.3	23.9	23.9	23.8	24.3	24.2	23.7
Mean Temperature	26.5	26.3	27.2	28.4	27.7	27.9	27.6	27.6	27.7	28.1	27.7	27.1
Mactan International Airport, Cebu												
Maximum Temperature	29.3	29.7	30.5	31.8	31.0	31.3	31.4	32.2	31.6	31.5	31.4	30.2
Minimum Temperature	23.7	23.6	24.5	25.3	24.7	25.3	24.9	24.8	24.8	25.2	25.6	24.7
Mean Temperature	26.5	26.7	27.5	28.6	27.9	28.3	28.2	28.5	28.2	28.4	28.5	27.5
Malaybalay, Bukidnon												
Maximum Temperature	29.0	28.9	29.8	30.2	28.9	29.2	29.8	29.9	29.3	30.0	29.3	29.3
Minimum Temperature	18.6	18.0	18.2	18.4	18.9	18.8	19.0	18.4	18.7	19.0	18.9	18.9
Mean Temperature	23.8	23.5	24.0	24.3	23.9	24.0	24.4	24.2	24.0	24.5	24.1	24.1

Continued

Table 1.4.3
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2008
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	30.4	29.2	31.7	32.4	32.2	32.1	32.5	32.0	32.2	32.7	32.7	30.5
Minimum Temperature	23.9	23.8	24.9	25.6	25.3	25.6	25.5	25.0	25.4	25.6	25.5	24.2
Mean Temperature	27.2	26.5	28.3	29.0	28.8	28.9	29.0	28.5	28.8	29.2	29.1	27.4
NAIA (MIA), Pasay City												
Maximum Temperature	30.4	30.0	32.6	34.3	32.0	32.6	31.4	30.8	31.0	32.0	31.4	29.7
Minimum Temperature	23.6	23.8	24.8	26.3	25.4	25.9	25.2	24.6	25.2	25.4	25.0	23.5
Mean Temperature	27.0	26.9	28.7	30.3	28.7	29.3	28.3	27.7	28.1	28.7	28.2	26.6
Port Area (MCO), Manila												
Maximum Temperature	30.7	29.7	31.5	33.6	31.7	32.7	31.4	30.9	31.1	31.5	31.3	29.9
Minimum Temperature	24.6	24.2	25.3	26.8	26.2	26.4	26.1	25.4	26.1	26.3	25.7	24.6
Mean Temperature	27.7	27.0	28.4	30.2	29.0	29.6	28.8	28.2	28.6	28.9	28.5	27.3
Puerto Princesa City, Palawan												
Maximum Temperature	30.9	31.0	31.6	32.0	31.9	31.6	32.1	31.7	31.5	31.8	31.1	30.7
Minimum Temperature	23.9	23.9	24.7	24.8	24.2	24.4	24.2	24.2	24.3	24.4	24.4	24.4
Mean Temperature	27.4	27.5	28.2	28.4	28.1	28.0	28.2	28.0	27.9	28.1	27.8	27.6
Romblon, Romblon												
Maximum Temperature	27.9	27.7	29.3	30.9	30.6	31.2	32.1	31.3	29.9	30.1	29.9	27.7
Minimum Temperature	24.4	24.0	25.0	26.2	25.1	25.6	25.9	25.6	25.3	25.5	25.1	24.6
Mean Temperature	26.2	25.9	27.2	28.6	27.9	28.4	29.0	28.5	27.6	27.8	27.5	26.2
Roxas City, Capiz												
Maximum Temperature	29.1	28.4	30.0	31.2	31.1	31.0	31.8	31.3	30.7	31.1	30.8	29.4
Minimum Temperature	25.3	24.9	25.5	26.0	25.4	25.4	25.5	25.0	24.8	25.4	25.8	25.3
Mean Temperature	27.2	26.7	27.8	28.6	28.3	28.2	28.7	28.2	27.8	28.3	28.3	27.4
San Jose, Occidental Mindoro												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Sangley Point, Cavite												
Maximum Temperature	30.1	29.8	32.5	33.9	32.3	33.0	32.2	31.1	31.3	31.8	30.9	29.5
Minimum Temperature	24.8	24.6	25.6	27.1	26.0	26.8	26.3	25.4	25.9	26.3	26.0	24.6
Mean Temperature	27.5	27.2	29.1	30.5	29.2	29.9	29.3	28.3	28.6	29.1	28.5	27.1
Science Garden, Quezon City												
Maximum Temperature	31.0	30.8	32.7	34.5	32.8	32.8	32.3	31.3	31.3	32.0	31.6	30.2
Minimum Temperature	21.8	21.9	22.4	23.8	24.0	24.5	24.5	23.6	24.0	23.7	23.5	22.4
Mean Temperature	26.4	26.4	27.6	29.2	28.4	28.7	28.4	27.5	27.7	27.9	27.6	26.3
Sinait, Ilocos Sur												
Maximum Temperature	...	...	...	...	31.7	33.4	31.1	29.8	30.3	31.6	30.7	30.9
Minimum Temperature	21.7	21.1	22.4	24.4	24.0	23.9	22.9	22.6	24.1	24.2	23.2	21.8
Mean Temperature	...	...	...	...	27.9	28.7	27.0	26.2	27.2	27.9	27.0	26.4
Surigao, Surigao del Norte												
Maximum Temperature	29.7	29.2	30.2	31.4	32.5	31.9	32.4	32.3	32.2	31.9	31.2	30.8
Minimum Temperature	23.5	23.7	24.0	24.4	25.0	24.5	24.4	24.5	24.6	24.4	24.0	24.0
Mean Temperature	26.6	26.5	27.1	27.9	28.8	28.2	28.4	28.4	28.4	28.2	27.6	27.4
Tacloban City, Leyte												
Maximum Temperature	29.5	28.5	30.6	31.4	31.7	31.7	32.1	31.9	31.1	31.8	30.8	29.9
Minimum Temperature	24.0	23.7	24.5	25.1	25.3	25.2	25.3	25.0	25.3	25.4	25.1	24.7
Mean Temperature	26.8	26.1	27.6	28.3	28.5	28.5	28.7	28.5	28.2	28.6	28.0	27.3
Tagbilaran City, Bohol												
Maximum Temperature	30.9	31.1	31.8	32.8	32.5	32.2	32.5	32.8	33.0	32.6	32.4	31.4
Minimum Temperature	23.0	23.3	23.2	23.8	24.3	23.8	24.0	24.2	24.5	24.0	23.8	23.6
Mean Temperature	27.0	27.2	27.5	28.3	28.4	28.0	28.3	28.5	28.8	28.3	28.1	27.5
Tanay, Rizal												
Maximum Temperature	24.2	24.0	26.8	27.9	26.8	26.8	25.8	26.0	25.8	26.2	24.8	23.3
Minimum Temperature	18.7	18.5	19.4	20.4	20.7	21.2	20.6	20.4	20.7	21.0	20.2	18.9
Mean Temperature	21.5	21.3	23.1	24.2	23.8	24.0	23.2	23.2	23.3	23.6	22.5	21.1
Tayabas, Quezon												
Maximum Temperature	28.2	27.6	29.8	31.6	31.0	31.7	31.5	31.3	31.6	31.2	30.2	30.2
Minimum Temperature	21.8	20.8	21.8	23.7	22.2	23.6	23.4	23.0	23.4	23.1	22.9	21.2
Mean Temperature	25.0	24.2	25.8	27.7	26.6	27.7	27.5	27.2	27.5	27.2	26.6	25.7
Tuguegarao, Cagayan												
Maximum Temperature	28.8	27.9	31.4	35.8	33.8	35.9	33.5	32.3	33.1	32.5	29.4	27.4
Minimum Temperature	18.2	17.7	19.7	21.5	21.4	22.1	21.9	21.9	21.9	21.1	20.0	18.2
Mean Temperature	23.5	22.8	25.6	28.7	27.6	29.0	27.7	27.1	27.5	26.8	24.7	22.8
Virac Synop, Catanduanes												
Maximum Temperature	29.3	28.3	29.8	30.8	31.6	31.6	31.7	31.1	31.3	31.0	30.8	29.0
Minimum Temperature	22.9	22.5	23.2	24.0	24.3	24.3	24.4	24.3	24.4	24.2	24.3	23.4
Mean Temperature	26.1	25.4	26.5	27.4	28.0	28.0	28.1	27.7	27.9	27.6	27.6	26.2
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	31.5	31.0	32.0	32.3	31.5	31.3	31.4	31.8	32.0	32.1	31.7	32.3
Minimum Temperature	24.0	23.9	24.0	24.3	24.0	24.1	24.0	24.1	24.5	24.4	24.4	24.1
Mean Temperature	27.8	27.5	28.0	28.3	27.8	27.7	27.7	28.0	28.3	28.3	28.1	28.2

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.4
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2009
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	26.5	28.6	30.6	31.0	30.7	...	31.7	31.9	...	...	29.8	...
Minimum Temperature	21.7	23.2	23.0	23.9	23.8	...	23.5	23.9	...	...	23.4	...
Mean Temperature	24.1	25.9	26.8	27.5	27.3	...	27.6	27.9	...	...	26.6	...
Ambulong, Batangas												
Maximum Temperature	29.0	31.1	33.3	33.0	32.2	31.8	31.6	31.6	30.5	31.0	31.6	30.9
Minimum Temperature	22.1	23.6	23.9	24.9	24.9	24.8	24.6	25.1	24.6	24.1	23.8	21.6
Mean Temperature	25.6	27.4	28.6	29.0	28.6	28.3	28.1	28.4	27.6	27.6	27.7	26.3
Aparri, Cagayan												
Maximum Temperature	25.2	28.6	30.9	30.5	31.1	32.7	33.3	33.6	32.4	30.6	30.3	28.0
Minimum Temperature	19.6	22.1	23.7	23.9	24.6	25.1	24.8	25.6	24.5	23.9	23.5	21.1
Mean Temperature	22.4	25.4	27.3	27.2	27.9	28.9	29.1	29.6	28.5	27.3	26.9	24.6
Baguio City, Benguet												
Maximum Temperature	22.7	24.2	24.6	23.7	23.5	22.1	22.4	22.8	22.3	21.8	24.3	23.3
Minimum Temperature	12.9	14.8	15.9	16.0	16.2	16.5	16.3	16.8	16.8	15.2	15.1	12.8
Mean Temperature	17.8	19.5	20.3	19.9	19.9	19.3	19.4	19.8	19.6	18.5	19.7	18.1
Baler, Aurora (Radar)												
Maximum Temperature	25.8	28.2	29.6	30.2	29.9	30.3	30.5	31.2	30.8	29.7	29.7	28.6
Minimum Temperature	20.9	22.0	22.9	23.7	23.3	24.7	24.5	25.1	24.8	24.0	23.4	21.8
Mean Temperature	23.4	25.1	26.3	27.0	26.6	27.5	27.5	28.2	27.8	26.9	26.6	25.2
Basco, Batanes (Radar)												
Maximum Temperature	23.6	26.6	27.5	27.0	28.7	29.3	30.2	30.5	30.0	28.3	26.9	24.8
Minimum Temperature	16.6	20.1	20.5	20.8	22.1	24.2	24.7	24.9	24.3	22.4	21.2	18.4
Mean Temperature	20.1	23.3	24.0	23.9	25.4	26.8	27.4	27.7	27.1	25.4	24.0	21.6
Borongan, Easter Samar												
Maximum Temperature	29.0	30.1	30.9	31.4	31.6	32.5	32.0	32.6	32.2	32.1	30.9	29.9
Minimum Temperature	23.0	23.9	23.5	24.4	24.2	24.0	24.0	24.2	24.5	23.5	23.9	23.2
Mean Temperature	26.0	27.0	27.2	27.9	27.9	28.3	28.0	28.4	28.4	27.8	27.4	26.6
Butuan City, Agusan del Norte												
Maximum Temperature	29.8	30.4	32.1	32.8	33.3	32.9	32.6	33.1	33.5	32.6	30.8	30.5
Minimum Temperature	24.0	23.9	23.9	24.8	25.0	24.6	24.8	25.0	25.1	24.5	23.7	23.6
Mean Temperature	26.9	27.2	28.0	28.8	29.2	28.8	28.7	29.1	29.3	28.6	27.3	27.1
Cabanatuan, Nueva Ecija												
Maximum Temperature	32.1	33.7	35.1	35.3	33.9	32.3	32.9	32.6	31.6	31.5	33.4	32.3
Minimum Temperature	21.4	22.5	23.8	23.8	24.1	24.3	24.1	24.9	24.3	23.1	22.5	20.4
Mean Temperature	26.8	28.1	29.5	29.6	29.0	28.3	28.5	28.8	28.0	27.3	28.0	26.4
Calapan, Oriental Mindoro												
Maximum Temperature	28.0	30.1	31.9	31.5	31.1	31.4	31.5	32.2	30.6	30.9	30.2	28.9
Minimum Temperature	21.4	22.8	23.4	23.6	23.8	23.8	23.3	24.8	24.3	23.9	23.8	22.0
Mean Temperature	24.7	26.5	27.7	27.6	27.5	27.6	27.4	28.5	27.5	27.4	27.0	25.5
Calayan, Cagayan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Casiguran, Aurora												
Maximum Temperature	26.2	28.7	30.3	30.7	30.6	32.1	32.2	32.5	31.7	30.8	30.1	28.6
Minimum Temperature	19.9	22.1	22.3	23.3	23.3	24.5	24.2	24.8	24.5	24.5	22.6	20.5
Mean Temperature	23.1	25.4	26.3	27.0	27.0	28.3	28.2	28.7	28.1	27.7	26.4	24.6
Catarman, Northern Samar												
Maximum Temperature	28.0	29.7	31.0	32.0	31.8	33.2	32.4	32.9	31.9	32.2	31.5	30.0
Minimum Temperature	21.8	23.1	22.5	22.9	23.3	23.6	23.6	24.0	23.8	23.6	23.2	23.0
Mean Temperature	24.9	26.4	26.8	27.5	27.6	28.4	28.0	28.5	27.9	27.9	27.4	26.5
Catbalogan, Western Samar												
Maximum Temperature	29.0	30.6	32.2	33.7	33.0	33.1	32.6	32.8	32.1	32.1	31.8	30.2
Minimum Temperature	21.5	21.8	21.6	24.0	25.0	25.1	25.6	26.5	26.5	25.6	24.2	23.0
Mean Temperature	25.3	26.2	26.9	28.9	29.0	29.1	29.1	29.7	29.3	28.9	28.0	26.6
Clark International Airport, Pampanga												
Maximum Temperature	29.3	31.5	...	32.0	31.1	30.1	30.3	30.9	29.8	30.3	31.3	30.6
Minimum Temperature	20.0	21.5	...	23.1	23.1	23.3	23.2	23.8	23.4	22.1	21.8	19.9
Mean Temperature	24.7	26.5	...	27.6	27.1	26.7	26.8	27.4	26.6	26.2	26.6	25.3
Coron, Palawan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	22.9	23.6	24.1	24.8	24.4	24.0	23.6	24.2	23.7	23.9	24.2	22.6
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Cotabato City, Maguindanao												
Maximum Temperature	33.0	32.3	33.6	33.3	32.8	32.3	31.6	33.0	32.4	33.7	33.4	33.8
Minimum Temperature	21.7	22.3	22.8	22.5	22.3	22.3	22.1	22.5	22.1	23.1	23.1	22.9
Mean Temperature	27.4	27.3	28.2	27.9	27.6	27.3	26.9	27.8	27.3	28.4	28.3	28.4
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	30.4	33.0	34.1	33.1	32.3	30.2	30.4	31.1	29.8	30.3	32.4	31.8
Minimum Temperature	22.8	23.6	24.0	24.0	24.6	24.1	24.2	25.1	24.4	24.0	23.3	22.4
Mean Temperature	26.6	28.3	29.1	28.6	28.5	27.2	27.3	28.1	27.1	27.2	27.9	27.1

Continued

Table 1.4.4
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2009
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	30.3	31.7	34.0	32.7	31.9	31.3	31.0	31.6	31.3	31.9	32.7	31.7
Minimum Temperature	24.6	25.3	26.4	26.1	25.6	25.3	25.2	25.8	25.7	25.9	26.2	25.6
Mean Temperature	27.5	28.5	30.2	29.4	28.8	28.3	28.1	28.7	28.5	28.9	29.5	28.7
Daet, Camarines Norte												
Maximum Temperature	27.7	29.6	30.7	30.9	30.5	31.7	31.5	31.4	31.0	30.5	30.3	28.9
Minimum Temperature	23.4	24.7	24.8	25.4	25.4	25.5	25.2	25.5	25.3	25.0	25.6	24.6
Mean Temperature	25.6	27.2	27.8	28.2	28.0	28.6	28.4	28.5	28.2	27.8	28.0	26.8
Dagupan City, Pangasinan												
Maximum Temperature	29.8	32.9	33.4	33.2	32.8	31.5	32.0	32.2	31.6	30.9	31.5	30.5
Minimum Temperature	19.6	21.7	23.3	23.3	23.4	23.3	23.6	23.6	23.2	22.8	22.9	20.0
Mean Temperature	24.7	27.3	28.4	28.3	28.1	27.4	27.8	27.9	27.4	26.9	27.2	25.3
Davao City, Davao Del Sur												
Maximum Temperature	31.3	30.6	32.2	32.5	32.3	31.6	31.4	32.0	32.5	33.1	31.2	31.5
Minimum Temperature	24.0	24.1	24.0	24.8	24.6	24.2	24.4	24.7	25.0	24.3	24.1	24.0
Mean Temperature	27.7	27.4	28.1	28.7	28.5	27.9	27.9	28.4	28.8	28.7	27.7	27.8
Dipolog, Zamboanga del Norte												
Maximum Temperature	30.0	30.8	32.2	32.3	32.1	32.1	31.7	32.6	32.0	32.3	32.0	31.1
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Dumaguete City, Negros Oriental												
Maximum Temperature	28.9	29.2	30.6	31.3	31.5	32.3	31.0	32.4	31.5	31.1	30.5	29.9
Minimum Temperature	24.7	24.4	24.5	25.1	24.9	24.3	24.3	24.6	24.5	23.9	24.8	24.8
Mean Temperature	26.8	26.8	27.6	28.2	28.2	28.3	27.7	28.5	28.0	27.5	27.7	27.4
General Santos City, South Cotabato												
Maximum Temperature	32.3	31.9	33.5	32.9	32.6	31.7	31.2	32.6	33.0	33.4	33.4	33.9
Minimum Temperature	22.8	23.0	23.3	24.0	23.4	22.9	23.1	23.5	23.4	23.0	23.3	23.0
Mean Temperature	27.6	27.5	28.4	28.5	28.0	27.3	27.2	28.1	28.2	28.2	28.4	28.5
Guiuan, Eastern Samar												
Maximum Temperature	27.5	28.4	29.2	30.3	30.4	31.3	31.1	32.0	31.5	31.1	29.5	28.6
Minimum Temperature	24.6	25.4	25.6	26.2	25.9	25.4	24.6	25.5	25.6	25.1	24.1	23.8
Mean Temperature	26.1	26.9	27.4	28.3	28.2	28.4	27.9	28.8	28.6	28.1	26.8	26.2
Hinatuan, Surigao del Sur												
Maximum Temperature	30.3	30.4	31.4	31.6	31.9	32.5	32.7	33.6	33.4	33.6	30.7	30.8
Minimum Temperature	23.4	23.7	23.5	24.1	24.1	23.8	24.1	24.5	24.1	23.6	23.5	23.2
Mean Temperature	26.9	27.1	27.5	27.9	28.0	28.2	28.4	29.1	28.8	28.6	27.1	27.0
Iba, Zambales												
Maximum Temperature	30.1	31.7	32.6	32.2	32.2	30.2	30.2	31.2	30.1	30.6	32.4	31.6
Minimum Temperature	22.2	23.2	23.8	24.3	24.3	23.5	23.5	24.5	24.0	23.5	23.7	22.2
Mean Temperature	26.2	27.5	28.2	28.3	28.3	26.9	26.9	27.9	27.1	27.1	28.1	26.9
Infanta, Quezon												
Maximum Temperature	26.0	29.2	31.0	31.5	31.0	33.5	33.3	33.3	32.4	31.9	30.1	29.0
Minimum Temperature	21.5	22.9	23.1	23.9	23.9	24.9	24.8	25.5	24.9	24.2	23.9	22.7
Mean Temperature	23.8	26.1	27.1	27.7	27.5	29.2	29.1	29.4	28.7	28.1	27.0	25.9
Itbayat, Batanes												
Maximum Temperature	23.5	26.4	27.2	26.6	28.7	31.1	31.6	31.0	31.0	28.8	26.9	25.2
Minimum Temperature	16.4	19.8	20.0	20.6	22.0	24.1	24.2	24.6	24.5	23.0	20.6	18.5
Mean Temperature	20.0	23.1	23.6	23.6	25.4	27.6	27.9	27.8	27.8	25.9	23.8	21.9
Laoag City, Ilocos Norte												
Maximum Temperature	29.9	32.0	33.3	33.2	32.5	31.9	31.6	32.3	32.1	30.9	31.9	30.4
Minimum Temperature	19.4	21.7	23.2	24.2	23.9	24.5	24.6	25.2	24.7	23.4	22.7	19.6
Mean Temperature	24.7	26.9	28.3	28.7	28.2	28.2	28.1	28.8	28.4	27.2	27.3	25.0
Legazpi City, Albay												
Maximum Temperature	27.9	29.6	30.7	31.1	30.8	31.4	31.2	31.6	30.5	30.7	30.5	29.2
Minimum Temperature	23.6	24.7	24.9	25.4	25.6	25.6	25.5	26.0	25.4	24.9	25.1	24.2
Mean Temperature	25.8	27.2	27.8	28.3	28.2	28.5	28.4	28.8	28.0	27.8	27.8	26.7
Lumbia Airport, Misamis Oriental												
Maximum Temperature	29.0	30.0	32.2	33.4	33.0	33.0	31.7	33.8	33.4	32.0	30.4	30.0
Minimum Temperature	22.6	22.5	21.7	22.2	22.6	22.3	22.2	22.7	22.9	22.7	22.1	21.8
Mean Temperature	25.8	26.3	27.0	27.8	27.8	27.7	27.0	28.3	28.2	27.4	26.3	25.9
Maasin, Southern Leyte												
Maximum Temperature	29.2	30.2	32.2	33.0	33.2	32.5	31.4	32.0	31.6	32.2	31.1	30.7
Minimum Temperature	23.2	23.3	23.7	24.2	24.5	24.6	24.2	24.5	24.3	24.3	23.5	23.0
Mean Temperature	26.2	26.8	28.0	28.6	28.9	28.6	27.8	28.3	28.0	28.3	27.3	26.9
Mactan International Airport, Cebu												
Maximum Temperature	29.8	30.1	31.6	32.5	32.1	31.9	31.0	32.1	31.6	31.4	31.2	30.5
Minimum Temperature	24.5	24.7	25.2	26.0	26.0	25.5	25.0	25.4	24.9	24.7	24.7	24.1
Mean Temperature	27.2	27.4	28.4	29.3	29.1	28.7	28.0	28.8	28.3	28.1	28.0	27.3
Malaybalay, Bukidnon												
Maximum Temperature	29.0	28.5	30.6	30.1	30.1	29.3	28.0	29.7	28.4	28.9	28.9	29.9
Minimum Temperature	19.0	18.4	17.8	19.2	19.4	19.2	19.5	19.3	18.0	16.8	16.2	15.6
Mean Temperature	24.0	23.5	24.2	24.7	24.8	24.3	23.8	24.5	23.2	22.9	22.6	22.8

Continued

Table 1.4.4
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2009
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	29.1	30.6	32.3	32.6	32.1	32.5	32.2	32.6	31.3	31.9	31.6	30.5
Minimum Temperature	23.9	24.3	24.6	25.1	25.4	25.7	25.6	25.8	25.3	25.3	25.1	24.2
Mean Temperature	26.5	27.5	28.5	28.9	28.8	29.1	28.9	29.2	28.3	28.6	28.4	27.4
NAIA (MIA), Pasay City												
Maximum Temperature	29.5	31.4	33.1	32.8	32.3	31.1	31.1	31.1	30.3	30.5	31.6	30.2
Minimum Temperature	22.4	23.9	25.2	25.9	25.9	25.3	25.2	25.9	25.0	24.8	24.6	23.3
Mean Temperature	26.0	27.7	29.2	29.4	29.1	28.2	28.2	28.5	27.7	27.7	28.1	26.8
Port Area (MCO), Manila												
Maximum Temperature	28.5	31.0	32.0	32.2	32.4	30.9	31.0	31.2	30.0	30.5	31.5	29.8
Minimum Temperature	23.5	25.1	26.2	26.6	26.4	26.0	26.0	26.7	25.5	25.6	25.5	24.2
Mean Temperature	26.0	28.1	29.1	29.4	29.4	28.5	28.5	29.0	27.8	28.1	28.5	27.0
Puerto Princesa City, Palawan												
Maximum Temperature	30.8	31.7	32.5	33.0	32.0	31.9	31.9	32.4	31.9	31.7	31.9	31.6
Minimum Temperature	24.5	24.5	24.8	25.4	24.8	24.3	24.6	24.9	24.6	24.0	24.5	23.9
Mean Temperature	27.7	28.1	28.7	29.2	28.4	28.1	28.3	28.7	28.3	27.9	28.2	27.8
Romblon, Romblon												
Maximum Temperature	26.9	28.6	30.6	30.7	30.2	30.3	30.2	30.8	29.6	29.9	29.8	28.6
Minimum Temperature	23.8	24.4	25.5	25.8	25.4	25.2	25.2	26.2	25.2	25.4	25.6	24.4
Mean Temperature	25.4	26.5	28.1	28.3	27.8	27.8	27.7	28.5	27.4	27.7	27.7	26.5
Roxas City, Capiz												
Maximum Temperature	28.1	29.3	30.8	31.4	31.1	31.6	31.3	32.0	31.2	31.2	30.7	29.3
Minimum Temperature	25.0	25.4	25.8	25.6	25.6	25.4	25.1	25.7	25.3	25.3	25.9	25.4
Mean Temperature	26.6	27.4	28.3	28.5	28.4	28.5	28.2	28.9	28.3	28.3	28.3	27.4
San Jose, Occidental Mindoro												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Sangley Point, Cavite												
Maximum Temperature	28.9	31.2	33.0	32.4	32.5	31.6	31.7	31.8	30.3	30.7	31.5	...
Minimum Temperature	23.7	24.7	26.0	26.4	26.5	26.0	25.9	26.9	25.6	25.9	25.6	...
Mean Temperature	26.3	28.0	29.5	29.4	29.5	28.8	28.8	29.4	28.0	28.3	28.6	...
Science Garden, Quezon City												
Maximum Temperature	29.6	31.9	33.1	33.4	33.5	31.5	31.4	31.6	30.7	31.3	31.8	31.1
Minimum Temperature	21.4	22.5	23.5	24.5	24.6	24.8	24.6	25.3	24.5	23.9	22.9	21.1
Mean Temperature	25.5	27.2	28.3	29.0	29.1	28.2	28.0	28.5	27.6	27.6	27.4	26.1
Sinait, Ilocos Sur												
Maximum Temperature	29.0	30.6	31.9	32.0	31.2	30.5	30.8	31.3	31.5	30.5	31.6	29.9
Minimum Temperature	20.2	22.7	24.0	24.0	24.0	24.3	24.4	24.7	24.0	23.3	22.9	20.5
Mean Temperature	24.6	26.7	28.0	28.0	27.6	27.4	27.6	28.0	27.8	26.9	27.3	25.2
Surigao, Surigao del Norte												
Maximum Temperature	29.0	30.1	31.3	31.9	32.1	32.4	31.6	33.2	32.5	32.4	30.0	29.5
Minimum Temperature	22.8	23.2	23.7	24.3	24.5	24.5	24.4	24.8	24.8	24.6	23.6	23.3
Mean Temperature	25.9	26.7	27.5	28.1	28.3	28.5	28.0	29.0	28.7	28.5	26.8	26.4
Tacloban City, Leyte												
Maximum Temperature	28.4	29.7	31.5	32.2	31.8	32.6	31.9	32.7	32.0	31.8	31.2	29.6
Minimum Temperature	24.1	24.6	24.7	25.4	25.6	25.4	25.3	25.8	25.7	25.2	23.8	22.1
Mean Temperature	26.3	27.2	28.1	28.8	28.7	29.0	28.6	29.3	28.9	28.5	27.5	25.9
Tagbilaran City, Bohol												
Maximum Temperature	30.6	31.1	32.4	33.0	33.3	33.3	32.3	34.2	33.5	33.4	32.3	31.9
Minimum Temperature	23.4	23.2	23.0	24.1	24.7	24.6	24.8	25.6	25.2	24.7	23.6	23.2
Mean Temperature	27.0	27.2	27.7	28.6	29.0	29.0	28.6	29.9	29.4	29.1	28.0	27.6
Tanay, Rizal												
Maximum Temperature	22.7	24.6	26.7	26.7	26.7	26.0	26.1	26.1	25.4	25.3	26.0	24.8
Minimum Temperature	17.9	19.1	20.0	20.4	20.5	20.6	20.9	21.0	20.6	20.0	19.8	18.2
Mean Temperature	20.3	21.9	23.4	23.6	23.6	23.3	23.5	23.6	23.0	22.7	22.9	21.5
Tayabas, Quezon												
Maximum Temperature	26.8	28.9	30.8	30.8	30.4	31.2	31.3	31.7	30.4	30.5	29.8	28.2
Minimum Temperature	20.3	21.3	22.4	22.9	23.1	23.0	23.3	24.0	23.3	22.6	22.8	20.9
Mean Temperature	23.6	25.1	26.6	26.9	26.8	27.1	27.3	27.9	26.9	26.6	26.3	24.6
Tuguegarao, Cagayan												
Maximum Temperature	26.7	30.9	33.0	31.7	31.9	33.5	33.2	33.9	32.4	30.8	30.2	28.3
Minimum Temperature	16.7	19.2	20.7	20.8	21.2	22.2	22.0	23.4	22.9	21.6	20.6	17.3
Mean Temperature	21.7	25.1	26.9	26.3	26.6	27.9	27.6	28.7	27.7	26.2	25.4	22.8
Virac Synop, Catanduanes												
Maximum Temperature	27.6	29.8	30.9	31.1	31.1	31.7	31.8	32.2	31.5	31.3	30.6	29.2
Minimum Temperature	22.6	23.6	23.1	23.8	24.1	24.6	24.5	25.0	24.7	24.3	24.0	22.8
Mean Temperature	25.1	26.7	27.0	27.5	27.6	28.2	28.2	28.6	28.1	27.8	27.3	26.0
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	31.9	32.1	32.2	32.5	32.4	32.2	31.1	33.1	32.4	32.5	32.8	32.8
Minimum Temperature	24.4	24.5	24.3	24.9	24.7	24.7	24.3	24.1	23.9	23.1	22.8	22.0
Mean Temperature	28.2	28.3	28.3	28.7	28.6	28.5	27.7	28.6	28.2	27.8	27.8	27.4

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.5
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2010
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	28.1	30.2	30.4	32.1	34.1	33.8	...	31.7	31.6	30.6	29.5	28.4
Minimum Temperature	22.4	21.6	22.9	23.7	24.3	24.1	...	23.5	23.4	23.4	23.0	22.8
Mean Temperature	25.3	25.9	26.7	27.9	29.2	29.0	...	27.6	27.5	27.0	26.3	25.6
Ambulong, Batangas												
Maximum Temperature	30.6	33.2	33.5	35.2	36.1	33.6	32.5	31.9	32.6	31.9	31.4	30.5
Minimum Temperature	22.4	21.7	23.0	24.0	24.6	24.7	24.2	24.5	24.4	24.3	24.1	23.7
Mean Temperature	26.5	27.5	28.3	29.6	30.4	29.2	28.4	28.2	28.5	28.1	27.8	27.1
Aparri, Cagayan												
Maximum Temperature	27.8	30.1	30.7	33.1	34.0	33.8	34.4	33.4	32.2	31.7	29.4	28.4
Minimum Temperature	21.0	21.8	23.0	24.0	25.3	25.2	24.9	24.7	24.3	24.3	23.1	22.0
Mean Temperature	24.4	26.0	26.9	28.6	29.7	29.5	29.7	29.1	28.3	28.0	26.3	25.2
Baguio City, Benguet												
Maximum Temperature	23.3	24.9	25.5	26.9	26.1	25.1	24.2	23.3	23.7	23.3	23.7	23.7
Minimum Temperature	12.9	13.8	14.4	15.9	16.6	16.7	16.0	16.1	15.7	15.7	15.4	13.9
Mean Temperature	18.1	19.4	20.0	21.4	21.4	20.9	20.1	19.7	19.7	19.5	19.6	18.8
Baler, Aurora (Radar)												
Maximum Temperature	27.2	29.5	...	...	...	32.0	30.3	31.0	30.9	30.0	28.4	28.4
Minimum Temperature	21.1	22.2	...	...	...	24.7	23.9	24.2	24.3	24.1	23.3	22.7
Mean Temperature	24.2	25.9	...	...	...	28.4	27.1	27.6	27.6	27.1	25.9	25.6
Basco, Batanes (Radar)												
Maximum Temperature	25.0	26.5	26.4	27.9	29.8	30.7	31.3	30.2	29.6	28.7	26.0	24.4
Minimum Temperature	18.2	20.4	20.2	21.9	23.7	24.2	24.7	24.2	23.5	23.0	20.9	19.1
Mean Temperature	21.6	23.4	23.3	24.9	26.8	27.5	28.0	27.2	26.6	25.8	23.4	21.8
Borongan, Easter Samar												
Maximum Temperature	29.6	30.5	30.8	30.9	32.1	32.7	31.3	32.1	31.5	31.4	30.9	30.3
Minimum Temperature	23.2	23.2	23.4	24.5	24.6	24.9	24.2	24.4	24.1	24.1	23.8	23.6
Mean Temperature	26.4	26.9	27.1	27.7	28.4	28.8	27.8	28.3	27.8	27.8	27.4	27.0
Butuan City, Agusan del Norte												
Maximum Temperature	30.0	31.6	32.0	33.0	33.8	34.4	33.3	32.9	33.4	32.9	32.7	31.6
Minimum Temperature	23.4	23.1	23.5	24.3	25.3	25.2	24.5	24.4	24.1	24.0	23.8	23.8
Mean Temperature	26.7	27.4	27.8	28.7	29.6	29.8	28.9	28.7	28.8	28.5	28.3	27.7
Cabanatuan, Nueva Ecija												
Maximum Temperature	32.4	34.0	34.9	36.8	37.3	34.8	33.6	32.7	33.4	32.6	32.7	32.7
Minimum Temperature	21.1	21.1	22.6	23.5	25.8	25.4	24.6	24.7	24.3	24.0	23.8	22.3
Mean Temperature	26.8	27.6	28.8	30.2	31.6	30.1	29.1	28.7	28.9	28.3	28.3	27.5
Calapan, Oriental Mindoro												
Maximum Temperature	28.1	30.6	31.1	32.6	33.5	33.6	31.6	31.4	31.2	30.4	30.2	29.4
Minimum Temperature	22.2	22.7	23.4	23.8	24.1	23.9	22.9	23.3	23.3	23.4	23.1	22.8
Mean Temperature	25.2	26.7	27.3	28.2	28.8	28.8	27.3	27.4	27.3	26.9	26.7	26.1
Calayan, Cagayan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Casiguran, Aurora												
Maximum Temperature	27.8	30.9	...	32.3	34.0	34.0	32.5	32.9	32.8	...	29.8	...
Minimum Temperature	20.3	20.4	...	22.2	23.5	23.9	22.8	23.1	22.1	...	20.9	...
Mean Temperature	24.1	25.7	...	27.3	28.8	29.0	27.7	28.0	27.5	...	25.4	...
Catarman, Northern Samar												
Maximum Temperature	29.2	31.3	31.4	32.1	33.7	34.5	31.9	32.6	32.1	31.8	30.8	29.6
Minimum Temperature	22.4	21.7	22.8	23.0	23.5	24.4	23.2	23.3	23.3	23.4	22.8	23.2
Mean Temperature	25.8	26.5	27.1	27.6	28.6	29.5	27.6	28.0	27.7	27.6	26.8	26.4
Catbalogan, Western Samar												
Maximum Temperature	30.0	32.7	32.9	34.0	35.1	34.6	32.9	32.9	33.0	32.3	32.0	31.2
Minimum Temperature	23.4	23.3	24.1	25.3	26.3	26.5	25.1	25.5	25.1	24.9	24.7	24.4
Mean Temperature	26.7	28.0	28.5	29.7	30.7	30.6	29.0	29.2	29.1	28.6	28.4	27.8
Clark International Airport, Pampanga												
Maximum Temperature	30.2	32.3	33.3	34.9	35.0	32.4	31.7	31.0	31.6	30.9	30.6	30.9
Minimum Temperature	20.3	20.0	21.8	23.1	24.5	24.1	23.1	23.5	23.2	23.2	22.9	21.5
Mean Temperature	25.3	26.2	27.6	29.0	29.8	28.3	27.4	27.3	27.4	27.1	26.8	26.2
Coron, Palawan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	23.0	23.5	24.6	25.4	25.6	24.8	24.4	24.1	24.3	24.5	24.1	24.0
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Cotabato City, Maguindanao												
Maximum Temperature	33.0	34.5	34.5	33.9	34.1	34.1	33.4	33.1	34.0	33.2	33.0	33.2
Minimum Temperature	22.6	23.0	23.3	23.0	22.6	22.4	22.2	22.3	23.1	22.6	22.7	22.7
Mean Temperature	27.8	28.8	28.9	28.5	28.4	28.3	27.8	27.7	28.6	27.9	27.9	28.0
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	31.7	33.3	34.8	35.8	35.5	32.9	32.7	31.6	33.2	32.4	32.2	31.9
Minimum Temperature	22.7	22.4	24.0	25.1	25.8	25.1	24.5	24.4	24.2	24.2	24.3	23.3
Mean Temperature	27.2	27.9	29.4	30.5	30.7	29.0	28.6	28.0	28.7	28.3	28.3	27.6

Continued

Table 1.4.5
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2010
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	31.2	32.7	33.7	34.3	34.7	32.4	31.7	31.6	32.0	31.7	32.2	31.8
Minimum Temperature	25.3	25.7	26.1	26.5	26.8	25.9	25.4	25.4	25.9	25.4	25.9	25.4
Mean Temperature	28.3	29.2	29.9	30.4	30.8	29.2	28.6	28.5	29.0	28.6	29.1	28.6
Daet, Camarines Norte												
Maximum Temperature	28.3	29.8	30.5	31.8	34.2	33.7	31.7	31.5	32.0	30.6	29.9	29.3
Minimum Temperature	24.0	23.3	25.1	26.1	26.3	25.9	24.8	25.3	25.0	25.1	24.8	24.4
Mean Temperature	26.2	26.6	27.8	29.0	30.3	29.8	28.3	28.4	28.5	27.9	27.4	26.9
Dagupan City, Pangasinan												
Maximum Temperature	31.3	32.0	33.9	34.6	35.2	33.5	33.0	31.8	32.4	32.0	31.4	30.9
Minimum Temperature	20.5	20.8	22.3	23.7	25.6	25.0	24.4	24.3	24.1	23.7	23.7	22.4
Mean Temperature	25.9	26.4	28.1	29.2	30.4	29.3	28.7	28.1	28.3	27.9	27.6	26.7
Davao City, Davao Del Sur												
Maximum Temperature	30.5	32.5	33.4	32.5	32.8	32.6	31.7	31.9	32.3	32.4	32.1	32.0
Minimum Temperature	23.9	23.5	24.3	24.7	25.5	25.1	24.4	24.4	24.3	24.4	24.3	24.3
Mean Temperature	27.2	28.0	28.9	28.6	29.2	28.9	28.1	28.2	28.3	28.4	28.2	28.2
Dipolog, Zamboanga del Norte												
Maximum Temperature	30.3	31.8	32.8	32.9	32.9	32.3	31.7	31.6	31.8	31.9	31.5	31.1
Minimum Temperature	...	...	...	...	...	...	...	...	24.4	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	28.1	...	...	...
Dumaguete City, Negros Oriental												
Maximum Temperature	29.0	30.0	31.1	31.4	32.3	32.9	31.7	31.9	31.8	31.7	31.0	30.8
Minimum Temperature	24.4	24.0	24.3	25.0	26.0	25.2	24.8	24.4	24.3	24.2	24.3	24.6
Mean Temperature	26.7	27.0	27.7	28.2	29.2	29.1	28.3	28.2	28.1	28.0	27.7	27.7
General Santos City, South Cotabato												
Maximum Temperature	31.4	33.8	35.4	34.0	33.4	32.7	32.1	32.1	34.4	32.9	33.0	32.0
Minimum Temperature	22.8	22.9	23.4	23.8	23.8	23.4	22.9	23.0	23.5	22.8	22.8	22.6
Mean Temperature	27.1	28.4	29.4	28.9	28.6	28.1	27.5	27.6	29.0	27.9	27.9	27.3
Guiuan, Eastern Samar												
Maximum Temperature	27.8	29.6	30.4	30.7	32.8	33.7	31.0	31.4	31.3	30.7	29.8	29.5
Minimum Temperature	23.3	24.2	24.3	24.6	25.5	25.7	24.8	24.3	24.5	24.4	24.2	23.9
Mean Temperature	25.6	26.9	27.4	27.7	29.2	29.7	27.9	27.9	27.9	27.6	27.0	26.7
Hinatuan, Surigao del Sur												
Maximum Temperature	29.2	29.8	30.2	31.0	31.1	32.9	31.9	32.7	32.4	32.1	31.0	30.7
Minimum Temperature	23.5	23.2	23.5	24.0	24.6	24.9	24.1	24.2	24.1	23.7	23.5	23.0
Mean Temperature	26.4	26.5	26.9	27.5	27.9	28.9	28.0	28.5	28.3	27.9	27.3	26.9
Iba, Zambales												
Maximum Temperature	31.4	31.6	32.8	33.9	34.2	32.3	32.2	30.8	31.8	31.5	31.6	31.7
Minimum Temperature	22.4	21.9	24.0	25.5	26.2	25.5	25.2	24.3	24.6	24.6	24.5	23.6
Mean Temperature	26.9	26.8	28.4	29.7	30.2	28.9	28.7	27.6	28.2	28.1	28.1	27.7
Infanta, Quezon												
Maximum Temperature	28.2	30.5	30.7	...	34.6	34.5	32.5	33.3	32.9	31.3	29.6	28.5
Minimum Temperature	22.5	21.9	23.5	...	25.2	25.4	23.9	24.7	24.4	24.0	23.5	23.1
Mean Temperature	25.4	26.2	27.1	...	29.9	30.0	28.2	29.0	28.7	27.7	26.6	25.8
Itbayat, Batanes												
Maximum Temperature	25.2	27.1	27.1	28.4	30.6	31.4	32.4	31.2	30.3	29.6	26.4	25.1
Minimum Temperature	18.4	20.0	20.1	21.3	23.1	23.9	24.9	24.6	23.9	23.4	21.0	18.8
Mean Temperature	21.8	23.6	23.6	24.9	26.9	27.7	28.7	27.9	27.1	26.5	23.7	22.0
Laoag City, Ilocos Norte												
Maximum Temperature	31.0	31.5	32.8	34.3	34.7	33.3	33.9	32.5	32.1	32.5	31.9	31.4
Minimum Temperature	19.0	20.5	22.1	24.3	25.1	25.0	24.8	24.6	24.0	24.3	23.2	21.2
Mean Temperature	25.0	26.0	27.5	29.3	29.9	29.2	29.4	28.6	28.1	28.4	27.6	26.3
Legazpi City, Albay												
Maximum Temperature	28.7	30.2	30.9	31.7	33.6	33.9	32.5	31.8	32.2	31.2	30.7	29.6
Minimum Temperature	23.8	23.6	25.2	25.8	26.7	26.5	25.6	25.3	24.3	23.9	23.6	23.1
Mean Temperature	26.3	26.9	28.1	28.8	30.2	30.2	29.1	28.6	28.3	27.6	27.2	26.4
Lumbia Airport, Misamis Oriental												
Maximum Temperature	29.5	31.4	33.2	33.7	34.1	33.1	32.0	32.2	32.2	32.0	31.9	31.4
Minimum Temperature	22.1	21.3	22.4	23.2	24.0	23.4	23.0	22.9	22.5	22.8	22.6	22.6
Mean Temperature	25.8	26.4	27.8	28.5	29.1	28.3	27.5	27.6	27.4	27.4	27.3	27.0
Maasin, Southern Leyte												
Maximum Temperature	30.1	31.8	32.5	33.4	34.5	34.2	32.6	31.4	32.0	31.5	32.1	31.1
Minimum Temperature	22.7	23.1	23.1	24.0	24.7	24.8	23.9	23.4	23.2	23.0	23.0	22.4
Mean Temperature	26.4	27.5	27.8	28.7	29.6	29.5	28.3	27.4	27.6	27.3	27.6	26.8
Mactan International Airport, Cebu												
Maximum Temperature	29.7	30.6	32.0	32.6	34.9	34.1	33.0	32.2	32.7	32.1	31.7	31.1
Minimum Temperature	23.5	23.8	24.5	25.6	26.6	25.7	25.1	24.8	25.2	25.1	25.1	25.2
Mean Temperature	26.6	27.2	28.3	29.1	30.8	29.9	29.1	28.5	29.0	28.6	28.4	28.2
Malaybalay, Bukidnon												
Maximum Temperature	28.7	30.5	31.6	31.7	31.7	31.0	30.3	29.8	31.5	30.2	31.5	30.8
Minimum Temperature	15.8	14.6	15.6	16.3	16.8	17.0	17.0	16.7	16.4	16.5	16.6	16.7
Mean Temperature	22.3	22.6	23.6	24.0	24.3	24.0	23.7	23.3	24.0	23.4	24.1	23.8

Continued

Table 1.4.5
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2010
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	29.5	31.9	32.8	33.7	34.3	34.1	32.8	32.1	33.0	32.1	32.3	31.1
Minimum Temperature	23.8	23.8	24.9	25.4	26.4	26.4	25.6	25.2	25.6	25.5	25.1	24.7
Mean Temperature	26.7	27.9	28.9	29.6	30.4	30.3	29.2	28.7	29.3	28.8	28.7	27.9
NAIA (MIA), Pasay City												
Maximum Temperature	30.7	32.6	33.5	34.6	35.8	33.8	32.5	31.7	32.4	31.7	31.5	30.4
Minimum Temperature	23.6	23.4	25.1	26.0	27.5	26.3	25.8	25.6	25.7	25.2	25.1	24.2
Mean Temperature	27.2	28.0	29.3	30.3	31.7	30.1	29.2	28.7	29.1	28.5	28.3	27.3
Port Area (MCO), Manila												
Maximum Temperature	30.1	32.0	32.7	34.2	35.0	33.2	32.6	31.7	31.9	31.5	31.1	30.2
Minimum Temperature	24.5	25.1	26.3	27.2	28.8	27.2	26.5	26.1	26.3	25.9	25.9	25.3
Mean Temperature	27.3	28.6	29.5	30.7	31.9	30.2	29.6	28.9	29.1	28.7	28.5	27.8
Puerto Princesa City, Palawan												
Maximum Temperature	31.2	32.4	32.8	33.3	33.8	32.9	31.9	32.2	32.6	31.8	31.2	30.1
Minimum Temperature	24.0	22.9	24.7	25.6	26.2	25.3	24.6	24.5	24.9	24.5	24.4	24.2
Mean Temperature	27.6	27.7	28.8	29.5	30.0	29.1	28.3	28.4	28.8	28.2	27.8	27.2
Romblon, Romblon												
Maximum Temperature	28.2	30.4	31.5	32.4	33.7	33.4	31.3	30.4	31.0	29.8	30.0	29.0
Minimum Temperature	24.2	24.9	25.6	26.7	27.4	26.4	25.1	25.2	25.1	25.1	25.3	25.3
Mean Temperature	26.2	27.7	28.6	29.6	30.6	29.9	28.2	27.8	28.1	27.5	27.7	27.2
Roxas City, Capiz												
Maximum Temperature	28.5	30.0	31.0	32.0	33.0	32.9	31.5	31.2	31.9	30.8	31.0	30.2
Minimum Temperature	25.0	25.4	25.8	26.5	26.9	26.1	25.3	25.2	25.1	25.2	25.6	25.9
Mean Temperature	26.8	27.7	28.4	29.3	30.0	29.5	28.4	28.2	28.5	28.0	28.3	28.1
San Jose, Occidental Mindoro												
Maximum Temperature	...	...	...	...	...	...	...	31.3	31.8	31.4	32.2	32.7
Minimum Temperature	...	...	...	...	...	...	...	24.3	24.0	24.0	24.3	24.7
Mean Temperature	...	...	...	...	...	...	...	27.8	27.9	27.7	28.3	28.7
Sangley Point, Cavite												
Maximum Temperature	...	...	...	...	...	33.9	32.9	32.2	32.5	31.6	31.3	30.2
Minimum Temperature	...	...	...	...	...	27.2	26.9	26.5	26.6	26.5	26.2	25.6
Mean Temperature	...	...	...	...	...	30.6	29.9	29.4	29.6	29.1	28.8	27.9
Science Garden, Quezon City												
Maximum Temperature	31.2	33.2	34.0	35.5	36.1	33.6	32.9	32.3	32.8	31.6	30.9	30.2
Minimum Temperature	21.9	21.5	23.3	24.3	26.3	25.6	24.6	24.6	24.3	24.3	23.8	22.6
Mean Temperature	26.6	27.4	28.7	29.9	31.2	29.6	28.8	28.5	28.6	28.0	27.4	26.4
Sinait, Ilocos Sur												
Maximum Temperature	30.5	31.0	31.6	33.0	34.1	32.9	32.9	31.7	31.2	...	31.2	31.0
Minimum Temperature	20.7	21.8	22.9	24.2	24.6	24.1	23.6	23.6	23.0	...	22.3	21.2
Mean Temperature	25.6	26.4	27.3	28.6	29.4	28.5	28.3	27.7	27.1	...	26.8	26.1
Surigao, Surigao del Norte												
Maximum Temperature	28.8	30.3	31.0	32.0	32.5	33.6	32.1	32.5	32.9	32.3	31.9	31.2
Minimum Temperature	22.8	23.3	23.7	24.3	24.8	24.6	24.0	24.1	24.0	23.7	23.7	23.2
Mean Temperature	25.8	26.8	27.4	28.2	28.7	29.1	28.1	28.3	28.5	28.0	27.8	27.2
Tacloban City, Leyte												
Maximum Temperature	28.6	31.4	31.8	31.2	31.7	31.9	30.8	31.3	31.1	30.9	30.4	30.0
Minimum Temperature	23.7	23.8	24.6	25.3	26.1	26.3	25.5	25.4	25.4	25.1	25.0	24.9
Mean Temperature	26.2	27.6	28.2	28.3	28.9	29.1	28.2	28.4	28.3	28.0	27.7	27.5
Tagbilaran City, Bohol												
Maximum Temperature	31.2	32.7	33.7	33.5	34.4	33.9	33.1	32.8	33.0	32.8	32.4	...
Minimum Temperature	22.9	22.8	23.8	24.3	25.1	24.9	24.5	24.4	23.8	24.4	24.1	...
Mean Temperature	27.1	27.8	28.8	28.9	29.8	29.4	28.8	28.6	28.4	28.6	28.3	...
Tanay, Rizal												
Maximum Temperature	24.0	26.8	27.3	29.4	31.1	28.4	27.7	26.6	27.5	26.1	25.9	24.7
Minimum Temperature	18.3	18.9	19.6	20.4	21.2	21.7	20.8	20.6	20.9	20.4	20.5	19.5
Mean Temperature	21.2	22.9	23.5	24.9	26.2	25.1	24.3	23.6	24.2	23.3	23.2	22.1
Tayabas, Quezon												
Maximum Temperature	27.5	30.1	30.0	32.1	34.2	33.1	31.7	31.4	31.4	30.6	29.4	28.0
Minimum Temperature	20.4	20.8	21.5	22.9	24.3	24.1	23.3	23.2	22.9	22.8	22.6	22.2
Mean Temperature	24.0	25.5	25.8	27.5	29.3	28.6	27.5	27.3	27.2	26.7	26.0	25.1
Tuguegarao, Cagayan												
Maximum Temperature	28.7	33.1	34.0	36.8	37.1	35.6	34.2	33.9	33.1	32.8	29.4	28.2
Minimum Temperature	17.5	18.9	19.5	22.9	23.8	23.0	22.5	22.3	21.9	22.0	21.0	19.5
Mean Temperature	23.1	26.0	26.8	29.9	30.5	29.3	28.4	28.1	27.5	27.4	25.2	23.9
Virac Synop, Catanduanes												
Maximum Temperature	28.8	30.2	30.8	31.5	32.3	33.2	31.3	31.4	31.4	31.2	30.5	29.9
Minimum Temperature	22.9	21.6	23.2	23.6	24.9	25.7	24.5	24.4	24.1	24.1	23.7	23.7
Mean Temperature	25.9	25.9	27.0	27.6	28.6	29.5	27.9	27.9	27.8	27.7	27.1	26.8
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	31.7	33.6	33.9	33.4	33.8	33.3	32.7	32.6	33.5	32.5	32.9	32.7
Minimum Temperature	22.4	21.4	22.0	22.3	22.9	22.5	21.5	21.7	21.0	20.9	20.7	20.5
Mean Temperature	27.1	27.5	28.0	27.9	28.4	27.9	27.1	27.2	27.3	26.7	26.8	26.6

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.6
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2011
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	30.0	31.0	31.0	34.0	34.8	...	...	...	...	...	...	...
Minimum Temperature	20.5	19.6	20.7	20.8	21.0	...	...	...	...	...	...	...
Mean Temperature	25.3	25.3	25.9	27.4	27.9	...	...	...	...	...	...	...
Ambulong, Batangas												
Maximum Temperature	29.8	31.2	30.2	...	...	31.0	30.8	30.6	31.3	31.5	31.1	30.1
Minimum Temperature	22.7	22.0	22.9	22.5	24.4	24.5	24.3	24.7	24.5	24.0	24.2	23.8
Mean Temperature	26.3	26.6	26.6	...	...	27.8	27.6	27.7	27.9	27.8	27.7	27.0
Aparri, Cagayan												
Maximum Temperature	26.8	28.1	29.1	30.9	32.8	33.6	33.3	32.9	31.7	30.7	29.8	27.2
Minimum Temperature	20.4	21.6	22.3	23.3	26.2	26.4	26.3	26.3	25.7	25.5	25.0	22.0
Mean Temperature	23.6	24.9	25.7	27.1	29.5	30.0	29.8	29.6	28.7	28.1	27.4	24.6
Baguio City, Benguet												
Maximum Temperature	22.8	23.6	24.4	25.7	25.0	23.6	22.2	22.5	22.2	22.8	24.0	23.8
Minimum Temperature	12.3	12.6	13.4	14.1	15.4	15.4	15.1	15.2	15.1	14.7	14.8	14.3
Mean Temperature	17.6	18.1	18.9	19.9	20.2	19.5	18.7	18.9	18.7	18.8	19.4	19.1
Baler, Aurora (Radar)												
Maximum Temperature	26.4	28.6	27.7	29.2	31.0	30.0	31.0	30.7	31.1	30.7	29.3	28.3
Minimum Temperature	21.3	21.6	21.9	22.1	24.2	24.3	24.5	23.6	24.1	23.8	23.1	22.1
Mean Temperature	23.9	25.1	24.8	25.7	27.6	27.2	27.8	27.2	27.6	27.3	26.2	25.2
Basco, Batanes (Radar)												
Maximum Temperature	22.0	23.9	23.2	25.4	28.7	29.7	29.5	29.9	29.1	28.1	27.2	23.0
Minimum Temperature	16.8	18.2	17.8	19.9	23.3	24.6	23.8	24.1	22.7	22.3	21.1	17.6
Mean Temperature	19.4	21.0	20.5	22.6	26.0	27.2	26.6	27.0	25.9	25.2	24.1	20.3
Borongan, Easter Samar												
Maximum Temperature	29.4	29.7	29.7	30.5	30.9	31.2	31.8	32.6	32.5	31.5	30.5	30.0
Minimum Temperature	23.6	23.3	23.9	23.6	24.3	24.5	24.0	24.1	24.2	23.9	24.9	24.4
Mean Temperature	26.5	26.5	26.8	27.1	27.6	27.9	27.9	28.4	28.4	27.7	27.7	27.2
Butuan City, Agusan del Norte												
Maximum Temperature	29.5	30.4	31.1	31.6	32.4	32.5	32.3	32.0	32.8	32.5	32.1	30.9
Minimum Temperature	23.4	23.2	23.7	24.1	24.5	24.6	24.6	24.6	24.4	24.2	24.3	24.4
Mean Temperature	26.5	26.8	27.4	27.9	28.5	28.6	28.5	28.3	28.6	28.4	28.2	27.7
Cabanatuan, Nueva Ecija												
Maximum Temperature	31.7	32.6	33.7	35.4	35.0	32.3	32.1	31.3	31.5	32.3	31.7	31.6
Minimum Temperature	21.3	21.1	22.5	22.6	24.6	24.7	24.8	24.6	24.6	24.1	24.0	23.7
Mean Temperature	26.5	26.9	28.1	29.0	29.8	28.5	28.5	28.0	28.1	28.2	27.9	27.7
Calapan, Oriental Mindoro												
Maximum Temperature	28.4	28.9	29.4	31.0	32.4	31.0	31.1	31.0	31.8	31.0	30.4	29.7
Minimum Temperature	22.0	21.9	22.5	22.8	23.7	23.4	23.3	23.4	23.7	23.4	23.3	22.8
Mean Temperature	25.2	25.4	26.0	26.9	28.1	27.2	27.2	27.2	27.8	27.2	26.9	26.3
Calayan, Cagayan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Casiguran, Aurora												
Maximum Temperature	27.2	29.1	28.2	30.5	33.0	32.7	32.9	32.6	32.9	32.1	30.8	29.7
Minimum Temperature	18.5	18.3	19.2	19.1	21.5	22.0	21.1	21.3	20.5	19.2	20.1	21.4
Mean Temperature	22.9	23.7	23.7	24.8	27.3	27.4	27.0	27.0	26.7	25.7	25.5	25.6
Catarman, Northern Samar												
Maximum Temperature	28.2	29.2	28.5	30.6	31.4	31.9	32.3	32.0	33.0	31.9	30.7	30.3
Minimum Temperature	22.6	22.8	22.6	23.3	23.8	23.9	23.5	23.7	24.0	23.3	23.5	23.2
Mean Temperature	25.4	26.0	25.6	27.0	27.6	27.9	27.9	27.9	28.5	27.6	27.1	26.8
Catbalogan, Western Samar												
Maximum Temperature	29.2	30.7	30.4	31.7	31.9	32.5	32.1	32.6	32.8	32.5	31.5	30.5
Minimum Temperature	23.5	23.6	24.1	24.0	25.4	25.6	25.6	25.7	26.0	24.8	24.4	23.8
Mean Temperature	26.4	27.2	27.3	27.9	28.7	29.1	28.9	29.2	29.4	28.7	28.0	27.2
Clark International Airport, Pampanga												
Maximum Temperature	29.6	30.3	31.0	33.1	33.4	30.1	30.3	30.1	29.9	31.1	30.3	30.1
Minimum Temperature	20.5	20.2	21.6	21.8	23.6	23.7	23.3	23.2	23.1	23.0	22.6	22.2
Mean Temperature	25.1	25.3	26.3	27.5	28.5	26.9	26.8	26.7	26.5	27.1	26.5	26.2
Coron, Palawan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	23.3	23.2	24.5	24.0	24.7	24.6	23.9	24.2	24.0	23.7	24.6	24.1
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Cotabato City, Maguindanao												
Maximum Temperature	32.2	32.7	33.1	33.9	32.7	32.3	32.1	32.2	32.7	33.2	33.1	32.5
Minimum Temperature	22.5	22.5	22.7	23.3	22.9	22.6	22.5	22.7	23.1	23.0	23.2	23.1
Mean Temperature	27.4	27.6	27.9	28.6	27.8	27.5	27.3	27.5	27.9	28.1	28.2	27.8
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	30.7	32.1	33.4	33.8	33.5	31.0	30.7	30.8	30.2	32.5	32.2	31.7
Minimum Temperature	22.8	22.9	24.1	23.8	25.3	24.6	24.2	24.2	24.0	24.2	24.3	24.1
Mean Temperature	26.8	27.5	28.8	28.8	29.4	27.8	27.5	27.5	27.1	28.4	28.3	27.9

Continued

Table 1.4.6
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2011
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	30.4	30.6	31.0	31.6	31.8	31.7	30.7	30.9	31.3	31.5	31.8	30.9
Minimum Temperature	24.9	24.8	24.7	25.7	25.8	25.4	24.3	25.3	25.4	25.5	25.5	25.3
Mean Temperature	27.7	27.7	27.9	28.7	28.8	28.6	27.5	28.1	28.4	28.5	28.7	28.1
Daet, Camarines Norte												
Maximum Temperature	28.9	28.9	28.9	30.4	31.3	31.4	31.6	31.9	32.0	31.1	29.9	29.0
Minimum Temperature	23.9	24.0	24.6	24.8	25.7	25.5	25.2	25.7	25.0	24.9	25.0	24.4
Mean Temperature	26.4	26.5	26.8	27.6	28.5	28.5	28.4	28.8	28.5	28.0	27.5	26.7
Dagupan City, Pangasinan												
Maximum Temperature	30.7	30.7	31.7	32.7	33.3	32.1	31.3	30.6	30.8	31.8	31.7	31.1
Minimum Temperature	20.4	21.1	22.8	23.5	24.5	24.1	24.0	23.9	23.8	24.1	23.9	23.3
Mean Temperature	25.6	25.9	27.3	28.1	28.9	28.1	27.7	27.3	27.3	28.0	27.8	27.2
Davao City, Davao Del Sur												
Maximum Temperature	30.4	30.4	31.2	32.5	32.3	31.5	31.5	31.8	31.9	32.6	32.1	31.1
Minimum Temperature	23.6	23.5	24.0	24.4	24.8	24.5	24.4	24.3	24.2	24.0	24.4	24.3
Mean Temperature	27.0	27.0	27.6	28.5	28.6	28.0	28.0	28.1	28.1	28.3	28.3	27.7
Dipolog, Zamboanga del Norte												
Maximum Temperature	30.3	30.4	30.7	31.9	31.8	31.7	31.8	32.1	32.1	31.8	31.2	30.5
Minimum Temperature	24.3	24.0	24.4	25.3	24.3	24.4	24.3	24.2	24.4	24.5	24.3	24.1
Mean Temperature	27.3	27.2	27.6	28.6	28.1	28.1	28.1	28.2	28.3	28.2	27.8	27.3
Dumaguete City, Negros Oriental												
Maximum Temperature	29.3	29.6	30.0	30.9	31.3	31.7	31.9	32.1	32.2	31.5	31.3	30.5
Minimum Temperature	24.4	24.3	24.8	25.0	24.8	24.5	23.9	24.0	24.1	24.1	24.8	24.7
Mean Temperature	26.9	27.0	27.4	28.0	28.1	28.1	27.9	28.1	28.2	27.8	28.1	27.6
General Santos City, South Cotabato												
Maximum Temperature	31.6	31.3	32.3	32.5	32.5	31.0	31.5	31.2	31.4	33.0	32.6	31.5
Minimum Temperature	22.3	22.2	22.4	23.1	23.0	22.7	22.5	22.2	22.6	22.3	22.6	22.7
Mean Temperature	27.0	26.8	27.4	27.8	27.8	26.9	27.0	26.7	27.0	27.7	27.6	27.1
Guiuan, Eastern Samar												
Maximum Temperature	28.1	28.6	28.8	29.2	30.5	30.5	31.2	31.0	31.5	30.9	30.4	29.5
Minimum Temperature	23.1	23.3	23.2	24.0	24.6	24.2	23.6	24.1	24.3	24.3	24.0	24.1
Mean Temperature	25.6	26.0	26.0	26.6	27.6	27.4	27.4	27.6	27.9	27.6	27.2	26.8
Hinatuan, Surigao del Sur												
Maximum Temperature	29.5	29.6	29.9	30.3	32.0	31.4	32.4	33.0	33.1	31.7	30.8	30.2
Minimum Temperature	22.1	23.1	23.4	23.5	24.0	24.3	23.9	23.7	24.0	23.6	24.0	23.7
Mean Temperature	25.8	26.4	26.7	26.9	28.0	27.9	28.2	28.4	28.6	27.7	27.4	27.0
Iba, Zambales												
Maximum Temperature	31.2	31.0	31.8	32.2	32.2	30.8	30.5	30.6	30.2	31.6	31.9	31.5
Minimum Temperature	23.3	22.8	24.3	24.4	25.2	24.7	23.8	23.7	23.8	24.2	24.9	24.2
Mean Temperature	27.3	26.9	28.1	28.3	28.7	27.8	27.2	27.2	27.0	27.9	28.4	27.9
Infanta, Quezon												
Maximum Temperature	27.3	28.3	28.3	30.3	32.9	32.2	32.6	32.3	33.3	31.1	30.5	28.7
Minimum Temperature	22.3	22.2	22.8	22.9	24.5	24.3	24.5	24.9	24.8	24.1	23.7	23.4
Mean Temperature	24.8	25.3	25.6	26.6	28.7	28.3	28.6	28.6	29.1	27.6	27.1	26.1
Itbayat, Batanes												
Maximum Temperature	22.8	24.8	24.3	27.0	30.0	31.5	30.9	31.2	30.7	29.2	28.2	24.5
Minimum Temperature	16.9	18.3	18.1	20.2	24.1	25.0	24.5	24.6	24.5	23.6	22.8	18.9
Mean Temperature	19.9	21.6	21.2	23.6	27.1	28.3	27.7	27.9	27.6	26.4	25.5	21.7
Laoag City, Ilocos Norte												
Maximum Temperature	30.4	30.7	32.7	32.8	33.5	32.6	31.6	31.4	31.1	31.5	31.6	29.8
Minimum Temperature	20.1	19.2	22.9	22.4	25.3	25.0	24.8	24.8	24.5	24.2	24.0	22.4
Mean Temperature	25.3	25.0	27.8	27.6	29.4	28.8	28.2	28.1	27.8	27.9	27.8	26.1
Legazpi City, Albay												
Maximum Temperature	28.3	30.0	28.7	30.8	31.2	31.4	30.9	31.3	31.5	31.3	30.3	29.5
Minimum Temperature	22.1	22.4	23.0	22.6	23.6	23.4	22.9	22.8	23.1	22.1	21.9	21.2
Mean Temperature	25.2	26.2	25.9	26.7	27.4	27.4	26.9	27.1	27.3	26.7	26.1	25.4
Lumbia Airport, Misamis Oriental												
Maximum Temperature	29.8	29.7	30.6	31.7	32.6	32.2	32.4	32.6	32.6	32.3	32.0	31.2
Minimum Temperature	22.1	22.0	22.5	22.8	23.3	23.1	22.7	22.7	22.9	22.4	22.8	22.6
Mean Temperature	26.0	25.9	26.6	27.3	28.0	27.7	27.6	27.7	27.8	27.4	27.4	26.9
Maasin, Southern Leyte												
Maximum Temperature	27.6	29.3	30.0	30.5	31.1	31.0	30.7	31.0	31.5	31.4	31.1	30.0
Minimum Temperature	21.3	21.3	21.5	21.6	22.5	22.4	22.1	22.0	22.1	21.9	21.7	21.4
Mean Temperature	24.5	25.3	25.8	26.1	26.8	26.7	26.4	26.5	26.8	26.7	26.4	25.7
Mactan International Airport, Cebu												
Maximum Temperature	28.6	30.3	30.3	30.7	31.7	31.3	31.4	30.8	31.6	30.8	30.8	29.7
Minimum Temperature	24.1	24.3	24.7	25.1	25.5	25.4	24.8	24.7	25.1	25.0	25.1	24.7
Mean Temperature	26.4	27.3	27.5	27.9	28.6	28.4	28.1	27.8	28.4	27.9	28.0	27.2
Malaybalay, Bukidnon												
Maximum Temperature	29.0	29.9	29.9	30.7	29.2	29.3	28.7	29.2	29.9	30.9	31.0	30.1
Minimum Temperature	16.1	16.4	16.7	16.7	17.3	17.5	17.1	17.3	17.3	16.8	17.1	17.0
Mean Temperature	22.6	23.2	23.3	23.7	23.3	23.4	22.9	23.3	23.6	23.9	24.1	23.6

Continued

Table 1.4.6
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2011
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	29.0	31.0	29.6	31.8	31.8	31.7	31.8	32.3	33.0	32.5	32.1	31.0
Minimum Temperature	23.9	24.1	24.2	24.2	25.0	25.1	25.0	25.5	25.5	25.3	25.0	24.6
Mean Temperature	26.5	27.6	26.9	28.0	28.4	28.4	28.4	28.9	29.3	28.9	28.6	27.8
NAIA (MIA), Pasay City												
Maximum Temperature	30.1	31.0	31.7	32.8	33.5	...	30.6	30.8	30.6	31.6	31.9	30.5
Minimum Temperature	23.4	23.3	24.4	24.3	25.9	...	25.0	25.3	25.2	24.9	25.0	24.4
Mean Temperature	26.8	27.2	28.1	28.6	29.7	...	27.8	28.1	27.9	28.3	28.5	27.5
Port Area (MCO), Manila												
Maximum Temperature	29.9	30.3	31.2	32.3	33.2	31.8	30.6	30.9	30.7	31.5	31.3	30.2
Minimum Temperature	24.2	24.5	25.3	25.8	26.9	26.2	25.8	25.9	26.0	26.0	25.8	25.1
Mean Temperature	27.1	27.4	28.3	29.1	30.1	29.0	28.2	28.4	28.4	28.8	28.6	27.7
Puerto Princesa City, Palawan												
Maximum Temperature	30.4	30.5	30.8	31.6	32.2	32.0	31.3	31.9	32.0	31.8	31.4	31.1
Minimum Temperature	24.3	24.2	25.2	24.8	24.9	24.9	24.2	24.3	24.3	24.3	24.7	24.5
Mean Temperature	27.4	27.4	28.0	28.2	28.6	28.5	27.8	28.1	28.2	28.1	28.1	27.8
Romblon, Romblon												
Maximum Temperature	27.8	28.9	28.5	30.5	31.0	28.9	28.4	28.7	29.3	28.6	28.1	27.1
Minimum Temperature	24.1	24.3	24.6	24.8	25.7	25.0	24.3	24.8	25.0	24.6	24.7	24.2
Mean Temperature	26.0	26.6	26.6	27.7	28.4	27.0	26.4	26.8	27.2	26.6	26.4	25.7
Roxas City, Capiz												
Maximum Temperature	28.2	29.0	28.7	30.5	31.7	31.1	30.7	30.9	31.4	30.8	30.6	29.7
Minimum Temperature	25.0	25.0	25.2	25.7	26.1	25.5	25.3	25.2	25.5	25.6	25.9	25.4
Mean Temperature	26.6	27.0	27.0	28.1	28.9	28.3	28.0	28.1	28.5	28.2	28.3	27.6
San Jose, Occidental Mindoro												
Maximum Temperature	32.1	33.0	34.1	33.7	32.9	31.2	30.5	30.5	30.8	29.7	...	32.7
Minimum Temperature	24.2	23.5	25.9	23.7	24.1	24.6	23.9	24.7	24.3	24.5	...	24.1
Mean Temperature	28.2	28.3	30.0	28.7	28.5	27.9	27.2	27.6	27.6	27.1	...	28.4
Sangley Point, Cavite												
Maximum Temperature	29.9	30.9	31.2	32.6	34.2	32.0	31.2	31.1	31.1	32.4	31.7	29.9
Minimum Temperature	24.6	24.8	25.6	25.9	27.1	26.3	26.3	26.2	25.9	25.8	25.7	25.3
Mean Temperature	27.3	27.9	28.4	29.3	30.7	29.2	28.8	28.7	28.5	29.1	28.7	27.6
Science Garden, Quezon City												
Maximum Temperature	30.0	31.2	31.7	32.6	33.5	31.6	30.6	30.8	30.8	31.7	31.9	30.5
Minimum Temperature	21.6	21.8	23.1	22.8	24.8	24.8	24.7	24.3	24.5	23.7	23.6	23.0
Mean Temperature	25.8	26.5	27.4	27.7	29.2	28.2	27.7	27.6	27.7	27.7	27.8	26.8
Sinait, Ilocos Sur												
Maximum Temperature	30.8	30.3	...	32.0	32.7	32.0	30.9	30.8	30.7	31.2	31.6	30.3
Minimum Temperature	20.6	18.7	...	22.0	23.7	24.0	23.6	23.4	23.1	23.1	23.5	21.9
Mean Temperature	25.7	24.5	...	27.0	28.2	28.0	27.3	27.1	26.9	27.2	27.6	26.1
Surigao, Surigao del Norte												
Maximum Temperature	28.8	29.7	30.4	30.8	32.0	31.8	32.5	32.9	33.0	32.3	31.6	30.6
Minimum Temperature	22.2	22.5	22.8	23.1	23.6	23.6	23.9	24.3	24.1	23.9	23.6	22.7
Mean Temperature	25.5	26.1	26.6	27.0	27.8	27.7	28.2	28.6	28.6	28.1	27.6	26.7
Tacloban City, Leyte												
Maximum Temperature	27.8	29.5	29.1	30.0	30.5	30.4	31.0	31.6	31.7	31.4	30.7	29.8
Minimum Temperature	24.0	24.3	24.4	24.6	25.6	25.4	25.2	25.3	25.6	25.2	25.2	25.0
Mean Temperature	25.9	26.9	26.8	27.3	28.1	27.9	28.1	28.5	28.7	28.3	28.0	27.4
Tagbilaran City, Bohol												
Maximum Temperature	30.0	30.9	31.3	32.5	32.3	32.3	32.7	33.0	33.4	32.7	33.2	31.8
Minimum Temperature	23.3	23.4	23.7	23.7	24.5	24.6	24.6	24.7	24.8	24.1	24.2	23.6
Mean Temperature	26.7	27.2	27.5	28.1	28.4	28.5	28.7	28.9	29.1	28.4	28.7	27.7
Tanay, Rizal												
Maximum Temperature	23.9	25.1	24.6	26.5	28.3	26.5	25.7	25.5	25.8	26.1	25.5	24.1
Minimum Temperature	18.3	18.5	18.9	19.2	21.1	20.8	20.7	20.7	20.8	20.6	20.5	20.0
Mean Temperature	21.1	21.8	21.8	22.9	24.7	23.7	23.2	23.1	23.3	23.4	23.0	22.1
Tayabas, Quezon												
Maximum Temperature	27.5	28.2	27.8	29.6	31.5	30.6	30.9	31.0	31.0	30.2	29.5	28.4
Minimum Temperature	19.8	19.2	19.8	20.5	22.9	22.9	23.0	23.4	22.6	23.0	22.9	22.6
Mean Temperature	23.7	23.7	23.8	25.1	27.2	26.8	27.0	27.2	26.8	26.6	26.2	25.5
Tuguegarao, Cagayan												
Maximum Temperature	27.0	29.3	30.0	33.0	35.0	34.7	34.0	33.0	32.7	31.4	29.9	27.6
Minimum Temperature	17.6	18.0	20.7	20.7	23.9	24.4	23.7	22.8	22.3	21.4	20.6	19.1
Mean Temperature	22.3	23.7	25.4	26.9	29.5	29.6	28.9	27.9	27.5	26.4	25.3	23.4
Virac Synop, Catanduanes												
Maximum Temperature	28.4	29.6	29.4	30.2	30.9	31.1	31.5	31.7	32.6	30.9	30.1	29.8
Minimum Temperature	22.8	22.4	23.4	22.7	24.2	24.6	24.3	24.7	24.7	24.2	24.0	23.6
Mean Temperature	25.6	26.0	26.4	26.5	27.6	27.9	27.9	28.2	28.7	27.6	27.1	26.7
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	32.5	32.0	32.4	33.3	32.7	32.6	32.6	32.6	32.6	33.0	33.5	32.7
Minimum Temperature	20.0	20.3	24.0	24.5	24.9	25.1	24.8	24.7	24.6	24.4	24.3	24.6
Mean Temperature	26.3	26.2	28.2	28.9	28.8	28.9	28.7	28.7	28.6	28.7	28.9	28.7

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.7
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2012
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	30.9	31.5	32.0	34.5	34.6	33.9	33.8	33.5	33.5	32.8	32.5	32.8
Minimum Temperature	20.0	21.2	21.8	22.5	23.6	23.4	23.5	23.4	23.5	22.1	22.5	21.4
Mean Temperature	25.5	26.4	26.9	28.5	29.1	28.7	28.7	28.5	28.5	27.5	27.5	27.1
Ambulong, Batangas												
Maximum Temperature	30.6	30.3	30.7	33.2	33.0	31.7	30.4	29.9	30.6	30.8	31.1	30.7
Minimum Temperature	23.7	23.4	23.7	23.6	24.1	24.2	24.1	24.5	24.3	23.5	23.7	23.7
Mean Temperature	27.2	26.9	27.2	28.4	28.6	28.0	27.3	27.2	27.5	27.2	27.4	27.2
Aparri, Cagayan												
Maximum Temperature	28.2	29.0	30.4	33.3	33.5	32.8	31.8	31.1	31.8	30.5	30.5	28.5
Minimum Temperature	22.1	22.8	24.0	24.8	26.2	25.5	25.1	25.0	25.1	24.4	24.4	22.6
Mean Temperature	25.2	25.9	27.2	29.1	29.9	29.2	28.5	28.1	28.5	27.5	27.5	25.6
Baguio City, Benguet												
Maximum Temperature	23.8	23.7	24.7	26.2	25.6	22.5	22.8	20.7	24.2	23.6	24.9	24.5
Minimum Temperature	12.9	13.2	13.8	14.8	15.4	15.5	15.4	15.2	15.9	14.7	14.6	13.8
Mean Temperature	18.4	18.5	19.3	20.5	20.5	19.0	19.1	18.0	20.1	19.2	19.8	19.2
Baler, Aurora (Radar)												
Maximum Temperature	28.1	27.7	28.6	30.9	32.4	33.2	30.5	31.1	30.6	30.1	30.0	28.3
Minimum Temperature	21.5	21.4	22.2	23.1	24.5	25.2	23.8	23.8	23.3	22.6	22.4	22.1
Mean Temperature	24.8	24.6	25.4	27.0	28.5	29.2	27.2	27.5	27.0	26.4	26.2	25.2
Basco, Batanes (Radar)												
Maximum Temperature	23.9	24.6	25.7	28.2	29.5	30.0	29.9	29.3	28.5	27.1	26.7	24.9
Minimum Temperature	17.7	18.0	19.8	21.5	22.5	23.1	23.0	22.4	22.0	20.6	19.9	17.8
Mean Temperature	20.8	21.3	22.8	24.9	26.0	26.6	26.4	25.9	25.2	23.9	23.3	21.3
Borongan, Easter Samar												
Maximum Temperature	29.8	29.6	30.4	31.2	32.1	32.4	31.5	33.6	31.9	31.8	30.9	30.4
Minimum Temperature	23.6	24.3	24.1	24.2	24.5	24.3	24.3	24.2	24.2	24.4	24.3	24.1
Mean Temperature	26.7	27.0	27.3	27.7	28.3	28.4	27.9	28.9	28.1	28.1	27.6	27.3
Butuan City, Agusan del Norte												
Maximum Temperature	31.1	31.0	32.3	32.4	33.4	33.1	32.3	33.3	31.7	31.6	30.7	31.4
Minimum Temperature	23.7	23.7	23.9	24.4	24.8	24.8	24.4	23.8	24.2	24.0	23.3	23.7
Mean Temperature	27.4	27.4	28.1	28.4	29.1	29.0	28.4	28.6	28.0	27.8	27.0	27.6
Cabanatuan, Nueva Ecija												
Maximum Temperature	31.9	32.2	33.5	36.4	36.0	32.4	32.0	30.5	31.6	31.9	33.0	32.6
Minimum Temperature	22.6	22.4	23.1	24.6	25.5	24.7	24.5	24.1	24.5	23.5	22.8	23.2
Mean Temperature	27.3	27.3	28.3	30.5	30.8	28.6	28.3	27.3	28.1	27.7	27.9	27.9
Calapan, Oriental Mindoro												
Maximum Temperature	29.6	29.9	30.8	33.3	34.1	33.7	31.5	31.1	31.2	31.0	31.6	29.9
Minimum Temperature	22.9	22.7	23.1	23.6	24.0	24.1	23.4	23.3	23.5	23.1	23.4	22.6
Mean Temperature	26.3	26.3	27.0	28.5	29.1	28.9	27.5	27.2	27.4	27.1	27.5	26.3
Calayan, Cagayan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Casiguran, Aurora												
Maximum Temperature	29.9	29.7	30.2	32.8	34.2	34.3	32.1	32.2	32.1	30.6	30.7	28.7
Minimum Temperature	20.9	20.3	20.8	21.4	22.8	23.7	24.1	24.5	24.0	22.4	22.3	22.2
Mean Temperature	25.4	25.0	25.5	27.1	28.5	29.0	28.1	28.4	28.1	26.5	26.5	25.5
Catarman, Northern Samar												
Maximum Temperature	30.1	30.0	30.6	31.5	32.4	32.6	31.2	32.8	31.7	31.1	31.0	30.5
Minimum Temperature	23.0	23.0	23.4	22.8	24.1	24.1	24.0	24.7	24.2	23.8	23.1	23.4
Mean Temperature	26.6	26.5	27.0	27.2	28.3	28.4	27.6	28.8	28.0	27.5	27.1	27.0
Catbalogan, Western Samar												
Maximum Temperature	31.0	30.7	32.3	33.4	33.8	33.0	31.9	33.8	31.9	32.0	32.3	31.7
Minimum Temperature	23.5	23.8	24.5	24.8	25.7	25.7	25.2	25.9	25.2	24.8	24.2	24.2
Mean Temperature	27.3	27.3	28.4	29.1	29.8	29.4	28.6	29.9	28.6	28.4	28.3	28.0
Clark International Airport, Pampanga												
Maximum Temperature	30.3	31.0	31.8	34.4	33.2	30.9	30.4	29.5	30.9	30.4	31.4	31.5
Minimum Temperature	21.2	21.5	22.6	23.4	23.8	23.4	23.2	23.3	23.6	22.4	22.0	21.7
Mean Temperature	25.8	26.3	27.2	28.9	28.5	27.2	26.8	26.4	27.3	26.4	26.7	26.6
Coron, Palawan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	23.8	24.3	24.6	23.4	23.2	22.9	22.6	24.5	23.9	23.4	24.8	24.3
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Cotabato City, Maguindanao												
Maximum Temperature	32.9	33.0	33.2	33.8	32.7	31.9	31.5	32.4	31.4	32.0	32.9	32.9
Minimum Temperature	23.1	23.0	23.4	23.2	23.2	22.9	22.6	23.3	22.7	23.3	23.6	23.6
Mean Temperature	28.0	28.0	28.3	28.5	28.0	27.4	27.1	27.9	27.1	27.7	28.3	28.3
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	32.1	32.7	33.9	35.2	33.3	30.9	30.8	29.5	31.2	31.6	33.1	32.5
Minimum Temperature	23.8	23.5	24.5	25.1	25.1	24.5	24.1	23.8	24.3	23.5	24.0	24.0
Mean Temperature	28.0	28.1	29.2	30.2	29.2	27.7	27.5	26.7	27.8	27.6	28.6	28.3

Continued

Table 1.4.7
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2012
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	31.1	30.9	31.2	32.4	31.5	30.6	30.8	32.0	30.6	31.7	31.9	31.1
Minimum Temperature	25.1	25.4	25.5	26.2	25.9	25.0	25.2	25.9	25.4	25.6	25.9	25.6
Mean Temperature	28.1	28.2	28.4	29.3	28.7	27.8	28.0	29.0	28.0	28.7	28.9	28.4
Daet, Camarines Norte												
Maximum Temperature	28.8	29.2	30.0	31.6	33.2	33.0	31.6	32.5	31.2	30.3	30.7	30.0
Minimum Temperature	23.9	23.8	24.5	24.6	24.6	24.9	24.8	24.9	24.2	24.1	24.9	24.4
Mean Temperature	26.4	26.5	27.3	28.1	28.9	29.0	28.2	28.7	27.7	27.2	27.8	27.2
Dagupan City, Pangasinan												
Maximum Temperature	31.3	31.8	33.1	35.2	34.1	31.5	31.5	30.2	31.8	31.6	32.9	32.4
Minimum Temperature	21.4	21.5	23.0	24.7	25.0	24.5	24.3	23.8	24.5	23.8	23.5	23.0
Mean Temperature	26.4	26.7	28.1	30.0	29.6	28.0	27.9	27.0	28.2	27.7	28.2	27.7
Davao City, Davao Del Sur												
Maximum Temperature	30.6	31.4	32.0	32.1	32.7	32.1	31.4	31.9	32.4	32.4	31.4	31.4
Minimum Temperature	23.8	24.0	23.9	24.6	24.7	24.6	24.6	24.4	24.3	24.6	24.4	24.2
Mean Temperature	27.2	27.7	28.0	28.4	28.7	28.4	28.0	28.2	28.4	28.5	27.9	27.8
Dipolog, Zamboanga del Norte												
Maximum Temperature	30.4	30.1	31.0	31.5	31.8	31.8	31.2	32.7	31.0	31.1	31.0	30.7
Minimum Temperature	25.0	24.3	24.3	24.5	25.1	24.2	24.3	24.5	24.1	23.8	24.5	24.3
Mean Temperature	27.7	27.2	27.7	28.0	28.5	28.0	27.8	28.6	27.6	27.5	27.8	27.5
Dumaguete City, Negros Oriental												
Maximum Temperature	30.3	30.4	30.9	31.8	32.3	32.2	31.2	33.1	32.1	31.3	30.9	30.3
Minimum Temperature	24.6	24.6	24.8	25.3	24.5	24.1	24.4	24.0	24.0	24.5	25.0	25.0
Mean Temperature	27.5	27.5	27.9	28.6	28.4	28.2	27.8	28.6	28.1	27.9	28.0	27.7
General Santos City, South Cotabato												
Maximum Temperature	31.9	32.3	32.4	33.2	31.9	31.9	31.3	32.1	31.6	32.4	32.2	32.1
Minimum Temperature	22.5	22.3	22.7	23.1	22.9	22.9	22.4	22.5	22.8	22.9	22.9	22.6
Mean Temperature	27.2	27.3	27.6	28.2	27.4	27.4	26.9	27.3	27.2	27.7	27.6	27.4
Guiuan, Eastern Samar												
Maximum Temperature	29.0	28.9	29.2	30.9	32.3	32.1	31.0	32.5	31.1	30.5	29.4	29.2
Minimum Temperature	23.4	23.5	23.9	25.1	25.1	24.7	24.2	25.4	24.1	23.7	23.7	23.4
Mean Temperature	26.2	26.2	26.6	28.0	28.7	28.4	27.6	29.0	27.6	27.1	26.6	26.3
Hinatuan, Surigao del Sur												
Maximum Temperature	29.7	29.5	30.5	30.6	32.6	32.9	32.4	33.8	32.9	31.8	29.9	30.3
Minimum Temperature	23.5	23.6	24.0	23.9	24.2	24.1	23.8	24.0	24.1	24.1	23.7	23.7
Mean Temperature	26.6	26.6	27.3	27.3	28.4	28.5	28.1	28.9	28.5	28.0	26.8	27.0
Iba, Zambales												
Maximum Temperature	32.0	32.1	33.1	34.3	33.4	30.7	30.4	29.7	30.9	31.6	32.9	33.5
Minimum Temperature	23.4	23.5	24.6	25.0	25.4	24.9	24.5	24.3	24.5	24.0	24.0	24.4
Mean Temperature	27.7	27.8	28.9	29.7	29.4	27.8	27.5	27.0	27.7	27.8	28.5	29.0
Infanta, Quezon												
Maximum Temperature	28.8	28.9	29.6	32.6	34.1	35.1	32.5	33.4	32.3	31.3	30.8	30.0
Minimum Temperature	23.2	22.5	23.3	24.3	24.8	25.6	24.3	25.1	24.3	23.6	23.4	23.2
Mean Temperature	26.0	25.7	26.5	28.5	29.5	30.4	28.4	29.3	28.3	27.5	27.1	26.6
Itbayat, Batanes												
Maximum Temperature	24.7	25.5	27.1	29.7	31.5	31.9	32.0	31.0	30.3	28.1	27.1	24.8
Minimum Temperature	19.0	19.5	20.7	23.1	24.7	25.4	25.4	25.0	24.5	21.6	21.9	19.4
Mean Temperature	21.9	22.5	23.9	26.4	28.1	28.7	28.7	28.0	27.4	24.9	24.5	22.1
Laoag City, Ilocos Norte												
Maximum Temperature	30.5	31.2	32.3	32.9	33.0	31.2	31.0	29.4	31.5	31.3	32.0	31.3
Minimum Temperature	20.5	21.9	23.1	24.3	25.0	24.7	24.5	24.3	24.3	22.5	22.8	21.7
Mean Temperature	25.5	26.6	27.7	28.6	29.0	28.0	27.8	26.9	27.9	26.9	27.4	26.5
Legazpi City, Albay												
Maximum Temperature	29.5	29.3	29.8	31.6	32.9	31.5	30.9	31.5	31.2	30.5	30.5	30.2
Minimum Temperature	21.3	20.8	21.1	22.3	24.3	24.5	24.2	24.5	24.1	23.5	23.9	23.5
Mean Temperature	25.4	25.1	25.5	26.9	28.6	28.0	27.5	28.0	27.6	27.0	27.2	26.9
Lumbia Airport, Misamis Oriental												
Maximum Temperature	31.3	31.4	32.9	33.3	32.9	32.9	31.8	33.7	32.2	32.0	31.7	31.4
Minimum Temperature	22.0	22.2	22.4	22.9	22.9	22.8	22.7	22.9	22.7	22.7	22.4	22.2
Mean Temperature	26.7	26.8	27.7	28.1	27.9	27.9	27.3	28.3	27.5	27.4	27.1	26.8
Maasin, Southern Leyte												
Maximum Temperature	30.6	30.1	31.0	33.1	33.3	31.3	30.8	32.4	30.8	31.3	31.3	31.1
Minimum Temperature	21.0	21.0	21.2	22.0	22.0	21.4	21.6	21.9	21.0	20.9	20.8	20.5
Mean Temperature	25.8	25.6	26.1	27.6	27.7	26.4	26.2	27.2	25.9	26.1	26.1	25.8
Mactan International Airport, Cebu												
Maximum Temperature	29.8	29.5	30.5	31.8	32.5	32.7	31.0	32.9	31.1	31.2	31.0	30.4
Minimum Temperature	24.2	24.4	24.6	25.6	25.4	25.2	25.0	25.6	24.7	25.1	25.1	24.8
Mean Temperature	27.0	27.0	27.6	28.7	29.0	29.0	28.0	29.3	27.9	28.2	28.1	27.6
Malaybalay, Bukidnon												
Maximum Temperature	30.0	30.3	30.3	31.1	30.8	28.8	28.5	29.5	28.2	28.8	30.0	30.0
Minimum Temperature	16.5	17.3	17.1	17.5	17.9	17.8	18.0	17.7	17.8	17.7	17.3	17.0
Mean Temperature	23.3	23.8	23.7	24.3	24.4	23.3	23.3	23.6	23.0	23.3	23.7	23.5

Continued

Table 1.4.7
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2012
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	31.2	31.1	32.0	32.7	33.8	32.5	31.2	32.6	31.7	31.5	32.0	30.8
Minimum Temperature	24.3	24.1	24.5	25.1	25.5	25.3	24.8	25.3	24.7	24.4	24.5	24.1
Mean Temperature	27.8	27.6	28.3	28.9	29.7	28.9	28.0	29.0	28.2	28.0	28.3	27.5
NAIA (MIA), Pasay City												
Maximum Temperature	31.0	31.3	31.9	34.5	34.1	31.7	30.7	29.7	30.8	31.2	32.6	31.8
Minimum Temperature	24.1	23.8	24.4	25.8	26.6	25.6	25.0	24.7	25.1	24.5	24.7	24.6
Mean Temperature	27.6	27.6	28.2	30.2	30.4	28.7	27.9	27.2	28.0	27.9	28.7	28.2
Port Area (MCO), Manila												
Maximum Temperature	30.2	30.6	31.6	34.4	33.7	31.6	31.2	30.1	31.1	31.2	31.9	31.4
Minimum Temperature	25.4	25.2	25.2	26.4	26.6	26.3	25.4	25.0	25.5	25.3	25.5	25.5
Mean Temperature	27.8	27.9	28.4	30.4	30.2	29.0	28.3	27.6	28.3	28.3	28.7	28.5
Puerto Princesa City, Palawan												
Maximum Temperature	31.5	31.1	32.0	32.3	32.4	31.7	31.1	32.3	31.1	31.6	31.9	31.7
Minimum Temperature	24.6	24.5	25.1	25.2	25.0	25.0	24.7	24.8	24.3	24.7	25.1	24.8
Mean Temperature	28.1	27.8	28.6	28.8	28.7	28.4	27.9	28.6	27.7	28.2	28.5	28.3
Romblon, Romblon												
Maximum Temperature	26.9	27.3	28.0	30.0	30.6	29.2	28.7	29.1	28.9	28.5	28.4	27.6
Minimum Temperature	23.7	23.8	24.1	25.0	26.0	25.2	24.6	24.7	24.8	24.4	24.5	24.3
Mean Temperature	25.3	25.6	26.1	27.5	28.3	27.2	26.7	26.9	26.9	26.5	26.5	26.0
Roxas City, Capiz												
Maximum Temperature	29.5	29.6	30.2	31.7	31.9	31.5	30.5	31.9	31.0	30.8	30.8	30.1
Minimum Temperature	25.5	25.4	25.5	26.4	26.0	25.5	25.5	25.7	25.3	25.5	26.0	25.6
Mean Temperature	27.5	27.5	27.9	29.1	29.0	28.5	28.0	28.8	28.2	28.2	28.4	27.9
San Jose, Occidental Mindoro												
Maximum Temperature	33.0	33.1	33.6	34.5	32.9	30.6	30.2	30.1	30.1	31.7	34.0	33.4
Minimum Temperature	23.5	23.9	24.7	23.9	24.0	23.9	23.8	23.6	23.7	23.2	23.6	23.7
Mean Temperature	28.3	28.5	29.2	29.2	28.5	27.3	27.0	26.9	26.9	27.5	28.8	28.6
Sangley Point, Cavite												
Maximum Temperature	30.7	31.1	31.5	34.4	34.5	32.0	31.6	30.4	31.3	31.6	32.9	32.0
Minimum Temperature	25.2	25.3	25.5	26.9	27.4	26.1	25.8	25.2	25.8	25.5	26.1	25.7
Mean Temperature	28.0	28.2	28.5	30.7	31.0	29.1	28.7	27.8	28.6	28.6	29.5	28.9
Science Garden, Quezon City												
Maximum Temperature	31.0	31.3	31.8	34.7	33.8	31.9	31.3	30.1	31.2	31.7	32.7	31.9
Minimum Temperature	22.1	22.0	22.9	23.9	25.0	25.0	24.3	24.4	24.5	23.3	22.8	22.9
Mean Temperature	26.6	26.7	27.4	29.3	29.4	28.5	27.8	27.3	27.9	27.5	27.8	27.4
Sinait, Ilocos Sur												
Maximum Temperature	30.5	31.4	32.4	32.8	33.1	31.2	30.8	29.4	31.4	31.1	32.0	31.7
Minimum Temperature	21.2	22.0	23.3	24.2	24.6	24.0	23.9	23.4	23.6	22.3	22.9	22.2
Mean Temperature	25.9	26.7	27.9	28.5	28.9	27.6	27.4	26.4	27.5	26.7	27.5	27.0
Surigao, Surigao del Norte												
Maximum Temperature	30.8	30.2	31.6	32.0	33.6	33.4	31.9	34.2	32.0	31.5	30.6	30.9
Minimum Temperature	23.4	23.2	23.6	24.1	25.0	25.0	24.1	25.3	24.3	24.1	23.3	23.7
Mean Temperature	27.1	26.7	27.6	28.1	29.3	29.2	28.0	29.8	28.2	27.8	27.0	27.3
Tacloban City, Leyte												
Maximum Temperature	29.8	29.3	30.3	31.2	32.2	32.0	30.8	33.0	31.0	31.2	30.8	30.5
Minimum Temperature	24.2	24.3	24.5	25.2	25.6	25.4	25.3	25.6	25.2	25.0	24.8	24.8
Mean Temperature	27.0	26.8	27.4	28.2	28.9	28.7	28.1	29.3	28.1	28.1	27.8	27.7
Tagbilaran City, Bohol												
Maximum Temperature	31.9	31.8	32.5	33.0	33.6	33.7	32.4	35.0	32.8	32.8	32.8	32.4
Minimum Temperature	23.5	23.6	23.9	24.3	24.6	24.7	24.6	25.4	24.8	24.3	23.8	24.1
Mean Temperature	27.7	27.7	28.2	28.7	29.1	29.2	28.5	30.2	28.8	28.6	28.3	28.3
Tanay, Rizal												
Maximum Temperature	24.4	24.3	25.0	27.5	28.6	26.5	26.5	24.4	26.1	26.0	25.8	25.1
Minimum Temperature	19.5	19.3	18.7	19.8	20.2	20.0	19.9	19.7	20.4	19.9	19.9	19.4
Mean Temperature	22.0	21.8	21.9	23.7	24.4	23.3	23.2	22.1	23.3	23.0	22.9	22.3
Tayabas, Quezon												
Maximum Temperature	28.4	28.6	29.0	31.6	32.6	32.0	30.5	30.7	30.8	30.1	29.9	29.1
Minimum Temperature	21.8	21.9	22.2	23.1	23.1	22.6	22.6	23.0	22.8	21.8	22.9	21.9
Mean Temperature	25.1	25.3	25.6	27.4	27.9	27.3	26.6	26.9	26.8	26.0	26.4	25.5
Tuguegarao, Cagayan												
Maximum Temperature	29.1	29.6	31.5	34.9	36.0	34.3	32.9	32.8	33.6	30.3	31.9	28.8
Minimum Temperature	18.0	17.2	19.4	22.5	24.2	24.6	23.9	24.1	24.0	21.8	22.7	20.6
Mean Temperature	23.6	23.4	25.5	28.7	30.1	29.5	28.4	28.5	28.8	26.1	27.3	24.7
Virac Synop, Catanduanes												
Maximum Temperature	29.4	29.3	30.0	31.3	32.3	32.1	31.1	32.2	31.7	31.2	30.5	29.9
Minimum Temperature	23.4	23.4	23.8	23.5	24.8	25.1	24.3	25.0	24.7	24.0	23.6	23.7
Mean Temperature	26.4	26.4	26.9	27.4	28.6	28.6	27.7	28.6	28.2	27.6	27.1	26.8
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	32.0	32.6	33.6	32.6	32.9	32.8	31.8	32.7	31.2	32.4	32.6	32.6
Minimum Temperature	24.0	23.7	24.6	25.2	25.0	25.0	24.2	24.8	24.1	24.5	24.5	24.1
Mean Temperature	28.0	28.2	29.1	28.9	29.0	28.9	28.0	28.8	27.7	28.5	28.6	28.4

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.8
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2013
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	31.2	31.5	32.6	34.9	34.6	34.5	33.6	33.5	33.6	34.8	32.8	31.5
Minimum Temperature	21.0	21.8	21.0	22.4	23.8	22.7	22.7	22.8	23.0	21.9	22.3	22.4
Mean Temperature	26.1	26.7	26.8	28.7	29.2	28.6	28.2	28.2	28.3	28.4	27.6	27.0
Ambulong, Batangas												
Maximum Temperature	29.1	30.4	31.8	34.3	33.2	32.4	31.6	30.6	30.1	30.7	30.3	30.3
Minimum Temperature	22.6	23.1	23.3	23.8	24.8	24.8	24.2	24.1	24.1	23.2	24.3	23.9
Mean Temperature	25.9	26.8	27.6	29.1	29.0	28.6	27.9	27.4	27.1	27.0	27.3	27.1
Aparri, Cagayan												
Maximum Temperature	27.2	29.0	30.9	32.4	33.1	34.9	33.7	32.9	31.8	30.9	29.5	27.2
Minimum Temperature	21.5	23.0	23.8	24.7	24.7	26.0	25.5	25.1	24.9	24.2	24.0	22.6
Mean Temperature	24.4	26.0	27.4	28.6	28.9	30.5	29.6	29.0	28.4	27.6	26.8	24.9
Baguio City, Benguet												
Maximum Temperature	23.8	25.4	25.5	26.7	25.1	24.4	24.0	22.3	23.2	22.4	23.3	22.9
Minimum Temperature	12.4	13.9	15.0	16.1	16.3	16.5	15.9	15.7	15.8	14.6	15.0	14.4
Mean Temperature	18.1	19.7	20.3	21.4	20.7	20.5	20.0	19.0	19.5	18.5	19.2	18.7
Baler, Aurora (Radar)												
Maximum Temperature	27.3	28.8	29.0	31.3	31.6	31.5	30.0	30.0	30.8	30.8	28.3	27.5
Minimum Temperature	20.7	21.5	22.0	23.6	24.2	24.1	23.0	23.6	23.3	22.9	22.1	21.3
Mean Temperature	24.0	25.2	25.5	27.5	27.9	27.8	26.5	26.8	27.1	26.9	25.2	24.4
Basco, Batanes (Radar)												
Maximum Temperature	23.8	24.6	26.3	26.7	29.5	30.6	29.9	29.4	28.6	27.5	26.3	23.2
Minimum Temperature	16.7	18.2	19.1	19.5	21.5	23.1	22.2	22.0	21.0	19.9	20.2	18.1
Mean Temperature	20.2	21.4	22.7	23.1	25.5	26.8	26.1	25.7	24.8	23.7	23.2	20.7
Borongan, Easter Samar												
Maximum Temperature	29.3	30.2	30.9	31.6	31.9	31.7	31.2	31.6	32.3	31.5	30.2	30.4
Minimum Temperature	23.7	24.1	23.8	23.8	24.7	24.6	24.1	24.3	24.5	23.9	24.2	24.1
Mean Temperature	26.5	27.2	27.4	27.7	28.3	28.2	27.7	28.0	28.4	27.7	27.2	27.3
Butuan City, Agusan del Norte												
Maximum Temperature	29.1	30.8	31.7	32.8	34.5	32.8	32.5	32.5	33.4	32.7	31.2	31.8
Minimum Temperature	23.6	23.2	23.6	24.1	24.6	24.4	23.8	23.9	24.3	23.8	23.4	23.7
Mean Temperature	26.4	27.0	27.7	28.5	29.6	28.6	28.2	28.2	28.9	28.3	27.3	27.8
Cabanatuan, Nueva Ecija												
Maximum Temperature	31.2	32.4	34.1	36.5	35.6	34.5	32.7	30.8	31.4	32.1	32.0	31.9
Minimum Temperature	22.0	22.8	23.3	25.5	25.3	25.2	24.8	24.5	24.4	23.9	23.7	23.6
Mean Temperature	26.6	27.6	28.7	31.0	30.5	29.9	28.8	27.7	27.9	28.0	27.9	27.8
Calapan, Oriental Mindoro												
Maximum Temperature	29.0	29.8	31.1	34.1	34.0	33.2	31.8	31.3	30.7	31.0	31.0	30.1
Minimum Temperature	22.1	22.8	22.7	24.1	23.8	23.6	23.2	23.4	23.2	23.3	23.0	22.8
Mean Temperature	25.6	26.3	26.9	29.1	28.9	28.4	27.5	27.4	27.0	27.2	27.0	26.5
Calayan, Cagayan												
Maximum Temperature	...	...	...	...	...	33.2	32.3	32.4	32.4	30.5	29.3	27.3
Minimum Temperature	...	...	...	...	...	24.1	22.9	23.8	24.6	22.9	22.6	19.8
Mean Temperature	...	...	...	...	...	28.7	27.6	28.1	28.5	26.7	26.0	23.6
Casiguran, Aurora												
Maximum Temperature	27.6	28.8	30.1	32.5	33.7	33.2	31.3	31.3	31.9	31.2	28.9	28.1
Minimum Temperature	20.5	21.8	22.0	23.5	24.4	24.5	23.8	24.4	24.8	23.6	23.5	22.6
Mean Temperature	24.1	25.3	26.1	28.0	29.1	28.9	27.6	27.9	28.4	27.4	26.2	25.4
Catarman, Northern Samar												
Maximum Temperature	29.3	30.3	30.8	32.7	33.2	32.4	31.6	31.8	32.1	31.7	30.8	31.5
Minimum Temperature	22.8	23.3	23.2	23.6	24.3	24.1	23.8	23.9	24.2	24.0	23.7	24.6
Mean Temperature	26.1	26.8	27.0	28.1	28.7	28.2	27.7	27.9	28.1	27.9	27.2	28.0
Catbalogan, Western Samar												
Maximum Temperature	30.0	31.6	32.5	34.5	34.2	32.9	32.3	32.4	32.5	32.3	31.7	31.5
Minimum Temperature	23.6	23.9	24.1	25.3	25.5	25.0	24.8	25.2	25.2	25.0	24.6	24.6
Mean Temperature	26.8	27.8	28.3	29.9	29.9	29.0	28.6	28.8	28.9	28.7	28.2	28.1
Clark International Airport, Pampanga												
Maximum Temperature	29.9	31.3	32.5	34.9	33.3	32.5	31.2	29.5	30.0	30.5	30.5	30.5
Minimum Temperature	20.5	21.2	22.0	23.6	24.1	23.9	23.3	23.1	23.4	22.7	23.0	22.8
Mean Temperature	25.2	26.3	27.3	29.3	28.7	28.2	27.3	26.3	26.7	26.6	26.8	26.7
Coron, Palawan												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Cotabato City, Maguindanao												
Maximum Temperature	31.4	32.9	33.6	33.3	32.9	32.1	31.7	31.5	32.4	31.6	32.3	33.0
Minimum Temperature	22.9	23.5	23.7	23.9	23.5	23.1	23.0	22.9	23.2	22.7	22.9	23.4
Mean Temperature	27.2	28.2	28.7	28.6	28.2	27.6	27.4	27.2	27.8	27.2	27.6	28.2
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	31.4	32.9	34.4	35.3	34.4	33.3	32.9	30.9	30.7	31.8	32.5	32.3
Minimum Temperature	22.9	23.4	24.6	26.4	26.2	25.3	24.8	24.6	24.4	24.0	24.4	23.8
Mean Temperature	27.2	28.2	29.5	30.9	30.3	29.3	28.9	27.8	27.6	27.9	28.5	28.1

Continued

Table 1.4.8
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2013
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	30.5	30.7	31.7	32.9	31.9	31.0	31.2	30.7	31.5	31.7	31.6	31.6
Minimum Temperature	25.5	25.6	25.8	25.8	25.7	25.2	25.3	25.2	25.1	25.7	25.7	25.9
Mean Temperature	28.0	28.2	28.8	29.4	28.8	28.1	28.3	28.0	28.3	28.7	28.7	28.8
Daet, Camarines Norte												
Maximum Temperature	28.4	29.5	30.7	32.9	33.7	32.8	31.3	31.3	31.4	30.3	29.7	28.9
Minimum Temperature	23.7	24.0	23.5	23.7	24.5	23.4	23.7	24.8	24.6	24.0	24.6	24.1
Mean Temperature	26.1	26.8	27.1	28.3	29.1	28.1	27.5	28.1	28.0	27.2	27.2	26.5
Dagupan City, Pangasinan												
Maximum Temperature	31.0	32.2	33.8	35.4	34.7	34.1	32.7	30.9	32.0	31.5	32.5	31.6
Minimum Temperature	21.3	21.6	23.3	25.4	25.0	24.8	24.3	24.0	24.3	24.2	23.6	23.0
Mean Temperature	26.2	26.9	28.6	30.4	29.9	29.5	28.5	27.5	28.2	27.9	28.1	27.3
Davao City, Davao Del Sur												
Maximum Temperature	30.1	31.4	32.7	32.8	32.9	32.1	32.0	31.3	33.0	33.3	31.5	32.3
Minimum Temperature	23.9	24.1	24.6	24.8	25.2	24.6	24.2	24.2	24.7	24.3	24.1	24.3
Mean Temperature	27.0	27.8	28.7	28.8	29.1	28.4	28.1	27.8	28.9	28.8	27.8	28.3
Dipolog, Zamboanga del Norte												
Maximum Temperature	29.6	30.6	31.4	32.2	32.1	31.6	31.1	31.4	32.6	31.8	31.1	31.7
Minimum Temperature	23.8	24.1	24.3	24.5	24.5	24.2	24.0	23.9	24.1	23.7	23.9	24.0
Mean Temperature	26.7	27.4	27.9	28.4	28.3	27.9	27.6	27.7	28.4	27.8	27.5	27.9
Dumaguete City, Negros Oriental												
Maximum Temperature	29.5	30.2	31.7	32.3	33.0	32.0	31.7	31.6	32.1	31.6	31.0	31.5
Minimum Temperature	24.8	24.9	25.2	25.5	25.7	24.9	24.4	24.6	24.7	24.1	25.1	25.4
Mean Temperature	27.2	27.6	28.5	28.9	29.4	28.5	28.1	28.1	28.4	27.9	28.1	28.5
General Santos City, South Cotabato												
Maximum Temperature	30.7	32.4	34.3	34.4	33.9	31.9	31.4	30.9	32.4	31.7	31.7	32.4
Minimum Temperature	22.5	22.7	23.1	23.4	23.8	23.0	22.5	22.0	22.5	22.5	22.4	22.7
Mean Temperature	26.6	27.6	28.7	28.9	28.9	27.5	27.0	26.5	27.5	27.1	27.1	27.6
Guiuan, Eastern Samar												
Maximum Temperature	28.6	28.8	29.7	30.8	31.8	30.8	30.6	31.0	31.6	31.3	29.9	29.8
Minimum Temperature	22.5	22.6	24.5	26.1	26.5	25.0	24.4	25.1	25.2	25.0	25.8	25.0
Mean Temperature	25.6	25.7	27.1	28.5	29.2	27.9	27.5	28.1	28.4	28.2	27.9	27.4
Hinatuan, Surigao del Sur												
Maximum Temperature	29.1	29.8	30.1	31.1	32.4	32.2	32.1	32.1	33.5	33.2	30.2	30.1
Minimum Temperature	23.5	23.8	23.8	23.9	24.6	24.3	23.8	24.1	24.4	23.9	23.8	23.9
Mean Temperature	26.3	26.8	27.0	27.5	28.5	28.3	28.0	28.1	29.0	28.6	27.0	27.0
Iba, Zambales												
Maximum Temperature	32.0	31.7	32.6	34.2	34.3	32.8	32.2	30.8	30.8	31.1	32.5	31.8
Minimum Temperature	23.2	23.7	24.5	25.7	25.8	25.4	25.1	24.9	24.8	23.6	24.6	24.0
Mean Temperature	27.6	27.7	28.6	30.0	30.1	29.1	28.7	27.9	27.8	27.4	28.6	27.9
Infanta, Quezon												
Maximum Temperature	28.4	29.6	30.7	33.4	34.0	34.1	32.3	32.5	31.0	30.6	29.4	28.2
Minimum Temperature	22.1	22.8	22.8	23.9	24.3	24.5	23.7	24.1	24.3	23.7	24.0	23.3
Mean Temperature	25.3	26.2	26.8	28.7	29.2	29.3	28.0	28.3	27.7	27.2	26.7	25.8
Itbayat, Batanes												
Maximum Temperature	23.9	25.4	27.1	27.6	30.0	32.5	31.4	31.0	30.4	29.4	27.2	24.0
Minimum Temperature	18.0	20.2	21.1	21.9	24.3	25.9	25.2	25.2	24.6	22.0	21.4	18.6
Mean Temperature	21.0	22.8	24.1	24.8	27.2	29.2	28.3	28.1	27.5	25.7	24.3	21.3
Laoag City, Ilocos Norte												
Maximum Temperature	30.0	31.5	32.3	32.6	33.0	33.0	32.2	30.8	31.5	30.9	31.2	29.9
Minimum Temperature	19.8	21.5	23.0	24.3	24.7	25.2	24.7	24.4	24.3	23.3	23.2	22.1
Mean Temperature	24.9	26.5	27.7	28.5	28.9	29.1	28.5	27.6	27.9	27.1	27.2	26.0
Legazpi City, Albay												
Maximum Temperature	28.9	29.8	30.5	32.5	33.6	33.0	32.4	31.5	31.4	31.2	30.3	29.7
Minimum Temperature	23.1	23.7	23.7	24.4	25.1	24.5	24.2	24.2	24.6	23.7	24.1	24.1
Mean Temperature	26.0	26.8	27.1	28.5	29.4	28.8	28.3	27.9	28.0	27.5	27.2	26.9
Lumbia Airport, Misamis Oriental												
Maximum Temperature	29.3	31.1	32.0	33.4	33.3	32.1	31.6	31.9	33.0	...	...	...
Minimum Temperature	22.7	21.8	22.8	23.3	23.4	23.2	22.8	22.5	22.6	...	...	...
Mean Temperature	26.0	26.5	27.4	28.4	28.4	27.7	27.2	27.2	27.8	...	...	...
Maasin, Southern Leyte												
Maximum Temperature	29.4	30.5	31.8	33.4	33.7	31.1	31.2	30.6	31.1	30.5	30.8	31.0
Minimum Temperature	19.7	20.9	23.0	24.5	24.9	24.2	23.5	23.4	23.9	23.4	23.5	24.0
Mean Temperature	24.6	25.7	27.4	29.0	29.3	27.7	27.4	27.0	27.5	27.0	27.2	27.5
Mactan International Airport, Cebu												
Maximum Temperature	29.8	30.0	31.8	32.8	32.7	31.9	31.3	31.3	32.5	31.9	30.6	30.9
Minimum Temperature	24.4	24.4	25.3	26.2	26.2	25.4	25.2	25.0	25.7	24.9	25.2	25.3
Mean Temperature	27.1	27.2	28.6	29.5	29.5	28.7	28.3	28.2	29.1	28.4	27.9	28.1
Malaybalay, Bukidnon												
Maximum Temperature	28.6	29.6	31.0	31.6	31.7	29.6	29.7	29.1	30.3	29.2	29.5	31.1
Minimum Temperature	17.6	17.1	17.3	17.7	18.5	18.5	18.0	18.2	18.5	18.6	18.0	18.0
Mean Temperature	23.1	23.4	24.2	24.7	25.1	24.1	23.9	23.7	24.4	23.9	23.8	24.6

Continued

Table 1.4.8
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2013
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	29.8	30.6	31.3	33.3	33.4	31.7	31.5	31.6	32.1	31.4	31.7	31.1
Minimum Temperature	23.4	23.6	24.1	25.5	26.0	25.2	24.9	24.8	25.0	24.5	24.7	24.6
Mean Temperature	26.6	27.1	27.7	29.4	29.7	28.5	28.2	28.2	28.6	28.0	28.2	27.9
NAIA (MIA), Pasay City												
Maximum Temperature	30.1	31.9	32.7	35.4	34.6	33.5	32.2	30.5	30.3	30.5	31.5	31.2
Minimum Temperature	23.3	23.9	24.6	26.5	26.8	26.1	25.3	24.2	24.7	24.8	24.8	24.6
Mean Temperature	26.7	27.9	28.7	31.0	30.7	29.8	28.8	27.4	27.5	27.7	28.2	27.9
Port Area (MCO), Manila												
Maximum Temperature	29.2	31.3	32.2	34.4	33.8	33.2	32.2	30.6	30.7	30.8	31.2	31.1
Minimum Temperature	23.8	24.8	24.8	26.9	26.9	26.3	25.4	25.3	24.8	24.9	25.0	24.6
Mean Temperature	26.5	28.1	28.5	30.7	30.4	29.8	28.8	28.0	27.8	27.9	28.1	27.9
Puerto Princesa City, Palawan												
Maximum Temperature	30.9	31.3	32.7	33.3	33.1	31.9	31.5	31.3	32.1	31.5	31.1	31.7
Minimum Temperature	24.6	25.0	24.9	25.9	25.9	25.2	24.5	24.5	25.0	24.4	24.7	25.0
Mean Temperature	27.8	28.2	28.8	29.6	29.5	28.6	28.0	27.9	28.6	28.0	27.9	28.4
Romblon, Romblon												
Maximum Temperature	26.0	26.9	28.5	30.8	30.7	29.6	29.2	28.7	29.1	29.1	28.3	27.6
Minimum Temperature	23.0	23.2	24.0	25.5	25.8	25.1	24.6	24.7	24.5	24.4	24.3	24.0
Mean Temperature	24.5	25.1	26.3	28.2	28.3	27.4	26.9	26.7	26.8	26.8	26.3	25.8
Roxas City, Capiz												
Maximum Temperature	28.7	29.5	29.7	32.1	32.5	31.2	30.6	30.7	31.3	31.1	30.5	30.6
Minimum Temperature	25.4	25.5	25.8	26.2	26.2	25.7	25.4	25.4	25.3	25.2	25.9	25.9
Mean Temperature	27.1	27.5	27.8	29.2	29.4	28.5	28.0	28.1	28.3	28.2	28.2	28.3
San Jose, Occidental Mindoro												
Maximum Temperature	32.2	33.3	34.2	35.0	33.6	31.6	31.0	30.3	30.4	30.9	32.7	33.1
Minimum Temperature	22.8	23.7	23.7	24.2	24.6	23.9	23.9	24.0	23.7	23.1	23.9	24.1
Mean Temperature	27.5	28.5	29.0	29.6	29.1	27.8	27.5	27.2	27.1	27.0	28.3	28.6
Sangley Point, Cavite												
Maximum Temperature	30.1	32.0	33.0	35.3	35.0	34.0	32.6	31.0	30.4	31.1	31.3	31.3
Minimum Temperature	24.1	25.0	26.0	27.7	28.0	27.0	25.9	25.5	25.4	25.6	25.9	25.4
Mean Temperature	27.1	28.5	29.5	31.5	31.5	30.5	29.3	28.3	27.9	28.4	28.6	28.4
Science Garden, Quezon City												
Maximum Temperature	30.3	32.0	32.7	35.0	34.4	33.3	32.3	30.6	30.9	31.0	31.4	30.9
Minimum Temperature	21.6	22.2	22.8	24.5	25.1	25.0	24.5	24.4	24.4	23.3	23.3	22.9
Mean Temperature	26.0	27.1	27.8	29.8	29.8	29.2	28.4	27.5	27.7	27.2	27.4	26.9
Sinait, Ilocos Sur												
Maximum Temperature	30.3	31.3	31.9	32.7	33.0	32.7	31.7	30.4	31.0	30.8	31.1	29.9
Minimum Temperature	20.6	22.2	23.2	24.4	24.6	24.7	24.1	23.7	23.7	22.3	22.7	21.7
Mean Temperature	25.5	26.8	27.6	28.6	28.8	28.7	27.9	27.1	27.4	26.6	26.9	25.8
Surigao, Surigao del Norte												
Maximum Temperature	29.3	30.8	31.5	32.6	33.5	32.0	31.8	31.7	32.9	31.8	30.8	30.7
Minimum Temperature	22.7	23.1	23.6	24.0	24.5	23.9	23.4	23.2	24.0	23.4	23.1	23.5
Mean Temperature	26.0	27.0	27.6	28.3	29.0	28.0	27.6	27.5	28.5	27.6	27.0	27.1
Tacloban City, Leyte												
Maximum Temperature	29.1	30.2	31.1	31.8	32.5	31.7	31.7	31.9	...	...	...	...
Minimum Temperature	24.2	24.4	24.3	25.2	26.2	24.9	24.6	25.0	...	...	...	...
Mean Temperature	26.6	27.3	27.7	28.5	29.3	28.3	28.1	28.4	...	...	...	...
Tagbilaran City, Bohol												
Maximum Temperature	31.0	31.9	33.2	34.1	32.9	31.7	31.0	30.7	31.6	31.6	30.9	31.3
Minimum Temperature	23.7	23.5	23.9	24.8	25.0	24.9	24.5	24.3	24.9	24.5	23.9	23.8
Mean Temperature	27.4	27.7	28.6	29.5	29.0	28.3	27.8	27.5	28.3	28.1	27.4	27.6
Tanay, Rizal												
Maximum Temperature	23.7	24.7	26.2	29.2	29.8	28.1	26.7	25.7	25.6	25.8	24.9	24.9
Minimum Temperature	18.1	18.5	19.5	20.9	21.3	21.1	20.4	20.2	20.1	19.4	19.4	19.3
Mean Temperature	20.9	21.6	22.9	25.1	25.6	24.6	23.6	23.0	22.9	22.6	22.2	22.1
Tayabas, Quezon												
Maximum Temperature	27.5	28.4	30.2	33.2	33.3	31.8	30.8	30.6	30.7	30.1	29.2	28.9
Minimum Temperature	20.2	21.1	21.6	23.3	23.6	23.3	22.8	22.5	22.5	21.3	21.7	21.3
Mean Temperature	23.9	24.8	25.9	28.3	28.5	27.6	26.8	26.6	26.6	25.7	25.5	25.1
Tuguegarao, Cagayan												
Maximum Temperature	27.8	31.0	32.9	35.0	35.0	35.9	33.4	33.4	32.2	30.9	28.7	27.3
Minimum Temperature	18.9	20.1	21.6	23.9	23.7	24.8	23.4	23.6	23.4	21.4	20.9	20.0
Mean Temperature	23.4	25.6	27.3	29.5	29.4	30.4	28.4	28.5	27.8	26.2	24.8	23.7
Virac Synop, Catanduanes												
Maximum Temperature	28.9	29.6	30.3	31.4	32.2	31.9	31.1	31.6	31.9	31.3	30.2	29.7
Minimum Temperature	23.1	23.5	23.3	24.0	24.7	25.0	24.5	24.8	24.8	24.0	24.0	23.8
Mean Temperature	26.0	26.6	26.8	27.7	28.5	28.5	27.8	28.2	28.4	27.7	27.1	26.8
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	31.4	33.1	33.6	32.9	33.0	32.5	32.1	32.6	33.3	31.7	32.5	32.4
Minimum Temperature	24.2	24.2	23.9	24.3	24.5	24.7	24.2	24.4	24.9	23.9	24.2	24.3
Mean Temperature	27.8	28.7	28.8	28.6	28.8	28.6	28.2	28.5	29.1	27.8	28.4	28.4

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.9
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2014
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	27.8	28.8	29.7	31.6	33.9	33.6	32.3	32.1	32.1	30.6	29.9	28.1
Minimum Temperature	22.1	22.0	23.1	24.5	25.1	23.9	24.7	24.1	24.0	24.8	24.0	23.3
Mean Temperature	25.0	25.4	26.4	28.1	29.5	28.8	28.5	28.1	28.1	27.7	27.0	25.7
Ambulong, Batangas												
Maximum Temperature	28.3	30.7	31.9	33.8	34.9	33.1	31.1	31.7	31.3	31.3	31.3	29.2
Minimum Temperature	21.1	20.6	22.1	22.7	24.7	24.7	24.1	23.7	23.5	23.4	23.2	23.5
Mean Temperature	24.7	25.7	27.0	28.3	29.8	28.9	27.6	27.7	27.4	27.4	27.3	26.4
Aparri, Cagayan												
Maximum Temperature	25.7	27.3	29.5	32.4	34.5	33.3	31.8	31.8	32.5	31.5	30.2	26.7
Minimum Temperature	20.5	21.9	22.9	24.8	25.4	25.2	24.9	24.7	24.9	24.7	24.2	22.4
Mean Temperature	23.1	24.6	26.2	28.6	30.0	29.3	28.4	28.3	28.7	28.1	27.2	24.6
Baguio City, Benguet												
Maximum Temperature	21.0	22.3	24.1	24.4	25.0	23.5	22.8	22.5	22.6	23.6	24.1	23.7
Minimum Temperature	10.6	12.4	13.9	15.8	16.5	16.4	16.1	16.3	16.0	15.7	15.0	14.6
Mean Temperature	15.8	17.4	19.0	20.1	20.8	20.0	19.5	19.4	19.3	19.7	19.6	19.2
Baler, Aurora (Radar)												
Maximum Temperature	26.5	28.5	28.8	30.8	32.7	34.4	32.7	32.6	31.8	31.1	30.1	...
Minimum Temperature	19.2	20.2	21.3	22.8	24.7	26.6	24.6	24.2	24.2	23.8	23.1	...
Mean Temperature	22.9	24.4	25.1	26.8	28.7	30.5	28.7	28.4	28.0	27.5	26.6	…
Basco, Batanes (Radar)												
Maximum Temperature	23.6	21.8	25.0	27.6	30.7	30.2	29.9	29.1	30.0	27.7	26.3	23.2
Minimum Temperature	16.6	19.7	19.2	22.5	25.3	25.9	25.7	25.5	24.4	22.6	21.5	19.0
Mean Temperature	20.1	20.8	22.1	25.0	28.0	28.0	27.7	27.3	27.1	25.1	23.9	20.6
Borongan, Easter Samar												
Maximum Temperature	27.8	29.8	30.0	30.7	32.2	31.8	30.9	31.4	30.7	31.2	30.3	29.5
Minimum Temperature	22.4	22.1	23.2	23.6	24.5	24.4	24.2	23.5	23.4	24.0	23.5	24.0
Mean Temperature	25.1	26.0	26.6	27.2	28.4	28.1	27.6	27.5	27.1	27.6	26.9	26.8
Butuan City, Agusan del Norte												
Maximum Temperature	27.5	30.3	31.2	32.1	34.6	33.7	32.8	33.0	31.6	32.2	31.8	31.0
Minimum Temperature	22.4	22.3	23.1	24.2	24.9	25.1	24.7	24.1	24.3	24.6	24.2	24.1
Mean Temperature	25.0	26.3	27.2	28.2	29.8	29.4	28.8	28.6	28.0	28.4	28.0	27.6
Cabanatuan, Nueva Ecija												
Maximum Temperature	30.3	31.4	33.3	36.0	37.5	34.2	32.1	32.0	31.4	32.7	33.4	31.7
Minimum Temperature	20.7	21.7	22.9	24.8	25.6	25.6	25.1	24.8	24.3	23.9	23.5	23.3
Mean Temperature	25.5	26.6	28.1	30.4	31.6	29.9	28.6	28.4	27.9	28.3	28.5	27.5
Calapan, Oriental Mindoro												
Maximum Temperature	28.6	30.0	31.4	33.7	34.6	32.8	31.6	32.3	31.6	31.2	31.0	29.3
Minimum Temperature	20.9	21.9	22.9	24.1	24.4	24.1	23.7	23.7	23.5	23.3	23.2	22.8
Mean Temperature	24.8	26.0	27.2	28.9	29.5	28.5	27.7	28.0	27.6	27.3	27.1	26.1
Calayan, Cagayan												
Maximum Temperature	27.6	28.8	29.6	31.6	33.3	33.4	32.8	31.4	32.6	32.2	30.9	26.3
Minimum Temperature	18.6	19.7	20.9	23.9	25.4	25.2	24.6	24.5	24.7	24.9	23.5	19.5
Mean Temperature	23.1	24.3	25.3	27.8	29.4	29.3	28.7	28.0	28.7	28.6	27.2	22.9
Casiguran, Aurora												
Maximum Temperature	26.7	28.4	29.4	31.8	34.9	34.7	33.3	32.8	32.3	31.2	30.2	28.2
Minimum Temperature	19.9	20.7	21.3	23.1	24.5	25.7	25.1	24.1	24.2	23.0	22.3	21.7
Mean Temperature	23.3	24.6	25.4	27.5	29.7	30.2	29.2	28.5	28.3	27.1	26.3	25.0
Catarman, Northern Samar												
Maximum Temperature	27.7	30.0	30.6	30.7	32.2	33.4	31.4	32.2	31.3	30.4	30.4	29.1
Minimum Temperature	22.4	22.6	23.4	24.1	24.3	24.3	23.8	23.9	23.3	23.2	23.4	23.3
Mean Temperature	25.1	26.3	27.0	27.4	28.3	28.9	27.6	28.1	27.3	26.8	26.9	26.2
Catbalogan, Western Samar												
Maximum Temperature	28.6	31.3	31.9	32.1	34.8	34.4	32.5	33.4	32.2	32.6	32.1	31.1
Minimum Temperature	22.6	22.5	23.8	24.3	25.7	25.8	25.6	25.3	25.1	24.9	24.1	24.5
Mean Temperature	25.6	26.9	27.9	28.2	30.3	30.1	29.1	29.4	28.7	28.8	28.1	27.8
Clark International Airport, Pampanga												
Maximum Temperature	28.3	30.6	31.6	33.9	34.8	31.3	30.4	30.8	30.7	30.9	31.0	29.5
Minimum Temperature	19.3	20.7	22.8	24.3	25.3	24.5	23.9	23.8	23.9	24.1	24.0	23.2
Mean Temperature	23.8	25.7	27.2	29.1	30.1	27.9	27.2	27.3	27.3	27.5	27.5	26.4
Coron, Palawan												
Maximum Temperature	...	...	...	...	...	31.0	29.9	31.4	30.3	31.8	34.2	33.0
Minimum Temperature	23.8	23.2	...	...	...	24.4	23.9	23.9	23.5	23.6	24.1	24.3
Mean Temperature	...	...	…	…	…	27.7	26.9	27.7	26.9	27.7	29.2	28.7
Cotabato City, Maguindanao												
Maximum Temperature	31.2	32.6	33.4	33.5	33.8	32.6	31.8	32.4	31.5	32.2	33.1	32.7
Minimum Temperature	22.4	22.9	23.4	23.7	23.5	23.3	22.9	22.9	22.8	22.9	23.3	23.3
Mean Temperature	26.8	27.8	28.4	28.6	28.7	28.0	27.4	27.7	27.2	27.6	28.2	28.0
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	30.6	32.2	33.7	34.6	35.9	31.9	30.7	31.3	31.6	32.5	32.6	31.2
Minimum Temperature	21.0	22.0	23.3	25.1	26.1	25.1	24.2	24.4	24.4	24.1	24.1	23.4
Mean Temperature	25.8	27.1	28.5	29.9	31.0	28.5	27.5	27.9	28.0	28.3	28.4	27.3

Continued

Table 1.4.9
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2014
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	29.5	30.7	31.3	32.1	32.7	31.5	30.7	31.7	31.2	31.9	31.9	31.1
Minimum Temperature	25.3	25.7	25.9	26.0	25.9	25.2	25.0	25.5	25.4	25.4	25.6	25.4
Mean Temperature	27.4	28.2	28.6	29.1	29.3	28.4	27.9	28.6	28.3	28.7	28.8	28.3
Daet, Camarines Norte												
Maximum Temperature	27.5	28.6	29.5	31.0	33.9	34.0	31.8	32.2	30.8	30.4	29.8	28.8
Minimum Temperature	22.3	22.0	23.3	25.0	25.6	25.5	25.2	24.6	23.5	24.2	24.5	23.9
Mean Temperature	24.9	25.3	26.4	28.0	29.8	29.8	28.5	28.4	27.2	27.3	27.2	26.4
Dagupan City, Pangasinan												
Maximum Temperature	30.1	31.5	33.0	34.6	35.1	32.3	31.7	31.2	31.6	32.5	32.7	31.2
Minimum Temperature	19.7	20.8	22.0	24.7	25.3	24.8	24.8	24.6	24.3	24.5	23.5	23.0
Mean Temperature	24.9	26.2	27.5	29.7	30.2	28.6	28.3	27.9	28.0	28.5	28.1	27.1
Davao City, Davao Del Sur												
Maximum Temperature	29.7	31.6	32.0	33.4	33.4	32.8	32.2	32.7	32.0	32.8	32.5	32.0
Minimum Temperature	23.2	23.9	24.5	25.2	25.6	25.3	25.5	24.8	24.7	25.2	24.9	24.7
Mean Temperature	26.5	27.8	28.3	29.3	29.5	29.1	28.9	28.8	28.4	29.0	28.7	28.4
Dipolog, Zamboanga del Norte												
Maximum Temperature	28.7	30.3	31.5	32.2	32.7	32.9	32.2	33.0	32.6	32.3	31.6	31.0
Minimum Temperature	23.2	23.2	23.6	23.8	24.0	24.0	23.9	24.0	24.3	24.0	24.0	24.3
Mean Temperature	26.0	26.8	27.6	28.0	28.4	28.5	28.1	28.5	28.5	28.2	27.8	27.7
Dumaguete City, Negros Oriental												
Maximum Temperature	28.9	30.0	30.5	31.6	32.6	32.9	31.7	32.7	31.5	31.3	31.3	30.6
Minimum Temperature	23.6	23.6	24.8	25.2	25.9	25.0	24.6	24.3	23.9	24.3	25.2	25.1
Mean Temperature	26.3	26.8	27.7	28.4	29.3	29.0	28.2	28.5	27.7	27.8	28.3	27.9
General Santos City, South Cotabato												
Maximum Temperature	31.0	32.1	33.3	34.3	34.4	32.7	31.9	32.3	32.3	33.3	33.2	33.3
Minimum Temperature	22.0	22.2	22.8	23.3	23.2	23.1	22.7	22.5	22.2	22.8	22.6	23.0
Mean Temperature	26.5	27.2	28.1	28.8	28.8	27.9	27.3	27.4	27.3	28.1	27.9	28.2
Guiuan, Eastern Samar												
Maximum Temperature	27.4	29.0	29.0	29.7	31.5	31.8	30.4	31.4	30.3	30.8	29.8	28.7
Minimum Temperature	22.7	23.0	22.6	23.5	25.4	25.2	24.3	24.1	23.8	24.1	24.2	23.5
Mean Temperature	25.1	26.0	25.8	26.6	28.5	28.5	27.4	27.8	27.1	27.5	27.0	26.1
Hinatuan, Surigao del Sur												
Maximum Temperature	28.0	29.2	29.7	31.4	31.9	33.2	32.7	33.2	32.3	32.5	30.7	30.4
Minimum Temperature	22.7	22.5	23.3	24.2	24.8	24.6	24.5	23.9	24.2	24.3	23.8	23.9
Mean Temperature	25.4	25.9	26.5	27.8	28.4	28.9	28.6	28.6	28.3	28.4	27.3	27.2
Iba, Zambales												
Maximum Temperature	30.6	30.6	31.9	33.3	34.8	32.2	30.8	30.7	30.7	29.5	31.9	27.2
Minimum Temperature	21.7	21.5	23.3	25.5	26.5	25.2	24.9	24.7	24.5	24.6	23.4	20.9
Mean Temperature	26.2	26.1	27.6	29.4	30.7	28.7	27.9	27.7	27.6	27.1	27.7	24.1
Infanta, Quezon												
Maximum Temperature	27.0	27.8	28.9	30.9	32.6	33.9	32.8	32.1	31.5	30.3	29.4	27.9
Minimum Temperature	21.7	21.6	23.1	24.4	25.0	25.2	24.9	24.5	23.8	24.0	24.1	23.3
Mean Temperature	24.4	24.7	26.0	27.7	28.8	29.6	28.9	28.3	27.7	27.2	26.8	25.6
Itbayat, Batanes												
Maximum Temperature	23.5	24.1	25.3	28.2	31.4	31.4	31.5	30.5	30.6	28.6	26.9	23.5
Minimum Temperature	16.2	18.0	18.7	21.8	24.3	24.9	25.3	25.0	24.5	22.8	21.7	18.0
Mean Temperature	19.9	21.1	22.0	25.0	27.9	28.2	28.4	27.8	27.6	25.7	24.3	20.8
Laoag City, Ilocos Norte												
Maximum Temperature	28.8	29.1	31.1	32.2	33.4	31.7	31.1	30.5	31.2	31.6	32.1	30.6
Minimum Temperature	17.8	19.5	21.6	23.5	25.2	25.2	25.3	24.4	24.4	23.2	22.3	22.3
Mean Temperature	23.3	24.3	26.4	27.9	29.3	28.5	28.2	27.5	27.8	27.4	27.2	26.5
Legazpi City, Albay												
Maximum Temperature	27.6	29.6	30.0	31.3	33.4	33.5	31.1	32.3	30.8	30.6	30.7	28.6
Minimum Temperature	22.4	22.2	23.7	24.8	26.5	26.2	25.5	25.4	25.0	24.7	24.8	24.6
Mean Temperature	25.0	25.9	26.9	28.1	30.0	29.9	28.3	28.9	27.9	27.7	27.8	26.6
Lumbia Airport, Misamis Oriental												
Maximum Temperature	31.8	33.0	32.0	32.8	33.4	34.2	35.4	35.2	34.4	34.8	34.4	32.8
Minimum Temperature	17.5	18.0	20.0	21.0	20.5	22.0	20.0	20.4	20.0	23.0	22.0	20.8
Mean Temperature	24.7	25.5	26.0	26.9	27.0	28.1	27.7	27.8	27.2	28.9	28.2	26.8
Maasin, Southern Leyte												
Maximum Temperature	27.9	29.9	30.6	31.6	33.9	32.4	30.6	32.1	30.7	30.9	30.7	29.2
Minimum Temperature	22.2	21.9	22.8	23.8	25.1	24.8	24.7	24.5	23.7	24.0	24.1	23.7
Mean Temperature	25.1	25.9	26.7	27.7	29.5	28.6	27.7	28.3	27.2	27.5	27.4	26.5
Mactan International Airport, Cebu												
Maximum Temperature	28.5	29.8	30.4	31.5	33.0	33.2	31.2	32.5	...	31.2	31.3	30.1
Minimum Temperature	23.0	23.4	24.3	25.4	26.5	25.9	25.3	25.1	...	24.9	25.3	24.7
Mean Temperature	25.8	26.6	27.4	28.5	29.8	29.6	28.3	28.8	…	28.1	28.3	27.4
Malaybalay, Bukidnon												
Maximum Temperature	27.3	29.8	30.3	31.2	31.8	30.1	28.4	30.2	29.0	29.4	30.7	30.0
Minimum Temperature	17.8	17.3	18.4	18.9	19.3	19.8	19.3	18.5	18.8	18.9	18.1	18.5
Mean Temperature	22.6	23.6	24.4	25.1	25.6	25.0	23.9	24.4	23.9	24.2	24.4	24.3

Continued

Table 1.4.9
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2014
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	28.5	30.4	31.4	31.6	34.0	33.3	31.4	32.6	31.6	31.6	31.9	30.0
Minimum Temperature	23.0	23.1	23.7	24.7	26.1	25.9	25.0	25.2	24.9	24.8	24.7	23.5
Mean Temperature	25.8	26.8	27.6	28.2	30.1	29.6	28.2	28.9	28.3	28.2	28.3	26.8
NAIA (MIA), Pasay City												
Maximum Temperature	29.6	31.2	32.7	34.9	36.3	32.5	31.0	31.3	31.0	31.8	31.8	30.0
Minimum Temperature	22.3	22.8	24.1	26.4	27.2	26.4	25.3	25.6	25.2	24.9	24.9	24.2
Mean Temperature	26.0	27.0	28.4	30.7	31.8	29.5	28.2	28.5	28.1	28.4	28.4	27.1
Port Area (MCO), Manila												
Maximum Temperature	29.0	30.4	32.0	33.1	35.2	32.4	31.4	31.5	31.4	31.9	31.6	30.2
Minimum Temperature	22.1	22.8	24.3	25.2	26.5	25.9	24.9	24.8	25.0	23.8	24.5	23.8
Mean Temperature	25.6	26.6	28.2	29.2	30.9	29.2	28.2	28.2	28.2	27.9	28.1	27.0
Puerto Princesa City, Palawan												
Maximum Temperature	30.4	30.6	31.7	33.0	33.3	32.0	30.9	31.6	30.6	31.5	31.6	31.1
Minimum Temperature	23.6	22.8	24.1	25.2	26.2	25.3	24.6	24.7	24.3	24.5	25.2	25.0
Mean Temperature	27.0	26.7	27.9	29.1	29.8	28.7	27.8	28.2	27.5	28.0	28.4	28.1
Romblon, Romblon												
Maximum Temperature	25.2	27.5	28.0	29.4	31.5	30.7	28.4	29.6	28.7	28.8	28.1	26.5
Minimum Temperature	22.0	22.5	23.5	24.6	26.1	26.2	24.6	25.0	24.8	24.5	24.5	23.8
Mean Temperature	23.6	25.0	25.8	27.0	28.8	28.5	26.5	27.3	26.8	26.7	26.3	25.2
Roxas City, Capiz												
Maximum Temperature	27.8	29.1	30.0	31.0	33.0	32.5	31.1	31.5	30.8	31.1	31.5	29.3
Minimum Temperature	24.6	24.6	25.4	26.1	26.9	25.8	25.4	25.5	25.2	25.5	26.1	25.5
Mean Temperature	26.2	26.9	27.7	28.6	30.0	29.2	28.3	28.5	28.0	28.3	28.8	27.4
San Jose, Occidental Mindoro												
Maximum Temperature	31.8	32.4	34.1	33.4	34.6	32.0	30.1	31.3	...	31.8	33.5	32.0
Minimum Temperature	22.1	21.7	23.4	23.7	24.8	23.9	24.1	23.6	...	23.5	23.4	23.4
Mean Temperature	27.0	27.1	28.8	28.6	29.7	28.0	27.1	27.5	…	27.7	28.5	27.7
Sangley Point, Cavite												
Maximum Temperature	29.4	31.3	32.5	34.9	36.3	33.2	31.6	32.0	31.6	32.0	31.9	30.1
Minimum Temperature	23.3	24.1	25.3	26.7	28.3	26.9	25.8	26.4	26.3	26.2	25.8	25.2
Mean Temperature	26.4	27.7	28.9	30.8	32.3	30.1	28.7	29.2	29.0	29.1	28.9	27.7
Science Garden, Quezon City												
Maximum Temperature	29.4	30.7	32.5	34.2	35.3	32.9	31.3	31.4	31.5	31.9	31.7	30.1
Minimum Temperature	19.8	20.7	22.1	23.9	25.1	25.6	24.7	24.1	24.2	23.6	23.1	22.8
Mean Temperature	24.6	25.7	27.3	29.1	30.2	29.3	28.0	27.8	27.9	27.8	27.4	26.5
Sinait, Ilocos Sur												
Maximum Temperature	28.9	29.3	31.3	32.3	33.8	32.2	31.3	...	31.2	31.8	31.9	30.9
Minimum Temperature	18.8	20.1	21.9	23.8	25.2	24.8	24.5	...	23.8	22.9	22.6	22.5
Mean Temperature	23.9	24.7	26.6	28.1	29.5	28.5	27.9	…	27.5	27.4	27.3	26.7
Surigao, Surigao del Norte												
Maximum Temperature	27.5	29.5	30.6	31.6	33.5	33.9	32.3	33.6	32.1	32.4	31.5	30.1
Minimum Temperature	21.9	21.8	22.8	23.9	24.5	24.6	24.0	24.3	23.5	23.5	23.1	22.5
Mean Temperature	24.7	25.7	26.7	27.8	29.0	29.3	28.2	29.0	27.8	28.0	27.3	26.3
Tacloban City, Leyte												
Maximum Temperature	...	...	...	...	...	...	31.7	32.4	31.5	31.9	31.5	30.1
Minimum Temperature	...	...	...	...	...	...	24.8	24.6	24.7	24.6	24.4	24.2
Mean Temperature	…	…	…	…	…	…	28.3	28.5	28.1	28.3	28.0	27.2
Tagbilaran City, Bohol												
Maximum Temperature	28.8	29.8	30.6	31.9	33.2	32.6	31.6	31.9	31.4	32.0	32.1	31.0
Minimum Temperature	22.8	22.1	22.9	23.7	25.0	25.2	24.9	24.4	24.3	24.3	24.0	23.7
Mean Temperature	25.8	26.0	26.8	27.8	29.1	28.9	28.3	28.2	27.9	28.2	28.1	27.4
Tanay, Rizal												
Maximum Temperature	22.9	25.0	25.9	28.8	31.3	28.6	26.1	26.7	26.6	26.3	25.9	23.5
Minimum Temperature	16.9	17.8	18.5	20.3	21.5	20.7	20.2	20.2	20.1	20.1	19.9	19.4
Mean Temperature	19.9	21.4	22.2	24.6	26.4	24.7	23.2	23.5	23.4	23.2	22.9	21.5
Tayabas, Quezon												
Maximum Temperature	26.9	28.6	29.5	32.0	33.7	32.5	30.7	31.6	30.1	29.5	29.0	26.9
Minimum Temperature	18.3	18.8	22.4	23.1	23.7	23.6	23.2	23.0	22.7	23.3	23.0	22.6
Mean Temperature	22.6	23.7	26.0	27.6	28.7	28.1	27.0	27.3	26.4	26.4	26.0	24.8
Tuguegarao, Cagayan												
Maximum Temperature	26.5	29.9	32.3	35.1	37.3	36.6	33.9	33.8	33.1	30.9	30.4	27.1
Minimum Temperature	17.6	19.4	21.2	23.3	24.9	24.9	24.9	24.5	24.1	22.8	21.9	21.0
Mean Temperature	22.1	24.7	26.8	29.2	31.1	30.8	29.4	29.2	28.6	26.9	26.2	24.1
Virac Synop, Catanduanes												
Maximum Temperature	27.7	29.3	30.2	30.7	32.7	33.2	31.2	32.5	31.7	31.0	30.4	29.6
Minimum Temperature	22.0	21.4	22.4	23.0	24.4	25.0	24.6	24.1	24.0	23.7	23.3	23.1
Mean Temperature	24.9	25.4	26.3	26.9	28.6	29.1	27.9	28.3	27.9	27.4	26.9	26.4
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	31.2	32.4	33.3	33.5	34.0	33.8	33.4	33.0	32.5	33.0	34.2	34.1
Minimum Temperature	23.1	23.0	24.1	24.4	24.9	24.8	24.7	24.4	23.9	24.2	24.1	24.1
Mean Temperature	27.2	27.7	28.7	29.0	29.5	29.3	29.1	28.7	28.2	28.6	29.2	29.1

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.4.10
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION
2015
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	27.8	28.4	29.9	31.3	33.8	33.2	32.2	32.5	32.5	31.9	29.8	29.8
Minimum Temperature	22.3	22.2	22.7	24.0	24.4	24.7	24.5	24.3	24.2	24.3	23.7	23.7
Mean Temperature	25.1	25.3	26.3	27.7	29.1	29.0	28.4	28.4	28.4	28.1	26.8	26.8
Ambulong, Batangas												
Maximum Temperature	28.6	30.4	31.7	34.0	34.7	34.0	32.0	32.3	37.6	32.2	31.8	30.6
Minimum Temperature	21.7	21.1	21.5	23.4	24.1	24.8	24.1	23.9	23.3	23.4	24.3	23.0
Mean Temperature	25.2	25.8	26.6	28.7	29.4	29.4	28.1	28.1	30.5	27.8	28.1	26.8
Aparri, Cagayan												
Maximum Temperature	26.9	27.4	31.1	...	32.2	34.3	32.3	31.6	31.8	30.3	28.5	26.7
Minimum Temperature	21.4	21.4	23.8	...	25.3	26.3	27.0	25.9	25.7	25.1	24.6	23.2
Mean Temperature	24.2	24.4	27.5	…	28.8	30.3	29.7	28.8	28.8	27.7	26.6	25.0
Baguio City, Benguet												
Maximum Temperature	21.8	22.1	23.8	24.4	24.5	24.6	21.0	22.6	23.7	23.0	24.3	23.4
Minimum Temperature	12.1	13.0	14.2	15.7	16.6	16.9	15.9	16.0	16.4	15.6	15.3	15.0
Mean Temperature	17.0	17.6	19.0	20.1	20.6	20.8	18.5	19.3	20.1	19.3	19.8	19.2
Baler, Aurora (Radar)												
Maximum Temperature	27.1	27.3	29.3	30.4	32.8	32.7	31.6	33.8	31.2	31.6	31.8	29.8
Minimum Temperature	20.8	20.7	21.5	23.2	24.7	25.1	24.4	24.9	24.4	23.8	24.2	22.3
Mean Temperature	24.0	24.0	25.4	26.8	28.8	28.9	28.0	29.4	27.8	27.7	28.0	26.1
Basco, Batanes (Radar)												
Maximum Temperature	22.4	23.7	25.8	27.4	29.4	31.2	29.9	30.1	29.4	26.5	27.2	24.8
Minimum Temperature	17.2	19.0	20.9	22.9	24.0	25.3	24.3	24.7	24.3	23.2	22.4	20.3
Mean Temperature	19.8	21.4	23.3	25.1	26.8	28.2	27.1	27.4	26.9	24.9	24.8	22.6
Borongan, Easter Samar												
Maximum Temperature	28.7	28.8	29.8	30.8	31.0	30.9	32.1	32.0	31.3	31.6	30.4	29.7
Minimum Temperature	23.4	22.8	22.8	24.0	24.1	24.4	24.3	24.7	24.3	24.1	24.4	24.2
Mean Temperature	26.1	25.8	26.3	27.4	27.6	27.7	28.2	28.4	27.8	27.9	27.4	27.0
Butuan City, Agusan del Norte												
Maximum Temperature	29.8	30.6	31.8	33.2	34.3	32.6	33.5	33.4	32.7	33.4	32.1	31.8
Minimum Temperature	23.2	22.8	22.6	24.0	25.0	24.7	24.7	24.9	24.7	24.5	24.0	23.7
Mean Temperature	26.5	26.7	27.2	28.6	29.7	28.7	29.1	29.2	28.7	29.0	28.1	27.8
Cabanatuan, Nueva Ecija												
Maximum Temperature	31.0	31.3	33.2	35.5	36.4	36.0	31.6	32.5	33.5	32.3	33.7	31.8
Minimum Temperature	21.2	21.0	21.6	23.8	25.0	24.9	24.2	24.6	24.5	24.1	23.3	22.9
Mean Temperature	26.1	26.2	27.4	29.7	30.7	30.5	27.9	28.6	29.0	28.2	28.5	27.4
Calapan, Oriental Mindoro												
Maximum Temperature	29.3	30.7	31.2	32.5	34.2	33.1	32.0	31.9	32.5	31.8	31.7	30.6
Minimum Temperature	22.0	22.3	22.7	23.8	24.7	24.5	24.3	24.1	24.4	24.3	24.0	23.3
Mean Temperature	25.7	26.5	27.0	28.2	29.5	28.8	28.2	28.0	28.5	28.1	27.9	27.0
Calayan, Cagayan												
Maximum Temperature	25.3	26.6	29.0	31.2	31.8	33.9	32.4	31.9	31.6	31.2	31.5	29.6
Minimum Temperature	18.1	19.1	21.3	21.3	24.4	25.6	25.4	25.0	24.9	24.4	24.2	21.6
Mean Temperature	21.7	22.9	25.2	26.3	28.1	29.8	28.9	28.5	28.3	27.8	27.9	25.6
Casiguran, Aurora												
Maximum Temperature	27.5	26.9	29.0	30.7	32.9	34.2	32.3	33.2	33.1	31.1	30.1	28.5
Minimum Temperature	19.6	19.6	20.2	22.5	24.0	24.6	24.5	24.5	24.0	23.7	22.6	21.8
Mean Temperature	23.6	23.3	24.6	26.6	28.5	29.4	28.4	28.9	28.6	27.4	26.4	25.2
Catarman, Northern Samar												
Maximum Temperature	28.4	29.1	30.0	30.8	32.0	31.8	32.3	32.7	32.0	31.4	30.8	30.3
Minimum Temperature	23.0	22.4	22.9	23.1	23.2	23.9	24.2	24.4	24.3	24.0	23.9	23.6
Mean Temperature	25.7	25.8	26.5	27.0	27.6	27.9	28.3	28.6	28.2	27.7	27.4	27.0
Catbalogan, Western Samar												
Maximum Temperature	30.5	31.2	32.4	33.4	34.6	33.2	33.2	33.0	33.5	33.5	33.3	32.1
Minimum Temperature	23.6	23.2	22.9	24.2	25.3	25.3	25.9	25.9	25.4	25.4	24.5	24.2
Mean Temperature	27.1	27.2	27.7	28.8	30.0	29.3	29.6	29.5	29.5	29.5	28.9	28.2
Clark International Airport, Pampanga												
Maximum Temperature	28.4	29.2	31.5	33.4	33.6	33.4	30.2	31.2	32.4	31.6	32.0	30.4
Minimum Temperature	21.4	21.8	22.7	24.5	25.0	25.1	23.9	24.2	24.4	24.4	24.4	23.4
Mean Temperature	24.9	25.5	27.1	29.0	29.3	29.3	27.1	27.7	28.4	28.0	28.2	26.9
Coron, Palawan												
Maximum Temperature	32.4	32.1	32.3	33.8	34.2	33.3	31.4	31.5	31.9	32.5	34.4	33.8
Minimum Temperature	22.5	22.6	22.8	24.1	24.8	24.3	24.4	24.3	24.1	24.3	25.1	24.0
Mean Temperature	27.5	27.4	27.6	29.0	29.5	28.8	27.9	27.9	28.0	28.4	29.8	28.9
Cotabato City, Maguindanao												
Maximum Temperature	32.1	33.3	34.2	34.2	33.7	32.3	32.0	32.1	31.8	32.7	33.5	33.5
Minimum Temperature	22.9	23.6	23.4	23.7	22.7	22.9	23.0	23.0	23.0	23.2	23.4	23.4
Mean Temperature	27.5	28.5	28.8	29.0	28.2	27.6	27.5	27.6	27.4	28.0	28.5	28.5
Cubi Point, Subic Bay, Olongapo City, Zambales												
Maximum Temperature	30.4	31.8	33.4	35.1	34.0	34.4	...	31.7	32.3	32.2	33.3	31.6
Minimum Temperature	21.5	21.3	22.4	24.6	25.2	25.3	...	24.5	24.6	24.1	24.0	22.9
Mean Temperature	26.0	26.6	27.9	29.9	29.6	29.9	…	28.1	28.5	28.2	28.7	27.3

Continued

Table 1.4.10
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(continued)*
2015
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Cuyo, Palawan												
Maximum Temperature	20.0	31.4	...	33.2	32.5	32.0	32.1	31.9	31.6	31.9	...	...
Minimum Temperature	25.4	25.5	...	26.1	25.9	25.6	25.7	25.6	25.6	25.7	...	...
Mean Temperature	22.7	28.5	…	29.7	29.2	28.8	28.9	28.8	28.6	28.8	…	…
Daet, Camarines Norte												
Maximum Temperature	28.2	28.3	29.9	31.0	32.8	32.6	31.7	32.1	32.0	31.2	30.9	...
Minimum Temperature	22.3	21.7	22.9	23.5	23.2	23.9	23.7	23.9	23.0	24.3	24.8	...
Mean Temperature	25.3	25.0	26.4	27.3	28.0	28.3	27.7	28.0	27.5	27.8	27.9	…
Dagupan City, Pangasinan												
Maximum Temperature	30.4	31.4	33.1	34.4	...	35.3	30.3	32.0	32.9	31.1	33.0	31.6
Minimum Temperature	20.0	21.7	22.5	24.6	...	24.6	24.3	25.3	25.1	24.5	24.0	23.2
Mean Temperature	25.2	26.6	27.8	29.5	…	30.0	27.3	28.7	29.0	27.8	28.5	27.4
Davao City, Davao Del Sur												
Maximum Temperature	31.2	31.9	32.9	34.1	33.4	32.3	32.3	32.2	32.5	32.8	32.8	33.0
Minimum Temperature	24.1	23.2	24.3	25.2	25.9	25.8	25.4	25.3	25.3	25.1	25.0	24.9
Mean Temperature	27.7	27.6	28.6	29.7	29.7	29.1	28.9	28.8	28.9	29.0	28.9	29.0
Dipolog, Zamboanga del Norte												
Maximum Temperature	29.9	30.5	32.0	32.9	32.8	32.6	33.0	33.1	32.6	33.2	32.0	31.7
Minimum Temperature	23.5	24.0	23.7	24.3	24.7	24.4	23.9	24.1	23.6	23.9	23.7	23.7
Mean Temperature	26.7	27.3	27.9	28.6	28.8	28.5	28.5	28.6	28.1	28.6	27.9	27.7
Dumaguete City, Negros Oriental												
Maximum Temperature	29.5	30.2	31.3	32.0	33.0	31.9	32.1	32.0	32.1	32.1	31.7	31.0
Minimum Temperature	23.8	24.1	24.2	25.3	25.7	25.4	23.7	24.8	25.1	25.0	26.1	25.5
Mean Temperature	26.7	27.2	27.8	28.7	29.4	28.7	27.9	28.4	28.6	28.6	28.9	28.3
General Santos City, South Cotabato												
Maximum Temperature	...	34.6	35.7	35.4	34.9	32.3	32.2	31.7	32.2	33.5	34.1	35.0
Minimum Temperature	...	22.5	23.8	23.7	23.6	23.1	22.8	22.7	22.8	22.7	23.2	25.4
Mean Temperature	…	28.6	29.8	29.6	29.3	27.7	27.5	27.2	27.5	28.1	28.7	30.2
Guiuan, Eastern Samar												
Maximum Temperature	28.0	29.0	30.3	32.1	34.6	32.3	31.8	32.8	31.8	32.0	30.1	29.2
Minimum Temperature	23.0	23.1	23.8	24.8	25.9	24.7	25.2	25.7	24.7	25.0	24.3	23.5
Mean Temperature	25.5	26.1	27.1	28.5	30.3	28.5	28.5	29.3	28.3	28.5	27.2	26.4
Hinatuan, Surigao del Sur												
Maximum Temperature	29.8	29.6	30.0	30.9	...	31.5	33.5	...	32.7	32.7	30.0	30.0
Minimum Temperature	23.2	22.9	22.9	23.6	...	24.3	24.4	...	24.1	24.5	27.1	23.7
Mean Temperature	26.5	26.3	26.5	27.3	…	27.9	29.0	…	28.4	28.6	28.6	26.9
Iba, Zambales												
Maximum Temperature	30.1	30.1	31.4	33.4	32.4	33.3	30.4	31.2	31.8	31.3	33.0	31.4
Minimum Temperature	20.9	20.5	21.6	24.9	25.4	25.3	24.3	24.3	24.8	23.4	23.7	22.6
Mean Temperature	25.5	25.3	26.5	29.2	28.9	29.3	27.4	27.8	28.3	27.4	28.4	27.0
Infanta, Quezon												
Maximum Temperature	27.1	27.6	29.1	30.6	32.7	32.8	32.5	32.2	32.0	31.5	30.7	29.4
Minimum Temperature	22.1	22.3	22.8	24.7	24.7	24.9	24.7	25.0	24.3	24.3	24.7	24.0
Mean Temperature	24.6	25.0	26.0	27.7	28.7	28.9	28.6	28.6	28.2	27.9	27.7	26.7
Itbayat, Batanes												
Maximum Temperature	22.4	24.3	26.3	28.0	30.2	32.7	31.0	30.8	30.4	28.3	28.1	26.1
Minimum Temperature	17.3	18.2	19.6	22.1	23.9	25.4	24.6	25.0	24.2	22.9	22.8	20.9
Mean Temperature	19.9	21.3	23.0	25.1	27.1	29.1	27.8	27.9	27.3	25.6	25.5	23.5
Laoag City, Ilocos Norte												
Maximum Temperature	29.0	29.4	30.9	32.1	32.4	33.2	30.1	31.3	31.6	...	32.1	30.3
Minimum Temperature	19.1	20.4	21.3	23.5	24.6	25.1	24.0	24.4	24.4	...	22.2	21.7
Mean Temperature	24.1	24.9	26.1	27.8	28.5	29.2	27.1	27.9	28.0	…	27.2	26.0
Legazpi City, Albay												
Maximum Temperature	28.5	28.8	29.9	31.4	32.4	32.4	31.3	31.9	32.4	31.3	30.9	30.0
Minimum Temperature	23.5	23.3	24.0	25.1	25.8	25.9	25.6	25.5	25.3	25.3	25.3	24.8
Mean Temperature	26.0	26.1	27.0	28.3	29.1	29.2	28.5	28.7	28.9	28.3	28.1	27.4
Lumbia Airport, Misamis Oriental												
Maximum Temperature	29.7	30.3	31.0	31.7	32.8	32.1	33.1	33.1	32.5	32.4	32.2	31.4
Minimum Temperature	23.5	21.4	22.1	21.9	22.6	23.5	23.2	23.3	22.7	22.9	23.6	...
Mean Temperature	26.6	25.9	26.6	26.8	27.7	27.8	28.2	28.2	27.6	27.7	27.9	...
Maasin, Southern Leyte												
Maximum Temperature	28.3	29.5	30.1	32.8	31.8	30.9	30.6	30.2	30.2	30.8	30.5	30.1
Minimum Temperature	23.0	23.1	23.5	24.8	25.5	25.0	25.0	25.3	24.6	25.0	24.5	24.0
Mean Temperature	25.7	26.3	26.8	28.8	28.7	28.0	27.8	27.8	27.4	27.9	27.5	27.1
Mactan International Airport, Cebu												
Maximum Temperature	29.5	29.9	31.2	32.4	33.4	32.4	31.7	31.7	31.4	31.9	31.7	30.9
Minimum Temperature	23.9	23.7	24.1	25.7	26.3	25.5	25.0	25.1	24.9	25.1	25.8	25.0
Mean Temperature	26.7	26.8	27.7	29.1	29.9	29.0	28.4	28.4	28.2	28.5	28.8	28.0
Malaybalay, Bukidnon												
Maximum Temperature	29.5	30.0	31.7	32.6	...	29.5	27.2	29.3	28.9	29.9	30.2	30.8
Minimum Temperature	18.1	16.9	16.4	18.0	...	19.5	19.2	18.9	19.5	19.9	19.4	18.1
Mean Temperature	23.8	23.5	24.1	25.3	…	24.5	23.2	24.1	24.2	24.9	24.8	24.5

Continued

Table 1.4.10
ANNUAL TEMPERATURE DATA BY MONTH AND BY SELECTED STATION *(concluded)*
2015
(In degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Masbate, Masbate												
Maximum Temperature	29.7	30.9	31.9	32.6	33.7	33.9	32.1	32.4	32.7	32.4	32.6	31.0
Minimum Temperature	22.3	22.3	22.9	24.3	25.2	25.2	24.6	24.5	24.6	24.7	24.1	23.3
Mean Temperature	26.0	26.6	27.4	28.5	29.5	29.6	28.4	28.5	28.7	28.6	28.4	27.2
NAIA (MIA), Pasay City												
Maximum Temperature	29.6	30.7	32.3	34.6	35.1	34.6	31.7	31.8	32.4	31.8	33.2	31.5
Minimum Temperature	22.3	22.7	23.5	25.8	27.0	26.6	25.7	25.6	25.3	25.6	25.4	24.2
Mean Temperature	26.0	26.7	27.9	30.2	31.1	30.6	28.7	28.7	28.9	28.7	29.3	27.9
Port Area (MCO), Manila												
Maximum Temperature	29.1	30.3	31.8	33.9	34.5	34.3	31.7	32.4	32.9	32.1	33.3	31.5
Minimum Temperature	21.8	22.5	23.9	25.7	26.6	26.1	25.5	25.8	25.3	25.7	25.4	24.1
Mean Temperature	25.5	26.4	27.9	29.8	30.6	30.2	28.6	29.1	29.1	28.9	29.4	27.8
Puerto Princesa City, Palawan												
Maximum Temperature	30.1	30.8	31.8	33.0	33.3	32.7	31.1	31.4	31.5	32.3	31.8	31.8
Minimum Temperature	24.2	23.5	23.8	25.3	25.7	25.8	24.8	25.1	24.7	25.3	25.6	25.4
Mean Temperature	27.2	27.2	27.8	29.2	29.5	29.3	28.0	28.3	28.1	28.8	28.7	28.6
Romblon, Romblon												
Maximum Temperature	25.8	27.0	28.4	30.1	31.8	31.6	29.6	30.0	30.5	29.6	29.3	28.1
Minimum Temperature	22.5	23.6	23.2	24.8	26.0	25.7	25.1	25.0	25.3	25.5	25.0	24.1
Mean Temperature	24.2	25.3	25.8	27.5	28.9	28.7	27.4	27.5	27.9	27.6	27.2	26.1
Roxas City, Capiz												
Maximum Temperature	28.5	28.3	30.2	31.3	33.1	32.3	31.8	31.6	32.0	...	31.6	30.5
Minimum Temperature	24.8	24.8	25.1	26.2	26.5	26.1	25.5	25.5	25.5	...	26.1	25.8
Mean Temperature	26.7	26.6	27.7	28.8	29.8	29.2	28.7	28.6	28.8	…	28.9	28.2
San Jose, Occidental Mindoro												
Maximum Temperature	31.7	32.5	33.5	34.6	34.3	33.3	31.3	31.1	31.4	31.8	34.6	32.8
Minimum Temperature	20.9	22.2	23.2	24.4	24.6	24.6	24.5	24.0	23.8	23.7	24.8	23.6
Mean Temperature	26.3	27.4	28.4	29.5	29.5	29.0	27.9	27.6	27.6	27.8	29.7	28.2
Sangley Point, Cavite												
Maximum Temperature	29.5	30.7	32.0	34.3	35.2	34.6	32.3	32.6	32.8	32.1	32.8	31.0
Minimum Temperature	23.6	24.1	25.1	26.8	28.0	27.7	26.7	26.7	26.6	26.6	26.5	25.3
Mean Temperature	26.6	27.4	28.6	30.6	31.6	31.2	29.5	29.7	29.7	29.4	29.7	28.2
Science Garden, Quezon City												
Maximum Temperature	29.4	31.0	32.0	34.3	34.5	34.3	31.7	32.2	32.6	32.0	32.9	31.2
Minimum Temperature	20.5	20.6	21.8	24.4	25.4	25.1	24.6	24.8	24.7	24.4	23.7	22.6
Mean Temperature	25.0	25.8	26.9	29.4	30.0	29.7	28.2	28.5	28.7	28.2	28.3	26.9
Sinait, Ilocos Sur												
Maximum Temperature	29.3	29.5	31.0	32.4	33.4	34.1	30.6	31.5	31.8	30.6	32.0	30.6
Minimum Temperature	20.2	21.0	22.4	24.1	25.1	25.7	23.9	24.5	24.4	23.3	22.8	22.2
Mean Temperature	24.8	25.3	26.7	28.3	29.3	29.9	27.3	28.0	28.1	27.0	27.4	26.4
Surigao, Surigao del Norte												
Maximum Temperature	29.5	30.6	31.8	32.4	33.4	32.2	33.9	34.2	33.2	32.9	31.0	31.1
Minimum Temperature	21.8	21.6	21.8	22.8	23.6	23.0	23.8	23.6	23.0	24.3	23.9	23.2
Mean Temperature	25.7	26.1	26.8	27.6	28.5	27.6	28.9	28.9	28.1	28.6	27.5	27.2
Tacloban City, Leyte												
Maximum Temperature	29.3	30.1	31.2	31.8	32.6	31.5	...	32.3	32.1	32.2	31.2	30.0
Minimum Temperature	23.5	22.9	23.1	24.5	25.6	25.3	...	25.2	25.1	25.3	24.5	24.4
Mean Temperature	26.4	26.5	27.2	28.2	29.1	28.4	…	28.8	28.6	28.8	27.9	27.2
Tagbilaran City, Bohol												
Maximum Temperature	29.9	31.3	31.2	32.1	33.0	31.7	31.5	31.5	31.3	31.2	31.4	31.0
Minimum Temperature	22.7	21.6	22.0	23.8	24.9	25.0	24.9	24.9	24.5	24.5	24.1	24.0
Mean Temperature	26.3	26.5	26.6	28.0	29.0	28.4	28.2	28.2	27.9	27.9	27.8	27.5
Tanay, Rizal												
Maximum Temperature	22.9	24.4	25.8	28.4	30.8	29.8	27.0	27.3	27.8	26.4	26.1	24.7
Minimum Temperature	18.7	17.9	18.7	20.3	21.6	21.4	19.7	20.4	21.0	20.7	20.4	19.9
Mean Temperature	20.8	21.2	22.3	24.4	26.2	25.6	23.4	23.9	24.4	23.6	23.3	22.3
Tayabas, Quezon												
Maximum Temperature	26.6	27.7	29.1	31.1	33.1	33.0	32.5	31.9	32.4	31.4	30.0	28.7
Minimum Temperature	20.5	20.8	21.8	22.9	23.5	23.9	23.5	23.4	23.2	22.8	23.2	22.5
Mean Temperature	23.6	24.3	25.5	27.0	28.3	28.5	28.0	27.7	27.8	27.1	26.6	25.6
Tuguegarao, Cagayan												
Maximum Temperature	27.1	28.6	31.8	34.2	35.8	37.0	32.9	33.2	33.9	30.9	30.0	28.4
Minimum Temperature	18.9	19.4	20.3	22.8	24.2	25.2	24.4	24.4	24.2	23.3	22.2	21.6
Mean Temperature	23.0	24.0	26.1	28.5	30.0	31.1	28.7	28.8	29.1	27.1	26.1	25.0
Virac Synop, Catanduanes												
Maximum Temperature	28.7	28.7	30.0	30.8	31.7	32.4	32.1	32.7	...	32.1	30.9	29.9
Minimum Temperature	22.2	21.5	22.0	23.2	23.8	24.5	24.6	24.8	...	24.4	23.3	23.3
Mean Temperature	25.5	25.1	26.0	27.0	27.8	28.5	28.4	28.8	…	28.3	27.1	26.6
Zamboanga City, Zamboanga del Sur												
Maximum Temperature	33.4	33.5	34.4	34.3	34.1	33.0	...	32.9	32.9	33.1	33.4	33.7
Minimum Temperature	23.7	23.2	22.7	22.2	21.7	21.2	20.7	20.2	19.7	19.2	18.7	18.2
Mean Temperature	28.6	28.4	28.6	28.3	27.9	27.1	...	26.6	26.3	26.2	26.1	26.0

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, Department of Science and Technology

Table 1.5
LIST OF PROCLAIMED WATERSHEDS BY REGION
As of 2015
(Area in hectares)

Region	Name of Reservation	Location		Total Count	Area	Proclamation	
		Province	City/Municipality			No.	Date
Philippines				**146**	**2,675,687**		
NCR				**1**	**2,659**		
	La Mesa Watershed Forest Reserve		Quezon City, Caloocan City		2,659	1336	2007-Jun-25
CAR				**11**	**716,849**		
	Pucsusan Watershed Reservation	Benguet	Baguio City		1	2035	2010-Apr-06
	Upper Agno River Basin Resource Reserve (Ambuklao-Binga Watershed Forest Reserve)	Benguet, Ifugao, and Nueva Vizcaya	Atok, Bokod		123,000	268	2000-Apr-23
	Lucnab Watershed Forest Reserve	Benguet	Baguio City		6	178	1993-May-12
	Buyog Watershed Forest Reserve	Benguet	Baguio City		20	93	1992-Nov-05
	San Roque Watershed Reservation	Benguet and Pangasinan	Tuba, Itogon, Baguio City		9,550	2320	1983-Nov-22
	Lower Agno Watershed Forest Reserve	Benguet	Tuba, Itogon, Baguio City		39,304	2320	1983-Nov-22
	Marcos Highway Watershed Forest Reserve	Benguet	Tuba, Benguet		6,105	1754	1978-Jun-28
	Abulug River Forest Reserve	Apayao and Cagayan	Calanasan, Kabugao, Pudtol, Flora, Conner, Abulug		195,659	574	1969-Jun-27
	Chico River Forest Reserve	Mt. Province, Ifugao, Kalinga, and Apayao	Bauko, Sabangan, Bontoc, Sagada, Sandangan, Barlig, Hugdungan,Tanudan, Lubuagan, Tinglayan, Pinukpuk, Tabuk, Balbalan, Pasil, Conner		333,175	573	1969-Jun-26
	Ambuklao Watershed Forest Reserve (Pilot)	Benguet	Atok, Bokod		9,700	120	1966-Nov-25
	Busol Watershed Forest Reserve	Benguet	Baguio City, La Trinidad		329	15 Amended by 202	1922-April-14 1987-Dec-24
I - Ilocos Region				**11**	**39,855**		
	Lon-oy Watershed Forest Reserve	La Union	San Gabriel, Santol		1,460	378	1994-May-11
	Tanap Watershed Forest Reserve	Ilocos Norte	Burgos		41	803	1971-Feb-01
	Ambayawan River Forest Reserve	Pangasinan	Pangasinan		33,688	573	1969-Jun-26
	Magnuang Watershed Forest Reserve	Ilocos Norte	Batac		152	220	1967-Jul-02
	Bigbiga Spring Watershed Forest Reserve	Ilocos Sur	Narvacan		135	431	1939-Aug-16
	Sta. Lucia Watershed Forest Reserve	Ilocos Sur	Sta. Lucia		174	333	1938-Oct-18
	Lidlidda Watershed Forest Reserve	Ilocos Sur	Lidlidda		1,228	79	1936-Sept-17
	Naguilian Watershed Reservation	La Union	Naguilian		90	52	1936-Apr-11
	Santa Watershed Forest Reserve	Ilocos Sur	Santa		25	844	1935-Sept-26
	Ilocos Norte Metropolitan Watershed Forest Reserve	Ilocos Norte	Pasuquin		2,815	731 Amended by 218	1934-Sept-07 1967-Jun-23

Continued

Table 1.5
LIST OF PROCLAIMED WATERSHEDS BY REGION *(continued)*
As of 2015
(Area in hectares)

Region	Name of Reservation	Location		Total Count	Area	Proclamation	
		Province	City/Municipality			No.	Date
	Libunao Spring Watershed Forest Reserve	Ilocos Sur	Sinait		47	410	1931-Sept-21
II - Cagayan Valley				**7**	**131,810**		
	Tumauini Watershed Forest Reserve	Isabela	Cabagan, San Pablo, Maconacon, Divilacan		17,670	355	1994-Apr-14
	Bawa Watershed Forest Reserve	Cagayan	Gonzaga and Lal-lo		8,955	108	1987-May-13
	Wangag Watershed Forest Reserve	Cagayan	Gonzaga and Lal-lo		6,992	107	1987-May-13
	Casecnan River Watershed Reservation	Nueva Vizcaya, Quirino, and Aurora	Province of Nueva Vizcaya, Quirino and Aurora		85,219	136	1987-Aug-11
	Magat Watershed Reservation	Ifugao, Nueva Vizcaya, and Isabela	Province of Ifugao, Nueva Vizcaya and Isabela		4,300	573	1969-Jun-26
	Enrile-Amulong-Solana Forest Reserve	Cagayan	Enrile, Solana and Amulong		8,249	159	1967-Feb-13
	Dupax Watershed Reservation	Nueva Vizcaya	Dupax		425	720	1934-Aug-08
III - Central Luzon				**28**	**341,351**		
	Mangan Vaca Watershed Forest Reserve	Zambales	Subic		300	1607	2008-Aug-29
	Bulawan Falls Watershed Forest Reserve	Aurora	Dinalungan		986	395	1994-May-30
	Diaat River Watershed Forest Reserve	Aurora and Nueva Vizcaya	Maria Aurora, Dupax		3,219	399	1994-May-24
	Bazal River Watershed Forest Reserve	Aurora	Maria Aurora		4,403	402	1994-Jun-02
	Umiray River Watershed Reservation	Quezon, Bulacan, and Rizal	Gen. Nakar, Norzagaray, and Montalban		16,723	264	1993-Sept-28
	Pinamacan River Watershed Forest Reserve	Aurora	Dilasag		2,905	236	1993-Aug-23
	Pacugao River Watershed Forest	Aurora and Nueva Vizcaya	Maria Aurora, Dupax del Norte		3,247	110	1992-Nov-23
	San Luis Watershed Forest Reserve	Aurora	San Luis		2,789	109	1992-Nov-23
	Dibalo-Pingit-Zabali-Malayat Watershed Forest Reserve	Aurora	Baler and San Luis		4,528	908	1992-May-25
	Simbahan-Talagas River Watershed Forest Reserve	Aurora	Dinalungan		2,266	905	1992-May-22
	Dinadiawan River Watershed Forest Reserve	Aurora	Dipaculao		3,387	918	1992-May-09
	Subic Watershed Forest Reserve	Bataan	Province of Bataan		10,000	926	1992-Jun-25
	Calabgan Watershed Forest Reserve	Aurora	Casiguran		4,803	915	1992-Jun-01
	Dingalan River Watershed Forest Reserve	Aurora	Dingalan		1,788	23	1992-Aug-24
	Diteki River Watershed Forest Reserve	Aurora	Maria Aurora, San Luis		12,970	20	1992-Aug-24
	Talaytay River Watershed Forest Reserve	Aurora	Dinalungan		3,528	670	1990-Dec-03
	Amro River Watershed Forest Reserve	Aurora	Casiguran and Dilasag		6,470	633	1990-Aug-28

Continued

Table 1.5
LIST OF PROCLAIMED WATERSHEDS BY REGION *(continued)*
As of 2015
(Area in hectares)

Region	Name of Reservation	Location		Total Count	Area	Proclamation	
		Province	City/Municipality			No.	Date
	Dona Remedios Trinidad-General Tinio Watershed Forest Reserve	Nueva Ecija, Nueva Vizcaya, and Bulacan	Dona Remedios Trinidad, General Tinio		20,760	230	1988-Mar-23
	Olongapo Watershed Forest Reserve	Zambales	Olongapo City		6,335	238 Amended by 66	1987-Mar-20
	Dipaculao Watershed Forest Reserve	Aurora	Dipaculao		1,786	116	1987-Jun-10
	Pantabangan-Carranglan Watershed Reserve	Nueva Ecija	Pantabangan, Carranglan		84,500	561	1969-May-21
	Angat River-Bustos Dam Forest Reserve	Bulacan	Province of Bulacan		28,550	574	1969-Jun-27
	Peñaranda River Forest Reserve	Nueva Ecija	Gen. Tinio (Papaya)		14,888	573	1969-Jun-26
	Angat Watershed and Forest Range (Pilot)	Bulacan, Rizal, and Nueva Ecija	Norzagaray, San Jose, Montalban		6,600	391	1968-Apr-30
	Talavera Watershed Reservation	Nueva Ecija, Nueva Vizcaya, and Bulacan	Sta. Fe, Carranglan, Lupao San Jose, Pantabangan		37,156	350 Amended by 244	1938-Dec-12 1956-Nov-17
	Aurora Watershed Forest Reserve	Aurora	Baler		430	34	1936-Feb-04
	Angat Watershed Forest Reserve	Bulacan, Rizal, and Nueva Ecija	Montalban, San Jose, Norzagaray, Angat, San Rafael, Penaranda and Infanta		55,709	71 Amended by 505	1927-Mar-10 1965-Dec-04
	Watershed Purposes of Mariveles (Palanas)	Bataan	Mariveles		325	E.O. 20	1919-Feb-25
IVA - CALABARZON				**15**	**77,521**		
	Panukulan Watershed Forest Reserve	Quezon	Panukulan		179	290	1993-Nov-06
	Binahaan River Watershed Forest Reserve	Quezon	Pagbilao and Mauban		465	735	1991-May-29
	Alabat Watershed Forest Reserve	Quezon	Alabat		688	156	1987-Sept-18
	Makiling Banahaw Watershed Reservation	Laguna, Quezon, and Batangas	Cavinti, Sarlaya, Cuenca, Canlubang		162	1111	1973-Feb-21
	Caliraya-Lumot Watershed Reservation	Laguna	Lumban, Kalayaan and Cavinti		10,771	573	1969-Jun-26
	Kaliwa River Forest Reserve	Quezon	General Nakar and Infanta		35,150	573	1969-Jun-26
	Infanta Watershed Forest Reserve	Quezon	Infanta		384	158	1967-Feb-13
	Polilio Watershed Forest Reserve	Quezon	Polilio		130	72	1966-Aug-09
	Lopez Watershed Forest Reserve	Quezon	Lopez		418	566	1940-Jun-22
	Calauag Watershed Forest Reserve	Quezon	Calauag		328	367	1939-Jan-02
	Maulawin Spring Watershed Forest Reserve	Quezon	Guinayangan		204	365	1939-Jan-02
	Mulanay Watershed Forest Reserve	Quezon	Mulanay		26	296	1938-Jul-21
	Tibiang-Damagandong Watershed Forest Reserve	Quezon	Quezon		280	295	1938-Jul-21
	Buenavista Watershed Forest Reserve	Quezon	Mulanay		356	166	1937-Jun-27
	Marikina Watershed Reservation	Rizal	Antipolo, Montalban		27,980	…	1904-Jul-26
MIMAROPA				**6**	**8,748**		
	Ipil River Watershed Forest Reserve	Romblon	San Fernando		686	394	1994-May-30

Continued

Table 1.5
LIST OF PROCLAIMED WATERSHEDS BY REGION *(continued)*
As of 2015
(Area in hectares)

Region	Name of Reservation	Location		Total Count	Area	Proclamation	
		Province	City/Municipality			No.	Date
	Naampias River Watershed Forest Reserve	Marinduque	Torrijos		417	357	1994-Apr-20
	Palawan Flora, Fauna & Watershed Reserve	Palawan	Puerto Princesa		4,776	2221	1982-Jul-14
	Calatrava-San Andres-San Agustin Watershed Forest Reserve	Romblon	Calatrava, San Andres, San Agustin		2,670	2186	1982-Apr-29
	Bacuit Watershed Forest Reserve	Palawan	Bacuit		94	785	1935-Mar-28
	Torrijos Watershed Forest Reserve	Marinduque	Torrijos		105	463	1932-Apr-06
V - Bicol Region				**14**	**98,756**		
	Jose Panganiban Watershed Forest Reserve	Camarines Norte	Jose Panganiban		1,160	1151	1998-Jan-09
	Diwata Watershed Forest Reserve	Masbate	San Fernando		350	370	1994-May-02
	Matang-Tubig Watershed Forest Reserve	Masbate	Monreal		1,305	368	1994-May-02
	Tugbo Watershed Forest Reserve	Masbate	Mobo, Masbate		247	369	1994-May-02
	Mt. Masaraga Watershed Forest Reserve	Albay	Polangui, Oas, Ligao, Tabaco		810	84	1992-Oct-27
	Magallanes and Juban Watershed Forest Reserve	Sorsogon	Magallanes, Juban		1,032	108	1992-Nov-23
	Abasig-Matogdon-Mananap Watershed Forest Reserve	Camarines Norte	Labo, San Lorenzo Ruiz and San Vicente		5,545	836	1991-Nov-18
	Catanduanes Watershed Forest Reserve	Catanduanes	Virac, Bato, San Miguel, Pandan, Calolbon, Baras		26,010	123	1987-Jun-23
	Bacon Manito Watershed Geothermal Reservation	Albay and Sorsogon	Bacon, Manito		25,000	2036-A Amended by EO 837	1980-Nov-11 1982-Oct-14
	Tiwi Watershed Reservation	Albay	Malinao and Tiwi		17,661	739	1970-Aug-14
	Buhi-Barit Watershed Reservation	Camarines Sur	Buhi, Sangay and Iriga		18,370	573	1969-Jun-26
	Capalonga Watershed Forest Reserve	Camarines Norte	Capalonga		752	128	1966-Nov-25
	Dahican Watershed Forest Reserve	Camarines Norte	Mambulao		44	592	1933-Jun-23
	Lagonoy Watershed Forest Reserve	Camarines Sur	Lagonoy		470	500	1932-Sept-26
VI - Western Visayas				**8**	**69,851**		
	Kabankalan Watershed Forest Reserve	Negros Occidental	Kabankalan		432	820	1991-Oct-25
	Aklan River Watershed Forest Reserve	Aklan	Madalag and Libucao		23,185	600	1990-Jun-28
	Dalanas River Watershed Forest Reserve	Antique	Barbaza		8,558	603	1990-Jun-28
	Ilog-Hilabangan Watershed Forest Reserve	Negros Occidental	Himamaylan and Kabankalan		10,211	602	1990-Jun-28
	Jalaur River Watershed Forest Reserve	Iloilo	Calinog		9,228	601	1990-Jun-28
	Pan-ay River Watershed Forest Reserve	Capiz	Tapaz		4,350	599	1990-Jun-28
	Tipulu-an Mau-it River Watershed Forest Reserve	Antique	Sibalom		7,737	605	1990-Jun-28

Continued

Table 1.5
LIST OF PROCLAIMED WATERSHEDS BY REGION *(continued)*
As of 2015
(Area in hectares)

Region	Name of Reservation	Location		Total Count	Area	Proclamation	
		Province	City/Municipality			No.	Date
	Maasin Watershed Forest Reserve	Iloilo	Maasin		6,150	16	1923-Feb-12
VII - Central Visayas				**5**	**96,927**		
	Wahig-Inabanga River Watershed Forest Reserve	Bohol	Pilar, Candijay, Alicia, Duero, Sierra, Bullones, Carmen, Dagohoy, Danao, Inabanga, Buenavista, Jetafe		52,516	468	1994-Sept-26
	Argao River Watershed Forest Reserve	Cebu	Argao and Dalaguete		7,250	414	1994-Jun-29
	Alijawan-Cansujay-Anibongan River Watershed Forest Reserve	Bohol	Duero, Jagna		3,630	881	1992-Mar-20
	Kotkot and Lusaran River Watershed Forest Reserve	Cebu	Cebu City, Danao City, Balamban, Compostela, Consolacion		14,121	932 Amended by 1074	1992-Jun-29 1997-Sept-02
	Loboc Watershed Forest Reserve	Bohol	Balilihan, Bilar, Batuan, Carmen, Garcia Hernandez		19,410	450	1953-Dec-23
VIII - Eastern Visayas				**9**	**30,599**		
	Patag-Gabas Watershed Forest Reserve	Leyte	Baybay		582	1202	1998-Apr-20
	Anas Watershed Forest Reserve	Biliran	Naval, Almeria, Culaba		1,142	763	1996-Mar-19
	Loog Watershed Forest Reserve	Samar	Basey		1,866	703	1995-Nov-28
	Catbalogan Watershed Forest Reserve	Samar	Catbalogan, Jiabong		804	413	1994-Jun-29
	Hinabian-Lawigan Watershed Reservation	Southern Leyte	Libagon, Hinunangan, St. Bernard and Silago		4,536	107	1992-Nov-23
	Jicontol Watershed Forest Reserve	Eastern Samar	Dolores and Can-avid		7,390	882	1992-Mar-26
	Bulosao Watershed Forest Reserve	Eastern Samar and Samar	Lawa-an, Marabut		4,055	106	1992-Dec-10
	Palompon Watershed Forest Reserve	Leyte	Palompon, Villaba		2,392	212	1988-Jan-29
	Pan-as Falls Hay-ban Watershed Forest Reserve	Samar	Catarman and Calbayog City		7,832	318	1967-Dec-15
IX - Zamboanga Peninsula				**4**	**11,456**		
	Ambogoc Watershed Forest Reserve	Zamboanga del Norte	Dapitan City		176	611	1995-Jun-23
	Siocon Watershed Forest Reserve	Zamboanga del Norte	Siocon		612	155	1987-Sept-18
	Pasonanca Watershed Forest Reserve	Zamboanga del Sur and Zamboanga del Norte	Brgy Upper Pasonanca, Dulian, Baluno, Capisun Zamboanga City		10,560	199	1987-Dec-17
	Buug Watershed Forest Reserve	Zamboanga del Sur	Buug		108	81	1966-Aug-09
X - Northern Mindanao				**3**	**371,386**		
	Muleta-Manupali Watershed Forest Reserve	Bukidnon	Lantapan and Pangantukan		61,500	127	1987-Jun-29
	Mahoganao Watershed Forest Reserve	Misamis Oriental	Cagayan		136	470	1932-Apr-29

Continued

Table 1.5
LIST OF PROCLAIMED WATERSHEDS BY REGION *(continued)*
As of 2015
(Area in hectares)

Region	Name of Reservation	Location		Total Count	Area	Proclamation	
		Province	City/Municipality			No.	Date
	Pulangi Watershed Reservation	Bukidnon	Impasugong, Cabanglasan, San Fernando, Lantapan, Maramag, Quezon, Valencia City and Malaybalay City		309,750	E.O 871	…
XI - Davao Region				**5**	**140,964**		
	Andap Watershed Forest Reserve	Davao del Norte	New Bataan		6,725	329	1994-Feb-14
	Baganga Watershed Forest Reserve	Davao Oriental	Baganga		114	195	1987-Dec-08
	Palinpinon Geothermal Watershed Reservation	Negros Oriental	Dumaguete, Siaton, Tanjay		133,000	1413 Amended by EO 223	1975-Apr-08 1987-Jul-16
	Mati Watershed Forest Reserve	Davao Oriental	Mati		890	222	1967-Jul-02
	Malagos Watershed Reservation	Davao del Sur	Guianga, Davao City		235	612	1933-Aug-31
XII - SOCCSKSARGEN				**5**	**272,759**		
	Kabulnan River Watershed Forest Reserve	Sultan Kudarat, Maguindanao, and South Cotabato	Esperanza, Isulan, Bagumbayan, Ninoy Aquino, Kalamansig, Palembang (Sultan Kudarat), Ampatuan (Maguindanao.), Lake Sebu (South Cotabato)		116,452	241	2000-Feb-08
	Koronadal Watershed Forest Reserve	South Cotabato	Marbel		1,137	607	1995-Jun-23
	Libungan Watershed Forest Reserve	Cotabato	Libungan, Alamada		52,820	563	1990-May-03
	Allah Watershed Forest Reserve	South Cotabato	Isulan, Banga, Surallah, Kiamba		92,450	2455	1985-Sept-24
	Sebu Watershed Forest Reserve	South Cotabato	Banga and Kiamba		9,900	65	1966-Aug-04
XIII - Caraga				**12**	**81,842**		
	Alamio River Watershed	Surigao del Sur	Cantilan		5,085	1747	2009-Mar-23
	Buyaan River Watershed	Surigao del Sur	Madrid		6,683	1747	2009-Mar-23
	Carac-an River Watershed	Surigao del Sur	Madrid		23,570	1747	2009-Mar-23
	Panikian River Watershed	Surigao del Sur	Carrascal		7,045	1747	2009-Mar-23
	Sipangpang Falls Watershed	Surigao del Sur	Cantilan		1,218	1747	2009-Mar-23
	Alfred Spring Watershed Forest Reserve	Agusan del Sur	Bunawan		100	1236	1998-May-29
	Taguibo River Watershed Forest Reserve	Agusan del Norte	Butuan City, Remedios Trinidad Romualdez and Cabadbaran		4,367	1076	1997-Sept-04
	Mt. Magdiwata Watershed Forest Reserve	Agusan del Sur	San Francisco		1,658	282	1993-Oct-25
	Adlay Watershed Forest Reserve	Surigao del Sur	Carrascal		27	291	1993-Nov-08
	Cabadbaran Watershed Forest Reserve	Agusan del Norte	Cabadbaran		16,025	834	1991-Nov-13
	Andanan River Watershed Forest Reserve	Agusan del Sur	Sibagat and Bayugan		15,097	734	1991-May-29
	Surigao Watershed Forest Reserve	Surigao del Norte	Sison, Malinao San Francisco		967	635	1990-Aug-29

Continued

Table 1.5
LIST OF PROCLAIMED WATERSHEDS BY REGION *(concluded)*
As of 2015
(Area in hectares)

Region	Name of Reservation	Location		Total Count	Area	Proclamation	
		Province	City/Municipality			No.	Date
ARMM				**2**	**182,354**		
	Lake Lanao Watershed Reservation	Lanao del Sur	Ditsaan-Ramain, Bubong,Buadipuso-Buntong, Molundo, Taraka, Maguing, Tamparan, Lumba-Bayabao, Poona-Bayabao, Masiu, Buteg, Lumbatan, Lumbayanagui, Bayang, Binidayan, Ganassi, Pualas, Madalum, Madamba, Bacolod Grande, Tugaya, Balindong, Marantao, Piagapo, Saguiaran and Marawi City		180,460	871	1992-Feb-26
	South Upi Watershed Forest Reserve	Maguindanao	South Upi		1,894	65	1987-Feb-20

Source: Department of Environment and Natural Resources, Forest Management Bureau, Philippine Forestry Statistics 2015

Table 1.6
LIST OF PRIORITY WATERSHEDS BY REGION
As of 2013
(Area in hectares)

Name of Watershed	No. of Watershed	Watershed Area	Location (Province)
Philippines	**143**	**4,326,439**	
CAR	**4**	**582,500**	
Chico River Watershed		330,000	Mt. Province, Ifugao, Kalinga, Apayao
Mallig River Watershed		45,580	Kalinga , Mt. Province
Abulog River Watershed		205,000	Apayao, Cagayan (Basin Wide)
Manucotae River Watershed		1,920	Cagayan , Apayao
I - Ilocos Region	**14**	**704,450**	
Bulu River Watershed		17,200	Ilocos Norte
Laoag River Basin, Magalis - Papa River Watershed, Cura River Watershed		69,700	Ilocos Norte
Vintar River Watershed		29,000	Ilocos Norte
Sta. Maria Watershed		16,400	Ilocos Sur
Buaya River Watershed		16,800	Ilocos Sur
Amburayan River Watershed and Chico-Paduquit River Watershed		99,300	Ilocos Sur, La Union, Benguet
Aringay River Watershed		27,300	La Union Benguet
Bued River Watershed		29,700	Pangasinan, La Union, Benguet
Dumuloc River Watershed		8,200	Pangasinan, Zambales
Agno River Watershed		228,400	Benguet, Pangasinan
Ambayoan River Watershed		5,900	Pangasinan, Nueva Vizcaya, Benguet
Dipalo River Watershed		4,200	Pangasinan, Nueva Ecija
Agno-Banawan River Watershed			Pangasinan
Agno-Sinucalan-Tuboy Watershed		152,350	Pangasinan, Benguet
II - Cagayan Valley	**8**	**524,350**	
Magat River Watershed		412,300	Nueva Vizcaya, Isabela, Ifugao
Baua River Watershed		5,000	Cagayan
Dummun River Watershed		20,600	Cagayan

Table 1.6 *(continued)*

Municipalities Covered	River Basin (RB) Covered	National Irrigation System (NIS)	Number of River	NIS Service Area
			163	**479,170**
			5	**20,153**
Bauko, Sabangan, Bontoc, Sagadam Sandangan & Barlig ; Tic & Hugdungan; Tanudan, Lubuagan, Tinglayan, Pinukpuk, Tabuk, Balbalan & Pasil; Coner	Cagayan RB	Lower Chico RIS Upper Chico RIS	2	19,407
Tanudan &Tabuk, Paracelis	Cagayan RB	Mallig RIS	1	
Calanasan, Kabugao, Pudtol. Flora & Coner ; Abulog	Abulog RB	Abulog-Apayao RIS	1	
Pamplona ; Luna	Pamplona RB	Pamplona RIS	1	746
			18	**37,554**
Bangui	Bulu RB	Bulu RIS	1	425
Sarrat, San Nicolas Laoag City, Espiritu, Nueva Era & Pinili	Laoag RB	Bonga Pump No. 1 Bonga Pump No. 2 Bonga Pump No. 3 Dingras RIS Cura RIS	3	1,016
Vintar, Burgos Bangui	Vintar RB	Laoag-Vintar RIS NMC Pasuquin RIS	2	2,377
Burgos, Santiago, Banyuyom, Lidlidia & San Emilio	Sta. Maria RB	Sta. Maria-Burgos RIS	1	919
Candon, Sta. Lucia, Gregorio del Pilar, Sta. Lucia Salcedo, Sta. Cruz, Suyo & Sigay	Buaya RB	Sta. Lucia-Candon RIS	1	1,592
Tagudin, Sugpon SudipenAtok, Kibungan. Bakun, Tublay, Kapangan & Bugias Suyo, Alilem, Sigay & Cervantes, Bakun	Amburayan RB	Amburayan RIS Tagudin RIS	1	3,420
Aringay, Tubao & Pugo, Sablan, Tuba & Baguio City	Aringay RB	Masalip RIS	1	1,453
San Fabian, San Jacinto, Pozorrubio & Sison, Pugo & Rosario, Tuba & Itogon	Bued RB	San Fabian RIS	1	2,288
Bugallon Sta. Cruz	Agno RB	Dumuloc RIS	1	1,360
Buguias, Kabayan, Bokod, La Trinidad, Itogon &Baguio City, Sta. Maria, San Nicolas, Sto. Tomas, Asingan, Tayug & San Manuel	Agno RB	Agno RIS	1	7,500
San Nicolas, Sta. Fe & Kayapa, Itogon	Agno RB	Ambayoan RIS ADRIS Extension	2	289
Umingan, Lupao	Agno RB	Dipalo RIS	1	2,252
	Agno RB	Lower Agno-	1	
San Manuel, Itogon	Sinucalan RB	Agno-Sinucalan RIS	1	12,663
			8	**102,471**
Sta. Fe, Kayapa, Bambang, Dupax del Norte, Dupax del Sur, Aritao, Bayombong, Solano, Bagabag & Diadi, Ramon, Naguilian, Ilagan & Gamu, Lagawe & Mayayao	Cagayan RB	Magat River Integrated Irrigation System (MARIS II)	1	88,370
Gonzaga	Baua RB	Baua RIS	1	2,419
Capissayan	Cagayan RB	Dummun RIS	1	1,802

Continued

Table 1.6
LIST OF PRIORITY WATERSHEDS BY REGION *(continued)*
As of 2013
(Area in hectare)

Name of Watershed	No. of Watershed	Watershed Area	Location (Province)
Pared River Watershed		20,950	Cagayan
Zinundangan River Watershed		21,500	Cagayan, Apayao
Pinacananuan de Tuguegarao River Watershed		12,920	Cagayan
Pinacananuan de San Pablo Watershed		13,450	Isabela
Pinacananuan de Tumauini River Watershed		17,630	Isabela
III - Central Luzon	**13**	**263,610**	
Tarlac River Watershed and Odonell		54,850	Tarlac, Zambales
Camiling River Watershed		8,580	Tarlac, Zambales
Upper Pampanga River Watershed and Pampanga-Coronnel River Watershed			Nueva Ecija
Caulaman River Watershed		1,800	Zambales, Pampanga
Nayom River Watershed		14,450	Zambales, Pangasinan
Cabaluan River Watershed		11,260	Zambales
Sto Tomas River Watershed		18,100	Zambales
Bucao River Watershed		55,320	Zambales
Porac-Gumian River Watershed		22,500	Pampanga
Angat- Maasim River Watershed		61,300	Bulacan, Pampanga
Angat-Ipo River Watershed		6,600	Bulacan, Rizal
Pinulot River Watershed		8,850	Bataan, Zambales
Dingalan Watershed			Aurora
IVA - CALABARZON	**24**	**223,670**	
Balanac River Watershed		6,660	Laguna, Quezon
Mabacan River Watershed		4,900	Laguna
Llano River Watershed		3,300	Laguna, Quezon
Sta. Cruz River Watershed		8,000	Laguna
San Antonio River Watershed		1,150	Laguna, Rizal, Quezon
NPC Tailrace &Lewin Creek		1,350	Laguna
Macabling River Watershed		30,630	Laguna
San Cristobal River Watershed		…	Laguna
San Juan River Watershed		…	Laguna, Batangas
Maragondon River Watershed		52,900	Cavite
Caisobo River Watershed		…	Cavite
Labac-Alemang River Watershed		…	Cavite

Table 1.6 *(continued)*

Municipalities Covered	River Basin (RB) Covered	National Irrigation System (NIS)	Number of River	NIS Service Area
Baggao, Penablanca	Cagayan RB	Baggao RIS	1	2,067
Sto. Nino, Kabugao	Cagayan RB	Zinundangan RIS	1	2,045
Penablanca, Maconacon	Cagayan RB	Pinacanuan RIS	1	880
San Pablo, Maconancon	Cagayan RB	San Pablo-Cabagan RIS	1	1,273
Tumauini, Cabagan, Divilacan, Maconacon	Cagayan RB	Tumauini RIS	1	3,615
			14	**60,494**
Capas,Bamban, Tarlac City, Botolan	Pampanga RB	Tarlac RIS Odonell RIS San Miguel RIS	3	13,976
Mayantoc, Candelaria,Masinloc	Agno RB	Camiling RIS	1	7,694
Pantabangan, Carangalan, Palayan City,Bongabon	Pampanga RB	UPRIS II UPRIS III	1	
San Marcelino,Castellijos & Subic, Floridablanca	Caulaman RB	Caulaman RIS	1	553
Sta Cruz, Infanta & Bugallon	Nayom RB	Nayom RIS	1	1,148
Sta Cruz & Candelaria	Cabaluan RB	Bayto RIS	1	
San Narciso	San Tomas RB	Santo Tomas RIS	1	3,924
Botolan, Cabangan, San Felipe, Iba & San Marcelino	Bucao RB	Bucao RIS	1	1,231
Porac & Floridablanca	Pampanga RB	Porac-Gumian RIS (2 intake)	1	
Angat,Norzagaray,San Ildefonso & San Rafael, San Luis	Pampanga RB	Angat-Maasim RIS	1	31,485
Norzagaray, San Jose del Monte, Rodriguez (Montalban)	Pampanga RB	Ipo Dam (MWSS)	1	(MWSS) domestic
Dinalupihan,Hermosa & Morong, Olongapo City & Subic	Pinulot RB	Colo RIS	1	483
Dingalan				
			35	**25,150**
Magdalena, Majayjay & Lusiana, Lucban	Pasig-Laguna de Bay RB	Balanac RIS	1	1,056
Calauan	Pasig-Laguna de Bay RB	Mabacan RIS	1	492
Sta.Maria, Siniloan, Real	Pasig Laguna De Bay RB	Mayor RIS	1	372
Sta. Cruz, Magdalena & Nagcarlan	Pasig Laguna De Bay RB	Sta. Cruz RIS	1	3,100
Sta. Maria, Tanay, Real	Pasig-Laguna de bay RB	Sta. Maria RIS	1	801
Lumban	Pasig-Laguna de Bay RB	Lumban RIS	1	102
	Pasig-Laguna de Bay RB	Macabling RIS	1	752
Cabuyao,Canlubang & Calamba, Silang & Tagaytay City	Pasig-Laguna de bay RB	Cabuyao East PIS San Cristobal RIS Diezmo RIS	3	575
Calamba, Sto. Tomas,Tanauan & Malvar	Pasig-Laguna de bay RB	San Juan RIS	1	509
Naic	Maragondon RB	Balaguyan A & B Dam	1	
Indang	Labac RB	Culong-culong Dam	1	1,701
Naic , Indang	Labac RB	Sahing Dam Bancud Dam	2	611

Continued

Table 1.6
LIST OF PRIORITY WATERSHEDS BY REGION *(continued)*
As of 2013
(Area in hectares)

Name of Watershed	No. of Watershed	Watershed Area	Location (Province)
Timalan River Watershed		…	Cavite
Canas River Watershed		…	Cavite
Ylang-ylang River Watershed		…	Cavite
Lasong Camachile River Watershed		…	Cavite
Imus River Watershed		…	Cavite
Zapote River Watershed		…	Cavite
Palico River Watershed		…	Batangas
Lagnas River Watershed		11,800	Quezon
Hanagdong River Watershed		1,860	Quezon
Dumacao River Watershed		1,360	Quezon
Agos River Watershed		8,500	Quezon, Rizal
Marikina River Watershed		91,260	Rizal
MIMAROPA	**10**	**189,825**	
Bansud River Watershed		7,000	Mindoro Oriental
Baco-Bucayao River Watershed		26,000	Mindoro Oriental, Mindoro Occidental
Pula River Watershed		12,970	Mindoro Oriental
Mag-asawang Tubig-Mapalo River Watershed		19,565	Mindoro Oriental, Mindoro Occidental
Pagbahan River Watershed		23,380	Mindoro Oriental, Mindoro Occidental
Amnay-Patrick River		20,750	Mindoro Oriental, Mindoro Occidental
Mongpong River Watershed		22,300	Mindoro Occidental
Cagaray River Watershed		12,900	Mindoro Oriental, Mindoro Occidental
Lumintao River Watershed		38,600	Mindoro Occidental
Malasgao River Watershed		6,360	Palawan
V - Bicol Region	**15**	**147,540**	
Ponso Watershed		10,090	Albay
Basay River Watershed		…	Albay
Nasisi River Watershed		…	Albay
Bublusan Watershed		…	Albay
Buhi-Iriga River Watershed		41,350	Camarines Sur, Albay
Nabua River Watershed		19,500	Camarines Sur
Daet River Watershed		6,320	Camarines Norte
Talisay River Watershed		2,820	Camarines Norte
Sipocot-Pulantuna Watershed		54,200	Camarines Sur
Pili River Watershed		2,680	Camarines Sur
Tigman River Watershed		8,990	Camarines Sur
Hinagyanan River Watershed		…	
Inainigan/Inarihan Watershed		…	

Table 1.6 *(continued)*

Municipalities Covered	River Basin (RB) Covered	National Irrigation System (NIS)	Number of River	NIS Service Area
Tanza	Timalan RB	Tres Cruses Dam	1	467
Gen. Trias, Tanza	Canas RB	Bayan Dam Plucena Dam Matanda A Dam Matanda B Dam	3	872
Imus, Gen. Trias, Dasmarinas	San Juan RB	Pasong Kastila Dam Butas Marcelo Dam San Agustin Dam Butas Navarro Dam	4	2,760
Gen. Trias	San Juan RB	Butas Lawang Bato Dam	1	2,853
Imus, Dasmarinas	Imus RB	Julian Dam Makuling Luksuhin Embarcadero Dam	4	632
Bacoor	Zapote RB	Molino	1	2,238
Tuy & Nasugbu	Lian RB	Palico RIS	1	443
Candelaria	Lagnas RB	Lagnas RIS	1	386
Candelaria &Sariaya	Janagdong RB	Hanagdong RIS	1	753
Tayabas	Dumacao RB	Dumacao RIS	1	329
Gen.Nakar,Infanta,Real, Tanay,Teresa	Agos RB	Agos RIS	1	2,227
Tanay, Montalban,Antipolo, Baras, Teresa	Pasig-Laguna De Bay RB	Wawa Dam	1	1,119
			10	**16,167**
Bongabong & Pinamalayan	Bansud RB	Bansud RIS	1	1,062
Baco, Naujan, San Teodoro, Sablayan & Sta. Cruz	Catuiran RB	Baco RIS	1	
Pinamalayan	Pula RB	Pula RIS	1	2,768
Naujan, Sablayan	Mag-asawang Tubig RB	Mag-asawang Tubig RIS	1	1,700
San Teodoro & Puerto Galera, Mamburao & Sta. Cruz	Pagbahan RB	Pagbahan RIS	1	1,005
Sta. Cruz & Sablayan, Baco & San Teodoro	Amnay RB	Amnay-Patrick RIS	1	1,331
Sablayan	Mongpong RB	Mongpong RIS	1	882
Mansalay & Bulalacao, San Jose	Cagaray RB	Caguray RIS	1	3,308
Sablayan	Lumintao RB	Lumintao RIS	1	1,504
Narra & Aborlan	Malasgao RB	Malasgao RIS	1	2,607
			16	**18,334**
Pulnagui & Oas	Bicol RB	Hibiga RIS	1	420
Ligao & Oas	Bicol RB	Mahaba RIS	1	566
Ligao & Guinobatan	Bicol RB	Nasisi RIS	1	780
Guinobatan & Camalig	Bicol RB	Ogsong RIS	1	180
Buhi, Nabua & Iriga City, Tiwi	Bicol RB	Buhi-Lalo RIS, Lake Buhi RIS (Buhi - Lalo)	2	4,984
Baao, Buhi & Iriga City	Bicol RB	Barit (Rida) RIS	1	2,224
Daet, San Vicente & Basud	Basud RB	Daet RIS	1	
Daet & San Vicente	Talisay RB	Talisay RIS	1	2,603
Libmanan, Sipocot, Lupi, Ragay & Dell Gallego	Bicol RB	Libmanan-Cabusao RIS	1	2,195
Pili	Bicol RB	Pili RIS	1	250
Calabanga & Tinambac	Bicol RB	THIRIS Tigman Dam	1	3,542
	Bicol RB	THIRIS Hinagyanan Da	1	
	Bicol RB	THIRIS Inarihan Dam	1	

Continued

Table 1.6
LIST OF PRIORITY WATERSHEDS BY REGION *(continued)*
As of 2013
(Area in hectares)

Name of Watershed	No. of Watershed	Watershed Area	Location (Province)
Sabang River Watershed		…	Sorsogon
Tubugan River Watershed		1,590	Sorsogon
VI - Western Visayas	**11**	**357,116**	
Tipuluan River Watershed		61,600	Antique
Mambusao River Watershed		31,630	Capiz, Aklan
Aganan River Watershed		11,300	Iloilo
Barotac Viejo River Watershed		9,150	Iloilo
Jalaur River Watershed		107,700	Iloilo
Jalaur-Suage River Watershed		17,480	Iloilo
Sibalom River Watershed		11,400	Iloilo
Tigum River Watershed		19,200	Iloilo, Antique
Bago River Watershed		62,500	Negros Occidental
Pagiplan River Watershed		1,756	Negros Occidental
Ibajay River Watershed		23,400	Aklan
VII - Central Visayas	**2**	**27,233**	
Caruod Watershed		21,497	Bohol
Matutinao Watershed		5,736	Cebu
VIII - Eastern Visayas	**11**	**71,460**	
Magon-Bucan River Watershed		4,500	Leyte
Bao River Watershed		5,800	Leyte
Binahaan River Watershed		21,910	Leyte
Bito River Watershed		11,380	Leyte
Daguitan River Watershed		4,300	Leyte
Gibuga River Watershed		5,400	Leyte
Guinarona River Watershed		1,450	Leyte
Mainit River Watershed		3,150	Leyte
Pongso River Watershed		4,020	Leyte
Palo River Watershed		2,350	Leyte
Salug River Watershed		7,200	Leyte
IX - Zamboanga Peninsula	**3**	**132,360**	
Dipolo River Watershed		67,200	Zamboanga del Sur
Labangan-Pulusan-Lantian-Tiwagan River Watershed		43,360	Zamboanga del Sur
Sibuguey-Dipili Rivers		21,800	Zamboanga del Sur
X - Northern Mindanao	**4**	**83,950**	
Manupali River		13,850	Bukidnon
Muleta-Kulaman River Watershed		21,450	Bukidnon
Roxas Kuya River Watershed		9,300	Bukidnon
Dipolo-Maranding River Watershed		39,350	Lanao del Norte

Table 1.6 *(continued)*

Municipalities Covered	River Basin (RB) Covered	National Irrigation System (NIS)	Number of River	NIS Service Area
	Sabang RB	San Francisco RIS	1	
Bulan, Irosin & Matnog	Tubugan RB	San Ramon RIS	1	590
			11	**54,650**
Sibalom & San Jose	Sibalom RB	Sibalom-San Jose RIS	1	5,065
Sapian, Jamindan & Mambusao, Altavas	Panay RB	Mambusao RIS	1	1,423
Alimodian & Maasin	Jaro RB	Aganan RIS	1	4,863
Barotac Viejo, Lemery & A-juy	Barotac Viejo RB	Barotac-Viejo RIS	1	1,774
Dingle, Pototan, Janiuay, Passi, Dueñas, Calinog, Lambunao, Anilao, Banate & Barotac Viejo	Jalaur RB	Jalaur RIS	1	11,560
Janiuay, Maasin, Cabatuan & Lucena	Jalaur RB	Suage RIS	1	2,916
Leon, Alimodian & Tigbauan	Sibalom-Tigbauan RB	Sibalom-Tigbauan RIS	1	2,020
Cabatuan, Maasin & Janiuay, Valderama & San Remigio	Jaro RB	Sta. Barbara RIS	1	3,399
Bago, Murcia, Talisay, San Carlos & Calatrava	Bago RB	Bago RIS	1	12,700
Binalbagan	Binalbagan RB	Pagiplan RIS	1	8,030
Ibajay	Ibajay RB	Panukayan RIS	1	900
			2	**0**
Ubay, Mabini, Aklan			1	0
Badiana, Alegria, Malabuyoc, Ahoy, Dalaguete			1	0
			11	**15,600**
La Paz, Macarthur & Inayupan	Mayo RB	Balire North RIS	1	300
Ormoc City, Kananga, Capoocan & Cariagara	Bao RB	Bao RIS	1	1,917
Ormoc City, Jaro, Pastrana & Dagami	Quilot RB	Binahaan South RIS Binahaan North RIS Lower Binahaan RIS	1	4,402
Inayopan, Abuyog & Baybay	Biot RB	Bito RIS	1	1,411
Burauen, Albuera & Dagami	Daguitan RB	Daguitan RIS	1	850
Burauen, Julita, Dulag, La Paz & Sta. Cruz	Gibuga RB	Gibuga RIS	1	738
Dagami & Burauen	Guinarona RB	Guinarona RIS	1	646
Carigara, Jaro & Alangalang	Sapaniton RB	Mainit RIS	1	2,186
Carigara, Barugo, Tunga & Ormoc City	Himonglos RB	Pongso RIS	1	800
Palo, Jaro, Sta. Fe, Alangalang, Tacloban City	Palo RB	Suong-Tibak RIS	1	1,630
Hindang, Hilongos & Inopacan	Salug RB	Hindang-Hilogos RIS	1	720
			4	**15,162**
Molave	Dipolo RB	Dipolo Dam (RIS) Salug RIS	2	8,824
	Labangan RB	Labangan RIS	1	3,195
	Sibuguey RB	Sibuguey Valley RIS	1	3,143
			4	**14,208**
	Mindanao RB	Manupali RIS	1	4,395
Pangantukan & Maramag	Mindanao RB	Muleta RIS	1	4,063
Maramag	Mindanao RB	Roxas Kuya RIS	1	823
Nuñungan & Kapatagan	Maranding	Maranding RIS	1	4,927

Continued

Table 1.6
LIST OF PRIORITY WATERSHEDS BY REGION *(continued)*
As of 2013
(Area in hectares)

Name of Watershed	No. of Watershed	Watershed Area	Location (Province)
XI - Davao Region	**8**	**316,150**	
Batutu Watershed		10,500	Compostela Valley
Libuganon River Watershed		74,730	Davao del Norte, Compostela Valley
Saug River Watershed		41,100	Davao del Norte, Compostela Valley
Lasang River Watershed		39,450	Davao del Norte
Matanao River Watershed		35,400	Davao del Sur
Padada River Watershed		81,850	Davao del Sur, North Cotabato
Sumlog River Watershed		25,540	Davao Oriental, Davao del Norte
Buayan-Tinagacan Rivers		7,580	Davao del Sur, Sarangani, South Cotabato
XII - SOCCSKSARGEN	**9**	**476,015**	
Kabacan River Watershed		74,000	North Cotabato
Libungan River Watershed		51,700	North Cotabato
M'lang River Watershed		20,100	North Cotabato
Malasila River Watershed		31,200	North Cotabato
Allah River Watershed		158,290	South Cotabato
Banga River Watershed		28,800	South Cotabato
Silway River Watershed		53,300	South Cotabato
Palian River Watershed		20,675	South Cotabato
Alip River Watershed		37,950	Sultan Kudarat
XIII - Caraga	**6**	**208,060**	
Cabadbaran River Watershed		7,350	Agusan del Norte
Taguibo River		8,430	Agusan del Norte
Andanan River Watershed		19,200	Agusan del Sur
Simulao River Watershed		42,900	Agusan del Sur, Surigao del Sur
Caracan River Watershed		12,180	Surigao del Sur, Agusan del Norte
Tago River Watershed		118,000	Surigao del Sur, Agusan del Sur
ARMM	**1**	**18,150**	
Gata River Watershed		18,150	Lanao del Sur

Source : Department of Environment and Natural Resources, Forest Management Bureau

Table 1.6 ***(concluded)***

Municipalities Covered	River Basin (RB) Covered	National Irrigation System (NIS)	Number of River	NIS Service Area
			8	**29,904**
Compostela	Agusan RB	Batutu RIS	1	3,269
Kapalong, Sto. Tomas, Asuncion, San Vicente, New Correla, Tagum City, Nabunturan, Moncayo & Montevista	Tagum-Libuganon RB	Libuganon RIS	1	9,000
Kapalong, Asuncion, Nabunturan	Saug RB	Saug RIS	1	3,900
Kapalong, Panbo, Davao City	Lasang RB	Lasang RIS	1	4,450
Digos	Matanao RB	Mal RIS	1	2,613
Digos, Makilala	Padada RB	Padada RIS	1	3,512
Lupon, Banay-banay & Mati, Panutukan	Sumlog RB	Lupon RIS	1	2,450
Malalag, Sta. Maria & Malita, Malungon, Alabel, Polomolok, Gen. Santos City	Buayan RB	Buayan RIS	1	710
			10	**48,411**
Kabacan & Kidapawan	Mindanao RB (Liguasan Marsh)	Kabacan-Pagalungan RIS	1	4,428
Libungan	Mindanao RB	Libungan RIS	1	4,496
M'lang & Makilala	Mindanao RB (Liguasan Marsh)	M'lang RIS	1	2,981
Tuluran & Makilala	Mindanao RB (Liguasan Marsh)	Malasila RIS	1	4,006
T'boli, Norala, Surallah	Mindanao RB	Allah 1 RIS Allah II Lambayong RIS	2	23,355
Banga	Mindanao RB	Banga RIS	1	2,682
Dadiangas, Polomolok & Koronadal	Silway-Klinan RB	Silway RIS	1	1,406
Marbel & Tupi	Mindanao RB	Marbel RIS 1 & 2	1	3,557
Columbio, Lutayan	Mindanao RB	Alip RIS	1	1,500
			6	**18,412**
Cabadbaran	Cabadbaran RB	Cabadbaran RIS	1	3,213
Butuan City & Cabadbaran	Agusan RB	Taguibo RIS	1	2,158
Bayugan	Agusan RB	Andanan RIS	1	5,000
Bunawan & Trento, Bislig & Lingig	Agusan RB	Simulao RIS	1	2,540
Madrid, Jagupit	Caracan RB	Cantilan RIS	1	1,785
Tago, Cagwit, Bayugan	Tago RB	Tago RIS	1	3,716
			1	**2,500**
Maguing & Lumba-Bayabaao	Gata RB Lake Lanao	Rugnan RIS	1	2,500

Table 1.7.1
AREA DISTRIBUTION OF EROSION CLASSES BY ISLAND GROUPINGS
1991
(In million hectares)

Island Grouping	Erosion Class										Total	
	No Apparent Erosion (EO)		Slight Erosion (E1)		Moderate Erosion (E2)		Severe Erosion (E3)		Unclassified Erosion* (EU)			
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
Philippines	**7.1**	**24.00**	**9.0**	**30.00**	**8.5**	**28.00**	**5.1**	**17**	**0.3**	**1.00**	**30.0**	**100.00**
Luzon	4.1	57.23	4.1	45.19	4.1	48.68	1.7	33.63	0.2	47.40	14.1	47.10
Visayas	1.2	17.40	1.7	19.38	1.4	17.03	1.1	22.16	0.1	37.52	5.7	18.90
Mindanao	1.8	25.37	3.2	35.42	2.9	34.29	2.2	44.21	0.0	15.08	10.2	34.00

*****Unclassified erosion refers to quary, river wash and open pit mines.

Source: Crop Development & Soils Conservation Framework, Bureau of Soils and Water Management

Table 1.7.2
AREA DISTRIBUTION OF EROSION CLASSES BY ISLAND GROUPINGS
1993
(In million hectares)

Island Grouping	Erosion Class										Total	
	No Apparent Erosion (EO)		Slight Erosion (E1)		Moderate Erosion (E2)		Severe Erosion (E3)		Unclassified Erosion* (EU)			
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
Philippines	**7.1**	**23.70**	**8.8**	**29.40**	**8.5**	**28.30**	**5.2**	**17.3**	**0.4**	**1.30**	**30.0**	**100.00**
Luzon	4.1	57.7	4.1	46.6	4.1	48.2	1.7	32.7	0.2	50.0	14.2	47.0
Visayas	1.2	16.9	1.7	19.3	1.5	17.0	1.1	21.2	0.1	25.0	5.6	19.0
Mindanao	1.8	24.5	3.0	34.1	2.9	34.1	2.4	46.1	0.1	25.0	10.2	34.0

*****Unclassified erosion refers to quary, river wash and open pit mines.

Source: Bureau of Soils and Water Management, 2013 Land Degradation in the Philippines

Table 1.8
LAND COVER CLASSIFICATIONS
2010
(In hectares)

Region/Province	Forest			Other Wooded Land		
	Closed	Open	Mangrove	Fallow	Shrubs	Wooded Grassland
Philippines	**1,934,032**	**4,595,154**	**310,531**	**7,247**	**3,355,180**	**3,829,046**
NCR	**0**	**2,008**	**115**	**0**	**346**	**962**
Metro Manila	0	2,008	115	0	346	962
CAR	**255,552**	**517,640**	**0**	**128**	**284,093**	**320,913**
Abra	43,316	103,384	0	100	56,117	128,551
Apayao	118,982	99,358	0	18	95,347	29,749
Benguet	3,196	116,430	0	0	10,281	67,829
Ifugao	13,692	88,705	0	0	24,019	44,715
Kalinga	48,888	49,974	0	10	57,981	36,475
Mt. Province	27,478	59,787	0	0	40,348	13,594
I - Ilocos Region	**18,390**	**105,060**	**1,028**	**111**	**162,373**	**306,945**
Ilocos Norte	14,266	53,583	0	16	66,118	69,137
Ilocos Sur	78	31,723	211	94	29,900	93,609
La Union	0	5,760	120	1	24,776	50,864
Pangasinan	4,046	13,993	697	0	41,579	93,335
II - Cagayan Valley	**485,262**	**553,344**	**5,902**	**112**	**117,027**	**331,218**
Batanes	0	1,819	0	0	8,268	1,208
Cagayan	206,475	131,341	5,179	0	35,236	117,452
Isabela	69,444	308,106	723	97	35,294	69,763
Nueva Vizcaya	122,615	71,093	0	15	3,932	125,803
Quirino	86,729	40,986	0	0	34,297	16,992
III - Central Luzon	**225,352**	**294,331**	**955**	**1,355**	**151,950**	**216,924**
Aurora	132,548	85,518	521	12	26,173	11,982
Bataan	10,618	20,791	208	0	9,194	8,166
Bulacan	35,266	23,387	0	1,311	7,338	21,287
Nueva Ecija	9,530	65,074	0	0	31,605	66,811
Pampanga	773	6,607	85	0	1,893	15,496
Tarlac	5,407	29,435	0	33	22,183	51,919
Zambales	31,209	63,519	140	0	53,564	41,263
IVA - CALABARZON	**69,544**	**181,226**	**18,937**	**1,051**	**242,444**	**48,566**
Batangas	334	2,761	413	0	29,544	6,137
Cavite	0	2,305	150	0	13,513	5,050
Laguna	1,234	15,193	0	0	37,727	9,612
Quezon	63,838	148,285	18,374	1,051	128,735	2,342
Rizal	4,139	12,682	0	0	32,926	25,424
MIMAROPA	**97,810**	**744,530**	**73,324**	**29**	**521,609**	**255,536**
Marinduque	0	12,255	2,877	0	14,652	5,160
Occidental Mindoro	1,968	101,424	1,594	0	141,738	86,649
Oriental Mindoro	5,301	77,731	3,949	0	41,983	24,995
Palawan	86,877	541,590	63,821	29	294,731	125,728
Romblon	3,664	11,529	1,084	0	28,506	13,003
V - Bicol Region	**39,646**	**143,416**	**24,953**	**110**	**187,297**	**102,873**
Albay	11,196	29,831	1,072	0	9,354	4,660
Camarines Norte	9,466	15,079	3,559	0	42,013	32,403
Camarines Sur	8,221	45,861	7,264	0	58,076	10,759
Catanduanes	10,763	32,249	1,995	0	56,618	2,063
Masbate	0	140	6,638	0	18,926	51,656
Sorsogon	0	20,256	4,425	110	2,309	1,332
VI - Western Visayas	**67,167**	**110,146**	**10,006**	**221**	**327,274**	**346,618**
Aklan	12,599	23,098	702	0	30,429	72,460
Antique	20,380	31,223	792	18	20,872	125,342
Capiz	14,728	6,865	1,399	0	53,447	18,034
Guimaras	0	0	776	0	5,921	1,795
Iloilo	2,954	21,397	1,316	10	106,152	64,725
Negros Occidental	16,506	27,563	5,021	193	110,454	64,262

Table 1.8 *(continued)*

Agricultural		Fishpond	Built up Area	Other Natural Land			Inland Water	Grand Total
Annual Crop	Perennial Crop			Barren Land	Grassland	Marshland		
6,275,993	**6,168,360**	**244,968**	**692,079**	**97,303**	**1,431,342**	**131,499**	**481,421**	**29,554,156**
655	**26**	**1,090**	**51,618**	**5**	**1,466**	**35**	**1,231**	**59,556**
655	26	1,090	51,618	5	1,466	35	1,231	59,556
230,121	**2,192**	**0**	**15,829**	**13,101**	**135,559**	**0**	**23,716**	**1,798,843**
29,748	434	0	2,035	6,946	19,379	0	7,630	397,640
40,277	565	0	2,125	1,580	3,451	0	4,547	396,000
32,545	0	0	5,891	897	15,822	0	2,606	255,495
55,044	172	0	2,145	720	31,325	0	5,438	265,974
42,487	275	0	1,814	2,949	42,735	0	2,244	285,833
30,019	745	0	1,819	10	22,848	0	1,252	197,900
414,386	**56,639**	**18,999**	**60,376**	**14,898**	**79,481**	**71**	**20,735**	**1,259,491**
82,413	2,393	71	5,717	8,689	29,588	**0**	5,201	337,193
63,480	1,455	343	8,244	2,561	19,547	**0**	4,514	255,758
49,977	1,077	1,574	8,315	1,308	216	**0**	1,692	145,681
218,517	51,714	17,011	38,100	2,341	30,130	71	9,327	520,859
839,214	**39,167**	**1,565**	**48,214**	**10,635**	**162,856**	**1,734**	**35,787**	**2,632,037**
1,641	0	0	156	95	6,858	0	6	20,049
230,489	17,517	1,565	20,062	5,692	95,239	1,701	15,164	883,110
498,829	8,592	0	21,632	1,429	11,457	33	15,137	1,040,536
51,660	3,573	0	3,019	2,765	32,258	0	2,260	418,994
56,595	9,486	0	3,345	655	17,044	0	3,221	269,349
729,421	**105,455**	**61,257**	**103,712**	**11,706**	**164,529**	**1,129**	**47,611**	**2,115,687**
19,741	21,540	69	2,072	2,347	2,465	0	2,299	307,287
30,534	24,420	5,256	6,846	132	14,916	233	689	132,002
88,855	23,189	24,388	26,519	…	2,148	6	4,790	258,484
288,527	4,919	0	21,055	1,231	43,502	0	10,681	542,937
108,257	6,271	29,634	27,845	1,027	4,726	890	4,518	208,022
151,356	9,030	101	11,570	…	13,349	0	7,520	301,902
42,151	16,086	1,809	7,805	6,970	83,422	0	17,113	365,053
247,821	**585,941**	**9,856**	**114,784**	**2,751**	**39,730**	**0**	**127,721**	**1,690,372**
92,697	131,260	841	27,703	671	2,684	0	24,116	319,159
32,150	29,889	917	33,489	153	9,962	0	216	127,794
31,990	39,800	51	27,954	47	3,720	0	94,222	261,550
82,912	376,560	8,023	8,400	1,337	8,890	0	8,347	857,093
8,071	8,432	25	17,238	542	14,475	0	820	124,774
286,060	**412,560**	**10,211**	**30,709**	**11,079**	**215,151**	**7**	**31,270**	**2,689,884**
8,357	40,197	580	1,791	1,300	4,635	0	775	92,580
86,122	5,699	4,696	5,583	6,686	140,893	0	7,682	590,734
78,160	147,448	2,828	8,564	1,144	17,694	0	16,281	426,079
101,201	175,460	1,698	13,642	1,788	36,038	7	5,965	1,448,575
12,220	43,755	408	1,128	161	15,891	0	568	131,916
322,077	**718,325**	**17,571**	**32,262**	**9,551**	**119,370**	**421**	**17,903**	**1,735,776**
47,247	115,421	502	10,286	2,963	6,634	337	1,892	241,396
22,303	72,335	4,245	5,531	596	2,855	0	1,893	212,279
123,546	235,165	2,498	8,346	189	22,139	40	9,277	531,381
9,262	26,451	307	1,709	198	3,191	0	1,330	146,137
97,548	127,628	7,099	2,327	4,983	80,973	44	1,454	399,415
22,171	141,326	2,919	4,063	621	3,579	0	2,057	205,169
812,739	**153,517**	**60,308**	**34,068**	**8,351**	**63,529**	**0**	**16,055**	**2,010,001**
15,756	8,706	7,581	3,336	593	4,101	0	1,907	181,267
42,498	8,367	319	2,726	1,944	12,239	0	5,458	272,178
118,403	17,626	20,979	2,450	…	1,504	0	1,183	256,617
15,058	34,206	1,430	468	12	19	0	42	59,728
186,614	35,772	13,938	10,306	3,982	15,729	0	3,442	466,337
434,410	48,839	16,062	14,782	1,820	29,937	0	4,023	773,874

Continued

Table 1.8
LAND COVER CLASSIFICATIONS *(continued)*
2010
(In hectares)

Region/Province	Forest			Other Wooded Land		
	Closed	Open	Mangrove	Fallow	Shrubs	Wooded Grassland
VII - Central Visayas	**11,464**	**35,798**	**14,804**	**545**	**272,224**	**205,686**
Bohol	0	10,267	10,622	0	61,947	29,985
Cebu	8,723	2,650	3,034	0	117,123	20,746
Negros Oriental	2,741	22,074	1,051	545	86,365	150,902
Siquijor	0	806	96	0	6,789	4,054
VIII - Easten Visayas	**45,948**	**426,863**	**41,654**	**165**	**193,051**	**283,181**
Biliran	0	8,383	286	0	3,277	192
Eastern Samar	21,828	156,539	7,834	131	26,480	37,278
Leyte	17,170	52,773	8,279	0	59,721	57,299
Northern Samar	0	35,494	10,787	0	34,563	889
Western Samar	3,748	147,835	13,880	0	27,191	148,900
Southern Leyte	3,202	25,839	589	34	41,818	38,623
IX - Zamboanga Peninsula	**29,906**	**120,488**	**26,523**	**0**	**112,464**	**221,431**
Zamboanga del Norte	9,032	73,133	592	0	61,554	85,928
Zamboanga del Sur	18,352	21,516	11,914	0	35,614	116,169
Zamboanga Sibugay	2,523	25,839	14,018	0	15,297	19,335
X - Northern Mindanao	**173,962**	**197,517**	**6,379**	**4**	**136,208**	**169,414**
Bukidnon	125,361	76,961	0	0	60,082	121,735
Camiguin	3,994	1,705	19	0	37	324
Lanao del Norte	11,934	52,122	2,328	0	33,851	11,607
Misamis Occidental	23,859	16,146	3,739	4	3,917	9,376
Misamis Oriental	8,814	50,583	293	0	38,321	26,370
XI - Davao Region	**160,083**	**265,754**	**2,879**	**21**	**252,222**	**273,426**
Compostela Valley	54,106	90,338	209	0	68,799	36,927
Davao del Norte	10,149	42,327	670	0	53,683	33,716
Davao del Sur	17,570	50,891	132	0	34,960	160,713
Davao Oriental	78,258	82,198	1,868	21	94,781	42,070
XII - SOCCSKSARGEN	**54,247**	**193,202**	**1,601**	**0**	**115,943**	**444,211**
North Cotabato	7,896	31,381	670	0	34,231	117,141
Sarangani	1,776	38,037	147	0	24,145	91,128
South Cotabato	26,465	37,839	24	0	26,507	143,554
Sultan Kudarat	18,111	85,945	760	0	31,060	92,388
XIII - Caraga	**99,812**	**557,402**	**25,898**	**3,396**	**193,566**	**209,208**
Agusan del Norte	2,217	47,433	1,231	0	21,106	42,320
Agusan del Sur	57,208	285,529	0	3,396	87,463	122,683
Dinagat Islands	5,641	19,418	2,360	0	16,702	19,058
Surigao del Norte	7,139	14,896	13,234	0	34,664	14,491
Surigao del Sur	27,606	190,127	9,072	0	33,632	10,656
ARMM	**99,889**	**146,431**	**55,574**	**0**	**85,087**	**91,934**
Basilan	11,442	1,003	8,875	0	7,012	74
Lanao del Sur	80,245	69,442	464	0	18,796	9,666
Maguindanao	8,202	43,087	1,061	0	33,424	50,922
Sulu	0	757	30,083	0	4,330	28,357
Tawi-Tawi	0	32,142	15,091	0	21,526	2,914

Notes:
2010 Land cover data was generated from the interpretation of 10m resolution ALOS/AVNIR and SPOT satellite
Administrative boundary was based from NAMRIA data.
Land cover classification was based from FAO 2009 International Standard and aggregated into 14 categories.
Source : National Mapping and Resource Information Authority (NAMRIA)

Table 1.8 *(concluded)*

Agricultural		Fishpond	Built up Area	Other Natural Land			Inland Water	Grand Total
Annual Crop	Perennial Crop			Barren Land	Grassland	Marshland		
364,772	**398,780**	**10,124**	**41,665**	**2,166**	**54,324**	**172**	**5,619**	**1,418,142**
76,453	166,489	5,779	6,324	133	27,004	0	1,362	396,364
99,933	178,074	1,981	31,226	1,624	18,811	172	1,833	485,930
180,559	44,205	2,354	3,553	341	6,848	0	2,421	503,960
7,826	10,011	11	562	67	1,662	0	4	31,888
246,439	**781,775**	**4,747**	**18,732**	**2,203**	**21,668**	**3,848**	**12,349**	**2,082,622**
5,437	32,127	126	1,164	12	1,991	…	121	53,116
31,023	132,980	12	3,246	1,653	4,653	12	2,872	426,541
121,586	223,084	2,168	7,379	206	2,527	3,836	3,038	559,066
51,325	192,879	970	2,075	212	2,500	…	2,654	334,348
27,188	164,627	1,348	2,937	101	3,688	…	3,287	544,730
9,879	36,078	124	1,930	20	6,308	…	377	164,821
166,589	**627,449**	**26,390**	**16,642**	**1,387**	**96,758**	**137**	**10,659**	**1,456,825**
40,857	285,293	1,863	5,442	596	57,284	0	4,254	625,828
76,777	208,910	13,380	8,702	759	29,104	137	4,718	546,051
48,955	133,245	11,147	2,498	32	10,371	0	1,687	284,946
532,205	**407,422**	**4,797**	**29,091**	**458**	**76,374**	**0**	**10,892**	**1,744,722**
396,406	51,119	0	11,703	…	45,206	0	4,854	893,428
585	16,339	0	659	49	399	0	286	24,395
55,111	129,386	2,870	4,024	189	1,591	0	1,935	306,950
19,662	107,357	1,264	2,340	11	262	0	1,048	188,985
60,440	103,221	662	10,365	208	28,916	0	2,769	330,965
127,738	**708,804**	**5,767**	**31,966**	**725**	**37,287**	**29**	**17,796**	**1,884,498**
35,834	155,370	250	3,781	379	268	0	5,064	451,326
42,740	132,996	1,700	8,635	225	18,762	29	6,371	352,001
27,588	277,368	2,485	18,194	6	14,126	0	3,484	607,519
21,576	143,070	1,332	1,356	115	4,130	0	2,877	473,652
533,971	**336,012**	**3,054**	**28,817**	**672**	**94,214**	**22,495**	**18,949**	**1,847,387**
237,064	143,792	1,417	7,000	59	35,268	21,347	4,343	641,609
17,613	115,768	905	1,973	218	27,312	0	3,274	322,295
141,935	22,826	189	13,319	279	19,547	143	3,604	436,232
137,360	53,626	543	6,525	116	12,087	1,005	7,728	447,251
188,099	**469,790**	**7,392**	**21,948**	**5,313**	**32,265**	**45,270**	**36,162**	**1,895,520**
29,184	130,254	3,959	5,787	209	6,606	0	17,462	307,768
104,096	54,795	…	9,165	525	16,134	45,270	10,353	796,615
3,059	9,979	24	561	440	2,614	0	287	80,144
22,385	81,669	1,511	2,957	3,131	4,480	0	2,258	202,817
29,374	193,092	1,898	3,478	1,008	2,432	0	5,802	508,176
233,687	**364,507**	**1,839**	**11,645**	**2,303**	**36,782**	**56,151**	**46,966**	**1,232,794**
1,164	79,341	576	1,160	1,216	1,358	132	741	114,094
83,613	54,024	6	2,914	36	4,556	33	36,917	360,712
139,211	115,904	1,152	4,683	9	27,775	55,987	7,698	489,115
8,266	75,049	80	1,657	811	1,466	0	1,080	151,936
1,434	40,189	26	1,231	230	1,627	0	528	116,937

Table 1.9
AREA OF ECOSYSTEMS BY LAND COVER TYPE
(In hectares)

Area of Ecosystems (Protected Areas)	Land Cover Categories					
	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland
Total	**352,944.9**	**31,998.5**	**697,018.5**	**1,579.2**	**9,703.3**	**224,255.4**
Abasig-Matogdon Mananap Natural Biotic Area	0.0	7.8	4,081.5	0.0	0.0	0.0
Agoo-Damortis Protected Landscape & Seascape	11.6	109.4	0.0	0.0	121.3	30.3
Agusan Marsh Wildlife Sanctuary	5,640.6	145.7	0.0	0.0	0.0	1,676.2
Aklan River Watershed Forest Reserve	0.0	0.0	8,169.6	0.0	0.0	6.1
Alabat Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	1.7
Alamio, Buayan, Carac-an, Panikian River and Sipangpang Falls Watershed Forest Reserve	147.0	6.3	14,396.3	0.0	0.0	97.1
Alburquerque-Loay-Loboc Protected Landscape and Seascape	6.3	26.9	0.0	0.0	11.3	0.0
Aliguay Island Protected Landscape/Seascape	0.0	0.0	0.0	0.0	0.0	0.0
Alihawan Cansujay Anibongan River WFR	1.0	0.0	0.0	0.0	0.0	93.0
Aliwagwag Protected Landscape	0.0	0.0	5,997.6	0.0	0.0	0.0
Allah Valley WFR	23,447.2	1,049.5	13,781.1	0.0	0.0	344.5
Amro River Protected Landscape	54.6	0.0	850.9	0.0	0.0	0.0
Andanan Watershed Forest Reserve	303.7	2.4	42.8	0.0	0.0	10.3
Angat Watershed and Forest Range (Pilot)	0.0	0.0	2,126.5	0.0	0.0	212.0
Angat Watershed Forest Reserve District (Metro Water District)	0.0	0.0	36,211.6	1,310.5	0.0	203.1
Apo Island Protected Landscape/Seascape	0.0	2.8	0.0	0.0	0.0	18.0
Aurora Memorial National Park	81.8	21.6	3,197.9	0.0	0.0	24.9
Aurora Watershed Forest Reserve	0.0	0.0	1,549.2	0.0	0.0	0.0
Baganga Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0
Balbalasang-Balbalan National Park	245.7	4.0	0.0	0.0	0.0	0.0
Baliangao Protected Landscape/Seascape	0.0	0.0	0.0	0.0	2.1	0.0
Balinsasayao Twin Lakes Natural Park	157.7	0.0	431.3	0.0	0.0	0.0
Bangan Hill National Park	0.0	1.9	0.0	0.0	0.0	1.0
Barrio Bagumbang to Malautan River (Mangrove)	22.6	17.1	0.0	0.0	56.5	0.0
Basilan Natural Biotic Area	0.0	0.0	3,502.7	0.0	0.0	0.0
Basin Island	378.0	0.0	0.0	0.0	0.0	0.0
Bataan National Park	126.5	21.3	4,225.5	0.0	0.0	1,458.7
Batanes Protected Landscape & Seascape	1,640.5	156.3	0.0	0.0	0.0	6,857.6
Bawa Watershed Forest Reserve	158.1	2.4	8,331.4	0.0	0.0	61.3
Bessang Pass Natural Monument/Landmark	0.0	0.0	0.0	0.0	0.0	0.0
Biak-na-Bato National Park	97.7	0.0	0.0	0.0	0.0	0.0
Bicol Natural Park	218.8	1.4	745.4	0.0	0.0	5.8
Bigbiga Protected Landscape	2.8	0.0	0.0	0.0	0.0	0.0
Binahaan River Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	0.0
Biri Larosa Protected Landscape/Seascape	865.4	81.8	0.0	0.0	427.6	405.9
Bongsalay Natural Park	0.2	1.3	0.0	0.0	10.4	4.3
Buenavista Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0
Bulabog-Putian national Park	61.3	0.0	0.0	0.0	0.0	0.0
Bulusan Volcano Natural Park	0.0	0.0	0.0	3.2	0.0	0.0
Buug Natural Biotic Area	62.7	7.0	0.0	0.0	0.0	22.2
Cabadbaran Watershed	0.0	0.0	171.4	0.0	0.0	195.9
Calabgan Watershed Forest Reserve	0.0	0.0	363.5	0.0	0.0	0.0
Calatrava, San Andres, San Agustin WFR	0.0	0.0	0.0	0.0	0.0	29.6
Calauag Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	0.0
Calauit Island Game Preserve and Wildlife Sanctuary	52.0	0.0	0.0	0.0	0.0	574.2
Calavite & F.B. Harrison Game Refuge and Bird Sanctuary	6,422.1	356.8	0.0	0.0	0.0	39,583.3

Table 1.9 *(continued)*

Land Cover Categories								
Inland Water	Mangrove Forest	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
110,223.6	**100,830.7**	**30,996.3**	**1,642,258.8**	**9,895.9**	**400,828.4**	**645,472.6**	**525,959.0**	**4,783,965.0**
0.0	0.0	0.0	0.0	0.0	678.8	689.0	461.2	5,918.3
0.0	25.7	0.0	0.0	19.1	0.0	0.0	26.5	343.9
2,758.9	0.0	29,366.1	0.0	0.0	1,350.8	0.0	0.0	40,938.3
30.5	0.0	0.0	8,975.3	0.8	0.0	2,873.4	4,076.3	24,131.9
0.0	0.0	0.0	3.0	0.0	209.6	102.5	0.0	316.9
437.7	0.0	0.0	23,745.5	117.3	519.0	234.1	3,645.3	43,345.7
22.9	351.5	0.0	0.0	0.0	148.5	0.0	0.0	567.4
0.0	0.0	0.0	0.0	7.3	65.2	0.0	0.0	72.6
0.0	0.0	0.0	50.6	0.0	2,984.2	608.7	0.0	3,737.4
11.0	0.0	0.0	2,226.4	0.0	280.3	2,761.6	171.2	11,448.2
1,956.4	0.0	0.0	7,704.9	93.2	2,744.6	5,420.2	41,992.1	98,533.6
0.0	0.0	0.0	5,362.9	42.7	9.7	110.5	0.0	6,431.3
38.8	0.0	0.0	4,019.0	0.0	0.0	589.3	12,179.3	17,185.6
9.8	0.0	0.0	580.6	0.0	0.0	1,928.3	1,814.5	6,671.6
2,232.6	0.0	0.0	13,626.0	0.0	0.0	944.5	46.0	54,574.3
0.0	0.0	0.0	0.0	0.0	51.8	0.0	0.0	72.6
91.3	0.0	0.0	1,586.2	104.6	0.0	389.1	1,019.5	6,516.9
0.0	0.0	0.0	0.0	4.6	2.8	0.0	54.5	1,611.1
0.0	0.0	0.0	0.0	0.0	114.9	0.0	0.0	114.9
13.5	0.0	0.0	1,146.5	33.1	0.0	0.0	0.0	1,442.8
16.5	76.9	0.0	0.0	0.0	23.1	0.0	0.0	118.6
102.6	0.0	0.0	3,108.3	0.0	0.0	3,100.7	1,115.4	8,016.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	10.1
0.0	332.9	0.0	0.0	9.8	45.5	0.0	0.0	484.4
0.0	0.0	0.0	0.0	0.0	2,753.3	346.9	0.0	6,602.9
2.8	28.6	0.0	0.0	0.0	99.5	0.0	0.0	509.0
20.1	0.0	0.0	6,875.0	1.6	1,463.2	3,401.5	2,403.6	19,997.1
5.8	0.0	0.0	1,818.8	94.6	0.0	8,267.6	1,207.8	20,049.0
63.2	0.0	0.0	389.3	0.0	68.1	311.9	61.5	9,447.2
0.0	0.0	0.0	516.8	0.0	0.0	0.0	422.7	939.5
0.0	0.0	0.0	0.0	0.0	2,014.7	0.0	0.0	2,112.4
41.4	0.0	0.0	364.3	0.0	500.7	3,534.5	54.1	5,466.3
0.0	0.0	0.0	0.0	0.0	0.0	140.0	0.0	142.9
0.0	0.0	0.0	411.2	0.0	0.0	65.1	0.0	476.3
62.8	3,627.2	0.0	0.0	0.0	4,437.5	15.4	0.0	9,923.5
0.5	203.3	0.0	0.0	4.3	28.1	0.5	1.9	254.8
0.0	0.0	0.0	0.0	0.0	83.8	203.4	0.0	287.2
0.0	0.0	0.0	20.6	0.0	0.0	767.6	0.0	849.4
31.1	0.0	0.0	2,769.1	135.2	702.4	0.0	0.7	3,641.6
0.0	0.0	0.0	80.4	0.0	372.4	1,042.5	127.8	1,715.2
74.2	0.0	0.0	9,225.6	0.0	185.3	2,283.3	3,044.7	15,180.3
49.4	0.0	0.0	3,985.0	0.0	125.7	0.0	105.9	4,629.5
0.0	0.0	0.0	1,073.6	0.0	411.0	1,100.0	0.0	2,614.3
0.0	0.0	0.0	0.0	0.0	242.8	64.2	0.0	307.0
2.2	419.8	0.0	0.0	0.0	4.1	1,611.9	987.2	3,651.5
1,759.8	0.0	0.0	9,105.5	2,384.9	7.5	32,118.5	14,740.5	106,479.1

Continued

Table 1.9
AREA OF ECOSYSTEMS BY LAND COVER TYPE *(continued)*
(In hectares)

Area of Ecosystems (Protected Areas)	Land Cover Categories					
	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland
Calbayog-Pan-As Hayiban Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0
Capalonga Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	0.0
Caramoan National Park	12.3	0.0	0.0	0.0	0.0	0.4
Casecnan Protected Lanscape	802.4	128.9	62,125.9	4.4	0.0	5,991.4
Cassamata Hill National Park	0.2	16.7	0.0	0.0	0.0	0.0
Catanduanes Watershed Forest Reserve	0.0	3.9	7,108.6	0.0	0.0	9.1
Central Cebu Protected Landscape	3,933.8	98.5	4,628.2	0.0	0.0	54.5
Chico Island Wildlife Sanctuary	0.0	0.0	0.0	0.0	0.0	0.0
Chocolate Hills Natural Monument	3,713.0	77.5	0.0	0.0	0.0	37.8
Cuatro Islas Protected Landscape/Seascape	0.0	0.0	0.0	0.0	0.0	0.0
Dahican Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	0.6
Dalanas River WFR	0.3	0.0	2,960.9	0.0	0.0	324.1
Dibalo-Pingit-Zabali-Malayat Watershed Forest Reserve	0.0	0.0	4,484.6	0.0	0.0	0.0
Dinadiawan River Protected Landscape	184.5	0.0	199.3	0.0	0.0	0.0
Dipaculao Watershed Forest Reserve	0.0	0.0	1,790.9	0.0	0.0	0.0
Doña Remedios - General Tinio Watershed	0.0	0.0	5,208.1	0.0	0.0	24.1
Dumanquilas Protected Landscape/Seascape	4.8	35.4	0.0	0.0	0.0	0.0
Dupax Watershed Reservation	0.0	0.0	183.5	0.0	0.0	132.5
El Nido Managed Resource Protected Area	1,980.8	204.1	47.3	0.0	0.0	286.9
Entire Province of Palawan	851.2	157.2	12.6	0.0	1,136.8	325.8
Fuyot Springs National Park	569.5	0.0	0.0	0.0	0.0	0.0
Great and Little Sta. Cruz Islands Protected Landscape & Seascape	0.0	0.0	0.0	0.0	0.0	0.0
Guadalupe Mabugnao Mainit Hot Spring National Park	6.9	0.0	0.0	0.0	0.0	0.0
Guiuan Protected Landscape/Seascape	25.6	145.4	0.0	0.0	0.0	578.3
Hinulugan Taktak Protected Landscape	0.0	1.5	0.0	0.0	0.0	0.0
Hundred Island NP	3.2	0.0	0.0	0.0	97.3	0.0
Ilocos Norte Metro Watershed Forest Reseeve	16.8	0.0	0.0	0.0	0.0	449.7
Ilog-Hilabangan Watershed Forest Reserve	258.0	0.0	0.0	0.0	0.0	0.0
Infanta Watershed Forest Reserve	0.0	0.0	264.9	0.0	0.0	0.0
Initao-Libertad Protected Landscape and Seascape	0.0	0.0	0.0	0.0	0.0	0.0
Isabela (Monte-alto Timber Resouce Corporation Parcel (1 & 2) *Indicative*	0.0	0.0	0.0	0.0	0.0	86.4
Island of Basot and Quinalaang	9.0	23.1	0.0	0.0	9.0	1,211.4
Island of Alibijaban / Alibijaban Island PLSS	216.3	6.0	0.0	0.0	0.0	0.0
Island of Ambugan / Hambungan & Inabanga River (MSFR)	1.8	1.0	0.0	0.0	0.0	0.0
Island of Awasan, Cabilan, Capaquian, Sugbuhan and Tagboaba	26.5	3.1	0.0	0.0	1.6	0.0
Island of Bantayan	8,517.8	432.0	0.0	0.0	37.3	0.0
Island of Budlanan, Bugatusan, Panga, Silo, Cabgan, Canconstino, tabaon, Maagpit, and Islet of Basihan, Bugatusan, Hayaan, Inanoran, and Poom Point East of Basihan Islet (Getafe Group of Island) (Clarin Group of Island)	0.0	0.0	0.0	0.0	0.0	0.0
Island of Catiil, Colangaman, Lomislis, Tagangdio, Tintinan, and islet of Pamasuan	0.0	2.3	0.0	0.0	0.0	0.0
Island of Dampalit	5.9	0.0	0.0	0.0	0.0	0.0
Island of DInagat, Hikdop, Sibate and Hanigad	33.4	12.7	0.0	0.0	18.8	2.8
Island of Guinauycan, Naro, Chico and Pobre	0.0	0.0	0.0	0.0	0.0	0.0
Island of Lamagon (Lamayan), Cepaya and Cobeton	0.0	0.0	0.0	0.0	0.0	0.0

Table 1.9 *(continued)*

Land Cover Categories								
Inland Water	Mangrove Forest	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
16.7	0.0	0.0	1,983.1	0.0	2,631.5	436.7	0.0	5,067.9
0.0	0.0	0.0	0.0	0.0	355.0	0.0	3.9	358.9
5.1	25.0	0.0	66.7	1.0	5.2	230.8	0.0	346.5
661.8	0.0	0.0	1,951.5	71.7	0.0	144.2	14,364.6	86,246.8
0.0	0.0	0.0	38.2	0.0	0.0	0.0	0.0	55.2
182.5	0.0	0.0	24,904.9	0.6	229.5	16,485.0	0.0	48,924.1
124.6	0.0	0.0	2,121.5	0.0	11,687.1	5,044.1	796.1	28,488.6
0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	6.5
0.0	0.0	0.0	5.4	0.0	6,677.1	3,484.2	0.0	13,995.0
0.0	0.0	0.0	0.0	0.0	134.8	0.0	0.0	134.8
0.0	0.0	0.0	0.0	0.0	13.9	26.7	1.0	42.2
180.7	0.0	0.0	391.1	0.0	0.0	1,879.7	2,218.0	7,954.7
12.9	0.0	0.0	0.0	0.0	74.3	0.0	0.0	4,571.8
37.8	0.0	0.0	2,308.6	0.0	30.7	0.0	605.5	3,366.5
6.6	0.0	0.0	0.0	0.0	300.1	580.7	0.0	2,678.3
293.3	0.0	0.0	13,996.2	0.0	0.0	1,234.4	174.7	20,930.8
10.6	115.6	0.0	0.0	1.4	647.9	0.2	0.0	815.9
0.0	0.0	0.0	11.0	0.0	0.0	0.0	11.6	338.5
100.7	1,894.4	0.0	19,495.0	9.0	416.2	6,552.6	7,105.9	38,092.8
708.9	41,348.3	3.8	694.3	48.9	3,452.4	2,294.3	1,559.0	52,593.4
0.0	0.0	0.0	7.9	0.0	0.0	472.7	110.2	1,160.3
0.0	195.9	0.0	0.0	0.0	52.5	0.0	0.0	248.4
0.0	0.0	0.0	0.0	0.0	0.0	55.5	0.0	62.3
10.3	249.9	0.0	790.6	54.2	2,204.4	217.6	2.2	4,278.6
0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	3.6
0.0	49.0	0.0	0.0	0.0	0.0	131.9	0.0	281.3
2.7	0.0	0.0	29.2	0.0	5.0	1,067.0	677.4	2,247.7
132.9	0.0	0.0	0.0	0.0	0.0	4,192.5	5,892.1	10,475.6
0.0	0.0	0.0	168.6	0.0	46.4	0.0	0.0	479.8
0.0	0.0	0.0	53.8	0.0	13.6	0.0	0.0	67.4
2.1	0.0	0.0	0.0	0.0	0.0	67.7	983.0	1,139.2
10.8	171.4	0.0	0.0	3.2	1,798.2	0.0	89.7	3,325.6
0.0	183.2	0.0	0.0	17.6	44.4	0.0	0.0	467.5
38.7	960.0	0.0	0.0	0.0	132.9	0.0	0.0	1,134.4
0.0	273.7	0.0	0.0	0.0	242.0	1.8	746.0	1,294.6
24.2	57.9	0.0	0.0	24.3	1,281.2	822.2	0.0	11,196.8
0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	6.1
0.0	150.9	0.0	0.0	0.0	11.8	0.0	0.0	165.0
0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	16.2
69.8	1,378.2	0.0	0.0	4.0	53.7	17.2	136.5	1,726.9
0.0	35.6	0.0	0.0	0.0	82.0	0.0	0.0	117.6
0.0	517.0	0.0	0.0	0.0	30.0	2.5	0.0	549.4

Continued

Table 1.9
AREA OF ECOSYSTEMS BY LAND COVER TYPE *(continued)*
(In hectares)

Area of Ecosystems (Protected Areas)	Land Cover Categories					
	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland
Island of Pamusuan, Handayan, Majanay, Islets of Bonoon, Lapinig, Pinahon and Lapinig Chico, Mangrove areas east of Soom River Pangpang	92.8	4.8	0.0	0.0	396.6	0.0
Island of Majaba and Napayuan	381.4	0.0	0.0	0.0	0.0	0.0
Island of Polilio, Alabat, Cabelete, Jomalig, Patnanongan, Kalotkot, Kalongkooan, Palasan, Calabao, Icol and San Rafael	28.5	16.5	0.0	0.0	32.0	3.3
Island of Ponson, Poro and Pacihan	38.5	18.7	0.0	0.0	0.0	45.7
Island of Rasa	0.0	0.0	0.0	0.0	0.0	0.0
Island of Sta Cruz and Salomague, foreshoreline of dapdap and alabo to the mouth of tagum river, malinoa creek to salomague point, foreshoreline of Barrio Cabuyagan to eastern side of Dating Bayan RIver in Calancan Bay	171.9	7.3	0.0	0.0	149.8	104.2
Jalaur River Watershed Forest Reserve	1,673.0	0.0	482.8	0.0	0.0	0.0
Jose Rizal Memorial Protected Landscape	0.0	0.6	0.0	0.0	0.0	0.0
Kabangkalan WFR	0.0	0.0	0.0	0.0	0.0	0.0
Kalbario-Patapat Natural Park	152.6	0.6	5,112.2	0.0	0.0	0.0
Kuapnit Balinsasayao National Park	7.6	0.0	0.0	0.0	0.0	0.0
Lagonoy Natural Biotic Area	0.0	0.0	0.0	0.0	0.0	0.0
Lake Buluan GRBS	812.0	17.7	0.0	0.0	0.0	2.4
Lake Butig National Park	17.3	0.0	0.0	0.0	0.0	0.0
Lake Danao Natural Park	0.0	0.0	0.0	0.0	0.0	0.0
Lake Dapao National Park	44.6	2.6	0.0	0.0	0.0	0.0
Lake Lanao Watershed Reservation	39,207.0	2,419.3	51,686.9	0.0	0.0	1,995.4
Lake Malimanga Bird and Fish Sanctuary	22.9	0.0	0.0	0.0	0.0	0.0
Libunao Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0
Libungan WFR	14,124.5	82.7	1,014.0	0.0	0.0	0.0
Lidlidda Banayoyo Protected Landscape	6.2	0.4	0.0	0.0	0.0	0.0
Loboc Watershed Forest Reserve	33.5	0.0	0.0	0.0	0.0	15.0
Lopez Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	0.0
Lower Agno Watershed Forest Reserve	102.1	683.8	27.9	0.0	0.0	4,404.0
Luneta Park	0.0	16.0	0.0	0.0	0.0	0.0
Maasin WFR	20.7	7.0	61.7	0.0	0.0	0.0
Mabini Protected Landscape and Seascape	0.0	21.7	0.0	0.0	3.4	0.0
MacArthur Landing National Park	0.0	3.2	0.0	0.0	0.0	0.0
Magapit Protected Landscape	447.4	7.6	1.3	0.0	0.0	897.5
Mahagnao Volcano Natural Park	0.0	0.0	0.0	0.0	0.0	0.0
Mahugunao Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	0.0
Mainit Hotspring Protected Landscape	0.0	4.2	0.0	0.0	0.0	0.0
Malabungot Protected Landscape & Seascape	0.0	0.0	0.0	0.0	0.0	0.0
Malagos Watershed Reservation	0.0	19.9	0.0	0.0	0.0	0.0
Malampaya Sound Protected Landscape	8,406.1	550.2	6,910.4	0.0	0.0	1,742.6
Malaquing River to Mabunga River, Cueva Point to Kimartinez Point, Kabugao Point to Kabalog Andang Point (Mangrove)	77.5	2.5	0.0	0.0	30.7	0.0
Mangrove areas along banks of Mamburao River, Buluangan River to Lagarum River, Naujan, bank of Betel Creek, Sablayan Pt. to Bagong Sabang RIver, Labangan to Calalayuan Pt. Sukol River, Casiliga River, Island of Soguicay	92.3	28.6	0.0	0.0	288.3	0.0
Mangrove Areas along Coastline of Dupon Bay from Sacay point to Mouth of Dupon River, Apali Point to Calunganan Point Puerto Bello Lao Mangrove from Bo. Tuban and Bo. Manpagui Santa Cruiz	165.0	93.7	0.0	0.0	371.3	0.0

Table 1.9 ***(continued)***

Land Cover Categories								
Inland Water	Mangrove Forest	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
9.5	783.5	0.0	0.0	0.0	339.1	0.0	8.8	1,635.1
0.0	48.2	0.0	0.0	1.4	0.0	0.0	0.0	431.1
41.1	3,327.4	0.0	0.0	0.0	656.1	368.9	0.0	4,474.0
560.0	374.7	0.0	0.0	0.0	173.7	22.6	0.0	1,233.9
0.0	38.6	0.0	0.0	0.0	0.0	0.0	0.0	38.6
9.0	1,362.3	0.0	0.0	5.2	182.4	206.9	0.3	2,199.2
82.4	0.0	0.0	1,993.4	0.0	0.0	1,381.9	3,849.8	9,463.4
0.0	0.0	0.0	0.0	0.0	335.0	135.6	0.0	471.3
0.0	0.0	0.0	0.0	0.0	0.0	416.9	0.0	416.9
0.0	0.0	0.0	486.3	0.0	6.5	0.0	0.0	5,758.2
0.0	0.0	0.0	30.4	0.0	246.7	0.0	92.1	376.8
0.2	0.0	0.0	18.2	0.0	305.4	119.8	0.0	443.6
5,783.7	0.0	1,590.8	0.0	0.0	72.2	88.6	0.0	8,367.4
18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.3
136.7	0.0	0.0	1,653.4	0.0	32.9	421.0	0.0	2,244.1
931.7	0.0	0.0	0.0	0.0	15.9	0.0	3.4	998.1
35,206.6	60.6	32.5	28,527.5	24.1	3,119.5	6,808.1	2,205.4	171,292.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.9
0.0	0.0	0.0	42.4	0.0	0.0	0.0	4.7	47.2
150.4	0.0	0.0	8,065.2	0.0	6,771.8	3,089.3	19,522.5	52,820.6
0.0	0.0	0.0	119.6	0.0	0.0	387.0	529.1	1,042.3
19.0	0.0	0.0	3,505.6	0.0	185.6	4,859.7	271.3	8,889.7
0.0	0.0	0.0	0.0	0.0	183.2	257.4	0.0	440.6
1,601.7	0.0	0.0	14,347.8	528.1	4.2	1,758.0	15,624.8	39,082.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
88.5	10.8	0.0	1,371.5	12.4	339.7	2,787.9	1,839.7	6,540.0
0.7	133.3	0.0	0.0	0.0	125.3	0.0	0.0	284.5
0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	6.2
0.0	0.0	0.0	816.5	0.0	0.0	746.7	934.1	3,851.1
22.8	0.0	0.0	120.0	0.0	22.9	144.5	30.6	340.8
0.0	0.0	0.0	146.8	0.0	0.4	0.0	0.0	147.2
15.7	0.0	0.0	713.4	0.0	16.1	988.0	118.4	1,855.8
0.0	16.4	0.0	0.0	0.0	123.5	0.0	0.0	139.9
0.0	0.0	0.0	0.0	0.0	215.4	0.0	0.0	235.3
32.1	3,342.1	0.0	42,969.0	81.1	189.9	11,472.1	12,751.1	88,446.7
10.5	404.6	0.0	0.0	3.1	75.2	3.4	28.0	635.5
45.4	220.6	0.0	0.0	2.7	268.7	0.0	28.1	974.8
71.9	1,677.1	0.0	0.0	0.0	164.3	5.3	15.4	2,564.2

Continued

Table 1.9
AREA OF ECOSYSTEMS BY LAND COVER TYPE *(continued)*
(In hectares)

Area of Ecosystems (Protected Areas)	Land Cover Categories					
	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland
Mangrove Areas along Municipalities of Lavigan, Valencia Up to Taon River Municipality of Barcelona,, Islands of Masopelid, Mahaba, Condona, Bayagnan, Bilabid and Caye	0.3	4.0	0.0	0.0	19.3	7.0
Mangrove Areas from Del Pilar River to Palita Island, Bo. Salvacion and Dahican	13.3	6.4	0.0	0.0	725.1	0.0
Mangrove Areas from Liangan River to Lipatan River of the Municipality of Lapayan	0.0	10.6	0.0	0.0	2.9	2.6
Mangrove Areas from Tagasilay to the Mouth of Tigbao River including east of Vitali Island	8.8	0.0	0.0	0.0	116.0	0.0
Mangrove Areas in Tumalong Bay, Baong River, Pongca Bay,Mangrove in Pisan, Sagayapan, Tintauan and Sacol Island	142.7	26.4	0.0	0.0	1,793.9	9.0
Mangrove From Baculin Point to Lakud Point, From Tanuip Point to Quinablangan Island and Samal Island	4.2	16.6	0.0	0.0	181.3	0.0
Manila Bay Beach Resort	0.0	461.0	0.0	0.0	0.0	0.9
Manleluag Spring Protected Landscape	40.3	0.0	260.4	0.0	0.0	503.3
Marcos Highway Watershed Forest Reserve	6,249.7	2,910.4	0.0	0.0	8.1	10.9
Marinduque Wildlife Sanctuary	119.3	0.0	0.0	0.0	0.0	99.9
Masinloc and Oyon Bay Marine Reserve	1.0	39.9	0.0	0.0	16.4	0.0
Mati Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0
Maulawin Spring Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0
Mimbilisan Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0
Minalungao National Park	47.3	0.0	0.0	0.0	0.0	88.3
Mount Timolan Protected Landscape	1.8	0.0	0.0	0.0	0.0	0.0
Mt Mayon Natural Park	58.2	0.0	0.0	0.0	0.0	542.1
Mt Pulag National Park	323.0	24.1	3,569.5	0.0	0.0	391.7
Mt. Apo Natural Park	4.0	7.5	4,242.6	0.0	0.0	486.8
Mt. Arayat National Park	3.9	1.5	773.1	0.0	0.0	513.8
Mt. Balatukan Range Natural Park	0.6	0.0	0.0	0.0	0.0	21.6
Mt. Calavite Wildlife Sanctuary	197.6	21.7	0.0	0.0	0.0	3,881.0
Mt. Dajo National Park	0.0	0.0	0.0	0.0	0.0	0.0
Mt. Data National Park	3,088.5	136.7	0.0	0.0	0.0	47.2
Mt. Guiting-Guiting Natural Park	3.9	0.0	2,796.3	0.0	0.0	56.0
Mt. Hamiguitan Range Wildlife Sanctuary	0.0	0.0	4,903.7	0.0	0.0	0.0
Mt. Inayawan Range Natural Park	0.0	0.0	216.8	0.0	0.0	0.0
Mt. Isarog Natural Park	90.4	0.0	2,927.2	0.0	0.0	72.6
Mt. Kalatungan Range NP	6,031.0	8.1	25,798.0	0.0	0.0	1,037.6
Mt. Kanlaon Natural Park	7,709.6	6.1	3,380.6	0.0	0.0	1,556.4
Mt. Kitanglad Range Natural Park	1,892.8	5.2	20,487.3	0.0	0.0	0.0
Mt. Malindang Natural Park	2,284.0	10.6	23,661.8	4.0	0.0	64.1
Mt. Mantalingahan Protected Landscape	281.9	0.8	10,328.3	0.0	9.7	27.1
Mt. Matutum Protected Landscape	2,455.3	39.6	1,619.0	0.0	0.0	0.0
Mt. Timpoong Hibok-hibok Natural Monument	72.6	0.0	2,870.5	0.0	0.0	17.7
Mts. Banahaw- San Cristobal PL	924.0	1.1	2,268.3	0.0	0.0	116.6
Mts. Iglit-Baco National Park	1,079.2	0.0	0.0	0.0	0.0	46,947.7
Mts. Palay-palay-Mataas-na-Gulod	0.0	21.1	0.0	0.0	0.0	20.5
Mulanay Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	0.0
Murcielagos Island Protected Landscape and Seascape	0.0	0.0	0.0	0.0	0.0	0.0
Naguilian Watershed Reservation	0.0	0.0	0.0	0.0	0.0	0.0
Naro Island Wildlife Sanctuary	0.0	0.0	0.0	0.0	0.0	0.0
Naujan Lake National Park	1,926.0	64.1	0.0	0.0	0.0	0.0
Ninoy Aquino Parks & Wildlife Center	0.0	5.1	0.0	0.0	0.0	0.0
Northern Luzon Heroes Hill National Park	25.0	5.5	0.0	0.0	0.0	112.7
Northern Negros Natural Park	24,706.5	0.0	13,079.9	0.0	0.0	0.0
Northern Sierra Madre Natural Park	10,778.3	11.0	49,705.6	96.9	0.0	1,843.1

Table 1.9 *(continued)*

Land Cover Categories								
Inland Water	Mangrove Forest	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
5.4	1,051.2	0.0	0.0	9.0	68.6	0.2	3.5	1,168.6
137.4	791.5	0.0	0.0	6.8	448.9	48.7	30.1	2,208.3
4.6	70.8	0.0	0.0	4.5	24.9	0.2	0.0	121.2
10.0	34.8	0.0	0.0	0.0	79.8	0.8	36.2	286.4
177.2	4,811.9	0.0	0.0	157.6	860.0	0.0	0.0	7,978.7
97.6	1,191.8	0.0	0.0	17.2	254.1	0.0	0.0	1,762.8
2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	464.7
51.2	0.0	0.0	453.4	0.0	14.8	693.6	749.0	2,766.1
101.9	0.0	0.0	7,308.0	30.9	188.0	3,827.4	10,907.1	31,542.5
22.5	0.0	0.0	7,547.4	0.0	379.3	1,149.0	442.3	9,759.6
0.0	55.3	0.0	0.0	0.5	45.0	611.8	0.0	769.9
0.0	0.0	0.0	0.0	0.0	178.4	889.0	0.0	1,067.3
0.0	0.0	0.0	0.0	0.0	149.0	0.0	0.0	149.0
1.6	0.0	0.0	0.0	0.0	38.5	24.1	42.7	106.8
84.1	0.0	0.0	0.0	0.0	0.0	1,049.0	749.6	2,018.4
21.8	0.0	0.0	1,242.7	0.0	629.1	349.2	0.0	2,244.5
91.5	0.0	0.0	2,497.7	832.3	343.3	961.9	0.0	5,327.2
19.7	0.0	0.0	6,289.8	0.0	0.0	73.5	910.6	11,601.9
79.7	0.0	0.0	15,321.8	0.0	23,858.9	3,928.3	16,181.9	64,111.5
0.0	0.0	0.0	391.7	0.0	16.7	0.0	2,006.1	3,706.8
28.3	0.0	0.0	10,161.5	0.0	0.0	135.9	686.4	11,034.4
3.7	0.0	0.0	5,155.2	14.1	50.0	5,255.0	3,376.2	17,954.6
0.0	0.0	0.0	0.0	0.0	39.6	230.1	0.0	269.7
3.7	0.0	0.0	1,387.1	0.0	0.0	497.6	351.3	5,512.1
37.7	0.0	0.0	6,556.5	0.0	424.2	4,242.9	1,397.8	15,515.2
3.5	0.0	0.0	8.2	0.0	0.0	1,900.7	321.2	7,137.4
7.8	0.0	0.0	4,995.3	0.0	48.1	25.3	23.7	5,317.0
0.4	0.0	0.0	5,474.4	0.0	356.0	1,169.9	0.0	10,090.9
0.2	0.0	0.0	905.6	0.0	0.0	2,175.4	0.0	35,956.0
57.2	0.0	0.0	7,416.6	429.0	404.3	1,795.1	805.1	23,559.8
18.3	0.0	0.0	23,473.6	0.0	0.0	45.8	1,311.2	47,234.2
65.5	0.0	0.0	12,845.6	0.0	4,650.7	2,685.7	6,151.7	52,423.5
580.4	907.8	0.0	74,253.9	93.8	2,271.0	33,116.5	8.1	121,879.2
0.0	0.0	0.0	608.1	0.0	12.7	1,885.2	7,327.1	13,947.0
7.5	0.0	0.0	524.9	0.0	262.3	0.0	0.0	3,755.6
56.3	0.0	0.0	5,443.2	0.0	596.0	1,884.1	21.1	11,310.6
624.8	0.0	0.0	32,358.3	184.6	958.4	15,274.5	9,228.0	106,655.5
2.5	0.0	0.0	1,583.4	18.5	0.0	2,299.9	22.9	3,968.9
0.0	0.0	0.0	0.0	0.0	29.7	0.0	0.0	29.7
0.0	0.0	0.0	0.0	8.0	16.7	0.0	0.0	24.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.8	86.8
0.0	24.4	0.0	0.0	0.0	2.9	0.0	0.0	27.3
8,220.1	0.0	0.0	0.0	0.0	4,981.9	134.4	0.0	15,326.4
2.7	0.0	0.0	5.6	0.0	0.0	0.0	10.7	24.1
21.8	0.0	0.0	1,188.1	11.0	1.0	98.2	3,931.7	5,395.1
32.0	0.0	0.0	14,820.7	2.5	649.0	17,334.5	200.8	70,825.8
770.4	722.9	0.0	215,863.1	86.5	0.0	2,420.8	5,603.8	287,902.5

Continued

Table 1.9
AREA OF ECOSYSTEMS BY LAND COVER TYPE *(continued)*
(In hectares)

Area of Ecosystems (Protected Areas)	Land Cover Categories					
	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland
Northwest Panay Peninsula Natural Park	0.0	0.0	1,494.7	0.0	0.0	26.2
Olango Island Wildlife Sanctuary	0.0	1.0	0.0	0.0	0.0	13.7
Olongapo Naval Base Perimeter	0.0	4.4	0.0	0.0	0.0	0.0
Olongapo WFR	0.0	31.4	0.0	0.0	0.0	0.0
Pagsanjan Gorge National Park	0.0	0.0	0.0	0.0	0.0	0.0
Palaui Island Marine Reserve	41.6	24.4	1,855.0	0.0	0.0	27.1
Palawan Flora and Fauna WFR (Parcel 1)	23.3	0.0	0.0	0.0	0.0	0.0
Palawan Flora and Fauna WFR (Parcel 2)	0.0	0.0	0.0	0.0	0.0	0.0
Palawan Game Refuge and Bird Sanctuary	88,992.1	12,305.8	55,624.3	28.8	515.6	32,730.8
Palompon WFR	117.6	11.2	0.0	0.0	0.0	12.3
Palsabangan River up to Mazintuto River, Bacong River to Sandoval Point (Mangrove)	36.8	3.4	0.0	0.0	238.0	0.0
Pamitinan Protected Landscape	0.0	12.8	0.0	0.0	0.0	13.4
Pan-ay River WFR	44.3	0.0	0.0	0.0	0.0	0.0
Panglao Island Protected Seascape	0.0	52.4	0.0	0.0	0.0	0.1
Pantabangan-Caranglan Watershed Reservation	8,342.1	424.4	18,021.2	0.0	0.0	20,640.7
Pantuwaraya Lake National Park *Indicative*	18.4	0.7	0.0	0.0	0.0	0.0
Paoay Lake National Park	45.3	0.0	0.0	0.0	0.0	0.0
Pasonanca Natural Park	0.0	4.3	11,829.8	0.0	0.0	0.0
Peñablanca Protected Landscape	1,676.0	82.8	22,704.7	0.0	0.0	2,527.2
Pigbucan Point to Paron Point Mangrove	1.6	3.7	0.0	0.0	1.6	0.0
Polilio Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	0.0
Puerto Princesa Underground RIver	502.9	38.2	13,851.7	0.0	0.0	0.0
Pujada Bay Protected Landscape/Seascape	4.8	22.7	0.0	0.0	53.8	2.8
Putiao River to Malbog River, Getumbro pt. to Prieto Diaz, Panuntingan Pt. to Tagdon River, Sinagbatan Bay to Mantay Pt.	28.2	22.3	0.0	0.0	830.6	1.1
Quezon Protected Landscape	2.1	0.0	0.0	0.0	0.0	0.0
Quirino Protected Landscape	16,112.6	329.8	76,209.0	0.0	0.0	10,178.8
Rajah Sikatuna Protected Landscape	155.6	0.0	0.0	0.0	0.0	0.0
Rasa Island Wildlife Sanctuary	0.0	0.0	0.0	0.0	0.0	0.0
Roosevelt Protected Landscape	32.7	76.9	0.0	0.0	0.0	123.4
Rungkunan National Park *Indicative*	13.8	0.0	0.0	0.0	0.0	0.0
Sacred Mountain National Park	34.9	0.0	0.0	0.0	0.0	0.0
Sagay Marine Reserve	0.8	1.6	0.0	0.0	6.2	0.0
Salikata National Park *Indicative*	134.5	0.0	0.0	0.0	0.0	0.0
Salinas Natural Monument	265.8	12.5	0.0	0.0	0.0	1,187.5
Samar Island NP	5,184.7	264.6	22,342.3	125.8	0.0	333.4
Santa WFR	0.0	0.0	0.0	0.0	0.0	0.0
Sarangani Bay Protected Seascape	31.7	95.0	0.0	0.0	32.0	14.9
Selinog Island Protected Landscape and Seascape	0.0	0.0	0.0	0.0	0.0	0.0
Siargao Protected Landscape/Seascape	9,443.0	810.9	0.0	0.0	145.5	1,303.7
Sibalom Natural Park	71.3	0.0	0.0	5.4	0.0	236.3
Sibuyan Island (Mangrove)	150.9	3.6	0.0	0.0	0.0	0.0
Simbahan-Talagas Protected Landscape	13.1	0.0	129.0	0.0	0.0	0.0
Siocon Resource Reserve	7.3	0.0	878.4	0.0	0.0	0.0
South Upi Watershed Forest Reserve	638.7	0.0	0.0	0.0	0.0	93.2
Sta. Lucia Protected Landscape	0.0	0.0	0.0	0.0	0.0	15.9
Surigao WFR	1.9	0.0	0.0	0.0	0.0	0.0
Tañon Strait Protected Seascape	740.5	615.4	0.0	0.0	1,633.5	192.3
Taal Volcano Protected Landscape	4,430.9	3,941.0	0.0	0.0	0.0	1,389.1
Taklong Island National Marine Reserve	11.1	0.0	0.0	0.0	5.7	0.0
Talavera Watershed Reservation	1,265.0	46.8	0.0	0.0	0.0	7,898.6
Talaytay Protected Landscape	0.0	0.0	986.7	0.0	0.0	0.0
Talibon Group of Islands Protected Landscape and Seascape	0.0	31.8	0.0	0.0	47.0	0.0

Table 1.9 *(continued)*

Land Cover Categories								
Inland Water	Mangrove Forest	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
0.0	0.0	0.0	7,208.3	0.0	0.0	1,443.4	1,836.8	12,009.3
0.0	0.0	0.0	0.0	0.2	0.5	0.5	0.0	15.9
0.2	0.0	0.0	0.0	0.0	0.0	33.5	0.0	38.1
12.4	0.0	0.0	3,196.9	0.0	382.8	305.3	2,364.7	6,293.5
20.3	0.0	0.0	0.0	0.0	38.4	107.8	0.0	166.5
0.0	94.7	0.0	373.4	0.0	17.4	5.7	146.8	2,586.0
0.0	0.0	0.0	3,845.0	0.0	930.9	0.0	0.0	4,799.2
0.0	0.0	0.0	3,034.3	0.0	206.0	0.0	0.0	3,240.3
4,186.1	10,823.6	3.0	382,164.0	1,138.7	160,092.0	234,649.8	99,005.4	1,082,260.1
0.0	0.0	0.0	0.0	0.0	4,078.5	1,143.3	268.1	5,631.0
23.4	405.7	0.0	0.0	0.0	67.8	0.0	0.0	775.1
30.1	0.0	0.0	0.0	0.0	0.0	427.8	125.0	609.1
37.3	0.0	0.0	0.0	0.0	0.0	2,730.0	1,264.9	4,076.6
35.0	100.3	0.0	0.0	0.0	35.9	15.4	0.0	239.1
3,956.9	0.0	0.0	9,480.7	1,170.8	113.9	10,440.4	22,274.0	94,865.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1
311.4	0.0	0.0	0.3	0.0	0.6	21.2	0.0	378.8
0.0	0.0	0.0	1,404.2	0.0	600.7	3,113.2	541.2	17,493.4
755.4	0.0	0.0	59,558.7	182.2	0.0	1,388.1	14,184.4	103,059.5
10.2	117.3	0.0	0.0	0.0	4.0	0.0	1.0	139.4
0.0	0.0	0.0	0.0	0.0	39.4	86.6	0.0	126.0
66.8	0.0	0.0	3,800.9	38.8	9.5	2,031.7	964.6	21,305.1
14.3	134.3	0.0	0.0	7.1	302.6	10.8	19.4	572.7
96.1	1,379.5	0.0	0.0	3.2	366.1	2.0	0.0	2,729.1
0.0	0.0	0.0	845.6	0.0	42.2	135.3	0.0	1,025.2
2,044.7	0.0	0.0	36,597.9	192.4	4,142.6	25,013.9	12,543.2	183,364.8
0.0	0.0	0.0	4,095.9	0.0	980.9	5,729.9	2.3	10,964.6
0.0	743.6	0.0	0.0	0.0	179.4	0.0	0.0	923.0
0.0	0.0	0.0	150.9	0.0	464.2	0.0	102.3	950.4
0.0	0.0	0.0	882.5	0.0	0.0	50.2	0.0	946.5
0.0	0.0	0.0	54.7	0.0	0.0	0.0	0.0	89.6
11.4	85.1	0.0	0.0	7.1	238.1	0.0	98.5	448.8
0.0	0.0	0.0	505.2	0.0	0.0	19.9	0.0	659.6
38.6	0.0	0.0	633.1	61.5	6.9	0.0	3,760.2	5,966.0
1,313.4	0.0	0.0	275,288.3	117.3	60,667.4	35,316.5	57,526.5	458,480.1
0.0	0.0	0.0	20.8	0.0	2.2	0.0	4.2	27.2
12.3	31.3	0.0	0.0	25.7	163.2	8.4	2.6	417.1
0.0	0.0	0.0	0.0	3.5	68.7	0.0	0.0	72.2
725.9	8,177.4	0.0	0.0	7.7	21,785.4	16,472.3	4,062.5	62,934.3
41.1	0.0	0.0	2,476.5	2.4	0.0	331.0	1,152.1	4,316.1
8.2	265.5	0.0	0.0	0.0	34.8	12.2	16.8	492.1
0.0	0.0	0.0	1,384.8	0.0	13.7	0.0	743.9	2,284.4
0.1	0.0	0.0	191.5	0.0	0.0	60.8	171.1	1,309.1
0.0	0.0	0.0	801.7	0.0	0.0	76.2	128.9	1,738.6
0.4	0.0	0.0	0.0	0.1	0.0	13.0	167.0	196.3
0.0	0.0	0.0	0.0	0.0	357.5	592.5	0.0	951.9
79.9	1,466.7	0.0	0.0	44.3	1,149.1	191.9	548.0	6,661.7
23,728.4	0.0	0.0	132.8	608.4	24,520.4	2,440.9	1,100.3	62,292.2
0.0	15.7	0.0	0.0	0.0	12.2	133.6	0.0	178.4
606.1	0.0	0.0	5,133.8	0.0	2.7	3,012.1	9,521.3	27,486.5
0.0	0.0	0.0	2,428.6	0.0	0.0	0.0	183.0	3,598.3
0.0	313.7	0.0	0.0	0.0	0.0	0.0	0.0	392.4

Continued

Table 1.9
AREA OF ECOSYSTEMS BY LAND COVER TYPE *(continued)*
(In hectares)

Area of Ecosystems (Protected Areas)	Land Cover Categories					
	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland
Tanap Watershed Forest Reseeve	0.0	0.0	0.0	0.0	0.0	172.6
Tanglar point to Bicol river up to the islands of Lahay, Locsuhin, Haponan, Quinabungan, Lamit and Batan	0.4	0.0	0.0	0.0	118.9	52.8
Tibiang-Damagandong Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	0.0
Torrijos WFR	0.5	0.0	0.0	0.0	0.0	2.3
Tumauini Watershed Forest Reserve	513.4	0.0	0.0	0.0	0.0	1,184.1
Turtle Islands Wildlife Sanctuary	47.3	35.9	0.0	0.0	0.0	0.0
Unnamed National Park, Wildlife Sanctuary and Game Preserve	791.6	665.4	26,342.4	0.0	0.0	4,888.3
Upper Agno River Basin Resource Reserve	13,954.7	346.5	2,116.7	0.0	0.0	5,135.2
Upper Marikina River Basin Protected Landscape	811.0	446.7	686.6	0.0	0.0	4,655.6
Wangag Watershed Forest Reserve	137.3	0.0	6,568.6	0.0	0.0	0.0
Watershed Purposes of Mariveles (Palanas)	0.0	0.0	0.0	0.0	0.0	81.2

Note: Data is based on 2010 Land Cover Map
Source: Department of Environment and Natural Resources, Biodiversity Management Bureau

Table 1.9 *(concluded)*

Land Cover Categories								
Inland Water	Mangrove Forest	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
3.9	0.0	0.0	0.0	0.0	0.0	106.3	20.6	303.3
161.7	2,512.9	0.0	0.0	0.0	185.9	6.5	0.7	3,039.8
0.0	0.0	0.0	0.0	0.0	257.7	16.7	0.0	274.5
0.0	0.0	0.0	0.0	0.0	0.0	155.0	0.0	157.8
145.8	0.0	0.0	3,329.1	0.0	0.0	180.7	1,156.3	6,509.4
0.0	0.0	0.0	0.0	0.0	103.5	0.0	196.3	383.1
1,261.0	12.7	0.0	42,294.1	134.7	4,086.9	22,529.7	12,369.6	115,376.4
1,445.6	0.0	0.0	36,682.9	280.3	0.0	1,375.4	16,668.0	78,005.3
269.7	0.0	0.0	5,419.4	15.8	930.5	8,343.6	4,546.6	26,125.6
8.9	0.0	0.0	0.0	0.0	82.0	0.0	127.6	6,924.4
0.0	0.0	0.0	46.1	0.0	168.3	36.7	14.8	347.1

Table 1.10
NUMBER OF THREATENED WILDLIFE SPECIES
2004 to 2015

Taxonomic Group	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
A. Fauna[A]	**215**	**216**	**216**	**207**	**207**	**207**	**207**	**207**	**212**	**212**
Land Mammals	43	43	43	42	42	42	42	42	43	43
Birds	131	132	132	127	127	127	127	127	126	126
Reptiles	27	27	27	24	24	24	24	24	29	29
Amphibians	14	14	14	14	14	14	14	14	14	14
B. Flora[B]		**526**	**526**	**526**	**526**	**526**	**526**	**526**	**526**	**526**

[A] based on DENR Administrative Order No. 2004 - 15 re: National List of Threatened Fauna and 2011 CITES listed species

[B] based on DENR Administrative Order No. 2007 - 01 re: National List of Threatened Philippine Plants

Source: Department of Environment and Natural Resources, Biodiversity Management Bureau

Table 1.11
NUMBER OF THREATENED SPECIES BY STATUS CATEGORY
As of 2013

Taxonomic Group	Critically Endangered	Endangered	Vulnerable	Other Threatened Species	Total
Total	**28**	**86**	**84**	**9**	**207**
Mammals	8	12	17	5	42
Birds	15	59	53	0	127
Reptiles	5	11	4	4	24
Amphibians	0	4	10	0	14

Source: Department of Environment and Natural Resources, Biodiversity Management Bureau

Table 1.12
STATUS OF KNOWN FAUNA IN THE PHILIPPINES, BY RESIDENCY STATUS
2007 to 2015
(Number of species)

Wildlife Category	Residency Status								
	Endemic	Resident	Migrant	Introduced	Resident/ Migrant	Accidental	Near Endemic	Vagrant	Total
2007									
Land Mammals	118	64	22	6	21	9	8	1	**210**
Birds	178	197	163	2	21	9	8	1	**579**
Reptiles	172	105	0	0	0	0	0	0	**277**
Amphibians	88	16	5	0	0	0	0	0	**109**
2008									
Land Mammals	120	67	22	6	0	0	0	0	**215**
Birds	178	197	163	2	21	9	8	1	**579**
Reptiles	173	105	0	0	0	0	0	0	**278**
Amphibians	88	16	0	5	0	0	0	0	**109**
2009									
Land Mammals	121	67	28	6	0	0	0	0	**222**
Birds	178	197	163	2	21	9	8	1	**579**
Reptiles	175	105	0	0	0	0	0	0	**293**
Amphibians	94	15	0	5	0	0	0	0	**115**
2010									
Land Mammals	121	67	28	6	0	0	0	0	**222**
Birds	184	197	163	2	21	9	8	1	**579**
Reptiles	195	105	0	0	0	0	0	0	**293**
Amphibians	95	16	0	5	0	0	0	0	**115**
2011									
Land Mammals	128	67	28	6	0	0	0	0	**229**
Birds	184	197	163	2	21	9	8	1	**585**
Reptiles	195	105	0	0	0	0	0	0	**300**
Amphibians	95	16	0	5	0	0	0	0	**116**
2012									
Land Mammals	130	67	28	6	0	0	0	0	**231**
Birds	186	197	163	2	21	9	8	1	**612**
Reptiles	196	105	0	0	0	0	0	0	**301**
Amphibians	95	16	0	5	0	0	0	0	**116**
2013									
Land Mammals	130	66	28	7	0	0	0	0	**231**
Birds	188	197	163	2	21	9	8	1	**614**
Reptiles	196	105	0	0	0	0	0	0	**301**
Amphibians	95	16	0	5	0	0	0	0	**116**
2014									
Land Mammals	130	66	28	7	0	0	0	0	**231**
Birds	193	197	163	2	21	9	2	1	**615**
Reptiles	198	197	163	2	21	9	8	1	**303**
Amphibians	95	16	0	5	0	0	0	0	**116**
2015									
Land Mammals	133	70	0	7	0	0	0	0	**207**
Birds	215	197	163	2	21	9	8	1	**616**
Reptiles	198	105	0	0	0	0	0	0	**303**
Amphibians	95	15	0	5	0	0	0	0	**115**

Source : Department of Environment and Natural Resources, Biodiversity Management Bureau

Table 1.13
LIST OF CRITICALLY ENDANGERED WILDLIFE SPECIES

Taxonomic Class	No. of Species	Family	Scientific Name	Common Name
Total	**24**			
Mammals	**7**			
		Bovidae	*Bubalus mindorensis*	Tamaraw
		Cervidae	*Cervus alfredi*	Visayan spotted deer
		Muridae	*Crateromys australis*	Dinagat hairy-tailed cloud rat
			Crateromys paulus	Ilin hairy-tailed cloud rat
		Pteropodidae	*Dobsonia chapmani*	Philippine bare-backed fruit bat
		Dugongidae	*Dugong dugon*	Dugong
		Suidae	*Sus cebifrons*	Visayan warty pig
Birds	**13**			
		Psittacidae	*Cacatua haematuropygia*	Philippine Cockatoo
		Bucerotidae	*Aceros waldeni*	Walden's hornbill
			Anthracoceros montani	Sulu hornbill
		Dicaeidae	*Dicaeum guadricolor*	Cebu flowerpecker
		Accipitridae	*Pithecophaga jefferyi*	Philippine eagle
		Cuculidae	*Centropus steerii.*	Black-hooded coucal
		Sternidae	*Sterna bernsteini*	Chinese crested tern
		Gruidae	*Grus antigone*	Sarus crane
		Columbidae	*Phapitreron cinereiceps*	Tawi-tawi brown dove
			Gallicolumba menagei	Sulu bleeding-heart
			Gellicolumba keavi	Negros bleeding-heart
			Gallicolumba platenae	Mindoro bleeding-heart
			Ptilinopus arcanus	Negros fruit-dove
Reptiles	**4**			
		Cheloniidae	*Eretmochelys imbricata*	Hawksbill turtle
		Bataguridiae	*Heosemys leytensis*	Philippine pond turtle
		Crocodylidae	*Crocodylus mindorensis*	Philippine crocodile
		Varanidae	*Veranus mabitang*	Panay monitor lizard

Source: Department of Environment and Natural Resources, Department Administrative Order 2004-15

Table 1.14
LIST OF ENDANGERED WILDLIFE SPECIES

Taxonomic Class	No. of Species	Family	Scientific Name	Common Name
Total	**30**			
Mammals	**5**			
		Pteropodidae	*Acerodon jubatus*	Golden-crowned fruit bat
			Nyctimene rabori	Philippine tube-nosed fruit bat
		Cervidae	*Cervus calamianensis*	Calamian deer
		Muridae	*Crateromys heanevy*	Panay bushy-tailed cloud rat
		Suidae	*Sus sp. A from the Sulu*	
Birds	**15**			
		Bucerotidae	*Penelopides panini*	Visayan tarictic hornbill
			Penelopides mindorensis	Mindoro hornbill
		Pycnonotidae	*Hypsipetes siquijorensis*	Streak-breasted bulbul
			(=Ixos siquiiorensis)	(=Mottle-breasted bulbul)
		Psittacidae	*Prioniturus verticalis*	Blue-winged racket-tail
		Ciconiidae	*Ciconia boyciana*	Japanese white stork
		Muscicapidae	*Rhinomyias albigularis*	White-throated jungle flycatcher
		Timal i idae	*Stachyris nigrorum*	Negros striped-babbler
			Stachyris speciosa	Flame-templed babbler
			(=Dasycrotapha speciosa)	
		Turdidae	*Copsychus cebuensis*	Black shama
			Rhyacornis bicolor	Luzon water-redstart
		Columbidae	*Gallicolumba criniger*	Mindanao bleeding-heart
		Ardeidae	*Gorsachlus goisagi*	Japanese night-heron
		Scolopacidae	*Tringa guttifer*	Nordmann's greenshank
Reptiles	**6**			
		Cheloniidae	*Caretta caretta*	Loggerhead turtle
			Chelonia mydas	Green sea turtle
			Lepidochelys olivacea	Olive ridley sea turtle
			Dermochelys coriacea	Leatherback turtle
		Bataguridae	*Heosemys spinosa*	Spiny terrapin
		Trionychidae	*Pelochelys cantorii*	Southeast Asian softshell Turtle
Amphibians	**4**			
		Ranidae	Platymantis nearosensis	Negros forest tree frog
			Platymantis polilloensis	Polillo forest tree frog
			Platymantis spelaeus	Negros limestone frog
			Platymantis subterrestris	Mt. Data cloud frog

Source: Department of Environment and Natural Resources, Department Administrative Order 2004-15

Table 1.15
LIST OF VULNERABLE WILDLIFE SPECIES

Taxonomic Class	No. of Species	Family	Scientific Name	Common Name
Total	**85**			
Mammals	**17**			
		Pteropodidae	*Acerodon leucotis*	Palawan flying fox
			Pteropus dasymallus	Wooly flying fox
			Pteropus speciosus	Philippine gray flying fox
			Pteropus leucopterus	White-winged fruit bat
		Muridae	*Archboldomys luzonensis*	Isarog shrew-mouse
			Crateromys schadenbergi	Bushy tailed-cloud rat
			Phloeomys cumingi	Southern Luzon giant cloud rat
			Batomys russatus	Dinagat hairy-tailed rat
		Cervidae	*Cervus mariannus*	Philippine brown deer
		Manidae	*Manis culionensis*	Palawan pangolin
		Erinaceidae	*Podogymnura aurespinula*	Dinagat gymnure
		Felldae	*Prionailurus bengalensis*	Leopard cat
		Suidae	*Sus barbatus*	Bearded pig
			Sus philippensis	Philippine warty pig
		Tragulidae	*Tragulus napu*	Mouse deer
		Pteropodidae	*Pteropus sp, A from Mindoro Island*	
			Haplonycteris sp A from Sibuyan Island	
Birds	**54**			
		Columbidae	*Ducula carola*	Spotted imperial pigeon
			Ducula mindorensis	Mindoro imperial-pigeon
			Ptilinopus marchei	Flame-breasted fruit dove
			Ducula pickeringii	Grey imperial-pigeon
			Caloenas nicobanca	Nicobar pigeon
			Ducula poliocephala	Pink-bellied imperial-pigeon
			Gallicolumba luzonica	Luzon bleeding-heart pigeon
			Ptilinopus merrilli	Cream-bellied fruit dove
			Treron fomosae	Whistling green-pigeon
		Alcedinidae	*Ceyx melanurus*	Philippine dwarf kingfisher
			Alcedo arcientata	Silvery kingfisher
			Todiramphus winchelli	Rufous-bored kingfisher
			Actenoides hombroni	Blue-capped kingfisher
		Muscicapidae	*Muscicapa randi*	Ashy-breasted flycatcher
			Ficedula platenae	Palawan flycatcher
			Rhinomyias insignis	White-browned jungle flycatcher
			Ficedula basilanica	Little slaty flycatcher
			Hypothymis coelestis	Celestial blue monarch
		Campephagidae	*Coracina ostenta*	White-winged cuckoo-shrike
			Coracina mcgregori	Mcgregor's cuckoo-shrike
		Dicaeidae	*Dicaeum haematostictum*	Visayan flowerpecker
			Dicaeum retrocinctum	Scarlet-collared flowerpecker
		Eurylaimidae	*Eurvlaimus samarensis*	Visayan broadhill
			Eurylaimus steerii	Mindanao broadbill
		Picidae	*Picoides ramsayi*	Sulu woodpecker
		Chloropseidae	*Chloropsis flavipennis*	Philippine leafbird
		Pittidae	*Pitta steerii*	Azure-breasted pitta
			Pitta kochi	Koch's pitta
		Estrildidae	*Erythrura yiridifacies*	Green-faced parrotfinch
		Turdidae	*Zoothera cinerea*	Ashy thrush
			Rhyacoris bicolor	Luzon water-redstart
		Timaliidae	*Ptilocichla falcata*	Falcated wren-babbler
		Phasianidae	*Polyplectron emphanum*	Palawan peacock-pheasant
		Bucerotidae	*Anthracoceros marchei*	Palawan horbill
			Aceros leucocephalus	Writhed hornbill
			Buceros hydrocorax	Rufous hornbill
		Psittacidae	*Prioniturus platenae*	Blue-headed racket-tail
			Prioniturus luconensis	Green-headed racket-tailed parrot
			Tanygnathus lucionensis	Blue-naped parrot
		Strigidae	*Bubo philippensis*	Philippine eagle-owl
			Mimizuki gurneyi	Giant scops-owl
		Accipitridae	*Spizaetus philippensis*	Philippine hawk-eagle
			Ichthvophaga ichthyaetus	Grey-headed fish-eagle
		Silviidae	*Acrocephalus sorghophilus*	Streaked reed-warbler
			Phylloscopus ijimae	Ijima's leaf-warbler
		Ardeidae	*Egretta eulophotes*	Chinese egret

Continued

Table 1.15
LIST OF VULNERABLE WILDLIFE SPECIES *(concluded)*

Taxonomic Class	No. of Species	Family	Scientific Name	Common Name
		Emberizidae	*Emberiza sulphurata*	Japanese yellow bunting
		Scolopacidae	*Eurynorhynchus pygmaeus*	Spoon-billed sandpiper
			Numenius tahitiensis	Bristle-thighed curlew
		Charadriidae	*Charadrius peronii*	Malaysian plover
		Sturnidae	*Gracula religiosa*	Palawan hill myna
		Anatidae	*Anas luzonica*	Philippine duck
		Anhingidae	*Anhinga melanogaster*	Darter
		Megapodiidae	*Megapodius cumingii*	Tabon scrubfowl
Reptile	**4**			
		Varanidae	*Varanus olivaceus*	Gray's monitor lizard
			Varanus salvator cumingi	Malay monitor lizard
			Varanus salvator marmoratus	Malay monitor lizard
			Varanus salvator nuchalis	Malay monitor lizard
Amphibians	**10**			
		Ichthyophiidae	*Ichthyophis glandulosus*	Basilan caecilian
			Ichthyophis mindanaoensis	Mindanao caecilian
		Bufonidae	*Ansonia mcgregori*	Macgregor's slender toad
		Ranidae	*Limnonectes magnus*	Mindanao fanged frog
			Platymantis hazelae	Hazel's forest frog
			Platymantis insulatus	Gigante island limestone frog
			Platymantis lawtoni	Lawton's forest frog
			Platymantis rabori	Rabor's forest frog
			Rana igorota	Taylor's igorot frog
		Rhacophoridae	*Philautus schmackeri*	Mindoro tree frog

Source: Department of Environment and Natural Resources, Department Administrative Order 2004-15

Table 1.16
LIST OF OTHER THREATENED WILDLIFE SPECIES

Taxonomic Class	No. of Species	Family	Scientific Name	Common Name
Total	**9**			
Mammal	**5**			
		Viverridae	*Arctictis binturong*	Binturong
		Cynocephalidae	*Cynocephalus volans*	Flying lemur
		Cercopithecidae	*Macaca fascicularis*	Philippine macaque
		Pteropodidae	*Pteropus vampyrus*	Giant flying fox
		Tarsiidae	*Tarsius syrichta*	Philippine tarsier
Reptiles	**4**			
		Varanidae	*Varanus salvator rudicollis*	Rough-necked monitor
		Agamidae	*Hydrosaurus postulatus*	Philippine sailfin lizard
		Boidae	*Python reticulatus*	Reticulated python
			Trimeresurus flavomaculatus	Batanes pit viper

Source: Department of Environment and Natural Resources, Department Administrative Order 2004-15

Table 1.17
LIST OF OTHER WILDLIFE SPECIES

Taxonomic	No. of	Family	Scientific Name	Common Name
Total	**2**			
Birds	**1**			
		Oriolidae	*Oriolus isabellae*	Isabela oriole
Amphibians	**1**			
		Discolassidae	*Barbourula busuangensis*	Philippine flat-heartedfrog

Source: Department of Environment and Natural Resources, Department Administrative Order 2004-15

Table 1.18
LIST OF CRITICALLY ENDANGERED PLANT SPECIES

Family	No. of Species	Scientific Name	Common Name
Total	**99**		
Apocynaceae	**1**		
		Kibatalia longifolia Merr.	Malapasnit
Cyatheaceae	**1**		
		Cyathea microchlamys Holtt.	Tree Fern
Dipterocarpaceae	**14**		
		Hopea acuminata Merr.	Manggachapui/ Dalingdingan
		Hopea basilanica Foxw.	Basilan yakal
		Hopea brachyptera (Foxw.) Slooten	Mindanao narek
		Hopea cagayanensis (Foxw.) Slooten	Narek
		Hopea foxworthyi Elmer	Dalindingan
		Hopea malibato Foxw.	Yakal-kaliot
		Hopea mindanensis Foxw.	Yakal-magasusu
		Hopea philippinensi s Dyer	Gisok-gisok
		Hopea quisumbingiana Gutierrez	Quisuimbing gisok
		Hopea samarensis Gutierrez	Samar gisok
		Shorea astylosa Foxw.	Yakal
		Shorea malibato Foxw.	Yakal-malibato
		Vatica elliptica Foxw.	Kaladis narig
		Vatica pachyphylla Merr.	Thick-leafed Narig
Dryopteridaceae	**1**		
		Ctenitis paleolata Copel.	…
Ebenaceae	**4**		
		Diospyros blancoi A DC.	Kamagong/ mabolo
		Diospyros brideliifolia Elmer	Malinoag
		Diospyros cauliflora Blume	Apunan
		Diospyros poncei Merr.	Ponce kamagong
Ericaceae	**3**		
		Rhododendron javanicum (Blume) Benn. var. *schadenbergii* (Warb.) Sleum.	Malagos
		Rhododendron kochii Stein	Koch's malagos
		Rhododendron taxifolium Merr.	Yew-leafed rhododendron
Euphorbiaceae	**1**		
		Reutealis trisperma (Blanco) Airy Shaw	Baguilumbang
Hypericaceae	**1**		
		Hypericum pulogense Merr.	Pulag St. Johnswort
Isoetaceae	**1**		
		Isoetes philippinensis Merr. & Perry	Philippine Quillwort; Rogiro; Kabauingbauing
Lauraceae	**1**		
		Cinnamomum cebuense Kosterm.	Cebu kalingag
Leguminosae	**2**		
		Pterocarpus indicus Willd. forma *indicus*	Smooth narra
		Pterocarpus indicus Willd. forma *echinatus* (Pers.) Rojo	Prickly narra
Loranthaceae	**1**		
		Thaumasianthes amplifolia (Merr.) Danser	Samar mistletoe
Meliaceae	**2**		
		Aglaia pyriformis Merr.	Kanining-peneras
		Toona calantas Merr. & Rolfe	Kalantas
Myrtaceae	**4**		
		Syzygium nitidum Benth.	Maka-asim
		Tristaniopsis decorticata (Merr.) Peter G. Wilson & Waterhouse	Malabayabas
		Xanthostemon bracteatus Merr.	Mapilig
		Xanthostemon philippinensis Merr.	Bagoadlau
Nepenthaceae	**3**		
		Nepenthes argentii M Jebb & M Cheek	Argent Pitcher plant
		Nepenthes merrilliana Macfarlane	Mindanao giant Pitcher
		Nepenthes sibuyanensis J Nerz	Sibuyan Pitcher plant
Oleaceae	**3**		
		Chionanthus clementis (Quisumb. & Merr.) Kiew	Kayantol
		Chionanthus remotinervius (Merr.) Kiew	Pamoplasin
		Olea palawanensis Kiew	Palawan olive
Orchidaceae	**19**		
		Amesiella monticola J. Cootes & DP Banks	…
		Ascoglossum calopterum (Reichb. f.) Schlecter	…

Continued

Table 1.18
LIST OF CRITICALLY ENDANGERED PLANT SPECIES *(concluded)*

Family	No. of Species	Scientific Name	Common Name
		Ceratocentron fesseli Senghas	…
		Dendrobium schuetzei Rolfe	…
		Euanthe sanderiana (Reichb. f.) Schltr.	Waling-waling
		Gastrochilus calceolaris (Buch.- Ham. ex J.E. Sm.) D.Don	…
		Paphiopedilum acmodontum Schoser ex MW Wood	Lady slipper
		Paphiopedilum adductum Asher	Lady slipper
		Paphiopedilum anitum Golamco	Lady slipper
		Paphiopedilum argus (Reichb.f.) Stein	Lady slipper
		Paphiopedilum fowliei Birk	Lady slipper
		Paphiopedilum haynaldianum (Reichb.f.) Stein	Lady slipper
		Paphiopedilum hennisianum (MW Wood) Fowlie	Lady slipper
		Paphiopedilum randii Fowlie	Lady slipper
		Paphiopedilum urbanianum Fowlie	Lady slipper
		Paphiopedilum usitanum O Gruss & J Roeth	Lady slipper
		Phalaenopsis micholitzii Rolfe	…
		Phragmorchis teretifolia LO Williams	…
		Vanda lamellata Lindl. var. calayan Valmayor & D. Tiu	…
Palmae	**18**		
		Areca parens Becc.	Takobtob
		Calamus batanensis (Becc.) Baja-Lapis	Valit
		Calamus jenningsianus Becc.	…
		Calamus vinosus Becc.	…
		Daemonorops affinis Becc.	Bag-bag
		Daemonorops oligolepis Becc.	Rogman
		Daemonorops pannosus Becc.	Sabilog
		Heterospathe califrons Fernando	Yanisi
		Heterospathe dransfieldii Fernando	Dransfield sanakti
		Heterospathe scitula Fernando	Malasanakti
		Heterospathe sibuyanensis Becc.	Bilis
		Heterospathe trispatha Fernando	Tatlong bilisan
		Pinanga batanensis Becc.	Dapiau
		Pinanga bicolana Fernando	Bicol abiki
		Pinanga samarana Becc.	Samar abiki
		Pinanga sclerophylla Becc.	Abiking-tigas
		Pinanga sibuyanensis Becc.	Tibañgan
		Plectocomia elmeri Becc.	Uñgang
Peranemaceae	**1**		
		Peranema cyatheoides D. Don var. *luzonicum* (Copel.) Ching & S. H. Wu	
Polypodiaceae	**3**		
		Platycerium coronarium (Koenig ex Miller) Desv.	Staghorn fern
		Platycerium grande (Fee) Kunze	Giant staghorn fern
		Podosorus angustatus Holtt.	…
Pteridaceae	**2**		
		Pteris calocarpa (Copel.) M. G. Price	…
		Pteris pachysora (Copel.) M. G. Price	…
Rafflesiaceae	**3**		
		Rafflesia manillana Teschem.	Malaboo
		Rafflesia speciosa Barcelona & Fernando	Uruy
		Rafflesia schadenbergiana Göppert ex Hieron.	Bo-o
Rubiaceae	**2**		
		Greeniopsis pubescens Merr.	Paluay mabolo
		Villaria acutifolia (Elmer) Merr.	Tango
Rutaceae	**1**		
		Swinglea glutinosa (Blanco) Merr.	Kabuyok
Sapindaceae	**4**		
		Gongrospermum philippinense Radlk.	Kasau-kasau
		Guioa palawanica Welzen	Palawan alahan
		Guioa parvifoliola Merr.	Angset
		Guioa reticulata Radlk.	Alahan-sinima
Thelypteridaceae	**1**		
		Coryphopteris borealis Holtt.	…
Verbenaceae	**2**		
		Clerodendrum quadriloculare (Blanco) Merr.	Bagauak-morado
		Tectona philippinensis Benth. & Hook. f.	Philippine teak

Source: Department of Environment and Natural Resources, DENR Administrative Order 2007 - 01

Table 1.19
LIST OF ENDANGERED PLANT SPECIES

Family	No. of Species	Scientific Name	Common Name
Total	**187**		
Anacardiaceae	**1**		
		Mangifera odorata Griff.	Huani
Apocynaceae	**2**		
		Kibatalia puberula Merr.	Paslit-mabolo
		Kibatalia stenopetala Merr.	Paslit-kitid
Araceae	**1**		
		Alocasia sanderiana W. Bull.	…
Araliaceae	**4**		
		Schefflera agamae Merr.	Agama galamay-amo
		Schefflera albido-bracteata Elmer	Makinging
		Schefflera curranii Merr.	Curran galamay-amo
		Schefflera palawanensis Merr.	Palawan galamay-amo
Asclepiadaceae	**15**		
		Hoya alagensis Kloppenburg	…
		Hoya angustisepala Burton	…
		Hoya burtoniae Kloppenburg	…
		Hoya crasssicaulis (Elmer) Kloppenburg	…
		Hoya el-nidicus Kloppenburg	…
		Hoya gigantanganensis Kloppenburg	…
		Hoya greenii Kloppenburg	…
		Hoya halconensis Kloppenburg	…
		Hoya heuschkeliana Kloppenburg	…
		Hoya panchoi Kloppenburg	…
		Hoya pulgarensis Elmer	…
		Hoya quinquinervia Warb.	…
		Hoya quisumbingii Kloppenburg	…
		Hoya rizaliana Kloppenburg	…
		Hoya wayetii Kloppenburg	…
Centrolepidaceae	**1**		
		Centrolepis philippinensis Merr.	…
Combretaceae	**1**		
		Terminalia darlingii Merr.	Malaputat
Cyatheaceae	**17**		
		Cyathea acuminata Copel.	Tree Fern
		Cyathea apoensis Copel.	Tree Fern
		Cyathea atropurpurea Copel.	Tree Fern
		Cyathea binuangensis Alderw.	Tree Fern
		Cyathea callosa Christ	Tree Fern
		Cyathea caudata (J. Sm.) Copel.	Tree Fern
		Cyathea christii Copel.	Tree Fern
		Cyathea cinerea Copel.	Tree Fern
		Cyathea curranii Copel.	Tree Fern
		Cyathea edanoi Copel.	Tree Fern
		Cyathea ferruginea Christ	Tree Fern
		Cyathea fuliginosa (Christ) Copel.	Tree Fern
		Cyathea halconensis Christ	Tree Fern
		Cyathea heterochlamydea Copel.	Tree Fern
		Cyathea integra J. Sm. *ex* Hook.	Tree Fern
		Cyathea masapilidensis Copel.	Tree Fern
		Cyathea negrosiana Christ	Tree Fern
Cycadaceae	**5**		
		Cycas curranii (Schuste.) K.D. Hill	Curran pitogo
		Cycas edentata de Laubenf.	Pitogong dagat
		Cycas riuminiana Porté ex Regel	Pitogo
		Cycas silvestris K.D. Hill	Palawan pitogo
		Cycas wadei Merr.	Culion pitogo
Dipterocarpaceae	**5**		
		Anisoptera costata Korth.	Mindanao palosapis
		Dipterocarpus eurynchus Miq.	Basilan apitong
		Dipterocarpus philippinensis Foxw.	Hairy-leafed apitong
		Hopea plagata (Blanco) Vidal	Yakal saplungan
		Shorea ovata Dyer ex Brandis	Tiaong

Continued

Table 1.19
LIST OF ENDANGERED PLANT SPECIES *(continued)*

Family	No. of Species	Scientific Name	Common Name
Dryopteridaceae	**2**		
		Dryopteris chrysocoma (Christ) Chr.	…
		Dryopteris permagna M. G. Price	…
Ebenaceae	**4**		
		Diospyros longiciliata Merr.	Itom-itom
		Diospyros philippinensis A. DC	O-oi
		Diospyros pilosanthera Blanco	Bolong-eta
		Diospyros pyrrhocarpa Miq.	Anang
Ericaceae	**1**		
		Rhododendron subsessile Rendle	Ausip
Fabroniaceae	**1**		
		Merrilliobryum fabronioides Broth.	…
Gesneriaceae	**1**		
		Agamyla bilirana Hilliard & BL Burtt	Biliran lipstick plant
Gramineae	**1**		
		Danthonia oreoboloides (F Muell.) Stapf	Pulag carpet grass
Lauraceae	**3**		
		Cinnamomum oroi Quisumb.	Oro kalingag
		Cryptocarya palawanensis Merr.	Paren
		Litsea leytensis Merr.	Batikuling
Leguminosae	**8**		
		Afzelia rhomboidea (Blanco) Vidal	Tindalo
		Intsia bijuga (Colebr.) Kuntze	Ipil
		Kingiodendron alternifolium (Elmer) Merr. & Rolfe	Batete
		Koompassia excelsa (Becc.) Taub.	Mangis
		Sindora supa Merr.	Supa
		Strongylodon macrobotrys A Gray	Jade Vine/Tayabak
		Sympetalandra densiflora (Elmer) Steen.	Kamatog
		Wallaceodendron celebicum Koord.	Banuyo
Lejeuneaceae	**1**		
		Drepanolejeunea bakeri Herzog	…
Lycopodiaceae	**5**		
		Lycopodium halconense Copel.	…
		Lycopodium magnusianum Herter	…
		Lycopodium phlegmaria L.	…
		Lycopodium salvinioides (Herter) Tagawa	…
		Lycopodium squarrosum G. Forst.	…
Meliaceae	**1**		
		Walsura monophylla Merr.	Bukalau
Myrtaceae	**4**		
		Tristaniopsis littoralis (Merr.) Peter G. Wilson &	Taba
		Xanthostemon fruticosus Peter G. Wilson & Co	Sierra Madre mangkono
		Xanthostemon speciosus Merr.	Palawan mangkono
		Xanthostemon verdugonianus Naves	Mangkono
Melastomataceae	**14**		
		Astrocalyx calycina (Vidal) Merr.	Tanghau
		Beccarianthus ickisii Merr.	Ickis tungau
		Beccarianthus pulcherrimus (Merr.) Maxw.	Malintungau
		Medinilla banahaensis Elmer	Kalambog-lambog
		Medinilla calelanensis Elmer	Tiualos tatana
		Medinilla clementis Merr.	Gubangbang
		Medinilla compressicaulis Merr.	Salanakad
		Medinilla coronata Regalado	Pagirang
		Medinilla magnifica Lindl.	Kapa-kapa
		Medinilla palawanensis Regalado	Palawan medinilla
		Medinilla pendula Merr.	Baladu
		Medinilla stenobotrys Merr.	Lalanug
		Medinilla surigaoensis Regalado	Eastern Mindanao
		Medinilla tayabensis Merr.	Mt. Binuang medinilla
Myristicaceae	**2**		
		Knema ridsdaleana de Wilde	Ridsdale tambalau
		Myristica colinridsdalei de Wilde	Ridsdale duguan
Nepenthaceae	**8**		
		Nepenthes bellii Kondo	Kondo Pitcher plant
		Nepenthes burkei Masters	Burke Pitcher plant
		Nepenthes deaniana Macfarlane	Macfarlane Pitcher plant
		Nepenthes globamphora Sh Kurata & Toyoshima	Globamphora Pitcher plant

Continued

Table 1.19
LIST OF ENDANGERED PLANT SPECIES *(continued)*

Family	No. of Species	Scientific Name	Common Name
		Nepenthes petiolata Danser	Pitcher plant
		Nepenthes philippinensis Macfarlane	Pitcher plant
		Nepenthes truncata Macfarlane	Pitcher plant
		Nepenthes ventricosa Blanco	Pitcher plant
Orchidaceae	**36**		
		Aerides lawrenciae Reichb. f.	…
		Amesiella philippinensis (Ames) Garay	…
		Bulbophyllum stramineum Ames	…
		Bulbophyllum whitfordii Rolfe	…
		Coelogyne palawanense Ames	…
		Corybas laceratus Williams	…
		Corybas merrillii (Ames) Ames	…
		Corybas ramosianus J. Dransf.	…
		Cymbidium aliciae Quisumb.	…
		Cymbidium gonzalesii Quisumb.	…
		Dendrobium lunatum Lindl.	…
		Paphiopedilum ciliolare (Reichb. f.) Stein	…
		Phalaenopsis fasciata Reichb. f.	…
		Phalaenopsis gertrudeae Quisumb.	…
		Phalaenopsis hieroglyphica (Reichb. f.) Sweet	…
		Phalaenopsis intermedia Lindl.	…
		Phalaenopsis leucorrhoda Reichb. f.	…
		Phalaenopsis lindenii Loher	…
		Phalaenopsis lueddemanniana Reichb. f.	…
		Phalaenopsis pallens (Lindl.) Reichb. f.	…
		Phalaenopsis portei Reichb.f.	…
		Phalaenopsis pulchra (Reichb. f.) Sweet	…
		Phalaenopsis reichenbachiana Reichb. f. & Sander	…
		Phalaenopsis sanderiana Reichb. f.	…
		Phalaenopsis schilleriana Reichb. f.	…
		Phalaenopsis schiller-stuartiana Rolfe	…
		Phalaenopsis stuartiana Reichb. f.	…
		Phalaenopsis veitchiana Reichb. f.	…
		Phalaenopsis viratai Quisumb.	…
		Vanda javierae Tiu ex Fessel & Leukel	…
		Vanda scandens Holltum	…
		Vanda luzonica Loher ex Rolfe	…
		Vanda merrilli Ames & Quisumb.	…
		Vandopsis davisii Ames & Quisumb.	…
		Vandopsis kupperiana Kraenzl.	…
		Vandopsis leytensis Ames	…
Ophioglossaceae	**1**		
		Ophioglossum pendulum L.	Adder's tongue
Palmae	**8**		
		Adonidia merrillii (Becc.) Becc.	Manila Palm
		Areca camarinensis Becc.	Mono
		Calamus balerensis Fernando	Malatandurang parang
		Heterospathe brevicaulis Fernando	Marighoi-baba
		Oncosperma platyphyllum Becc.	Anibong
		Pinanga glaucifolia Fernando	Abiking-puti
		Pinanga sobolifera Fernando	…
		Salacca clemensiana Becc.	Lakaubi
Polypodiaceae	**3**		
		Lecanopteris deparioides (Cesati) Baker	Mahabac
		Lecanopteris lomarioides (Mett.) Copel.	Ant fern
		Lecanopteris luzonensis Hennip.	Ant fern
Podocarpaceae	**4**		
		Podocarpus costalis C. Presl	Igem-dagat
		Podocarpus lophatus de Laubenf.	Igem-pugot
		Podocarpus palawanensis de Laubenf. & Silba	Palawan igem
		Podocarpus rotundus de Laubenf.	Igem-bilogan
Pteridaceae	**1**		
		Pteris endoneura M. G. Price	…
Rubiaceae	**2**		
		Boholia nematostylis Merr.	…
		Mussaenda philippinensis Merr.	…
Rosaceae	**2**		
		Prunus pulgarensis (Elmer) Kalkm.	Gupit
		Prunus rubiginosa (Elmer) Kalkm.	Bakad pula

Continued

Table 1.19
LIST OF ENDANGERED PLANT SPECIES *(concluded)*

Family	No. of Species	Scientific Name	Common Name
Sapindaceae	**9**		
		Cubilia cubili (Blanco) Adelb.	Kubili
		Dimocarpus longan Lour. ssp. & var. *malesianus* Leenh.	Alupag lalaki
		Dimocarpus longan Lour. ssp. *malesianus* Leenh. var. *echinatus* Leenh.	Alupag amo
		Gloeocarpus patentivalvis (Radlk.) Radlk.	Tamaho
		Guioa acuminata Radlk.	Pasi
		Guioa discolor Radlk.	Alahan-puti
		Guioa myriadenia Radlk.	Ulas
		Guioa truncata Radlk.	Uyos
		Litchi chinensis Sonn. ssp. *philippinensis* (Radlk.) Leenh.	Alupag
Sapotaceae	**4**		
		Ganua monticola (Merr.) H.J. Lam	Betis-bundok
		Ganua obovatifolia (Merr.) Assem	Pianga
		Madhuca betis (Blanco) McBride	Betis
		Madhuca oblongifolia (Merr.) Merr.	Malabetis
Selaginellaceae	**2**		
		Selaginella atimonanensis B. C. Tan & Jermy	…
		Selaginella pricei B. C. Tan & Jermy	…
Simaroubaceae	**1**		
		Eurycoma longifolia Jack ssp. *eglandulosa* (Merr.) Noot.	Linatog
Thelypteridaceae	**1**		
		Chingia urens Holtt.	…
Tectariaceae	**2**		
		Heterogonium wenzelii (Copel.) Holtt.	…
		Tectaridium macleanii Copel.	…
Verbenaceae	**1**		
		Vitex parviflora Juss.	Molave/Molawin
Woodsiaceae	**1**		
		Diplazium egenolfioides M. G. Price	…
Zingiberaceae	**1**		
		Hedychium philippinense K. Schum.	Dainsuli

Source: Department of Environment and Natural Resources, DENR Administrative Order 2007 - 01

Table 1.20
LIST OF VULNERABLE PLANT SPECIES

Family	No. of Species	Scientific Name	Common Name
Total	**176**		
Apocynaceae	**3**	*Kibatalia elmeri* Woodson	Elmer pasnit
		Kibatalia merrilliana Woodson	Merrill pasnit
		Tabernaemontana cordata Merr.	Sakang-manok
Araceae	**2**		
		Alocasia micholitziana Sander	…
		Alocasia zebrine Schott ex van Houtte	Badiang
Anacardiaceae	**7**		
		Dracontomelon dao (Blanco) Merr. & Rolfe	Dao
		Dracontomelon edule (Blanco) Skeels	Lamio
		Koordersiodendron pinnatum (Blanco) Merr.	Amugis
		Mangifera altissima Blanco	Pahutan
		Mangifera merrillii Mukherji	Pahong-liitan
		Mangifera monandra Merr.	Malapaho
		Semecarpus paucinervius Merr.	Ligas-ilanan
Araliaceae	**1**		
		Arthrophyllum pulgarense Elmer	Higin
Asclepiadaceae	**2**		
		Hoya paziae Kloppenburg	…
		Quisumbingia merrillii (Schltr.) Merr.	…
Actindiaceae	**1**		
		Saurauia bontocensis Merr.	Dagwey
Adiantaceae	**4**		
		Adiantum cupreum Copel.	Coppery maidenhair fern
		Adiantum mindanaense Copel.	Mindanao maidenhair fern
		Adiantum scabripes Copel.	Rough maidenhair fern
		Doryopteris cuspidata Copel.	…
Alangiaceae	**1**		
		Alangium longiflorum Merr.	Malatapay
Annonaceae	**8**		
		Dasymaschalon scandens Elmer	Kalabuyo
		Mitrephora caudata Merr.	Lanutan-buntolan
		Mitrephora fragrans Merr.	Lanutan-banguhan
		Mitrephora lanotan (Blanco) Merr.	Lanotan
		Orophea creaghii (Ridley) Leonardía & Kessler	Tabingalang
		Orophea cumingiana Vidal	Mapatak
		Polyalthia elmeri Merr.	Bangar
		Polyalthia palawanensis Merr.	Palawan-lanutan
Aquifoliaceae	**1**		
		Ilex palawanica Loesen. ex Elmer	Palawan kalasan
Araucariaceae	**2**		
		Agathis celebica (Koord.) Ward	Palawan almaciga
		Agathis philippinensis Warb.	Almaciga
Aspleniaceae	**2**		
		Asplenium nidus L.	Pugad-lawin
		Asplenium vittaeforme Cav.	Dahu
Begoniaceae	**1**		
		Begonia oxysperma A. DC.	…
Bignoniaceae	**1**		…
		Radermachera coriacea Merr.	…
Blechnaceae	**1**		…
		Blechnum fraseri (A. Cunn.) Luerss.	…
Celastraceae	**1**		
		Glyptopetalum palawanense Merr.	Palawan surag
Combretaceae	**2**		
		Terminalia macrantha Merr. & Quisumb. ex Rojo	Bongoran
		Terminalia surigaensis Merr.	Dalinsoi
Cyatheaceae	**11**		
		Cyathea contaminans (Wall.) Copel.	Tree Fern
		Cyathea elmeri (Copel.) Copel	Tree Fern
		Cyathea latipinnula Copel.	Tree Fern
		Cyathea oblique Copel.	Tree Fern
		Cyathea philippinensis Baker	Tree Fern
		Cyathea robinsonii Copel.	Tree Fern
		Cyathea rufopannosa Christ	Tree Fern
		Cyathea setulosa Copel.	Tree Fern
		Cyathea sibuyanensis Copel.	Tree Fern

Continued

Table 1.20
LIST OF VULNERABLE PLANT SPECIES *(continued)*

Family	No. of Species	Scientific Name	Common Name
		Cyathea zamboangana Copel.	Tree Fern
		Dicksonia mollis Holtt.	Tree Fern
Dilleniaceae	**1**		
		Dillenia reifferscheidia Villar	Katmon-kalabau
Dipteridaceae	**1**		
		Dipteris lobbiana (Blume) Moore	…
Dipterocarpaceae	**12**		
		Dipterocarpus gracilis Blume	Panao
		Dipterocarpus hasseltii Blume	Hasselt's Panao
		Dipterocarpus kunstleri King	Broad-leafed apitong
		Shorea almon Foxw.	Almon
		Shorea contorta Vidal	White lauan
		Shorea falciferoides Foxw. ssp. *falciferoides*	Yakal-yamban
		Shorea negrosensis Foxw.	Red lauan
		Shorea polysperma (Blanco) Merr.	Tanguile
		Shorea seminis (de Vriese) Slooten	Mala-Yakal
		Vatica mangachapoi Blanco ssp. Mangachapoi	Narig
		Vatica mangachapoi Blanco ssp. *obtusifolia* (Elmer) Ashton	Palawan narig
		Vatica maritima Slooten	Narig laot
Ebenaceae	**3**		
		Diospyros curranii Merr.	Malagaitmon
		Diospyros ferrea (Willd.) Bakh. var. *buxifolia (* Rottb.) Bakh.	Bantulinaw
		Diospyros mindanaensis Merr.	Ata-ata
Euphorbiaceae	**2**		
		Balakata luzonica (Vidal) Esser	Balakat-gubat
		Securinega flexuosa Muell.-Arg.	Anislag
Fagaceae	**2**		
		Lithocarpus apoensis (Elmer) Rehd.	Apo oak
		Lithocarpus jordanae Laguna	Katiluk
Gesneriaceae	**21**		
		Aeschynanthus cuernosensis Schltr.	Cuernos lipstick plant
		Aeschynanthus curvicalyx Mendum	Cleopatra's lipstick plant
		Aeschynanthus elmeri Mendum	Elmer's lipstick plant
		Aeschynanthus firmus Kraenzl.	Lanao lipstick plant
		Aeschynanthus littoralis Schltr.	Davao lipstick plant
		Aeschynanthus madulidii Mendum	Madulid's lipstick plant
		Aeschynanthus miniaceus BL Burtt & PJB Woods	Pamingkauan
		Aeschynanthus nervosus Schltr.	Chila
		Aeschynanthus ovatus Schltr.	Round-leafed lipstick plant
		Aeschynanthus pergracilis Kraenzl.	Slender lipstick plant
		Aeschynanthus truncatus Schltr.	Truncate lipstick plant
		Agamyla biflora (Elmer) Hilliard & BL Burtt.	Twin-flowered lipstick plant
		Agamyla calelanensi s (Elmer) Hilliard & BL Burtt	Tasik-sa-lomot
		Agamyla glabra (Merr.) Hilliard & BL Burtt	Smooth lipstick plant
		Agamyla montistomasi Hilliard & BL Burtt	Benguet lipstick plant
		Agamyla parvilimba Hilliard & BL Burtt	Leyte lipstick plant
		Agamyla persimili s Hilliard & BL Burtt	Agusan lipstick plant
		Agamyla rotundiloba Hilliard & BL Burtt	Round-lobed lipstick plant
		Agamyla samarica Hilliard & BL Burtt	Samar lipstick plant
		Agamyla sibuyanensis Hilliard & BL Burtt	Sibuyan lipstick plant
		Agamyla urdanentensis (Elmer) Hilliard & BL Burtt	Balibadon
Guttiferae	**1**		
		Calophyllum laticostatum PF Stevens	Thick-veined bitanghol
Hamamelidaceae	**1**		
		Embolanthera spicata Merr.	Paningit
Lauraceae	**2**		
		Cinnamomum mercadoi Vidal	Kalingag
		Cryptocarya ampla Merr.	Bagarilau
Leguminosae	**4**		
		Cynometra inaequifolia A. Gray	Dila-dila
		Pericopsis mooniana Thwaites	Makapilit
		Sindora inermis Merr.	Kayugalo
		Strongylodon elmeri Merr.	Bindanugan
Lycopodiaceae	**1**		
		Lycopodium carinatum Desv.	…
Melastomataceae	**1**		
		Medinilla dolichophylla Merr.	Gunang

Continued

Table 1.20
LIST OF VULNERABLE PLANT SPECIES *(continued)*

Family	No. of Species	Scientific Name	Common Name
Meliacea	**9**		
		Aglaia angustifolia Miq.	Kaniuing kitid
		Aglaia cumingiana Turcz.	Alauihau
		Aglaia edulis (Roxb). Wall	Malasaging
		Aglaia rimosa (Blanco) Merr.	Balubar
		Aglaia smithii Koord.	Batukanag
		Aglaia tenuicaulis Hiern	Oksa
		Aphanamis polystachya (Wall.) RN Parker	Kangko
		Dyxosylum angustifolium (Merr.) Harms	Tarublang
		Dyxosylum oppositifolium F. Muell.	Kayatau
Moraceae	**2**		
		Artocarpus rubrovenius Warb.	Kalulot
		Artocarpus treculianus Elmer	Pakak
Myristicaceae	**1**		
		Horsfieldia samarensis de Wilde	Samar yabnob
Ophioglossaceae	**2**		
		Botrychium daucifolium Wall.	Grape fern
		Botrychium lanuginosum Wall.	Grape fern
Orchidaceae	**3**		
		Aerides leeana Reichb. f.	…
		Dendrobium sanderae Rolfe	…
		Epigeneium treacherianum Reichb. f. ex Hook. f.) Summerhayes	…
Palmae	**5**		
		Areca hutchinsoniana Becc.	Pisa
		Areca ipot Becc.	Bungang-ipot
		Areca macrocarpa Becc.	Bungang lakihan
		Corypha microclada Becc.	Biliran buri
		Livistona robinsoniana Becc.	Kayabing
Pandanaceae	**1**		
		Sararanga philippinensis Merr.	Bagaas (Panay),
Polupodiaceae	**12**		
		Aglaomorpha acuminata (Willd.) Hovenkamp	Libagod
		Aglaomorpha cornucopia (Copel.) Roos	…
		Aglaomorpha heraclea (Kunze) Copel.	Saraukong
		Aglaomorpha meyeniana (Hook.) Schott	…
		Aglaomorpha pilosa (Hook. & Bauer) Copel.	…
		Aglaomorpha splendens (Hook. & Bauer) Copel.	…
		Drynaria quercifolia (L.) J. Sm.	Pakpak-lawin
		Goniophlebium terrestre Copel.	…
		Microsorum punctatum (L.) Copel.	Barauwai
		Microsorum sarawakense (Baker) Ching	…
		Microsorum scolopendria (Burm. f.) Copel.	Barawetku
		Pyrrosia splendens (C. Presl) Ching	Turko
Psilotaceae	**3**		
		Psilotum complanatum Sw.	Flat whisk fern
		Psilotum nudum (L.) Beauv.	Whisk fern
		Tmesipteris lanceolata Dang	…
Pteridaceae	**1**		
		Taenitis cordatum (Gaud.) Holtt.	…
Ruibiaceae	**12**		
		Antherostele banahaensis (Elmer) Bremek.	…
		Antherostele callophylla Bremek.	…
		Antherostele grandistipula (Merr.) Bremek.	…
		Antherostele luzoniensis (Merr.) Bremek.	…
		Badusa palawanensis Ridsd.	Palawan palak
		Mussaenda acuminatissima Merr.	Katudai
		Mussaenda attenuifolia Elmer	Bungag
		Mussaenda chlorantha Merr.	…
		Mussaenda setosa Merr.	Sigidago
		Myrmephytum beccarii Elmer	Sibuyan ant plant
		Myrmecodia tuberosa Jack	Burebid
		Villaria fasciculiflora Quisumb. & Merr.	Otto
Rutaceae	**1**		
		Zanthoxylum integrifoliolum (Merr.) Merr.	Salai
Sapotaceae	**4**		
		Palaquium luzoniense (Fernandez-Villar) Vidal	Red nato/nato
		Palaquium mindanaense Merr.	Pinulog

Continued

Table 1.20
LIST OF VULNERABLE PLANT SPECIES *(concluded)*

Family	No. of Species	Scientific Name	Common Name
		Palaquium philippense (Perr.) C. Robinson	Malak-malak
		Pouteria villamilii (Merr.) Baehni	Villamil nato/White nato
Selaginellaceae	**2**		
		Selaginella magnifica Warb.	…
		Selaginella tamariscina (Beauv.) Spring	…
Tectariaceae	**1**		
		Tectaria stalactica M. G. Price	…
Thelypteridaceae	**5**		…
		Chingia paucipaleata Holtt.	…
		Chingia pricei Holtt.	…
		Christella subdentata Holtt.	…
		Coryphopteris squamipes (Copel.) Holtt.	…
		Cyclogramma auriculata (J. Sm.) Ching	…
Verbenaceae	**2**		
		Clerodendrum macrocalyx H.J. Lam	…
		Clerodendrum mindorense Merr.	Bagab
Woodsiaceae	**5**		
		Cornopteris irigense (Copel.) M. G. Price	…
		Diplazium costulisorum C. Presl	…
		Diplazium cultratum C. Presl	…
		Diplazium propinquum (Copel.) Alderw.	…
		Gymnocarpium oyamense (Baker) Ching	…
Zingiberaceae	**2**		
		Adelmeria paradoxa (Ridley) Merr.	Parapat
		Leptosolena haenkei C. Presl	Banai

Source: Department of Environment and Natural Resources, DENR Administrative Order 2007 - 01

Table 1.21
LIST OF OTHER THREATENED SPECIES

Family	No. of	Scientific Name	Common Name
Total	**64**		
Burseraceae	**3**		
		Canarium luzonicum (Blume) A.Gray	Piling-liitan
		Canarium ovatum Engl.	Pili
		Protium connarifolium (Perkins) Merr.	Marangub
Dilleniaceae	**2**		
		Dillenia fischeri Merr.	Fischer Katmon
		Dillenia luzoniensis (Vidal) Martelli ex Durand & Jackson	Malakatmon
Elaeocarpaceae	**2**		
		Elaeocarpus dinagatensis Merr.	Dinagat-konakan
		Elaeocarpus gigantifolius Elmer	Nabol
Euphorbiaceae	**4**		
		Antidesma obliquinervium Merr.	Aniam
		Antidesma subolivaceum Elmer	Aniam-Gubat
		Drypetes palawanensis Pax & Hoffm.	Tombong-uak
		Macaranga congestiflora Merr.	Amublit
Fagaceae	**2**		
		Lithocarpus luzoniensis (Merr.) Rehd.	Kilog
		Lithocarpus ovalis (Blanco) Rehd.	Mangasiriki
Flacourtiaceae	**2**		
		Hydnocarpus alcalae C DC	Dudua
		Xylosma palawanense Mendoza	Mansalay
Gesneriaceae	**2**		
		Monophyllaea longipes Kraenzl.	North luzon one-leafed
		Monophyllaea merrilliana Kraenzl.	Sabongaiahon
Labiatae	**2**		
		Plectranthus apoensis (Elmer) H Keng	Kalalapo-bulan
		Plectranthus merrilii H Keng	Bungbungtit
Lauraceae	**3**		
		Cinnamomum iners Reinw. ex Blume	Clove cinnamon
		Eusideroxylon zwageri Teysm. & Binn.	Tambulian (Borneo iron
		Persea philippinensis (Merr.) Elmer	Kulilisiau
Leguminosae	**4**		
		Adenanthera intermedia Merr.	Tanglin
		Entada rheedii Sprengel	Gugo
		Luzonia purpurea Elmer	Baloktot
		Parkia harbesonii Elmer	Butad
Lomariopsidaceae	**1**		
		Lomagramma pedicellata Copel.	…
Meliaceae	**3**		
		Aglaia aherniana Perkins	Alamag
		Aglaia costata Elmer ex Merr.	Manabiog
		Sandoricum vidalii Merrill	Malasantol
Myristicaceae	**7**		
		Knema alvarezii Merr.	Duhao
		Knema stenocarpa Warb.	Libago
		Myristica basilanica de Wilde	Basilan duguan
		Myristica frugifera de Wilde	…
		Myristica longipetiolata de Wilde	…
		Myristica philippensis Lamk.	Duguan
		Myristica pilosigemma de Wilde	…
Myrsinaceae	**1**		
		Ardisia romanii Elmer	Roman tagpo
Myrtaceae	**8**		
		Kania microphylla (Quisumb. & Merr.) Peter G. Wilson	Tigang-liitan
		Kania urdanetensis (Elmer) Peter G. Wilson	Sambulanan
		Metrosideros halconensis (Merr.) Dawson	Magadhan
		Syzygium cagayanense (Merr.) Merr.	Amtuk
		Syzygium ciliato-setosum (Merr.) Merr.	Lakangan
		Syzygium densinervium (Merr.) Merr.	Salakadan
		Syzygium panduriforme (Elmer) Merr.	Lauig-lauigan
		Syzygium subrotundifolium (C. Robinson) Merr.	Kalogkog-dagat
Pandanaceae	**1**		
		Pandanus basilocularis Martelli	Olango
Polypodiaceae	**2**		
		Arthromeris proteus (Copel.) Tagawa	…
		Christopteris sagitta (Christ) Copel.	Cacam-cam
Rhamnaceae	**2**		
		Ziziphus hutchinsonii Merr.	Lumuluas
		Ziziphus talanai (Blanco) Merr.	Balakat

Continued

Table 1.21
LIST OF OTHER THREATENED SPECIES *(concluded)*

Family	No. of	Scientific Name	Common Name
Rosaceae	**4**		
		Prunus subglabra (Merr.) Kalkm.	Kanumog
		Rosa luciae Franch. & Rochbr. ex Crepin	Kuyaob
		Rosa transmorrisonensis Hayata	Pauikan
		Rubus heterosepalus Merr.	Tukong
Sapindaceae	**1**		
		Guioa bicolor Merr.	Kaninging
Symplocaceae	**1**		
		Symplocos polyandra (Blanco) Brand.	Balakbakan
Tectariaceae	**1**		
		Tectaria adenophora Copel.	…
Urticaceae	**1**		
		Astrothalamus reticulatus (Wedd.) C Robinson	Lapnai
Woodsiaceae	**4**		
		Diplazium calliphyllum (Copel.) M. G. Price	…
		Diplazium macrosorum (Copel.) M. G. Price	…
		Diplazium sibuyanense (Copel.) Alderw.	…
		Diplazium vestitum C. Presl	…
Zingiberaceae	**1**		
		Vanoverberghia sepulchrei Merr.	Agbab

Source: Department of Environment and Natural Resources, DENR Administrative Order 2007 - 01

Table 1.22
LIST OF OTHER WILDLIFE SPECIES

Family	No. of Species	Scientific Name	Common Name
Total	**169**		
Aspleniaceae	**1**		
		Asplenium mantalingahanum P.M. Zamora & Co	…
Begoniaceae	**31**		
		Begonia alba Merr.	…
		Begonia angilogensis Merr.	…
		Begonia casiguranensis Merr.	…
		Begonia castilloi Merr.	…
		Begonia caudata Merr.	…
		Begonia chloroneura P. Wilkie & Sands	…
		Begonia collisiae Merr.	…
		Begonia coronensis Merr.	Coron begonia
		Begonia edanoi Merr.	…
		Begonia elatostematoides Merr.	…
		Begonia esculenta Merr.	…
		Begonia gitingensis Elmer	Guiting-guiting begonia
		Begonia isabelensis Quisumb. & Merr.	Isabela begonia
		Begonia lacera Merr.	…
		Begonia lancifolia Merr.	…
		Begonia longibracteata Merr.	…
		Begonia longinoda Merr.	…
		Begonia obtusifolia Merr.	…
		Begonia palawanensis Merr.	…
		Begonia panayensis Merr.	…
		Begonia parva Merr.	…
		Begonia perryae L.B. Smith & Wasshausen	…
		Begonia rubrifolia Merr.	…
		Begonia rufipila Merr.	…
		Begonia samarensis Merr.	…
		Begonia sarmentosa L.B. Smith & Wasshausen	…
		Begonia subtruncata Merr.	…
		Begonia urdanetensis Merr.	…
		Begonia wadei Merr. & Quisumb.	…
		Begonia weberi Merr.	…
		Begonia zamboangensis Merr.	…
Compositae	**1**		
		Merrittia benguetensis (Elmer) Merr.	Agakob
Cornaceae	**1**		
		Mastixia macrocarpa Matthew	Apanit-lakibunga
Dennstaedtiaceae	**7**		
		Dennstaedtia articulata Copel.	…
		Dennstaedtia fusca Copel.	…
		Dennstaedtia macgregorii Copel.	…
		Dennstaedtia williamsii Copel.	…
		Lindsaea apoensis Copel.	…
		Lindsaea ramosii Copel.	…
		Microlepia protracta Copel.	…
Dilleniaceae	**2**		
		Dillenia megalantha Merr.	Katmon-bayani
		Dillenia philippinensis Rolfe	Katmon
Dryopteridaceae	**7**		
		Dryopteris polita Rosenst.	…
		Dryopteris uropinna M. G. Price	…
		Polystichum copelandii (Christ) Copel.	…
		Polystichum elmeri Copel.	…
		Polystichum fuscum Copel.	…
		Polystichum nudum Copel.	…
		Psomiocarpa apiifolia C. Presl	…
Euphorbiaceae	**3**		
		Aporosa elliptifolia Merr.	Apnong-tilos
		Baccaurea odoratissima Elmer	Dilak-banguhan
		Macaranga caudatifolia Elmer	Daha
Fagaceae	**2**		
		Castanopsis philipensis (Blanco) Vidal	Philippine chestnut
		Quercus merrillii Seem.	Pungo-pungo

Continued

Table 1.22
LIST OF OTHER WILDLIFE SPECIES *(continued)*

Family	No. of Species	Scientific Name	Common Name
Flacourtiaceae	**1**		
		Flacourtia rukam Zoll. & Mor.	Bitongol
Gramineae	**3**		
		Aristida holathera Domin	…
		Cephalostachyum mindorense Gamble	Bakto
		Chionachne biaurita Hackel	…
Grammitidaceae	**12**		
		Acrosorus nudicarpus P.M. Zamora & Co	…
		Calymmodon ordinatus Copel.	…
		Ctenopteris halconensis (Copel.) Copel.	…
		Ctenopteris matutumensis Copel.	…
		Ctenopteris negrosensis (Copel.) Copel.	…
		Ctenopteris pachycaula (Copel.) Copel.	…
		Ctenopteris spongiosa (Copel.) Copel.	…
		Grammitis bulbotricha (Copel.) M. G. Price	…
		Grammitis loheriana (Christ) Copel.	…
		Grammitis microtricha Copel.	…
		Prosaptia ancestralis Copel.	…
		Xiphopteris apoensis Copel.	…
Hymenophyllaceae	**13**		
		Hymenophyllum bartlettii (Copel.) Morton	Filmy Fern
		Hymenophyllum bicolanum Copel.	Filmy Fern
		Hymenophyllum bontocense Copel.	Filmy Fern
		Hymenophyllum campanulatum Christ	Filmy Fern
		Hymenophyllum edanoi (Copel.) Morton	Filmy Fern
		Hymenophyllum pulchrum Copel.	Filmy Fern
		Hymenophyllum ramosii Copel.	Filmy Fern
		Hymenophyllum reductum Copel.	Filmy Fern
		Hymenophyllum vittatum Copel.	Filmy Fern
		Trichomanes acutum C. Presl (=Crepidomanes)	Filmy Fern
		Trichomanes crassum Copel.	Filmy Fern
		Trichomanes gracillinum Copel.	Filmy Fern
		Trichomanes zamboanganum (Copel.) Morton	Filmy Fern
Lindsaeaceae	**1**		
		Tapeinidum acuminatum Kramer	…
Lomariopsidaceae	**5**		…
		Elaphoglossum apoense Holtt.	…
		Elaphoglossum basilanicum Copel.	…
		Elaphoglossum calanasanicum Holtt.	…
		Elaphoglossum negrosensis Holtt.	…
		Lomagramma cordata Copel.	…
Matoniaceae	**1**		
		Matonia foxworthyi Copel.	…
Meliaceae	**15**		
		Aglaia grandis Korth. ex Miq.	Barongisan
		Aglaia korthalsii Miq.	Korthal gisihan
		Aglaia lancilimba Merr.	Tapuyi
		Aglaia lepthantha Merr.	Gisihan
		Aglaia leucophylla King	Bubunau
		Aglaia luzoniensis (Vidal) Merr. & Rolfe	Kuling-manuk
		Aglaia malaccensis (Ridley) Pannel	Malacca kato
		Aglaia oligophylla Miq.	Ansa
		Aglaia pachyphylla Miq.	Tukang-kalau
		Aglaia palembanica Miq.	Gasatin
		Aglaia rubiginosa (Hiern) Pannel	…
		Aglaia sexipetala Griff.	Basinau
		Aglaia squamulosa King	Bugalbal-pula
		Aglaia silvestris (M. Roemer) Merr.	Salamingal
		Aglaia teysmanniana (Miq.) Pannel	Teysmann kato
Oleandraceae	**1**		
		Oleandra benguetensis Copel.	…
Palmae	**1**		
		Areca whitfordii Becc.	Bungang gubat
Pandanaceae	**1**		
		Freycinetia sumatrana Hemsl.	…
Peranemaceae	**1**		
		Didymochlaena truncatula (Sw.) J. Sm.	…
Polypodiaceae	**1**		
		Microsorum membranifolia (R. Br.) Ching	…

Continued

Table 1.22
LIST OF OTHER WILDLIFE SPECIES *(concluded)*

Family	No. of Species	Scientific Name	Common Name
Pteridaceae	**13**		
		Pteris brevis Copel.	…
		Pteris dataensis Copel.	…
		Pteris distans J. Smith	…
		Pteris edanoi Copel.	…
		Pteris elmeri Christ	…
		Pteris loheri Copel.	…
		Pteris macgregorii Copel.	…
		Pteris melanorachis Copel.	…
		Pteris micracantha Copel.	…
		Pteris mucronulata Copel.	…
		Pteris ramosii Copel.	…
		Pteris squamipes Copel.	…
		Pteris taenitis Copel.	…
Rosaceae	**1**		
		Prunus clementis (Merr.) Kalkm.	Dalisai
Rubiaceae	**6**		
		Greeniopsis discolor Merr.	Pangalimanan
		Greeniopsis euphlebia Merr.	Buhon-buhon
		Greeniopsis megalantha Merr.	Hamagos
		Ixora palawanensis Merr.	Palawan santan
		Ixora tenuipedunculata Merr.	Suding
		Sulitia obscurinervia (Merr.) Ridsd.	…
Selaginellaceae	**1**		
		Selaginella apoensis Hieron.	…
Tectariaceae	**2**		
		Aenigmopteris mindanaensis Holtt.	…
		Tectaria lobbii (Hook.) Copel.	…
Thelypteridaceae	**23**		
		Nannothelypteris aoristisora (Harr.) Holtt.	…
		Nannothelypteris camarinensis Holtt.	…
		Nannothelypteris inaequilobata Holtt.	…
		Nannothelypteris nervosa (Fée) Holtt.	…
		Nannothelypteris philippina (C. Presl) Elmer	…
		Pronephrium bulusanicum (Holtt.) Holtt.	…
		Pronephrium clemensiae (Copel.) Holtt.	…
		Pronephrium diminutum (Copel.) Holtt.	…
		Pronephrium hosei (Baker) Holtt.	…
		Pronephrium solsonicum Holtt.	…
		Sphaerostephanos angustifolius (C. Presl) Holtt.	…
		Sphaerostephanos cartilagidens P. M. Zamora & Co	…
		Sphaerostephanos dichrotrichoides (Alderw.) Holtt.	…
		Sphaerostephanos fenixii Holtt.	…
		Sphaerostephanos hernaezii Holtt.	…
		Sphaerostephanos magnus (Copel.) Holtt.	…
		Sphaerostephanos major (Copel.) Holtt.	…
		Sphaerostephanos mindorensis Holtt.	…
		Sphaerostephanos polisianus Holtt.	…
		Sphaerostephanos spenceri (Christ) Holtt.	…
		Sphaerostephanos stenodontus (Copel.) Holtt.	…
		Sphaerostephanos tephrophyllus (Copel.) Holtt.	…
		Sphaerostephanos williamsii (Copel.) Holtt.	…
Thymelaeaceae	**2**		
		Aquilaria cumingiana (Decne.) Ridley	Butlo
		Aquilaria malaccensis Lamk.	Agar wood
Vittariaceae	**5**		
		Monogramma capillaris Copel.	…
		Vittaria hecistophylla Copel.	…
		Vittaria pachystemma Christ	…
		Vittaria subcoriacea Christ	…
		Vittaria taeniophylla Copel.	…
Woodsiaceae	**5**		
		Athyrium stramineum Copel.	…
		Diplazium bolsteri Copel.	…
		Diplazium geophilum (Copel.) Alderw.	…
		Diplazium symmetricum (Copel.) M. G. Price	…
		Diplazium tenuifolium (Copel.) M. G. Price	…

Source: Department of Environment and Natural Resources, DENR Administrative Order 2007 - 01

Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
Philippines					**241**		
NCR					**3**		
	Ninoy Aquino Parks and Wildlife Center (Quezon City)	Quezon Avenue, Diliman, Quezon City	Proc. 723/ Proc. 42	2004-Oct-25/ 1954-Jul-05		22.70 (197.80)	
	Luneta National Park*	Ermita, Manila	Proc. 234	1955-Dec-19		16.24	Under OGA
	Manila Bay Beach Resort*	Cities of Manila, Pasay and Parañaque	Proc. 41	1954-Jul-05		464.66	Under OGA
CAR					**7**		
	Upper Agno River Basin Resource Reserve	Atok, Bokod, Buguias, Itogon, Kabayan, Tublay, Kibungan, La Trinidad, Benguet Province; Hungduan & Kiangan, Ifugao; Kayapa, Nueva Viscaya	Proc. 268	2000-Apr-23		77,561.00	
	Mt. Pulog National Park*	Balbalan, Kalinga, Nueva Viscaya	Proc. 75	1987-Feb-20		11,550.00	
	Lower Agno Watershed Forest Reserve*	Tuba, Itogon, Benguet & Baguio City, San Manuel and San Nicolas, Pangasinan	Proc. 2320	1983-Nov-22		39,304.00	
	Marcos Hi-way Watershed Forest Reserve*	Agoo, La Union; Baguio City and Tuba, Benguet	Proc. 1754	1978-Jun-22		6,105.00	For dis-establishment
	Casamata Hill National Park*	Bangued, Abra	Proc. 1305	1974-Aug-26		57.00	For delisting (co-management with LGU)
	Balbalasang-Balbalan National Park*	Balbalan, Kalinga, and Apayao	R.A. 6463/ Proc. 1357	1972-Jun-17/ 1974-Dec-09		1,338.00	
	Mt. Data National Park*	Along the Baguio Bontoc National Road, Benguet, Ifugao; and Kayapa, Nueva Viscaya	Proc. 65	1936-Jun-03		5,512.00	
I - Ilocos Region					**15**		
	Kalbario-Patapat Natural Park	Pagudpud and Adams, Ilocos Norte	Proc. 1275	2007-Apr-20		3,800.00	
	Manleluag Spring Protected Landscape	Mangatarem, Pangasinan	Proc. 576	2004-Mar-10		1,935.17	
	Bessang Pass Natural Monument/Landmark	Cervantes, Ilocos Sur	Proc. 284	2000-Apr-23		693.32	
	Lidlidda Protected Landscape	Lidlidda and Banayoyo, Ilocos Sur	Proc. 266	2000-Apr-23		1,157.44	
	Sta. Lucia Protected Landscape	Salcedo, Ilocos Sur	Proc. 296	2000-Apr-23		174.16	
	Libunao Protected Landscape	Sinait, Ilocos Sur	Proc. 280	2000-Apr-23		46.70	
	Bigbiga Protected Landscape	Narvacan, Ilocos Sur	Proc. 290	2000-Apr-23		135.71	
	Agoo-Damortis Protected Landscope and Seascape	Agoo, Sto. Tomas and Rosario, La Union	Proc. 277	2000-Apr-23		10,513.30	
	Paoay Lake National Park*	Paoay, Ilocos Norte	P.D. 1554	1978-Jun-11		340.00	For delisting (co-managed with the Provincial Gov't of Ilocos Norte)
	Tanap Watershed Forest Reserve*	Burgos, Ilocos Norte	Proc. 803	1971-Feb-01		41.00	For dis-establishment
	Northern Luzon Heroes Hill National Park*	Santa Navarcan, Ilocos Sur	Proc.132	1963-Jul-09		1,316.00	For delisting (co-managed with the Municipality of Santa)
	Hundred Island National Park*	Alaminos, Pangasinan	Proc. 667	1940-Jul-18		1,844.00	Under OGA

Continued

Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Naguilian Watershed Reservation*	Naguilian, La Union	Proc. 52	1936-Apr-11		90.00	For dis-establishment
	Santa Watershed Forest Reserve*	Santa, Ilocos Sur	Proc. 844	1935-Sep-26		25.00	For delisting (To be incorporated with NLHHNP; co-managed with the Municipality of Santa)
	Ilocos Norte Metro Watershed Forest Reserve*	Pasuquin, Ilocos Norte	Proc. 731	1934-Sep-07		2,815.00	For delisting (co-managed with the LGU of Pasuquin)
II - Cagayan Valley					**15**		
	Quirino Protected Landscape	Diffun, Cabarroguis, Aglipay, Maddela & Nagtipunan, Quirino	Proc. 779	2005-Feb-03		164,364.46	
	Peñablanca Protected Landscape & Seascape	Peñablanca, Cagayan	Proc. 484	2003-Oct-06		118,781.58	
	Magapit Protected Landscape	Gattaran and Lal-lo, Cagayan	Proc. 285	2000-Apr-23		3,403.62	
	Casecnan Protected Landscape	Dupax del Norte, Dupax del Sur, Nueva Vizcaya; Madella, Quirino and Dipaculao, Aurora	Proc. 289	2000-Apr-23		88,846.80	
	Salinas Natural Monument	Bambang, Kayapa and Aritao, Nueva Vizcaya	Proc. 275	2000-Apr-23		6,675.56	
	Northern Sierra Madre Natural Park	Palanan, Divilacan, Maconacon, Ilagan, San Pablo, Cabagan, San Mariano, Dinapigue and Tumauini, Isabela	R.A. 9125/ Proc. 978	2001-Apr-22/ 1997-Mar-10		359,486.00	
	Bangan Hill National Park	Bayombong, Nueva Vizcaya	RA 7954	1995-Mar-29		13.90	
	Palaui Island Marine Reserve	Sta. Ana, Cagayan	Proc. 447	1994-Aug-28		7,415.48	
	Tumauini Watershed Forest Reserve	San Pablo, Cabagan, Maconacon, Divilacan, Isabela	Proc. 355	1994-Apr-04		17,670.00	
	Batanes Protected Landscape & Seascape	Batanes	RA 8991/ Proc. 335	2001-Jan-05/ 1994-Feb-28		213,578.00	
	Isabela (Monte-Alto Timber Resource Corporation Parcel (1&2)*	Echague and San Mariano Isabela	Proc. 20	1987-Jun-19		1,095.00	For dis-establishment
	Bawa Watershed Forest Reserve*	Gonzaga and Lal-lo, Cagayan	Proc. 108	1987-May-13		8,955.00	
	Wangag Watershed Forest Reserve*	Gonzaga and Lal-lo, Cagayan	Proc. 107	1987-May-13		6,992.00	
	Fuyot Springs National Park*	Ilagan City, Isabela	Proc. 327	1938-Oct-08		819.00	For delisting (co-managed with LGU)
	Dupax Watershed Reservation*	Dupax, Nueva Vizcaya	Proc. 720	1934-Aug-08		424.80	For delisting (co-managed with LGU)
III - Central Luzon					**25**		
	Dinadiawan River Protected Landscape	Dipaculao, Aurora	Proc. 278	2000-Apr-23		3,371.33	
	Amro River Protected Landscape	Casiguran and Dilasaga, Aurora	Proc. 274	2000-Apr-23		6,471.08	
	Talaytay Protected Landscape	Dinalungan, Aurora	Proc. 283	2000-Apr-23		3,526.29	
	Simbahan-Talagas Protected Landscape	Dinalungan, Aurora	Proc. 267	2000-Apr-23		2,266.49	
	Roosevelt Protected Landscape	Hermosa and Dinalupihan, Bataan	Proc. 273	2000-Apr-23		786.04	
	Masinloc and Oyon Bay Marine Reserve	Masinloc, Oyon, Zambales	Proc. 231	1993-Aug-18		7,568.00	

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Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Calabgan Watershed Forest Reserve*	Casiguran, Aurora	Proc. 915	1992-Jun-01		4,803.00	
	Dibalo-Pingit-Zabali-Malayat Watershed Forest Reserve*	Baler, San Luiz, Aurora	Proc. 908	1992-May-25		4,528.00	
	Doña Remedios/General Tinio Watershed*	Doña Remedios, Bulacan; Gen. Tinio, Nueva Ecija	Proc. 230	1988-Mar-23		20,760.00	
	Bataan National Park*	Hermosa, Orani, Samal, Abucay, Pila, Balanga, Bagac, and Morong Bataan; (Subic, Zambales)	Proc. 192 (Proc. 24)	1987-Nov-27 (1945-Dec-01)		23,668 (31,400.00)	
	Bataan National Park*	Hermosa, Orani, Samal, Abucay, Pila, Balanga, Bagac, and Morong Bataan; (Subic, Zambales)	Proc. 192 (Proc. 24)	1987-Nov-27 (1945-Dec-01)		23,668 (31,400.00)	
	Dipaculao Watershed Forest Reserve*	Dipaculao, Aurora	Proc. 116	1987-Jun-10		1786.00	
	Olongapo Watershed Forest Reserve*	Olongapo, Zambales	Proc. 66	1987-Mar-20		6,335.00	For delisting (managed by SBMA)
	Lake Malimanga Bird and Fish Sanctuary*	Candelaria, Zambales	Proc. 1949	1980-Mar-14		12.35	For delisting (recommended as critical habitat)
	Pantabangan-Carangalan Watershed Reservation*	Pantabangan, Caranglan, Nueva Ecija	Proc. 561	1969-May-21		84,500.00	
	Olongapo Naval Base Perimeter*	Olongapo City, Zambales	Proc. 478	1968-Oct-22		9.04	
	Angat Watershed and Forest Range (Pilot)*	Norzagaray, San Jose Del Monte, Bulacan	Proc. 391	1968-Apr-30		6,600.00	For delisting (managed by MWSS)
	Minalungao National Park*	Gapan and Gen. Tinio, Nueva Ecija	R.A. 5100	1967-Jun-11		2,018.00	For dis-establishment
	Aurora Memorial National Park*	Bongabon, Nueva Ecija and Baler, Quezon	Proc. 130	1949-May-19		5,676.00	
	Talavera Watershed Reservation*	Sta. Fe, Nueva Vizcaya, Carranglan, Lupao, San Jose and Pantabangan, Nueva Ecija	Proc. 350	1938-Dec-12		37,295.00	
	Biak-na-Bato National Park*	San Miguel, Bulacan	Proc. 223	1937-Nov-16		2,117.00	For dis-establishment
	Mt. Arayat National Park*	Arayat, Pampanga	Proc. 203	1937-Sep-16		3,715.23	
	Aurora Watershed Forest Reserve*	Aurora	Proc. 34	1936-Feb-04		430.00	
	Angat Watershed Forest Reserve*	Montalban, Rizal; San Jose Del, Monte, Norzagaray, Bulacan; and Angat, San Rafael, Nueva Ecija	Proc. 71	1927-Mar-10		55,709.10	For delisting (managed by NPC)
	Watershed Purposes of Mariveles (Palanas)*	Mariveles, Bataan	E.O. 20	1919-Feb-25		325.00	
IVA - CALABARZON					**22**		
	Upper Marikina River Basin Protected Landscape	Antipolo City; Baras, Rodriguez, San Mateo and Tanay, Rizal	Proc. 296	2011-Nov-24		26,125.64	
	Mts. Banahaw-San Cristobal Protected Landscape	Lucban, Tayabas, Sariaya Candelaria & Dolores, Quezon; Rizal, Nagcarlan, Liliw, Majayjay and San Pablo City, Laguna	RA No. 9847	2009-Dec-11		10,900.59	
	Mts. Palay-palay-Mataas-na-Gulod Protected Landscape	Ternate and Maragondon, Cavite & Nasugbu, Batangas	Proc. 1315	2007-Jun-27		3,973.13	
	Quezon Protected Landscape	Atimonan, Padre Burgos and Pagbilao, Quezon	Proc. 394	2003-Jun-02		983.00	

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Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Hinulugan Taktak Protected Landscape	Antipolo, Rizal	Proc. 412	2000-Nov-17		3.20	
	Maulawin Spring Protected Landscape	Guinayangan, Quezon	Proc. 295	2000-Apr-23		149.01	
	Buenavista Protected Landscape	Mulanay, Quezon	Proc. 294	2000-Apr-23		284.27	
	Pamitinan Protected Landscape	Rodriguez, Rizal	Proc. 901	1996-Oct-10		600.00	
	Taal Volcano Protected Landscape	Talisay, Malvar, Tanauan, Laurel, Agoncillo, Santa, Teresita, Cuenca, Alitagtag, Mataas na Kahoy, Lipa City, Balete, San Nicolas, Batangas; Tagaytay City	Proc. 906	1996-Oct-06		62,292.14	
	Binahaan River WFR*	Pagbilao, Mauban, Quezon	Proc. 735	1991-May-29		465.00	For delisting (co-managed with LGU)
	Alabat Watershed Forest Reserve*	Alabat, Quezon	Proc. 156	1987-Sep-18		688.00	For dis-establishment
	Island of Alibijaban Wilderness Area*	Ragay Gulf, Bondoc, Peninsula in Quezon	Proc. 2151	1981-Dec-29		430.00	
	Palsabangan River up to Mazintuto River Bacong River up to Sandoval Point* Palay Point up to Mulanay River Bondoc Peninsula* Bondoc River in Aurora up to Pinamutangan Point Bondoc Peninsula* San Andres to Arena Point Bondoc Peninsula*	Tayabas Bay, Quezon	Proc. 2152	1981-Dec-29		…	
	Island of Polilio, Alabat, Cabelete, Jomalig Patnanongan, Kalotkot, Kalongkooan, Palasan, Calabao, Icol, and San Rafael*	Lamon Bay, Quezon	Proc. 2152	1981-Dec-29		…	
	Unnamed NP, Wildlife Sanctuary and Game Preserve (P.D. 1636)*	Provinces of Laguna, Quezon, Rizal and Bulacan	Proc. 1636	1977-Apr-18		46,310.00	
	Infanta Watershed Forest Reserve*	Infanta, Quezon	Proc. 158	1967-Feb-13		384.00	
	Polilio Watershed Forest Reserve*	Polilio, Quezon	Proc. 72	1966-Aug-07		130.00	For delisting (co-managed with LGU as Local Conserved Area)
	Lopez Watershed Forest Reserve*	Calauag, Guinayangan and Lopez, Quezon	Proc. 566	1940-Jun-22		418.00	For dis-establishment
	Pagsanjan Gorge National Park*	Cavinti and Lucban, Laguna	Proc. 392	1939-Mar-28		152.64	Under OGA
	Calauag Watershed Forest Reserve*	Calauag, Quezon	Proc. 367	1939-Jan-02		328.00	For dis-establishment
	Mulanay Watershed Forest Reserve*	Mulanay, Quezon	Proc. 296	1938-Jul-21		26.00	For delisting (co-managed with FMS)
	Tibiang-Damagandong Watershed*	Guinayangan, Quezon	Proc. 295	1938-Jul-21		280.00	For dis-establishment
MIMAROPA					**23**		
	Tubbataha Reefs Natural Park	Cagayancillo, Palawan	Proc. 10067	2010-Apr-06		97,030.00	
	Rasa Island Wildlife Sanctuary	Narra, Palawan	Proc. 1000	2006-Feb-15		1,983.00	

Continued

Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Mt. Mantalingahan Protected Landscape	Bataraza, Brooke's Point, Sofronio Española, Quezon and Rizal, Palawan	Proc. 1815	2009-Jun-23		120,457.00	
	Marinduque Wildlife Sanctuary	Boac, Gasan, Buenavista, Torrijos and Sta. Cruz, Marinduque	Proc. 696	2004-Aug-17		8,827.96	
	Malampaya Sound Protected Landscape and Seascape	Taytay and San Vicente, Palawan	Proc. 342	2000-Jul-12		200,115.00	
	Mt. Calavite Wildlife Sanctuary	Paluan, Occidental Mindoro	Proc. 292	2000-Apr-23		18,016.19	
	Puerto Princesa Subterra-nean River National Park	Puerto Princesa, Palawan	Proc. 212	1999-Nov-12		22,202.00	
	El Nido Managed Resource Protected Area	El Nido, Palawan	Proc. 32	1998-Oct-08		89,134.76	
	Apo Reef Natural Park	Sablayan, Occidental Mindoro	Proc. 868	1996-Sep-06		15,792.00	
	Mt. Guiting-Guiting Natural Park	Cajidiocan, Magdiwang, and San Fernando, Island of Sibuyan, Romblon	Proc. 746	1996-Feb-20		15,265.48	
	Palawan Flora, Fauna and Wateshed Forest Reserve (Parcel 2)*	Puerto Princesa, Palawan	Proc. 2425	1985-Nov-22		3,224.00	For delisting (under City Government of PP)
	Palawan Flora, Fauna and Watershed Forest Reserve (Parcel 1)*	Puerto Princesa, Palawan	Proc. 2221	1982-Jul-14		4,776.00	For delisting (under City Government of PP)
	Calatrava, San Andres, San Agustin Watershed Forest Reserve*	Calatrava, San Andres, San Agustin, Tablas Island, Romblon	Proc. 2186	1982-Apr-29		2,670.00	
	Entire Province of Palawan*	Palawan	Proc. 2152	1981-Dec-29		…	For delisting (co-managed with PCSD)
	Sibuyan Island*	Romblon	Proc. 2152	1981-Dec-29		…	
	Mangrove areas along the banks of Mamburao River Buluagan River to Lagarum River, Naujan* Mangrove area in the banks of Batel Creek, Sta. Cruz* Sablayan Point up to the mouth of Bagong Sabang River* Bo. Labangan to Calalayuan Point, Ilin Island* Mangroves at the western side of Sukol River Bongabong* Mangroves at the western side of Casiliga River Island of Soguicay*	Oriental Mindoro	Proc. 2152	1981-Dec-29		…	
	Island of Sta. Cruz and Salomaque Foreshoreline of Bo. Dapdap and Alabo up to the mouth of Tagum River* Malinao Creek up to Salomaque Point * Foreshoreline of Bo. Cabuyagan to the eastern side of Dating Bayan River in Calancan Bay*	Marinduque	Proc. 2153	1981-Dec-29		…	

Continued

Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Calauit Island Game Preserve and Wildlife Sanctuary*	Calauit, New Busuanga, Palawan	PD 1578	1976-Aug-31		3,400.00	For delisting (under the PCSD management)
	Mts. Iglit Baco National Park*	Sablayan, Occidental Mindoro and Bongabon, Oriental Mindoro	Proc. 557	1969-May-08		75,445.00	
	Naujan Lake National Park*	Naujan, Pola and Victoria, Oriental Mindoro	Proc. 335	1968-Jan-25		21,655.00	
	Palawan Game Refuge and Bird Sanctuary*	Palawan	Proc. 219	1967-Jul-22		761,416.00	For delisting (Individual proclamation to be retained (Malampaya, Rasa, Puerto Princessa Subterrenean, Mt. Mantalingahan and El Nido)
	Torrijos Watershed Forest Reserve*	Torrijos, Marinduque	Proc. 463	1932-Apr-06		105.00	For dis-establishment
	Calavite and F.B. Harrison Game Refuge and Bird Sanctuary*	Sablayan and Mamburao, Occidental Mindoro	E.O. 9	1920-Jan-28		121,983.81	
V - Bicol Region					**25**		
	Mt. Isarog Natural Park	Naga City, Calabanga, Tinambac, Goa, Tigaon, Ocampo and Pili, Camarines Sur	Proc. 214	2002-Jun-20		10,112.35	
	Bicol Natural Park	Basud and Daet, Camarines Norte and Sipocot and Lupi, Camarines Sur	Proc. 43	2000-Dec-29		5,201.00	
	Bulusan Volcano Natural Park	Casiguran, Barcelona, Irosin and Juban, Sorsogon	Proc. 421	2000-Nov-27		3,672.00	
	Mayon Volcano Natural Park	Daraga, Albay, Camalig, Guinobatan, Ligao, Malilipot and Tabaco, Legaspi City, Sto. Domingo, Albay	Proc. 413	2000-Nov-21		5,775.70	
	Bongsanglay Natural Park	Batuan, Masbate	Proc. 319	2000-May-31		244.72	
	Naro Island Wildlife Sanctuary	Cawayan, Masbate	Proc. 317	2000-May-31		109.98	
	Abasig-Matogdon Mananap Natural Biotic Area	Labo, San Lorenzo Ruiz (Imelda) and San Vicente, Camarines Norte	Proc. 318	2000-May-31		5,420.12	
	Lagonoy Natural Biotic Area	Lagonoy, Camarines Sur	Proc. 297	2000-Apr-24		444.60	
	Chico Island Wildlife Sanctuary	Cawayan, Masbate	Proc. 272	2000-Apr-23		7.77	
	Malabungot Protected Landscape & Seascape	Garchitorena, Camarines Sur	Proc. 288	2000-Apr-23		120.62	
	Catanduanes Watershed Forest Reserve*	Virac, Bato, San Miguel, Pandan, Calolbon, Baras, Catanduanes	Proc. 123	1987-Jun-23		26,010.00	
	Island of Basot, Quinalaang, Malabungot*	Camarines Sur	Proc. 2151	1981-Dec-29		185.38	For dis-establishment
	Islands of Guinauyan, Naro, Chico, and Pobre*	Asia Gulf in Masbate	Proc. 2151	1981-Dec-29		23.25	For dis-establishment
	Island of Majaba and Napayuan*	Sibuyan Sea, Masbate	Proc. 2151	1981-Dec-29		18.00	For dis-establishment
	Island of Dampalit*	Samar Sea in Masbate	Proc. 2151	1981-Dec-29		…	

Continued

Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Mangrove areas from Del Pilar River to Palita Island, Bo. Salvacion and Dahican*	Camarines Norte	Proc. 2152	1981-Dec-29		…	
	Tanglar Point to Bicol River Mangroves along the banks of Looc River* Mangrove areas of Port Tambang including banks of Tambang River and Olas River* Mangroves in Bo. Gibgos and Tabaon* Mangorves along the banks of Salog River* Mangroves along the banks of Delchi River, Buang Creek, Parasan River in Inuran and Sapnitan Bay* Mangroves along the banks of Sagnay River* Quinabucaan Point to San Vicente Bay* Northern Bank of Caima River up to Bo. Binahian* Cagraray Pass to Gimbal Pt. In Cagraray Island* Island of Lahay, Locsuhin, Haponan, Quinabungan, Malabungot, Lanit & Batan*	Camarines Sur	Proc. 2152	1981-Dec-29		…	
	Pigbucan to Paron Point*	Manito, Albay	Proc. 2152	1981-Dec-29		…	
	Putiao River to Malbog River Getumbro Point up to the Municipality of Sorsogon Malazimbo Point to the Municipality of Juban in Sorsogon Bay, Mangroves along banks of Donsol River Papucha Point in Sugot up to Bo. Quidolog, Prieto Diaz boundaries divided into 2 quadrants (a) Sta. Lucia to Buenavista (b) Buenavista to Dingay Point Panuntingan Point in Gubat up to Tagdon River in Barcelona; Sinagatan Bay to Mantay Point in Ginablan	Sorsogon	Proc. 2152	1981-Dec-29		…	
	Malaquing River up to Mabung River, Cueva Point up to Kimartines Point, Kabugao Point up to Kabalog Andang Point	Burias Island	Proc. 2152	1981-Dec-29		…	
	Basin Island*	(near Burias Island)	Proc. 2152	1981-Dec-29			
	Capalonga Watershed Forest Reserve*	Capalonga, Camarines Norte	Proc. 128	1966-Nov-25		752.00	For dis-establishment
	Caramoan National Park*	Caramoan, Camarines Sur	Proc. 291	1938-Jul-20		347.00	
	Libmanan Caves National Park*	Libmanan, Camarines Sur	Proc. 654	1934-Feb-06		19.40	For dis-establishment
	Dahican Watershed Forest Reserve*	Mambulao, Camarines Norte	Proc. 592	1933-Jun-23		44.00	For dis-establishment

Continued

Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
VI - Western Visayas					**14**		
	Bulabog-Putian National Park*	Dingle and San Enrique, Iloilo	Proc. 760	1961-Jun-14		854.33	For dis-establishment
	Pan-ay River Watershed Forest Reserve*	Tapaz, Capiz	Proc. 599	1990-Jun-28		4,350.00	For dis-establishment
	Aklan River Watershed Forest Reserve*	Madalag and Libacao, Aklan	Proc. 600	1990-Jun-28		23,185.00	For delisting (Recommended to be declared as Central Panay Mountains Critical Habitat (under the Giz-DENR-LGU Climate Forest Protection Project in Panay)
	Jalaur River Watershed Forest Reserve*	Calinog, Iloilo	Proc. 601	1990-Jun-28		9,228.00	For delisting (Recommended to be declared as Central Panay Mountains Critical Habitat (under the Giz-DENR-LGU Climate Forest Protection Project in Panay)
	Ilog-Hilabungan Watershed Forest Reserve*	Himamaylan and Kabankalan, Negros Occidental	Proc. 602	1990-Jun-28		10,211.00	For dis-establishment
	Dalanas River Watershed Forest Reserve*	Barbaza, Antique	Proc. 603	1990-Jun-28		8,558.00	For delisting (Recommended to be declared as Central Panay Mountains Critical Habitat (under the Giz-DENR-LGU Climate Forest Protection Project in Panay)
	Kabangkalan Watershed Forest Reserve*	Kabangkalan, Negros Occidental	Proc. 820	1991-Oct-25		432.00	For dis-establishment
	Maasin Watershed Forest Reserve*	Cabatuan, Iloilo	Proc. 16	1923-Feb-12		6,150.00	
	Mt. Kanlaon Natural Park	Bago, La Carlota, La Castellana, Murcia, San Carlos, Negros Occidental; City of Canlaon, Vallehermoso, Negros Oriental	RA 9154 Proc. 1005	11-Aug-01 8-May-97		24,388.00	
	Sibalom Natural Park	Sibalom, Antique	Proc. 282	2000-Apr-23		5,511.47	
	Northwest Panay Peninsula Natural Park	Nabas, Malay, and Buruanga, Aklan/Libertad and Pandan, Antique	Proc. 186	2002-Apr-18		12,009.29	

Continued

Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Northern Negros Natural Park	Cities of Talisay, Silay, Victorias, Cadiz, Sagay & San Carlos, Municipalities of E.B. Magalona, Murcia, Toboso, Calatrava & Don Salvador Benedicto, Negros Occidental	Proc. 895	2002-Apr-18		80,454.50	
	Sagay Marine Reserve	Sagay City, Negros Occidental	RA 9106 Proc. 592	14-Apr-01 01-Jun-95		32,000.00	
	Taklong Island National Marine Reserve*	Nueva Valencia, Guimaras, Iloilo	Proc. 525	1990-Feb-08		1,143.45	
VII - Central Visayas					**19**		
	Central Cebu Protected Landscape	Cities of Cebu, Talisay, Toledo and Danao; Minglanilla, Consolacion, Liloan Compostela & Balamban, Cebu	RA 9486 Proc. 441	2007-Jun-07 2003-Aug-12		29,062.00	
	Islands of Budlanan, Bugatusan, Panga, Silo, Cabgan, Canconstino, Tabaon, Maagpit, and Islaet of Basilan, Bugatusan, Hayaan, Inanoran and Poom Point East of Basihan Islet*	Cebu Strait in Bohol	2151	1981-Dec-29		19.00	
	Islands of Banaon, Basaan, Saac, Tambu and Bambanon*	Camotes Sea, Bohol	2151	1981-Dec-29			
	Panglao Island Protected Seascape	Island of Panglao, Bohol	Proc. 426	2003-Jul-22		385.67	
	Balinsasayao Twin Lakes Natural Park	Valencia, Sibulan and San Jose, Negros Oriental	Proc. 414	2000-Nov-21		8,016.05	
	Rajah Sikatuna Protected Landscape	Carmen, Sierra Bullones, Valencia Garcia, Hernandez, Dimiao, Bilar, Batuan, Bohol	Proc. 287	2000-Apr-23		10,452.60	
	Alburquerque-Loay-Loboc Protected Landscape and Seascape	Alburquerque, Loay, Loboc, Bohol	Proc. 293	2000-Apr-23		1,164.16	
	Talibon Group of Islands Protected Landscape and Seascape	Talibon, Bohol	Proc. 131	1999-Jul-05		6,455.87	
	Tañon Strait Protected Seascape	Cebu, Negros Occidental and Negros Oriental	Proc. 1234	1998-May-27		450.00	
	Chocolate Hills Natural Monument	Carmen, Batuan, Sagbayan, Bilar, Valencia, Sierra Bullones, Bohol	Proc. 1037	1997-Jul-01		14,145.00	
	Apo Island Protected Landscape/Seascape	Zamboanguita, Negros Oriental	Proc. 438	1994-Aug-09		691.45	
	Olango Island Wildlife Sanctuary*	Sta. Rosa, Danganan, Lapu-Lapu, Cebu	Proc. 903	1992-May-14		920.00	
	Alijawan-Cansuhay, Anibongan River Watershed Forest Reserve*	Duero, Jagna, Bohol	Proc. 881	1992-Mar-20		3,630.00	For dis-establishment
	Island of Bantayan*	Visayan Sea in Cebu	2151	1981-Dec-29			
	Islands of Catiil, Colangaman, Lomislis, Tagangdio, Tintiman and the Islet of Pamasuan*	Caniago Channel, Bohol	2151	1981-Dec-29		210.00	
	Island of Ponson, Poro, Pacihan*	Camotes Sea, Cebu	2152	1981-Dec-29		…	

Continued

Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Island of Pamusuan, Handayan, Majanay, Islets of Bonoon, Lapinig Pinahon and Lapinig Chico, Mangrove areas east of Soom River Pangpang*	Camotes Sea, Bohol	2152	1981-Dec-29		…	
	Guadalupe Mabugnao Mainit Hot Spring NP*	Carcar, Cebu	R.A. 6429	1972-Jun-17		57.50	For dis-establishment
	Loboc Watershed Forest Reserve*	Balilihan, Bilar, Batuan, Carmen, Clarin, Garcia Hernandez, Jagna, Loboc, Lila, Sivilya, Sierra Bullones and Velencia, Bohol	Proc. 450	1953-Dec-23		19,410.00	For dis-establishment
	Island of Ambugan, Pangangan, Cabilao and Sandigan, Islet of Batas Mangrove areas east of Inabanga River to Bo. Pampang*	Cebu strait, Bohol	2152			…	
VIII - Eastern Visayas					**11**		
	Samar Island Natural Park	Basey, Calbiga, Catbalogan, Gandara, Hinabangan, Jiabong, Marabut, Matuguinao, Motiong, Paranas, San Jorge, San Jose de Buan, Pinabacdao, City of Calbayog, Samar; Arteche, Balangiga, Balangkayan, Borongan, Can-Avid, Dolores, Gen. MacArthur, Giporlos, Hernane, Jipapad, Lawaan, Llorente, Maslog, Maydolong, Oras, Quinapondan, San Julian, Sulat and Taft, Eastern Samar; Catubig, Las Navas, Lope de Vega, Mondragon and Silvino Lubos, Northern Samar	Proc. 442	2003-Aug-13		333,300.00	
	Biri Larosa Protected Landscape/Seascape	Lavezares, Rosario, San Jose, Biri and neighboring islands such as Bani, San Juan, Gilbert, Cabungon Grande and Biri Islands, Northern Samar	Proc. 291	2000-Apr-23		33,492.00	
	Cuatro Islas Protected Landscape/Seascape	Inopacan, Hindang, and neighboring Islands of Digyo, Apid Mahaba and Himukilan, Leyte	Proc. 270	2000-Apr-23		12,500.00	
	Mahagnao Volcano Natural Park	Burauen and La Paz, Leyte	Proc. 1157	1998-Feb-03		635.00	
	Lake Danao Natural Park	Ormoc, Leyte	Proc. 1151	1998-Feb-03		2,193.00	
	Calbayog-Pan-As Hayiban Protected Landscape	Calbayog Samar	Proc. 1158	1998-Feb-03		7,832.00	
	Guiuan Protected Landscape/Seascape	Guiuan and neighboring Island of Manicani, Candulo, Suluan, Tubabao, Calicoan and Homonhon, Eastern Samar	Proc. 469	1994-Sep-26		60,448.00	
	Palompon Watershed Forest Reserve*	Palompon, Villaba, Leyte	Proc. 212	1988-Jan-29		2,392.00	

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Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Mangrove areas along the coastline of Dupon Bay from Sacay Point up to the mouth of Dupon River Apali Point to Calunangan Point Puerto Bello to Lao Mangrove areas from Bo. Tuban and Bo. Manpagui in Santa Cruz*	Leyte	Proc. 2152	1981-Dec-29		…	
	Mac. Arthur Landing National Park (Imelda Park)*	Palo, Leyte	LOI 572	1977-Jul-12		6.78	For dis-establishment
	Kuapnit Balinsasayao National Park*	Baybay and Abuyog, Leyte	Proc. 142	1937-Apr-16		364.00	For dis-establishment
IX - Zamboanga Peninsula					**13**		
	Mount Timolan Protected Landscape	San Miguel, Guipos and Tigbao, Zamboanga del Sur	Proc. 354	2000-Aug-14		1,994.80	
	Basilan Natural Biotic Area	Lamitan, Sumisip, Tipotipo and Isabela, Basilan	Proc. 321	2000-May-31		4,497.00	
	Jose Rizal Memorial Protected Landscape	Dapitan City, Zamboanga del Norte	Proc. 279	2000-Apr-23		439.00	
	Great and Little Sta. Cruz Islands Protected Landscape and Seascape	Zamboanga City, Zamboanga del Sur	Proc. 271	2000-Apr-23		1,877.00	
	Selinog Island Protected Landscape and Seascape	Dapitan City, Zamboanga del Norte	Proc. 276	2000-Apr-23		960.27	
	Murcielagos Island Protected Landscape and Seascape	Labason, Zamboanga del Norte	Proc. 281	2000-Apr-23		100.00	
	Turtle Islands Wildlife Sanctuary	Municipalities of Turtle Islands, Tawi-tawi	Proc. 171	1999-Aug-26		242,967.00	
	Dumanquilas Protected Landscape/Seascape	Malangas, Buug, Kumalarang,Lapuyan, Margosatubig and Vencenso Sagun, Zambo del Sur	Proc. 158	1999-Aug-10		25,948.00	
	Pasonanca Natural Park	Zamboanga City	Proc. 132	1999-Jul-05		12,107.00	
	Aliguay Island Protected Landscape/Seascape	Dapitan City, Zamboanga del Norte	Proc. 106	1999-May-06		1,187.51	
	Siocon Resource Reserve	Siocon, Zamboanga del Norte	Proc. 84	1999-Feb-24		793.74	
	Buug Natural Biotic Area	Buug, Zamboanga del Sur	Proc. 63	1998-Dec-22		1,095.00	
	Mangrove areas from the municipality of Tagalisay to the mouth of Tigbao River including east of Vitali Island*	Sibugay Bay, Zamboanga del Sur	2151	1981-Dec-29		…	
X - Northern Mindanao					**12**		
	Mt. Malindang Natural Park	Oroquieta City, Ozamiz Tangub City, Concepcion, Sapang Dalaga, Calamba, Aloran, Panaon, Jimenez, Sinacaban, Tudela, Clarin, Bonifacio, Don Victoriano and Lopez Jaena, Misamis Occidental	RA 9304 Proc. 228	2004-Jul-30 2002-Aug-02		34,694.00	
	Mt. Kitanglad Range Natural Park	Talakag, Baungon, Libona, Manolo Fortich, Sumilao, Impasug-ong, Malaybalay and Lantapan, Bukidnon	RA 8978 Proc. 896	2000-Nov-09 1996-Oct-24		31,235.19	
	Mimbilisan Protected Landscape	Talisayan and Balingoan, Misamis Oriental	Proc. 9494	2007-Aug-22		66.00	
	Mt. Inayawan Range Natural Park	Nunungan, Lanao del Norte	Proc. 1344	2007-Jul-30		3,632.74	

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Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(continued)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
	Mt. Balatukan Range Natural Park	Claveria, Balingasag, Medina and Gingoog City, Misamis Oriental	Proc. 1249	2007-Mar-06		8,423.00	
	Timpoong and Hibok-hibok Natural Monument	Mambajao, Mahinog, Sagay and Catarman, Camiguin	Proc. 570	2004-Mar-09		2,227.62	
	Initao-Libertad Protected Landscape & Seascape	Initao and Libertad, Misamis Oriental	Proc. 260	2002-Sep-16		1,300.78	
	Baliangao Protected Landscape/ Seascape	Baliangao, Misamis Occidental	Proc. 418	2000-Nov-22		295.00	
	Mt. Kalatungan Range Natural Park	Talakag, Valencia, Maramag and Pangantucan, Bukidnon	Proc. 305	2000-May-05		21,247.73	
	Mangrove areas from Liangan River up to Lipatan River of the Municipality of Lapayan*	Lanao del Norte	Proc. 2152	1981-Dec-29		…	
	Bo. Bagumbang to Malautan River*	Ozamis City, Misamis Occidental	Proc. 2152	1981-Dec-29		…	
	Mahugunao Watershed Forest Reserve*	Cagayan, Misamis Oriental	Proc. 470	1932-Apr-29		136.00	For dis-establishment
XI - Davao Region					**10**		
	Mt. Apo Natural Park	Kidapawan City, Makilala Magpet, Cotabato; Sta. Cruz, Bansalan, Digos City, Davao del Sur and Davao City	RA 9237/ Proc. 882	2004-Feb-03 1996-Sep-24		54,974.48	
	Aliwagwag Protected Landscape	Boston and Cateel, Davao Oriental Compostela, Compostela Valley	Proc. 139	2011-Apr-05		10,491.33	
	Mati Protected Landscape	Mati, Davao Oriental	Proc. 912	2005-Sep-06		914.26	
	Mt. Hamiguitan Range Wildlife Sanctuary	Mati, San Isidro and Governor Generoso, Davao Oriental	R.A. 9303	2004-Jul-30		6,834.00	
	Mainit Hotspring Protected Landscape	Nabunturan, Compostela Valley	Proc. 320	2000-May-31		1,374.00	
	Mabini Protected Landscape and Seascape	Mabini, Compostela Valley; Davao Gulf, Davao del Sur	Proc. 316	2000-May-31		6,106.00	
	Baganga Protected Landscape	Baganga, Davao Oriental	Proc. 269	2000-Apr-23		114.88	
	Pujada Bay Protected Landscape/ Seascape	Mati, Davao Oriental	Proc. 431	1994-Jul-31		21,200.00	
	Mangrove areas from Baculin Point to lakud Point-Mangrove areas from Tanuip Point in Banao to Kinablangan Island* and Island of Samal*	Davao	Proc. 2152	1981-Dec-29			
	Malagos Watershed Reservation*	Guianga, Davao City	Proc. 612	1933-Aug-31		235.32	For dis-establishment
XII - SOCCSKSARGEN					**5**		
	Sarangani Bay Protected Seascape	Maitum, Kiamba, Maasim, Sarangani	Proc. 756	1996-Mar-05		215,950.00	
	Mt. Matutum Protected Landscape	Tupi, Tampakan, Palomolok, South Cotabato and Malungon, Sarangani	Proc. 552	1995-Mar-20		15,600.00	
	Libungan Watershed Forest Reserve*	Libungan and Alamada, North Cotabato	Proc. 563	1990-May-03		52,820.00	For dis-establishment
	Allah Valley Watershed Forest Reserve*	Isulan, Banga, Surallah, Sultan Kudarat; Kiamba, South Cotabato	Proc. 2455	1985-Sep-24		92,450.00	For dis-establishment
	Lake Buluan Game Refuge and Bird Sanctuary*	Koronadal, Buluan, Kidapawan, North Cotabato	Proc. 56	1926-Dec-01		6,300.00	

Continued

Table 1.23
LIST AND STATUS OF PROTECTED AREAS IN THE PHILIPPINES *(concluded)*
As of 2012
(Area in hectares)

Region	Name of Reserve	Location	Issuances		Total	Area	Remarks
			Proc./R.A.	Date			
XIII - Caraga					**10**		
	Alamio, Buyaan, Carac-an, Panikian Rivers and Sipangpang Falls Watershed Forest Reserves	Carrascal, Cantilan and Madrid, Surigao del Sur; Jabonga, Santiago and Cabadbaran, Agusan del Norte	Proc. 1747	2009-Mar-23		43,601.00	
	Agusan Marsh Wildlife Sanctuary	San Francisco, Rosario, Bunawan, Veruela Loreto and Lapaz, Agusan del Sur	Proc. 913	1996-Oct-31		14,835.99	
	Siargao Protected Landscape/Seascape	Siargao, Surigao del Norte	Proc. 902	1996-Oct-10		278,914.13	
	Cabadbaran Watershed*	Cabadbaran, Agusan del Norte	Proc. 834	1991-Nov-13		16,025.00	
	Andanan River Watershed Forest Reserve*	Sibagat and Bayugan, Agusan del Sur	Proc. 734	1991-May-29		15,097.00	
	Surigao Watershed Forest Reserve*	Sison, Malinao, San Francisco, Surigao del Norte	Proc. 635	1990-Aug-29		967.00	
	Islands of Lamagon, Cepaya and Cobeto*	Panag Bay, Surigao del Norte	Proc. 2151	1981-Dec-29		…	
	Island of Rasa*	Hinatuan Passage, Surigao del Norte	Proc. 2151	1981-Dec-29		…	
	Island of Awasan, Cabilan, Capaquian, Sugbuhan and Tagboaba*	Awasan Bau, Surigao del Norte	Proc. 2151	1981-Dec-29		…	
	Island of Dinagat, Hikdop, Sibate, Hanigad*	Surigao Strait, Surigao del Norte	Proc. 2152	1981-Dec-29		…	
ARMM					**12**		
	Lake Lanao Watershed Reservation*	Lanao del Sur	Proc. 871	1992-Feb-23		180.46	
	Mangrove areas in Tumalong Bay, Baong Riber and Pongao Bay, Mangrove areas from Malubog including up to the Municipality of Sambalawan including the Island of Pisan; Island of Sagayapan Tintauan and Sacol*	Zamboanga del Sur	Proc. 2152	1981-Dec-29		…	
	South Upi Watershed Forest Reserve*	South Upi, Maguindanao	Proc. 65	1987-Feb-20		1,894.20	
	Lake Butig National Park*	Butig, Lanao del Sur	R.A. 4190	1965-May-05		68.00	
	Lake Dapao National Park*	Pualas, Lanao del Sur	R.A. 4190	1965-May-05		1,500.00	
	Pantuwaraya Lake National Park*	Saguiran, Lanao del Sur	R.A. 4190	1965-May-05		…	
	Rungkunan National Park*	Ramain, Lanao del Sur	R.A. 4190	1965-May-05		…	
	Salikata National Park*	Lumba Bayambao, Lanao del Sur	R.A. 4190	1965-May-05		20.00	
	Sacred Mountain National Park*	Maraui City	R.A. 4190	1965-May-05		94.00	
	Mado Hotspring National Park*	Awang, Cotabato	R.A. 456	1939-Sep-25		48.00	
	Mt. Dajo National Park*	Patikul and Talisay, Sulu	Proc. 261	1938-Feb-28		213.35	
	Mangrove areas along the municipalities of Lavigan and Valencia up to Taon River of the municipality of Barcelona*	Surigao del Sur	Proc. 2152	1981-Dec-29		…	

*Initial Component
Source: Department of Environment and Natural Resources, Biodiversity Management Bureau, Technical Bulletin 2013-01

Table 1.24
LIST OF PROCLAIMED PROTECTED AREAS
UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS)
As of May 9, 2012
(Area in hectares)

Region	No. of Protected Areas	Name of Protected Area	Location
Philippines	**113**		
NCR	**1**		
		Ninoy Aquino Parks & Wildlife Center	Quezon City
CAR	**1**		
		Upper Agno River Basin Resource Reserve	Atok, Buguias, Itogon, Kabayan, Tublay, Kibungan, La Trinidad, Benguet; Hungduan and Kiangan, Ifugao; Kayapa, Nueva Vizcaya
I - Ilocos Region	**8**		
		Kalbario-Patapat Natural Park	Pagudpud and Adams, Ilocos Norte
		Manleluag Spring Protected Landscape	Mangatarem, Pangasinan
		Agoo-Damortis Protected Landscape and Seascape	Agoo, Sto. Tomas and Rosario, La Union
		Libunao Protected Landscape	Sinait, Ilocos Sur
		Bigbiga Protected Landscape	Narvacan, Ilocos Sur
		Santa Lucia Protected Landscape	Salcedo, Ilocos Sur
		Baesang Pass Natural Monument/Landmark	Cervantes, Ilocos Sur
		Lidlidda Protected Landscape	Lidlidda and Banayoyo, Ilocos Sur
II - Cagayan Valley	**10**		
		Quirino Protected Landscape	Diffun, Cabarroguis, Aglipay, Madella and Nagtipunan, Quirino
		Peñablanca Protected Landscape and Seascape	Peñablanca, Cagayan
		Magapit Protected Landscape	Gattaran and Lal-lo, Cagayan
		Casecnan Protected Landscape	Dupax del Norte and Dupax del Sur, Nueva Vizcaya ; Madella, Quirino and Dipaculao, Aurora
		Salinas Natural Monument	Bambang, Kayapa and Aritao, Nueva Vizcaya
		Northern Sierra Madre Natural Park	Palanan, Divilacan, Maconacon, Ilagan, San Pablo, Cabagan, San Mariano, Dinapigue and Tumauini, Isabela
		Batanes Protected Landscape and Seascape	Basco, Itbayat, Ivana, Mahatao, Sabtang and Uyugan, Batanes
		Bangan Hill National Park	Bayombong, Nueva Vizcaya
		Palaui Island Marine Reserve	Sta. Ana, Cagayan
		Tumauini Watershed Forest Reserve	San Pablo, Cabagan, Tumauini and Bayombong, Isabela
III - Central Luzon	**6**		
		Roosevelt Protected Landscape	Dinalupihan and Hermosa, Bataan
		Simabahan-Talagas Protected Landscape	Dinalungan, Aurora
		Amro River Protected Landscape	Casiguran and Dilasag, Aurora

Table 1.24 ***(continued)***

Protected Area	Buffer Zone	Terrestrial		Marine		Proclamation	
		Protected Area	Buffer Zone	Protected Area	Buffer Zone	Number	Date
3,569,092.8	**223,843.5**	**2,197,009.9**	**203,330.2**	**1,372,083.0**	**20,513.3**		
22.7	…	22.7	…	…	…	723	2004-Oct-25
77,561.0	…	77,561.0	…	…	…	268	2000-Apr-23
3,800.0	1,937.0	3,800.0	1,937.0	…	…	1275	2007-Apr-20
1,935.2	965.1	1,935.2	965.1	…	…	576	2004-Mar-10
10,513.3	…		…	10,513.3	135.6	277	2000-Apr-23
46.7	…	46.7	…	…	…	280	2000-Apr-23
135.7	…	135.7	…	…	…	290	2000-Apr-23
174.2	…	174.2	…	…	…	296	2000-Apr-23
693.3	427.8	693.3	427.8	…	…	284	2000-Apr-23
1,157.4	…	1,157.4	…	…	…	266	2000-Apr-23
164,364.5		164,364.5	…	…	…	779 548	2004-Feb-09
118,781.6		118,781.6	…	…	…	484	2003-Oct-06
3,403.6		3,403.6	…	…	…	285	2000-Apr-23
88,846.8		88,846.8	…	…	…	289	2000-Apr-23
6,675.6		6,675.6	…		…	275	2000-Apr-23
359,486.0		359,486.0	…	…	…	RA 9125 978	2001-Feb-22 1997-Mar-10
213,578.0		213,578.0	…	…	…	RA 8991 335	2001-Jan-05 1994-Feb-28
13.9		13.9	…	…	…	RA 7954	1995-Mar-29
7,415.5			…	7,415.5	…	447	1994-Aug-28
17,670.0		17,670.0	…	…	…	355	1994-Apr-04
786.0		786.0	…	…	…	273	2000-Apr-23
2,266.5		2,266.5	…	…	…	267	2000-Apr-23
6,471.1		6,471.1	…	…	…	274	2000-Apr-23

Continued

Table 1.24
LIST OF PROCLAIMED PROTECTED AREAS
UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS) *(continued)*
As of May 9, 2012
(Area in hectares)

Region	No. of Protected Areas	Name of Protected Area	Location
		Dinadiawan River Protected Landscape	Dipaculao, Aurora
		Talaytay Protected Landscape	Dinalungan, Aurora
		Masinloc and Oyon Bays Marine Reserve	Masinloc and Oyon Bay, Zambales
IVA - CALABARZON	**9**		
		Upper Marikina River Basin Protected Landscape	Antipolo City, Baras, Rodriguez, San Mateo, and Tanay, Rizal
		Mts. Palay-Palay- Mataas-Na-Gulod Protected Landscape	Temate and Maragondon, Cavite; Nasugbu, Batangas
		Mts. Banahaw-San Cristobal Protected Landscape	Lucban, Tayabas, Sariaya, Candelaria and Dolores, Quezon; Rizal, Nagcarlan, Liliw, Majayajay and San Pablo City, Laguna
		Quezon Protected Landscape	Atimonan, Pagbilao and Padre Burgos, Quezon
		Hinulugan Taktak Protected Landscape	Antipolo, Rizal
		Buenavista Protected Landscape	Mulanay, Quezon
		Maulawin Spring Protected Landscape	Guinayangan, Quezon
		Pamitinan Protected Landscape	Rodriguez, Rizal
		Taal Volcano Protected Landscape	Talisay, Malvar, Tanuan City, Laurel, Agoncillo, Sta. Teresita, Cuenca, Alitagtag, Mataas na Kahoy, Lipa City, Balele and San Nicolas, Batangas ; Tagaytay City, Cavite
MIMAROPA	**10**		
		Mt. Mantalingahan Protected Landscape	Bataraza, Brooke's Point, Sofronio Española, Quezon and Rizal, Palawan
		Rasa Island Wildlife Sanctuary	Narra, Palawan
		Tubbataha Reef Natural Park	Cagayancillo, Palawan
		Marinduque Wildlife Sanctuary	Boac, Gasan, Buenavista, Torrijos and Sta. Cruz, Marinduque
		Malampaya Sound Protected Landscape and Seascape	Taytay and San Vicente, Palawan
		Mt. Calavite Wildlife Sanctuary	Paluan, Occidental Mindoro
		Puerto Princesa Subterranean River Natural Park	Puerto Princesa City, Palawan
		El Nido Managed Resource Protected Area	El Nido, Palawan
		Apo Reef Natural Park	Sablayan, Occidental Mindoro
		Mt. Guiting-Guiting Natural Park	Cajidiocan, Magdiwang and San Fernando, Sibuyan Island, Romblon

Table 1.24 *(continued)*

Protected Area	Buffer Zone	Terrestrial		Marine		Proclamation	
		Protected Area	Buffer Zone	Protected Area	Buffer Zone	Number	Date
3,371.3		3,371.3	…	…	…	278	2000-Apr-23
3,526.3		3,526.3	…	…	…	283	2000-Apr-23
7,568.0			…	7,568.0	…	231	1993-Aug-18
26,125.6		26,125.6	…	…	…	296	2011-Nov-24
3,973.1		3,973.1	…	…	…	1315	2007-Jun-27
10,900.6		10,900.6	…	…	…	RA 9847 411	2009-Dec-11 2003-Jun-25
983.0		983.0	…	…	…	394	2003-Jun-02
3.2		3.2	…	…	…	412	2000-Nov-17
284.3		284.3	…	…	…	294	2000-Apr-23
149.0		149.0	…	…	…	295	2000-Apr-23
600.0		600.0	…	…	…	901	1996-Oct-10
62,292.1		62,292.1	…	…	…	923	1996-Nov-19
120,457.0		120,457.0	…	…	…	1815	2009-Jun-23
1,983.0		1,983.0	…	…	…	1000	2006-Feb-15
97,030.0	10 nautical mile		…	97,030.0	10 nautical mile	RA 10067 1126	2010-Apr-06 2006-Aug-23
8,828.0		8,828.0	…	…	…	696	2004-Aug-17
200,115.0			…	200,115.0		342	2000-Jul-12
18,016.2		18,016.2	…	…	…	292	2000-Apr-23
22,202.0		22,202.0	…	…	…	212	1999-Nov-12
89,134.8			…	89,134.8		32	1998-Oct-08
15,792.0	11,677.0		…	15,792.0	11,677.0	868	1996-Sept-06
15,265.5		15,264.5	…	…	…	746	1996-Feb-20

Continued

Table 1.24
LIST OF PROCLAIMED PROTECTED AREAS
UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS) *(continued)*
As of May 9, 2012
(Area in hectares)

Region	No. of Protected Areas	Name of Protected Area	Location
V - Bicol Region	**10**		
		Mt. Isarog Natural Park	Naga, Calabanaga, Tinambac, Goa, Tigaon and Pili, Camarines Sur
		Bulusan Volcano Natural Park	Casiguran, Barcelona, Irosin and Juban, Sorsogon
		Mayon Volcano Natural Park	Ligao, Guinobatan, Camalig, Damaga, Legazpi City, Sto. Domingo, Malilipot and Tobaco, Albay
		Naro Island Wildlife Sanctuary	Cawayan, Masbate
		Abasig-Matogdon Mananap Natural Biotic Area	San Vicente, San Lorenzo Ruiz, and Labo, Camarines Norte
		Bongsalay Natural Park	Batuan, Masbate
		Bicol Natural Park	Basud and Daet, Camarines Norte ; Sipocot and Lupi, Camarines Sur
		Lagonoy Natural Biotic Area	Lagonoy, Camarines Sur
		Chico Island Wildlife Sanctuary	Cawayan, Masbate
		Malabungot Protected Landscape and Seascape	Garchitorena, Camarines Sur
VI - Western Visayas	**5**		
		Northern Negros Natural Park	Talisay City, Silay City, Victoria City, Cadiz City, Sagay City, San Carlos City, Magalona, Murcia, Toboso, Calatrava and Don Salvador Benedict, Negros Occidental
		Northwest Panay Peninsula Natural Park	Nabas, Malay and Buruanga, Aklan ; Libertad and Pandan, Antique
		Sibalom Natural Park	Sibalom, Antique
		Mt. Kanlaon Natural Park	Bago City, La Carlota City, San Carlos City, La Castellana and Murcia, Negros Occidental ; Canlaon City and Valle Hermoso, Negros Oriental
		Sagay Marine Reserve	Sagay City, Negros Occidental
VII - Central Visayas	**9**		
		Panglao Island Protected Seascape	Dauis and Panglao, Bohol
		Central Cebu Protected Landscape	Cebu City, Talisay City, Toledo City, Danao City, Minglanilla, Consolacion, Liloan, Compostela and Balamban, Cebu
		Balinsasayao Twin Lakes Natural Park	Valencia, Sibulan and San Jose Negros Oriental
		Rajah Sikatuna Protected Landscape	Carmen, Sierra Bullones, Garcia Hernandez, Valencia, Dimiao, Bilar and Batuan, Bohol
		Alburquerque-Loay-Loboc Protected Landscape/Seascape	Alburquerque, Loay and Loboc, Bohol

Table 1.24 ***(continued)***

Protected Area	Buffer Zone	Terrestrial		Marine		Proclamation	
		Protected Area	Buffer Zone	Protected Area	Buffer Zone	Number	Date
10,112.4		10,112.4	…	…	…	214	2002-Jun-20
3,672.0		3,672.0	…	…	…	421	2000-Nov-27
5,775.7		5,775.7	…	…	…	413	2000-Nov-21
110.0		110.0	…	…	…	317	2000-May-31
5,420.1		5,420.1	…	…	…	318	2000-May-31
244.7		244.7	…	…	…	319	2000-May-31
5,201.0		5,201.0	…	…	…	43	2000-Dec-29
444.6		444.6	…	…	…	297	2000-Apr-24
7.8		7.8	…	…	…	272	2000-Apr-23
120.6			…	120.6		288	2000-Apr-23
80,454.5		80,454.5	…	…	…	895	2005-Aug-15
12,009.3		12,009.3	…	…	…	186	2002-Apr-18
5,511.5		5,511.5	…	…	…	282	2000-Apr-23
24,388.0	169.0	24,388.0	169.0	…	…	RA 9154 1005	2001-Aug-11 1997-May-08
32,000.0			…	32,000.0	…	RA 9106 592	2001-Apr-14 1995-Jun-01
385.7			…	385.7	…	426	2003-Jul-22
29,062.0	788.0	29,062.0	788.0	…	…	441 RA 9486	2003-Aug-12 2007-Jun-07
8,016.1		8,016.1	…	…	…	414	2000-Nov-21
10,452.6		10,452.6	…		…	287	2000-Apr-23
1,164.2			…	1,164.2	…	293	2000-Apr-23

Continued

Table 1.24
LIST OF PROCLAIMED PROTECTED AREAS
UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS) *(continued)*
As of May 9, 2012
(Area in hectares)

Region	No. of Protected Areas	Name of Protected Area	Location
		Talibon Group of Islands Protected Landscape/Seascape	Talibon, Bohol
		Tañon Strait Protected Landscape/Seascape	Manjuyod, Bindoy, Ayungon, Tayasan, Jimalalud, La Libertad, Guihulngan and Vallehermoso, Negros Oriental; Alegria, Damanjug, Moalboal, Ronda, Malabuyoc, Medellin, Ginatilan, Daanbantayan & San Remigio, Cebu ; Escalante, San Carlos City, Sipaway and Toboso, Negros Occidental
		Chocolate Hills Natural Monument	Carmen, Batuan, Sagbayan, Bilar, Valencia and Sierra Bullones, Bohol
		Apo Island Protected Landscape/Seascape	Zamboanguita, Negros Oriental
VIII - Eastern Visayas	**10**		
		Samar Island Natural Park	Basey, Calbiga, Catbalogan, Gandara, Hinubangan, Jiabong, Marabut, Matuguinao, Motiong, Paranas, San Jorge, San Jose de Buan, Pinabacdao and Calbayog, Samar ; Arteche, Balanginga, Balangkayan, Borongan, Can-Avid, Dolores, Gen. MacArthur, Hermani, Gipoloros, Jipapad, Lawaan, Oras, Llorente, Maslog, Maydolong, Quinapodan, San Julian, Sulat and Taft, Eastern Samar ; Catubig, Las Navas, Lope de Vega, Mondragon and Silvino Lubos. Northern Samar
		Biri Larosa Protected Landscape/Seascape	Lavezares, Rosario, San Jose, Biri, Bani Is., San Juan Is., Cabungon Is., and Grande Is., Northern Samar
	10	Cuatro Islas Protected Landscape/Seascape	Inopacan, Hindang, Digyo Is., Apid Is., Mahaba Is., and Himukilan Is., Leyte
		Taft Forest Wildlife (Philippine Eagle) Sanctuary	Taft, Eastern Samar
		Jicontol Natural Park	Maslog, Dolores and Can Avid, Eastern Samar
		Mahagnao Volcano Natural Park	Burauen and La Paz, Leyte
		Lake Danao Natural Park	Ormoc City, Leyte
		Calbayog-Pan-As Hayiban Protected Landscape	Calbayog, Samar
		Calbiga Caves Protected Landscape	Calbiga, Wright and Hinabangan, Samar
		Guiuan Protected Landscape/Seascape	Guiuan, Eastern Samar

Table 1.24 ***(continued)***

Protected Area	Buffer Zone	Terrestrial		Marine		Proclamation	
		Protected Area	Buffer Zone	Protected Area	Buffer Zone	Number	Date
6,456.9			…	6,456.9	…	131	1999-Jul-05
450.0			…	450.0	…	1234	1998-May-27
14,145.0		14,145.0	…	…	…	1037	1997-Jul-01
691.5			…	691.5	…	438	1994-Aug-09
333,300.0	125,400.0	333,300.0	125,400.0	…	…	442	2003-Aug-13
33,492.0			…	33,492.0	…	291	2000-Apr-23
12,500.0			…	12,500.0	…	270	2000-Apr-23
3,729.0		3,729.0	…	…	…	155	1999-Jul-31
6,483.0		6,483.0	…	…	…	1156	1998-Feb-03
635.0		635.0	…	…	…	1157	1998-Feb-03
2,193.0		2,193.0	…	…	…	1155	1998-Feb-03
7,832.0		7,832.0	…	…	…	1158	1998-Feb-03
2,968.0		2,968.0	…		…	1126	1997-Nov-04
60,448.0			…	60,448.0	…	469	1994-Sept-26

Continued

Table 1.24
LIST OF PROCLAIMED PROTECTED AREAS
UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS) *(continued)*
As of May 9, 2012
(Area in hectares)

Region	No. of Protected Areas	Name of Protected Area	Location
IX - Zamboanga Peninsula	**12**		
		Basilan Natural Biotic Area	Lamitan, Sumisip, Tipo-tipo and Isabela, Basilan
		Mount Timolan Protected Landscape	San Miguel, Guipos and Tigbao, Zamboanga del Sur
		Jose Rizal Memorial Protected Landscape	Dapitan City, Zamboanga del Norte
		Great and Little Sta. Cruz Islands Protected Landscape and Seascape	Zamboanga City, Zamboanga del Sur
		Selinog Island Protected Landscape and Seascape	Dapitan City, Zamboanga del Norte
		Murcielagos Island Protected Landscape and Seascape	Labason, Zamboanga del Norte
		Aliguay Island Protected Landscape and Seascape	Dapitan City, Zamboanga del Norte
		Pasonanca Natural Park	Zamboanga City, Zamboanga del Sur
		Siocon Resource Reserve	Siocon, Zamboanga del Norte
		Turtle Islands Wildlife Sanctuary	Southwestern Sulu Sea, Tawi-Tawi
		Dumanquilas Bay Protected Landscape and Seascape	Malangas, Buug, Kumalarang, Lapuyan, Margosatubig and Vencenso Sagun, Zamboanga del Sur
		Buug Natural Biotic Park	Buug, Zamboanga del Sur
X - Northern Mindanao	**9**		
		Mt. Inayawan Range Natural Park	Nunungan, Lanao del Norte
		Mt. Timpoong and Hibok-hibok Natural Monument	Mambajao, Mahinog, Sagay and Catarman, Camiguin
		Initao-Libertad Protected Landscape and Seascape	Initao and Libertad, Misamis Oriental
		Mt. Malindang Natural Park	Oroquieta City, Ozamiz City, Tangub City, Concepcion, Sapang Dalaga, Calamba, Aloran, Panaoan, Jimenez, Sinacaban, Tudela, Clarin, Bonifacio, Don Victoriano and Lopez Jaena, Misamis Occidental
		Mt. Balatukan Range Natural Park	Claveria, Balingasag, Medina and Gingoog City, Misamis Oriental
		Mt. Malindang Natural Park	Oroquieta City, Ozamiz City, Tangub City, Concepcion, Sapang Dalaga, Calamba, Aloran, Panaoan, Jimenez, Sinacaban, Tudela, Clarin, Bonifacio, Don Victoriano and Lopez Jaena, Misamis Occidental

Table 1.24 ***(continued)***

Protected Area	Buffer Zone	Terrestrial		Marine		Proclamation	
		Protected Area	Buffer Zone	Protected Area	Buffer Zone	Number	Date
4,497.0	2,019.0	4,497.0	2,019.0	…	…	321	2000-May-31
1,994.8	695.4	1,994.8	695.4	…	…	354	2000-Aug-14
439.0	15.0	439.0	15.0			279	2000-Apr-23
1,877.0	1,548.0	…	…	1,877.0	1,548.0	271	2000-Apr-23
960.3	1,294.4	…	…	960.3	1,294.4	276	2000-Apr-23
100.0	151.0	…	…	100.0	151.0	281	2000-Apr-23
1,187.5	1,191.9	…	…	1,187.5	1,191.9	106	1999-May-06
12,107.0	5,307.0	12,107.0	5,307.0	…	…	132	1999-Jul-05
793.7	186.7	793.7	186.7	…	…	84	1999-Feb-24
242,967.0	…	…	…	242,967.0		171	1999-Aug-26
25,948.0	3,715.0	…	…	25,948.0	3,715.0	158	1999-Aug-10
1,095.0	470.0	1,095.0	470.0	…	…	63	1998-Dec-22
3,632.7	889.0	3,632.7	889.0	…	…	1344	2007-Jul-30
2,227.6	182.9	2,227.6	182.9	…	…	570	2004-Mar-09
1,300.8	800.5	…	…	1,300.8	800.5	260	2002-Sept-16
34,694.0	18,334.0	34,694.0	18,334.0	…	…	228 RA 9304	2002-Aug-02 2004-Jul-30
8,423.0	1,222.0	8,423.0	1,222.0	…	…	1249	2007-Mar-06
34,694.0	18,334.0	34,694.0	18,334.0	…	…	228 RA 9304	2002-Aug-02 2004-Jul-30

Continued

Table 1.24
LIST OF PROCLAIMED PROTECTED AREAS
UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS) *(continued)*
As of May 9, 2012
(Area in hectares)

Region	No. of Protected Areas	Name of Protected Area	Location
		Baliangao Protected Landscape and Seascape	Baliangao, Misamis Occidental
		Mt. Kalatungan Range Natural Park	Talakag, Valencia, Maramag and Pangantucan, Bukidnon
		Mimbilisan Protected Landscape	Balingoan and Talisayan, Misamis Oriental
		Mt. Kitanglad Natural Park	Talakag, Baungon, Libona, Manolo Fortich, Sumilao, Impasug-ong, Malaybalay and Lantapan, Bukidnon
XI - Davao Region	**8**		
		Aliwagwag Protected Landscape	Boston and Cateel, Davao Oriental; Compostela, Compostela Valley
		Mati Protected Landscape	Mati, Davao Oriental
		Mt. Hamiguitan Range Wildlife Sanctuary	Mati, San Isidro and Gov. Generoso, Davao Oriental
		Mabini Protected Landscape & Seascape	Mabini, Compostela Valley
		Mainit Hotspring Protected Landscape	Nabunturan, Compostela Valley
		Baganga Protected Landscape	Baganga, Davao Oriental
		Mt. Apo Natural Park	Kidapawan City, Makilala and Magpet, Cotabato; Bansalan, Sta. Cruz, Digos City and Davao City, Davao del Sur
		Pujada Bay Protected Landscape/Seascape	Mati, Davao Oriental
XII - SOCCSKSARGEN	**2**		
		Sarangani Bay Protected Seascape	Maitum, Kiamba and Maasim, Sarangani
		Mt. Matutum Protected Landscape	Tupi, Tampakan and Palomolok, South Cotabato; Malungon, Sarangani
XIII - Caraga	**3**		
		Alamio, Buyaan, Carac-an, Panikian Rivers and Sipangpang Falls Watershed Forest Reserve	Carrascal, Cantilan and Madrid, Surigao del Sur; Jabonga, Santiago and Cabadbaran, Agusan del Norte
		Agusan Marsh Wildlife Sanctuary	San Francisco, Bunawan, Veruela, Loreto and Lapaz, Agusan del Sur
		Siargao Islands Protected Landscape and Seascape	Siargao, Surigao del Norte

Notes :

Areas within the Samar Island Natural Park

a. Sohoton National Park
b. Taft Wildlife (Philippine Eagle) Sanctuary
c. Jicontol Watershed Forest Reserve
d. Calbiga Caves Protected Landscape

Source : Department of Environment and Natural Resources, Biodiversity Management Bureau

Table 1.24 ***(concluded)***

Protected Area	Buffer Zone	Terrestrial		Marine		Proclamation	
		Protected Area	Buffer Zone	Protected Area	Buffer Zone	Number	Date
295.0	…	…	…	295.0	…	418	2000-Nov-22
21,247.7	13,891.5	21,247.7	13,891.5	…	…	305	2000-May-05
66.0	…	66.0	…	…	…	134 RA 9494	1999-Jul-05 2007-Aug-22
31,235.2	16,034.8	31,235.2	16,034.8	…	…	RA 8978 896	1996-Oct-24 2000-Nov-09
10,491.3	420.6	10,491.3	420.6	…	…	139	2011-Apr-05
914.3	135.8	914.3	135.8	…	…	912	2005-Sept-06
6,834.0	…	6,834.0	…	…	…	RA 9303	2004-Jul-30
6,106.0	…	…	…	6,106.0	…	316	2000-May-31
1,374.0	401.0	1,374.0	401.0		…	320	2000-May-31
114.9	…	114.9	…	…	…	269	2000-Apr-23
(72,113.00) 54,974.48	9,078.12	(72,113.00) 54,974.48	9,078.12	…	…	882 RA 9237	1996-Sept-24 2004-Feb-03
21,200.0	…	…	…	21,200.0	…	431	1994-Jul-31
215,950.0	…	…	…	215,950.0	…	756	1996-Mar-05
15,600.0	…	15,600.0	…	…	…	552	1995-Mar-20
43,601.0	…	43,601.0	…	…	…	1747	2009-Mar-23
14,836.0	4,360.6	14,836.0	4,360.6	…	…	913	1996-Oct-31
278,914.1	…	…	…	278,914.1	…	902	1996-Oct-10

Table 1.25
SUMMARY OF PROCLAIMED PROTECTED AREAS UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS) BY REGION AND ECOSYSTEM TYPE
As of December 2015
(In hectares)

Region	Grand Total			Terrestrial			Marine		
	No.	Protected Area	Buffer Zone	No.	Protected Area	Buffer Zone	No.	Protected Area	Buffer Zone
Phlippines	**113**	**3,569,092.8**	**223,843.5**	**84**	**2,197,009.9**	**203,330.2**	**29**	**1,372,083.0**	**20,513.3**
NCR	1	22.7	0.0	1	22.7	0.0	0	0.0	0.0
CAR	1	77,561.0	0.0	1	77,561.0	0.0	0	0.0	0.0
I Ilocos Region	8	18,455.8	3,465.5	7	7,942.5	3,329.9	1	10,513.3	135.6
II Cagayan Valley	10	980,235.4	0.0	9	972,819.9	0.0	1	7,415.5	0.0
III Central Luzon	6	23,989.2	0.0	5	16,421.2	0.0	1	7,568.0	0.0
IVA CALABARZON	8	105,311.0	0.0	8	105,311.0	0.0	0	0.0	0.0
MIMAROPA	11	588,823.4	11,677.0	7	186,751.6	0.0	4	402,071.8	11,677.0
V Bicol Region	10	31,108.9	0.0	9	30,988.2	0.0	1	120.6	0.0
VI Western Visayas	5	154,363.3	169.0	4	122,363.3	169.0	1	32,000.0	0.0
VII Central Visayas	9	70,823.8	788.0	4	61,675.7	788.0	5	9,148.2	0.0
VIII Eastern Visayas	10	450,400.0	125,400.0	7	343,960.0	125,400.0	3	106,440.0	0.0
IX Zamboanga Peninsula	12	293,966.3	16,593.3	6	20,926.5	8,693.1	6	273,039.8	7,900.2
X Northern Mindanao	9	103,122.1	51,354.7	7	101,526.3	50,554.3	2	1,595.8	800.5
XI Davao Region	8	102,008.9	10,035.5	6	74,702.9	10,035.5	2	27,306.0	0.0
XII SOCCSKSARGEN	2	231,550.0	0.0	1	15,600.0	0.0	1	215,950.0	0.0
XIII Caraga	3	337,351.1	4,360.6	2	58,437.0	4,360.6	1	278,914.1	0.0

Source: Department of Environment and Natural Resources, Biodiversity Management Bureau

Table 1.26
SUMMARY OF PROCLAIMED PROTECTED AREAS UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS) BY CATEGORY AND ECOSYSTEM TYPE
As of December 2015
(In hectares)

Categories	Grand Total			Terrestrial			Marine		
	No.	Protected Area	Buffer Zone	No.	Protected Area	Buffer Zone	No.	Protected Area	Buffer Zone
Philippines	**113**	**3,569,092.8**	**215,007.2**	**84**	**2,197,009.9**	**203,330.2**	**29**	**1,372,083.0**	**20,513.3**
Resource Reserve	2	78,354.7	186.7	2	78,354.7	186.7	0	0.0	0.0
Protected Landscape/ Seascape	21	995,749.7	…	2	332,359.6	0.0	19	663,390.1	8,836.3
Protected Landscape	35	580,594.1	3,420.8	35	580,594.1	3,420.8	0	0.0	0.0
Protected Seascape	3	216,785.7	0.0	0	0.0	0.0	3	216,785.7	0.0
Natural Monument/ Landmark	4	23,741.5	610.7	4	23,741.5	610.7	0	0.0	0.0
Natural Park	28	1,171,416.6	203,939.5	26	1,058,594.6	192,262.5	2	112,822.0	11,677.0
Marine Reserve	3	46,983.5	0.0		0.0	0.0	3	46,983.5	0.0
Managed Resource	1	89,134.8	0.0		0.0	0.0	1	89,134.8	0.0
Natural Biotic Area	4	11,456.7	2,489.0	4	11,456.7	2,489.0	0	0.0	0.0
Wildilfe Sanctuary	9	293,581.9	4,360.6	8	50,614.9	4,360.6	1	242,967.0	0.0
Other Category (Parks and Wildlife Center, Watershed Forest Reserve)	3	61,293.7	0.0	3	61,293.7	0.0	0	0.0	0.0

Source: Department of Environment and Natural Resources, Biodiversity Management Bureau

Table 1.27
FOREST COVER OF THE PHILIPPINES BY PROVINCE
2010
(In hectares)

Region / Province	Closed Forest		Open Forest	
	In Forestland	In A&D Land*	In Forestland	In A&D Land*
Philippines	**1,817,173.0**	**116,874.6**	**4,079,932.8**	**515,258.1**
NCR	**0.0**	**0.0**	**0.0**	**2,008.0**
CAR	**254,620.2**	**931.4**	**495,649.3**	**26,771.6**
Abra	43,273.2	42.7	97,453.6	5,930.8
Apayao	118,154.7	827.3	103,722.4	417.1
Benguet	3,193.3	2.5	99,080.8	17,349.0
Ifugao	13,690.1	1.7	87,089.2	1,616.0
Kalinga	48,883.3	4.6	49,313.5	661.0
Mountain Province	27,425.7	52.5	58,989.7	797.7
I - Ilocos Region	**18,173.6**	**216.2**	**97,277.5**	**8,008.2**
Ilocos Norte	14,049.8	216.2	51,490.9	2,092.3
Ilocos Sur	77.6	0.0	27,306.6	4,642.9
La Union	0.0	0.0	4,813.5	946.5
Pangasinan	4,046.2	0.0	13,666.6	326.5
II - Cagayan Valley	**430,103.6**	**55,158.1**	**321,502.3**	**232,205.9**
Batanes	0.0	0.0	1,236.3	582.5
Cagayan	203,918.9	2,555.6	122,863.2	8,477.5
Isabela	19,718.7	49,725.1	91,558.1	216,912.0
Nueva Vizcaya	120,258.2	2,356.4	66,965.6	4,127.3
Quirino	86,207.7	520.9	38,879.2	2,106.5
III - Central Luzon	**211,160.3**	**14,191.5**	**274,313.5**	**20,017.7**
Aurora	118,467.7	14,080.5	72,425.0	13,093.4
Bataan	10,618.0	0.0	20,085.4	706.0
Bulacan	35,265.9	0.4	23,295.5	91.2
Nueva Ecija	9,515.4	14.9	64,679.9	394.2
Pampanga	773.1	0.0	6,548.7	57.9
Tarlac	5,406.8	0.2	27,057.6	2,377.0
Zambales	31,113.4	95.5	60,221.3	3,297.9
IVA - CALABARZON	**58,482.1**	**11,076.8**	**135,436.5**	**40,327.9**
Batangas	0.0	333.6	1,315.8	2,193.7
Cavite	0.0	0.0	2,053.8	335.6
Laguna	915.3	318.4	3,534.8	9,836.4
Quezon	53,428.2	10,424.8	116,359.4	27,606.8
Rizal	4,138.7	0.0	12,172.6	355.3
MIMAROPA	**95,203.2**	**2,606.4**	**706,913.3**	**39,372.7**
Marinduque	0.0	0.0	8,888.1	3,367.0
Occidental Mindoro	1,968.2	0.0	98,236.2	3,188.1
Oriental Mindoro	5,301.0	0.0	74,634.0	3,181.6
Palawan	84,494.5	2,382.3	514,645.5	28,616.1
Romblon	3,439.5	224.1	10,509.5	1,019.8
V - Bicol Region	**28,803.7**	**10,842.0**	**107,422.1**	**30,403.7**
Albay	4,735.7	6,460.6	10,412.4	12,715.9
Camarines Norte	8,599.9	865.9	11,249.4	3,829.8
Camarines Sur	7,239.6	981.0	43,819.6	2,027.8
Catanduanes	8,228.6	2,534.5	28,248.1	4,000.8
Masbate	0.0	0.0	31.4	108.5
Sorsogon	0.0	0.0	13,661.3	7,721.0
VI - Western Visayas	**66,588.1**	**579.2**	**97,343.1**	**12,803.1**
Aklan	12,568.2	30.3	21,884.6	1,213.6
Antique	20,295.5	84.9	29,879.6	1,343.0
Capiz	14,681.4	46.5	6,352.6	512.2
Guimaras	0.0	0.0	0.0	0.0
Iloilo	2,553.4	401.0	14,594.0	6,803.3
Negros Occidental	16,489	17	24,632	2,931

Table 1.27 *(continued)*

Region / Province	Mangrove		Total	
	In Forestland	In A&D Land*	In Forestland	In A&D Land*
Philippines	**203,590.6**	**107,002.5**	**6,100,696.4**	**739,135.2**
NCR	**0.0**	**111.8**	**0.0**	**2,119.8**
CAR	**0.0**	**0.0**	**750,269.5**	**27,702.9**
Abra	0.0	0.0	140,726.7	5,973.5
Apayao	0.0	0.0	221,877.1	1,244.4
Benguet	0.0	0.0	102,274.1	17,351.5
Ifugao	0.0	0.0	100,779.3	1,617.7
Kalinga	0.0	0.0	98,196.8	665.6
Mountain Province	0.0	0.0	86,415.4	850.3
I - Ilocos Region	**55.7**	**972.0**	**115,506.7**	**9,196.4**
Ilocos Norte	0.0	0.0	65,540.6	2,308.5
Ilocos Sur	0.0	211.3	27,384.2	4,854.1
La Union	0.0	119.7	4,813.5	1,066.2
Pangasinan	55.7	641.0	17,768.4	967.5
II - Cagayan Valley	**2,321.4**	**3,580.7**	**753,927.2**	**290,944.7**
Batanes	0.0	0.0	1,236.3	582.5
Cagayan	2,321.4	2,857.8	329,103.5	13,890.9
Isabela	0.0	722.9	111,276.8	267,360.1
Nueva Vizcaya	0.0	0.0	187,223.8	6,483.7
Quirino	0.0	0.0	125,086.9	2,627.4
III - Central Luzon	**213.1**	**808.2**	**485,686.8**	**35,017.4**
Aurora	84.9	436.5	190,977.6	27,610.5
Bataan	20.1	187.6	30,723.5	893.7
Bulacan	30.7	36.0	58,592.1	127.6
Nueva Ecija	0.0	0.0	74,195.3	409.1
Pampanga	1.3	83.7	7,323.1	141.6
Tarlac	0.0	0.0	32,464.4	2,377.3
Zambales	76.1	64.3	91,410.8	3,457.7
IVA - CALABARZON	**9,670.1**	**9,267.1**	**203,588.7**	**60,671.8**
Batangas	52.1	360.8	1,367.9	2,888.2
Cavite	0.0	150.4	2,053.8	486.0
Laguna	0.0	0.0	4,450.1	10,154.8
Quezon	9,618.0	8,755.9	179,405.6	46,787.5
Rizal	0.0	0.0	16,311.3	355.3
MIMAROPA	**55,965.1**	**17,330.9**	**858,081.6**	**59,310.0**
Marinduque	2,492.4	384.4	11,380.5	3,751.4
Occidental Mindoro	40.8	1,553.1	100,245.1	4,741.2
Oriental Mindoro	840.4	3,109.1	80,775.4	6,290.8
Palawan	52,249.1	11,543.1	651,389.1	42,541.6
Romblon	342.4	741.2	14,291.5	1,985.1
V - Bicol Region	**14,730.5**	**10,242.4**	**150,956.3**	**51,488.2**
Albay	479.4	612.5	15,627.5	19,789.0
Camarines Norte	2,644.5	914.6	22,493.8	5,610.3
Camarines Sur	3,491.8	3,772.2	54,551.0	6,781.0
Catanduanes	700.1	1,295.1	37,176.8	7,830.4
Masbate	4,531.4	2,106.5	4,562.8	2,215.0
Sorsogon	2,883.2	1,541.5	16,544.5	9,262.5
VI - Western Visayas	**5,358.0**	**4,647.8**	**169,289.2**	**12,555.4**
Aklan	243.2	458.7	34,696.0	1,702.5
Antique	421.7	370.5	50,596.8	1,798.4
Capiz	1,085.5	313.5	22,119.5	872.2
Guimaras	405.1	370.8	405.1	370.8
Iloilo	708.5	607.2	17,855.9	7,811.6
Negros Occidental	2,494	2,527	43,616	5,475

Continued

Table 1.27
FOREST COVER OF THE PHILIPPINES BY PROVINCE *(continued)*
2010
(In hectares)

Region / Province	Closed Forest		Open Forest	
	In Forestland	In A&D Land*	In Forestland	In A&D Land*
VII - Central Visayas	**10,078.6**	**1,384.9**	**31,213.6**	**4,584.0**
Bohol	0.0	0.0	9,633.4	633.5
Cebu	7,547.7	1,174.8	2,346.1	304.1
Negros Oriental	2,530.9	210.1	18,596.4	3,477.8
Siquijor	0.0	0.0	637.6	168.6
VIII - Eastern Visayas	**45,344.2**	**603.3**	**412,657.8**	**14,521.6**
Biliran	0.0	0.0	8,314.1	69.0
Eastern Samar	21,578.9	248.9	151,386.3	5,152.3
Leyte	16,858.2	311.3	49,463.0	3,309.7
Northern Samar	0.0	0.0	33,473.8	2,020.5
Samar	3,744.6	3.7	147,023.0	1,128.6
Southern Leyte	3,162.6	39.3	22,997.6	2,841.5
IX - Zamboanga Peninsula	**27,365.0**	**278.1**	**118,957.6**	**2,100.6**
Zamboanga Del Norte	8,915.1	116.5	71,972.9	1,160.5
Zamboanga Del Sur	794.5	0.0	12,307.1	102.1
Zamboanga Sibugay	17,655.4	161.6	34,677.5	837.9
X - Northern Mindanao	**167,898.5**	**6,063.6**	**187,832.1**	**10,476.4**
Bukidnon	124,167.6	1,193.3	74,272.0	2,689.5
Camiguin	2,911.1	1,082.7	550.6	1,154.5
Lanao Del Norte	8,350.7	3,583.4	49,138.0	3,775.4
Misamis Occidental	23,678.0	180.9	14,914.6	1,231.2
Misamis Oriental	8,791.1	23.3	48,957.0	1,625.7
XI - Davao Region	**159,777.7**	**305.6**	**260,868.4**	**5,087.1**
Compostela Valley	53,963.7	142.5	87,322.6	3,173.7
Davao Del Norte	10,148.8	0.0	41,940.7	429.3
Davao Del Sur/Davao	17,570.2	0.0	50,289.7	601.1
Davao Oriental	78,095.1	163.2	81,315.3	883.0
XII - SOCCSKSARGEN	**54,174.5**	**72.7**	**188,615.5**	**4,586.1**
Cotabato City	0.0	0.0	0.0	0.0
Cotabato	7,823.7	72.5	28,320.1	3,061.4
Sarangani	1,775.5	0.2	37,409.0	628.1
South Cotabato	26,464.8	0.0	37,809.7	28.8
Sultan Kudarat	18,110.5	0.0	85,076.8	867.7
XIII - Caraga	**97,246.6**	**2,565.1**	**520,598.0**	**37,849.3**
Agusan Del Norte	2,217.5	0.0	47,867.7	610.0
Agusan Del Sur	54,825.0	2,382.7	260,254.3	25,274.4
Dinagat Islands	5,639.3	1.6	18,995.2	422.5
Surigao Del Norte	7,136.0	3.4	14,565.9	330.3
Surigao Del Sur	27,428.9	177.4	178,914.9	11,212.1
ARMM	**92,153.0**	**9,999.6**	**123,332.2**	**24,134.2**
Basilan with Isabela City	7,669.6	6,035.6	526.8	476.6
Lanao Del Sur	78,024.9	2,220.1	60,476.4	9,702.3
Maguindanao	6,458.5	1,743.9	39,553.6	3,533.8
Sulu	0.0	0.0	752.2	4.4
Tawi-Tawi	0.0	0.0	22,023.2	10,417.0

* *In A&D Land* means In Alienable and Disposable Land
Source: National Mapping and Resource Information Authority (NAMRIA)

Table 1.27 *(concluded)*

Region / Province	Mangrove		Total	
	In Forestland	In A&D Land*	In Forestland	In A&D Land*
VII - Central Visayas	**10,925.3**	**3,846.9**	**52,217.5**	**9,815.9**
Bohol	8,344.1	2,246.2	17,977.5	2,879.7
Cebu	2,044.9	989.4	11,938.7	2,468.3
Negros Oriental	491.2	560.2	21,618.5	4,248.0
Siquijor	45.2	51.2	682.8	219.8
VIII - Eastern Visayas	**24,804.3**	**16,888.5**	**482,806.3**	**32,013.4**
Biliran	208.0	77.7	8,522.0	146.7
Eastern Samar	4,794.4	3,039.9	177,759.6	8,441.2
Leyte	3,737.9	4,540.7	70,059.0	8,161.7
Northern Samar	6,340.6	4,485.4	39,814.4	6,505.9
Samar	9,488.5	4,391.1	160,256.2	5,523.5
Southern Leyte	234.9	353.6	26,395.1	3,234.4
IX - Zamboanga Peninsula	**16,024.8**	**9,665.3**	**162,347.4**	**12,044.0**
Zamboanga Del Norte	211.8	379.9	81,099.9	1,657.0
Zamboanga Del Sur	3,145.5	2,959.3	16,247.1	3,061.4
Zamboanga Sibugay	12,667.4	6,326.1	65,000.4	7,325.6
X - Northern Mindanao	**2,910.5**	**3,468.4**	**358,641.2**	**20,008.4**
Bukidnon	0.0	0.0	198,439.5	3,882.8
Camiguin	0.0	19.0	3,461.7	2,256.2
Lanao Del Norte	1,158.0	1,170.3	58,646.6	8,529.1
Misamis Occidental	1,661.8	2,077.2	40,254.4	3,489.3
Misamis Oriental	90.8	201.9	57,838.9	1,850.9
XI - Davao Region	**1,540.2**	**1,338.7**	**422,186.3**	**6,731.5**
Compostela Valley	140.1	68.8	141,426.4	3,385.0
Davao Del Norte	110.0	559.9	52,199.4	989.2
Davao Del Sur/Davao	48.1	83.9	67,908.0	685.0
Davao Oriental	1,242.1	626.2	160,652.5	1,672.3
XII - SOCCSKSARGEN	**589.8**	**1,011.1**	**243,379.8**	**5,670.0**
Cotabato City	45.4	624.4	45.4	624.4
Cotabato	0.0	0.0	36,143.7	3,134.0
Sarangani	32.8	114.3	39,217.3	742.7
South Cotabato	0.0	24.3	64,274.5	53.1
Sultan Kudarat	511.5	248.2	103,698.8	1,115.9
XIII - Caraga	**17,886.1**	**8,011.7**	**635,730.7**	**48,426.0**
Agusan Del Norte	343.9	887.6	50,429.1	1,497.6
Agusan Del Sur	0.0	0.0	315,079.3	27,657.1
Dinagat Islands	1,799.0	561.5	26,433.4	985.6
Surigao Del Norte	11,573.5	1,660.9	33,275.3	1,994.7
Surigao Del Sur	4,169.9	4,901.7	210,513.7	16,291.1
ARMM	**40,595.8**	**15,810.8**	**256,081.1**	**49,944.6**
Basilan with Isabela City	7,641.7	2,066.0	15,838.1	8,578.3
Lanao Del Sur	171.2	292.9	138,672.6	12,215.3
Maguindanao	502.7	558.2	46,514.8	5,835.8
Sulu	20,928.1	9,154.6	21,680.4	9,159.0
Tawi-Tawi	11,352.1	3,739.1	33,375.3	14,156.1

Table 1.28
CONCENTRATION LEVELS OF PARTICULATE MATTER 10 (PM10)
2012 to 2015
(In micrograms per normal cubic meter)

Region	Station	2012	2013	2014	2015	2015 Remarks
NCR						
	National Printing Office Cmpd. EDSA Diliman, Quezon City	61	73	89	67	
	Marikina Sports Complex Cmpd.Sumulong Highway Brgy. Sto Nino, Marikina City	67	62	47	61	
	DOH Cmpd. Rizal Avenue Sta Cruz, Manila	51	69	…	60	
	MMDA Building Cmpd. Orense St. cor. EDSA Guadalupe, Makati City	54	67	52	42	
	Pasay Rotonda Station EDSA cor. Taft Avenue Malibay, Pasay City	110	105	…	…	
	Caloocan	151	150	…	…	
	National Bilibid Prison, Muntinlupa	…	25	36	25	
	De La Salle University, Taft, Manila	…	29	27	31	
	Commonwealth Ave., Quezon City	…	…	57	…	
	DPWH, Timog EDSA, Quezon City	…	44*	66	46	
	Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	…	…	33	58*	Equipment Breakdown/ Under Maintenance
	ATENEO Manila Observatory, Ateneo University	38	50	…	…	
	Valenzuela - Radio ng Bayan	63	74	53	…	
	NAMRIA, Taguig City	43	54	…	…	
	Andrews Avenue, Pasay City	…	…	…	78*	Date Installed: May 14, 2015
	Navotas City Hall, M. Naval St. Navotas City	…	…	…	72	
	Rohm and Hass Property, Las Piñas City	…	…	…	35	
	Polytechnic Institute, City of Malabon	…	…	…	45	
	North Caloocan City Hall – Zapote Street, Barangay 177, Caloocan City	…	…	…	54	
	Don Bosco Barangay Hall, Better Living Subdivision, Paranaque City	…	…	…	52	
	Makati Park, Dr. Jose P. Rizal Extension, East Rembo, Makati City	…	…	…	44*	Station was struck by lightning in August 2015, resulted to equipment breakdown
	Pateros Elementary School, Pateros City	…	…	…	52	
	Pinaglabanan Shrine, San Juan City	…	…	…	18*	Equipment Breakdown/ Under Maintenance
	Bureau of Corrections, New Bilibid Prison Reservation, Muntinlupa City	…	…	…	31	
	Technological University of the Philippines-Taguig Campus, Taguig City	…	…	…	66	
	Hardin ng Pagasa, Mandaluyong City Hall, Plainview, Mandaluyong City	…	…	…	63*	Equipment Breakdown/ Under Maintenance
	Brgy. Oranbo, Pasig	…	…	…	69*	Date Installed March 18, 2015
	Parking Area of Marikina Justice Hall, Marikina City	…	…	…	56	
CAR		…	…	…		
	Burnham park, Baguio City	…	…	…	35*	Equipment Breakdown/ Under Maintenance

Continued

Table 1.28
CONCENTRATION LEVELS OF PARTICULATE MATTER 10 (PM10) *(continued)*
2012-2015
(In micrograms per normal cubic meter)

Region	Station	2012	2013	2014	2015	2015 Remarks
	Plaza Garden Park, Central Business District, Lower Session Road, Baguio City	72	69	…	…	
	Leganes Municipal Grounds, Poblacion, leganes, Iloilo City	…	…	…	51	
I - Ilocos Region						
	City Plaza San Fernando City, La Union	…	…	81	73*	Equipment Breakdown/ Under Maintenance
	City Plaza San Carlos City, Pangasinan	…	…	83	75*	Equipment Breakdown/ Under Maintenance
	Dagupan City, Province of Pangasinan, Western Central Elementary School	46	47	59	68	
	Urdaneta, Pangasinan	…	40	…	47+	Equipment Breakdown/ Under Maintenance
	Mariano Marcos State University, Batac, Ilocos Norte	…	…	…	24+	
II - Cagayan Valley						
	St. Paul University Philippines, Mabini Street, Tuguegarao City	…	…	29	…	
III - Central Luzon						
	Meycauayan City Hall, Meycauayan, Bulacan	…	…	…	45	
	Heroes hall, San Fernando, City of San Fernando, Pampanga	…	…	…	29	
IVA - CALABARZON						
	City of Biñan, San Pablo St., Biñan City, Laguna	…	…	…	22*	Equipment Breakdown/ Under Maintenance
	Cavite State University, Indang Cavite	…	32	…	…	
	Brgy. Bolbok, Batangas City	…	29	…	…	
MIMAROPA						
	Municipal Hall, Municipality of Baco, Oriental Mindoro	41	…	…	60*	Equipment Breakdown/ Under Maintenance
	Palawan State University, Tiniguiban Heights, Puerto Princesa, Palawan	…	…	…	26	
V - Bicol Region						
	Barraida, Legaspi City	…	32	39	38	
	Naga City PENRO, Naga City	…	…	…	29	
VI - Western Visayas						
	University of San Augustin Campus, Iloilo City	…	…	…	43*	Relocated to other location, due to the ongoing construction near the site
	Central Philippine University campus, Jaro, Iloilo City	21	…	19	…	
	City Hall of Bacolod, New Government Center, Bacolod City	…	…	…	28	
VII - Central Visayas						
	Mabolo, Cebu City	77	73	58	52	
	Cebu Business Park, Cebu City	36	33	20	34	
VIII - Eastern Visayas						
	Robinsons Place, Tacloban	…	…	…	64+	

Continued

Table 1.28
CONCENTRATION LEVELS OF PARTICULATE MATTER 10 (PM10) *(concluded)*
2012-2015
(In micrograms per normal cubic meter)

Region	Station	2012	2013	2014	2015	2015 Remarks
IX - Zamboanga Peninsula						
	Zamboanga City Medical Center. Compound, Dr. Evangelista Street Corners Veterans Ave., & Gov. Lim Ave., Zamboanga City	…	52	52	32	
	EMB-9 Compound, Lantawan, Pasonanca, Zamboanga City	…	34	41	45	
	Philippine International Development Incorporated (PHIDCO), Baliwasan Seaside Zamboanga City Zamboanga del Sur	…	44	52	60	
	Western Mindanao State University, Normal Road, Zamboanga City	…	…	…	11*	Equipment Breakdown/ Under Maintenance
	Ateneo De Zamboanga University, La Purisima Street, Zamboanga City	…	…	…	20	
X - Northern Mindanao						
	Iligan Medical Center College, Palao, Iligan City	…	…	…	49	
XI - Davao Region						
	Approx. 70m from Amparo St. And 300m from Davao-Agusan National Highway	…	19	16*	35*	Equipment Breakdown/ Under Maintenance
	Brgy. 12-B, Mapa St. Corner J.P Laurel Ave., Davao City (Fronting Brgy. Hall)	…	21	21*	45*	Equipment Breakdown/ Under Maintenance
	Approx. 800m DMPI main gate, Davao Memorial Park Phase2, McArthur Highway, Matina, Davao City	…	14	15*	34	
	Approximately 50m from Agton St. Open Park infront of Toril District Hall, Agton St., Davao City	…	27	30*	57	
	Calinan National High School, Quirino Avenue, Davao City	…	…	…	36	
	Davao International Airport, Catitipan, Buhangin District, Davao City	…	…	…	73+	Equipment Breakdown/ Under Maintenance
XII - SOCCSKSARGEN						
	City of Koronadal, General Santos Drive, Koronadal City	…	…	…	49	
	Pedro Acharon Sports Complex, Brgy. Calumpang, General Santos City	…	…	…	35	
	Municipal Hall, Tupi, South Cotabato	54	50	56	…	
	City Hall of Koronadal City	57	51	64	…	
	Municipal Hall of Midsayap	51	63	75	…	
XIII - Caraga						
	Central Butuan, District 1 Ground, Butuan City	…	…	…	58	
	Petron Nasipit Depot, Nasipit Agusan Del Norte, Butuan City	…	…	…	55	
	Caraga State University, Ampayon, Butuan City	…	…	…	37*	Equipment Breakdown/ Under Maintenance
	Butuan City Local Government Unit (Compound of City Environment Office)	…	…	…	35	

* < 75% data captured
+ Arithmetic Mean
Note: National Ambient Air Quality Guideline Value (NAAQGV): Annual - 60 µg/Ncm
Source: Department of Environment and Natural Resources, Environment Management Bureau

Table 1.29
CONCENTRATION LEVELS OF PARTICULATE MATTER 2.5 (PM2.5)
2015
(In micrograms per normal cubic meter)

Region	Station	Annual Geometric Mean
NCR		
	Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	27*
	DLSU, 2401 Taft Ave., Manila	17
	DPWH, Timog EDSA, Nia Road, Quezon City	26
	Andrews Avenue, Pasay City	31*
	Navotas City Hall, M. Naval St. Navotas City	43
	Rohm and Hass Property, Las Piñas City	29
	Polytechnic Institute, City of Malabon	34
	North Caloocan City Hall – Zapote Street, Barangay 177, Caloocan City	32
	Don Bosco Barangay Hall, Better Living Subdivision, Paranaque City	16
	Makati Park, Dr. Jose P. Rizal Extension, East Rembo, Makati City	26*
	Pateros Elementary School, Pateros City	32
	Pinaglabanan Shrine, San Juan City	7*
	Bureau of Corrections, New Bilibid Prison Reservation, Muntinlupa City	17
	Technological University of the Philippines-Taguig Campus, Taguig City	32*
	Hardin ng Pagasa, Mandaluyong City Hall, Plainview, Mandaluyong City	31*
	Brgy. Oranbo, Pasig	50*
	Parking Area of Marikina Justice Hall, Marikina City	33*
CAR		
	Burnham park, Baguio City	23*
I - Ilocos Region		
	Mariano Marcos State University, Batac, Ilocos Norte	17+
	Urdaneta, Pangasinan	42*
III - Central Luzon		
	Meycauayan City Hall, Meycauayan, Bulacan	28
	Heroes hall, San Fernando, City of San Fernando, Pampanga	24
IVA - CALABARZON		
	City of Biñan, Biñan, Laguna	11
MIMAROPA		
	Palawan State University, Tiniguiban Heights, Puerto Princesa, Palawan	14
V - Bicol Region		
	Naga City PENRO, Naga City	18
VI - Western Visayas		
	City Hall of Bacolod, New Government Center, Bacolod City	14
	University of San Augustin Campus, Iloilo City**	26*
IX - Zamboanga Peninsula		
	Western Mindanao State University, Normal Road, Zamboanga City	4*
	Ateneo De Zamboanga University, La Purisima Street, Zamboanga City	17
X - Northern Mindanao		
	Iligan Medical Center College, Palao, Iligan City	21
XI - Davao Region		
	Calinan National High School, Quirino Avenue, Davao City	21
	Davao International Airport, Catitipan, Buhangin District, Davao City	33+
XII - SOCCSKSARGEN		
	City of Koronadal, General Santos Drive, Koronadal City	31
	Pedro Acharon Sports Complex, Brgy. Calumpang, General Santos City	17
XIII - Caraga		
	Caraga State University, Ampayon, Butuan City	20*
	Butuan City Local Government Unit (Compound of City Environment Office)	19

* Less than 75% data captured

+ Arithmetic Mean

** Manual Monitoring Station

Source: Department of Environment and Natural Resources, Environment Management Bureau

Table 1.30
CONCENTRATION LEVELS OF CARBON MONOXIDE (CO)
2007 to 2013
(In parts per million)

Station	2007	2008	2009	2010	2011	2012	2013
Commonwealth Avenue	…	…	…	…	…	…	7
De La Salle University	…	…	…	…	…	…	9
Department of Public Works and Highways	…	…	…	…	…	…	4
Pamantasan ng Lungsod ng Valenzuela	…	…	…	…	…	…	…
Plaza Garden, Lower Session, Baguio City	11	5	8	…	…	…	…
University of San Carlos-Technological Center in Nasipit, Talamban, Cebu City	…	…	…	…	…	…	…
Macabalan, Cagayan de Oro City	…	…	…	…	…	…	…

Source: Department of Environment and Natural Resources, Environmental Management Bureau

Table 1.31
CONCENTRATION LEVELS OF OZONE (O_3)
2013 to 2015
(In micrograms per normal cubic meter)

Station	2013	2014	2015
Commonwealth Ave., Quezon City	29*	39*	…
DLSU, 2401 Taft Ave., Manila	77	52	96
DPWH, Timog EDSA, Nia Road, Quezon City	23*	40	12*
Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	38	98	39*

* Less than 75% data captured

Source: Department of Environment and Natural Resources, Environmental Management Bureau

Table 1.32
CONCENTRATION LEVELS OF SULFUR DIOXIDE (SO_2)
2013 to 2015
(In micrograms per normal cubic meter)

Station	2013	2014	2015
Commonwealth Ave., Quezon City	14	27	…
DLSU, 2401 Taft Ave., Manila	14	12	13
DPWH, Timog EDSA, Nia Road, Quezon City	11*	27	7*
Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	38	86	27*

* Less than 75% data captured

Source: Department of Environment and Natural Resources, Environmental Management Bureau

Table 1.33
CONCENTRATION LEVELS OF NITROGEN DIOXIDE (NO_2)
2013 to 2015
In ug/Ncm (micrograms per normal cubic meter)

Station	2013	2014	2015
Commonwealth Ave., Quezon City	80	128	…
DLSU, 2401 Taft Ave., Manila	52	49	52
DPWH, Timog EDSA, Nia Road, Quezon City	42*	106	39*
Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	28	63	66*

* Less than 75% data captured

Source: Department of Environment and Natural Resources, Environmental Management Bureau

Table 1.34
ANNUAL BIOCHEMICAL OXYGEN DEMAND (BOD) CONCENTRATION OF SELECTED FRESHWATER BODIES BY REGION
2006 to 2015
(In milligrams per liter)

Region	Water Body	Class*	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NCR												
	Meycauayan-Valenzuela	C	15.1	25.4	18.2	...	31.0	9.9	47.2	44.8	57.9	71.6
	NMTT River System	C	17.5	27.7	40.6	...	35.0	...	40.4	38.6	39.6	36.9
	Parañaque River	C	41.0	39.9	38.9	...	38.0	29.2	42.0	43.8	56.8	56.0
	Pasig River	C	13.6	15.5	20.5	...	...	31.7	...	34.4	56.9	53.3
	San Juan River System	C	33.4	40.4	11.2	...	...	48.5	...	55.8	66.8	68.3
CAR												
	Agno River	B	...	...	...	...	...	1.0	2.3	1.3	4.6	1.3
	Amburayan River	B	...	1.3	1.0	...	3.0	4.2	3.8	1.1	1.0	1.0
	Asin Gallano River	B	...	1.0	1.1	1.0	2.0	3.4	2.3	1.1	1.1	0.9
	Balili River	B	23.3	25.4	37.4	7.0	37.0	35.3	...	39.1	35.4	39.8
	Bued River	B	1.7	1.9	1.0	1.2	1.0	3.7	6.0	2.3	1.0	15.5
I - Ilocos Region												
	Sinucalan-Dagupan River	C	…	…	…	…	…	…	12.2	3.8	8.8	4.0
	(Dagupan River)	C	7.7	4.8	3.3	5.1	6.0	...	...	...	...	...
II - Cagayan Valley												
	Cagayan River	C	7.7	1.2	2.2	1.8	1.0	2.0	1.0	2.6	...	2.6
	Pinacanauan de Tuguigarao	NC	...	...	...	...	...	...	1.1	1.1	1.5	1.1
III - Central Luzon												
	Angat River	C	...	...	...	...	...	...	...	2.6	4.6	9.3
	Bocaue River	A/C	7.2	8.8	11.8	6.3	11.0	6.7	...	13.5	17.6	31.8
	Guagua River	C	...	...	...	...	...	1.6	...	9.1	23.8	14.0
	Marilao River	C	21.9	21.2	11.1	8.2	24.0	18.3	31.4	29.3	23.9	34.8
	Meycauayan River	C	144.1	56.0	35.6	49.0	59.0	45.1	58.5	56.8	45.4	64.2
	Obando River	C	...	...	...	...	...	15.8	9.8	11.0	15.4	38.2
	Pampanga River	C	2.1	24.3	13.0	3.0	2.0	1.8	4.0	52.3	...	13.6
	Sta Maria River	NC	7.4	13.9	7.8	12.3	9.0	14.7	10.7	12.3	34.0	17.7
	Talisay River	C	...	...	...	...	...	5.7	3.7	2.0	2.1	5.7
IVA - CALABARZON												
	Cañas River	C	...	...	...	2.9	3.0	4.2	3.3	4.6	5.3	4.5
	Imus River	C	9.1	9.1	10.1	18.7	12.0	11.6	12.0	8.9	9.6	11.8
	Pansipit River	C	1.8	1.2	1.3	1.3	...	2.3	...	...	...	...
	Rio Grande River	C	...	3.8	5.0	3.7	...	...	...	6.5	9.6	7.2
	Ylang-Ylang River	C	8.7	29.8	...	126.3	119.0	13.1	13.5	6.8	4.9	5.9
MIMAROPA												
	Calapan River	C	5.1	5.9	3.8	5.3	14.0	11.0	13.0	5.6	10.4	9.3
	Tagburos River	C	...	...	...	...	...	...	...	...	6.0	3.6
V - Bicol Region												
	Anayan River	C	3.0	3.9	2.8	2.9	4.0	...	...	...	...	...
	Balos River	B	...	...	1.4	...	2.0	...	...	...	...	3.6
	Lake Buhi	B	1.8	...	...	...	...	...	1.6	1.2	1.1	2.5
	Naga River	C	...	...	...	...	...	...	...	...	70.4	6.2
	Sagumayon River	C	...	10.2	6.9	17.0	23.0	14.4	15.6	11.8	23.8	22.6
	Salog River	C	...	...	...	2.7	4.0	...	...	...	...	5.3
VI - Western Visayas												
	Batiano River	A	...	1.7	3.6	...	5.0	3.1	2.8	4.4	4.7	5.0
	Iloilo River	C	2.1	3.6	4.4	6.4	12.0	7.0	12.2	8.6	19.8	13.1
	Jalaur River	C	1.7	10.7	1.5	1.3	5.0	1.0	1.3	3.3	2.9	1.9
	Jaro-Tigum-Aganan River	C	1.4	1.7	1.7	1.7	2.0	1.1	1.2	1.6	2.6	2.0
	Malihao River	C	...	...	37.6	...	42.0	24.0	11.8	71.8	42.8	44.3
	Panay River	A	2.1	1.2	2.1	2.2	1.0	1.3	1.2	1.7	2.9	1.9
VII - Central Visayas												
	Butuanon River	D	29.2	56.5	22.4	...	143.0	20.6	29.5	42.0	66.9	111.5
	Guadalupe River	C	34.9	60.9	37.3	...	55.0	46.2	62.0	56.1	71.5	50.9
	Guindarohan River	NC	...	...	...	...	...	2.1	1.9	...	4.6	...
	Luyang River	A/C	1.1	2.3	1.4	2.5	4.0	4.0	3.0	2.3	...	2.5
	Sapangdaku River	C	0.7	0.5	1.1	3.2	6.0	3.0	1.7	1.8	2.9	2.1

Continued

Table 1.34
ANNUAL BIOCHEMICAL OXYGEN DEMAND (BOD) CONCENTRATION OF SELECTED FRESHWATER BODIES BY REGION *(concluded)*
2006 to 2015
(In milligrams per liter)

Region	Water Body	Class*	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
VIII - Easten Visayas												
	Bao River	C	...	...	...	...	...	...	...	...	...	...
IX - Zamboanga Peninsula												
	Mercedes River	C	3.4	3.8	1.8	2.9	4.0	4.3	3.0	3.2	8.7	3.6
	Patalon River	A/B	1.0	0.8	1.5	1.8	2.0	1.5	1.1	1.6	1.0	2.6
	Saaz River	A/B	1.3	0.7	1.3	1.2	2.0	1.4	1.3	1.7	1.0	2.0
	Tumaga River	A/B/C	4.3	4.8	2.6	2.3	5.0	3.1	3.1	3.0	5.9	7.5
X - Northern Mindanao												
	Agusan River	C	...	...	...	...	...	3.0	2.8	...	1.3	1.4
	Alae River	C	...	...	...	...	...	2.8	3.2	...	3.9	13.0
	Bigaan River	C	...	...	...	...	...	3.8	2.5	...	1.2	...
	Cagayan de Oro River	A	...	...	...	1.1	...	4.5	2.0	1.7	1.0	0.8
	Cugman River	C	...	...	...	...	...	3.5	2.3	…	1.3	2.1
	Iponan River	A	...	...	1.2	1.9	1.0	4.0	2.2	1.5	1.8	1.0
	Umalag River	C	...	...	...	...	...	2.8	3.7	3.0	1.5	4.6
XI - Davao Region												
	Agusan River	C	1.1	1.0	0.8	...	...	...	2.2	1.9	1.4	0.3
	Bitanagan River	C	1.0	0.7	1.2	...	...	...	...	...	0.9	0.2
	Bunawan River	C	2.1	1.5	2.2	...	...	...	...	...	...	1.5
	Davao River	A/B	1.2		2.0	3.0		2.4	2.4	2.5	1.8	1.0
	Digos River	B/C	0.7	0.7	1.5	...	...	...	1.5	2.3	1.5	0.6
	Hijo River	C	0.9	2.3	2.0	...	...	...	1.3	2.2	1.7	1.3
	Kingking River	C	0.8	1.0	0.8	...	...	...	...	...	2.5	1.3
	Lasang River	B	0.9	3.6	0.7	...	...	...	...	...	...	0.3
	Libuganon River	C	...	...	...	...	...	...	...	1.5	1.1	0.4
	Lipadas River	AA/C	1.7	4.3	1.6	...	...	3.7	6.0	7.9	4.1	5.9
	Manurigao River	A	0.5	1.2	1.0	...	...	...	...	...	...	0.4
	Matiao River	C	0.6	0.7	0.5	...	...	...	1.2	1.2	1.0	0.6
	Matina River	B	...	...	...	...	...	...	...	2.6	2.5	2.4
	Naboc River	C	0.7	1.7	1.3	2.0	...	1.5	2.8	2.2	1.7	0.8
	Padada River	C	1.4	5.9	3.0	...	...	...	1.9	2.1	1.4	2.0
	Sumlog River	B/C	0.8	0.7	0.8	...	...	...	...	...	0.6	0.4
	Tagum River	D	1.3	1.3	1.3	...	...	...	...	2.0	1.6	0.7
	Talomo River	B	2.3	3.6	2.1	2.8	2.0	3.9	2.5	3.6	2.0	1.4
	Tuganay River	B	1.9	2.1	2.5	...	...	2.9	2.2	2.7	3.2	1.0
XII - SOCCSKSARGEN												
	Lake Sebu	B/C	...	...	1.8	2.1	3.0	...	...	...	...	3.1
	Libungan River	C	...	...	...	...	...	4.9	1.8	1.5	...	...
	Marbel River	C	...	...	...	...	...	...	1.2	1.5	3.6	1.0
	Matingao River	C	...	...	...	...	...	...	1.1	1.3	1.0	1.1
	Silway River	C	...	...	...	...	2.0	3.8	1.5	2.9	3.4	1.1
XIII - Caraga												
	Agusan River	C	0.8	1.0	0.8	1.1	1.0	0.8	0.6	0.7	0.8	1.3
	Cabadbaran River	A	0.6	0.7	...	...	...	...	...	...	...	1.2
	Taguibo River	A/C/D	2.3	1.0	1.0	1.2	1.0	0.7	1.0	1.3	2.4	3.0
	Tubay River	A	...	...	...	...	...	...	...	0.5	0.8	0.7

* See Annex
NC - Not yet classified

Table 1.35
ANNUAL DISSOLVED OXYGEN (DO) CONCENTRATION OF SELECTED FRESHWATER BODIES BY REGION
2006 to 2015
(In milligrams per liter)

Region	Water Body	Class*	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NCR												
	Meycauayan-Valenzuela River System	C	...	...	...	...	...	...	2.5	1.0	0.1	71.6
	NMTT River System	C	1.6	2.0	1.4	1.7	2.0	...	3.3	0.1	0.0	36.9
	Parañaque River	C	1.6	1.4	1.6	0.4	0.3	...	0.9	0.1	0.0	56.0
	Pasig River	C	2.5	2.4	3.1	...	...	3.4	...	2.3	2.8	53.3
	San Juan River System	C	1.0	1.6	1.8	...	...	1.2	...	0.5	0.0	68.3
CAR												
	Agno River	B	9.1	8.4	7.4	...	6.8	...	9.2	10.9	12.8	10.3
	Amburayan River	B	8.6	8.3	7.7	...	7.1	...	9.2	10.9	9.8	9.9
	Asin Gallano River	B	9.1	8.3	7.9	8.1	6.9	...	9.0	9.5	9.5	10.0
	Balili River	B	6.9	6.2	4.6	6.7	4.5	...	9.9	8.2	4.9	5.8
	Bued River	B	8.8	8.1	7.7	7.7	6.7	...	9.5	8.5	9.8	7.7
I - Ilocos Region												
	Sinucalan-Dagupan River	C	...	...	...	...	...	...	5.6	5.3	5.2	6.8
	(Dagupan River)	C	3.6	4.2	4.4	4.9	3.6	...	...	...	...	...
II - Cagayan Valley												
	Cagayan River	C	7.1	6.4	6.0	...	7.9	6.6	6.4	8.0	8.0	8.1
	Pinacanauan de Tuguigarao	NC	...	...	...	...	...	...	9.8	14.9	7.0	5.6
III - Central Luzon												
	Angat River	C	...	...	...	...	7.1	5.4	4.9	4.5	3.6	4.0
	Bocaue River	A/C	1.9	5.8	5.0	7.9	5.8	3.6	3.1	2.5	1.8	1.8
	Guagua River	C	...	...	...	...	...	5.7	3.8	2.5	1.0	3.2
	Marilao River	C	1.0	5.4	2.4	5.0	3.6	3.0	2.9	1.8	1.5	1.4
	Meycauayan River	C	0.0	5.1	2.5	4.2	2.6	2.3	1.9	1.3	0.5	0.5
	Obando River	C	...	...	...	...	4.5	5.2	3.0	2.7	1.3	1.4
	Pampanga River	C	6.5	7.2	...	5.5	6.4	...	4.5	4.1	...	3.7
	Sta Maria River	NC	3.6	6.7	5.0	4.8	4.7	4.9	2.9	2.6	1.8	2.0
	Talisay River	C	...	...	...	...	...	6.7	5.7	5.3	4.2	3.7
IVA - CALABARZON												
	Cañas River	C	...	...	...	6.0	5.3	6.4	7.0	6.6	6.3	6.4
	Imus River	C	4.7	5.2	4.1	4.8	5.2	4.7	4.5	6.0	5.7	5.4
	Pansipit River	C	7.6	7.4	7.1	7.5	...	8.5	...	...	...	...
	Rio Grande River	C	...	6.5	4.5	5.6	...	...	6.6	6.4	5.6	5.3
	Ylang-Ylang River	C	5.1	4.5	4.0	4.6	5.1	5.4	6.0	6.2	5.5	5.9
MIMAROPA												
	Calapan River	C	...	3.3	3.1	2.9	1.6	2.0	2.6	2.0	3.2	4.3
	Tagburos River	C	...	...	...	...	6.0	...	...	...	5.5	6.8
V - Bicol Region												
	Anayan River	C	6.7	5.9	...	6.3	5.1	...	...	...	...	...
	Balos River	B	...	...	7.3	7.3	7.2	...	...	...	...	7.1
	Lake Buhi	B	8.6	...	...	...	...	...	7.3	8.8	8.7	7.1
	Naga River	C	...	...	6.5	...	...	...	...	...	4.6	6.5
	Sagumayon River	C	...	4.3	4.3	3.8	3.1	4.5	6.4	3.5	3.5	3.8
	Salog River	C	...	...	...	6.9	6.6	...	...	...	...	6.0
VI - Western Visayas												
	Batiano River	A	...	5.8	4.1	4.2	4.9	4.3	4.8	5.0	5.4	6.6
	Iloilo River	C	5.3	5.4	4.5	3.9	4.0	3.4	3.8	4.2	4.2	4.4
	Jalaur River	C	7.7	6.1	7.1	...	7.5	6.0	6.9	7.0	7.4	8.0
	Jaro-Tigum-Aganan River	C	7.8	6.8	7.1	6.2	7.0	6.8	7.2	7.4	7.7	7.1
	Malihao River	C	...	...	4.9	7.3	4.3	5.2	4.2	4.4	4.4	4.7
	Panay River	A	6.7	6.9	6.4	7.1	6.9	6.2	6.4	6.5	6.1	6.9
VII - Central Visayas												
	Butuanon River	D	3.2	3.4	3.5	1.4	2.3	3.2	3.4	2.9	2.4	2.3
	Guadalupe River	C	1.5	1.9	2.1	1.0	1.5	1.6	0.8	0.5	1.0	1.6
	Guindarohan River	NC	...	...	7.7	5.2	5.5	5.4	5.4	...	...	...
	Luyang River	A/C	7.5	7.9	6.9	4.1	5.8	5.1	4.0	5.3	6.0	7.9
	Sapangdaku River	C	7.6	6.8	6.8	4.3	5.1	5.3	3.0	5.6	7.0	7.3

Continued

Table 1.35
**ANNUAL DISSOLVED OXYGEN (DO) CONCENTRATION OF SELECTED FRESHWATER BODIES BY REGION *(concluded*
2006 to 2015
(In milligrams per liter)

Region	Water Body	Class*	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
VIII - Easten Visayas												
	Bao River	C	...	...	...	...	...	...	8.8	10.5	7.6	7.7
IX - Zamboanga Peninsula												
	Mercedes River	C	6.4	6.2	7.5	5.8	6.0	6.9	6.9	6.2	5.5	6.1
	Patalon River	A/B	8.6	7.7	7.8	11.0	7.5	8.3	8.2	7.5	8.0	7.4
	Saaz River	A/B	8.5	7.8	8.4	7.8	7.3	7.9	8.4	7.7	8.1	7.7
	Tumaga River	A/B/C	6.1	6.1	7.0	7.0	5.6	7.3	7.4	7.4	6.6	7.1
X - Northern Mindanao												
	Agusan River	C	...	...	...	8.1	7.9	7.9	8.3	...	8.0	1.4
	Alae River	C	...	...	...	7.0	...	6.3	6.2	...	6.7	13.0
	Bigaan River	C	...	...	8.1	9.6	6.5	7.7	8.2	...	7.2	...
	Cagayan de Oro River	A	...	8.3	8.1	8.8	8.2	8.2	4.5	6.8	7.7	7.2
	Cugman River	C	...	...	7.7	8.2	7.7	7.7	8.2	...	7.5	2.1
	Iponan River	A	...	...	7.9	7.8	6.8	7.9	7.6	6.8	6.8	1.0
	Umalag River	C	...	...	...	9.8	...	6.8	9.2	7.0	7.1	4.6
XI - Davao Region												
	Agusan River	C	6.6	6.7	7.2	...	...	...	6.9	7.0	7.2	7.5
	Bitanagan River	C	6.8	7.3	6.9	...	...	...	...	...	7.8	7.2
	Bunawan River	C	5.5	7.3	5.5	...	...	...	...	...	...	6.8
	Davao River	A/B	7.2	6.4	6.9	7.4	6.6	7.6	7.1	7.0	7.5	7.5
	Digos River	B/C	7.8	7.5	8.0	...	...	...	7.4	7.2	7.7	7.9
	Hijo River	C	7.5	7.7	7.6	...	...	...	7.7	7.2	7.8	7.2
	Kingking River	C	7.4	6.9	7.7	...	...	...	...	...	7.4	7.0
	Lasang River	B	7.3	7.3	7.4	...	...	...	...	...	...	7.8
	Libuganon River	C	...	...	...	...	...	...	...	7.5	7.6	7.5
	Lipadas River	AA/C	7.1	6.2	6.7	...		7.3	6.8	6.5	6.5	6.4
	Manurigao River	A	7.9	6.3	7.0	...	...	...	...	...	...	8.3
	Matiao River	C	7.7	7.9	8.3	...	...	...	8.1	7.6	7.9	7.6
	Matina River	B	...	...	...	...	...	...	6.7	6.4	6.4	7.1
	Naboc River	C	7.5	7.1	7.6	7.1	7.0	7.8	7.7	7.5	7.9	7.8
	Padada River	C	7.2	5.7	5.9	...	...	...	7.2	6.9	7.2	7.1
	Sumlog River	B/C	7.2	7.5	7.4	...	...	...	...	...	8.3	7.7
	Tagum River	D	7.0	6.7	6.3	...	...	...	...	6.9	7.0	6.8
	Talomo River	B	6.7	6.3	6.7	6.6	7.0	6.6	7.2	7.1	7.4	7.7
	Tuganay River	B	6.6	6.0	5.0	...	...	6.6	6.8	6.5	4.2	6.8
XII - SOCCSKSARGEN												
	Lake Sebu	B/C	...	...	8.2	7.6	6.8	...	...	...	...	6.2
	Libungan River	C	...	...	...	...	...	7.3	8.8	...	...	...
	Marbel River	C	...	...	...	...	...	...	7.8	7.3	7.3	8.3
	Matingao River	C	...	...	...	...	...	...	7.7	7.2	8.1	8.4
	Silway River	C	...	...	...	...	5.1	6.5	7.2	7.1	7.2	7.0
XIII - Caraga												
	Agusan River	C	7.0	6.6	6.8	6.7	6.4	6.3	6.6	6.2	6.9	1.3
	Cabadbaran River	A	8.2	7.9	...	...	...	...	...	...	...	1.2
	Taguibo River	A/C/D	6.9	7.4	7.6	7.4	7.3	7.4	6.6	6.9	7.1	3.0
	Tubay River	A	...	...	7.6	7.5	...	...	...	7.1	7.8	0.7

* See Annex
NC - Not yet classified

Table 1.36.1
WATER QUALITY OF LAGUNA DE BAY BY TESTING STATION AND PARAMETERS
2009

Testing Station	Parameters					
	Biochemical Oxygen Demand (BOD), mg/L			Dissolved Oxygen (DO), mg/L		
	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
Station I - West Bay	1.2	<=7	Passed	7.8	>=5	Passed
Station II - East Bay	1.3	<=7	Passed	8.5	>=5	Passed
Station IV - Central Bay	1.5	<=7	Passed	8.1	>=5	Passed
Station V - West Bay near Pasig River	1.7	<=7	Passed	8.0	>=5	Passed
Station VIII - South Bay	2.3	<=7	Passed	8.4	>=5	Passed

Note :
* - No criteria for Class "C" water
Source : Laguna Lake Development Authority

Table 1.36.2
WATER QUALITY OF LAGUNA DE BAY BY TESTING STATION AND PARAMETERS
2010

Testing Station	Parameters					
	Biochemical Oxygen Demand (BOD), mg/L			Dissolved Oxygen (DO), mg/L		
	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
Station I - West Bay	6.0	<=7	Passed	9.1	>=5	Passed
Station II - East Bay	5.3	<=7	Passed	8.0	>=5	Passed
Station IV - Central Bay	4.0	<=7	Passed	8.8	>=5	Passed
Station V - West Bay near Pasig River	5.3	<=7	Passed	8.7	>=5	Passed
Station VIII - South Bay	5.3	<=7	Passed	8.0	>=5	Passed

Note :
* - No criteria for Class "C" water
Source : Laguna Lake Development Authority

Table 1.36.1 ***(continued)***

Parameters								
Ammonia, mg-N/L			Nitrate, mg/L			pH, units		
Average Con-centration	Criteria*	Remarks	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
0.040	…	…	0.220	<=10	Passed	8.3	6.6 to 8.5	Passed
0.010	…	…	0.210	<=10	Passed	8.3	6.6 to 8.5	Passed
0.030	…	…	0.160	<=10	Passed	8.2	6.6 to 8.5	Passed
0.020	…	…	0.410	<=10	Passed	8.3	6.6 to 8.5	Passed
0.020	…	…	0.290	<=10	Passed	8.3	6.6 to 8.5	Passed

Table 1.36.2 ***(continued)***

Parameters								
Ammonia, mg-N/L			Nitrate, mg/L			pH, units		
Average Con-centration	Criteria*	Remarks	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
0.070	…	…	0.180	<=10	Passed	8.0	6.6 to 8.5	Passed
0.030	…	…	0.210	<=10	Passed	8.2	6.6 to 8.5	Passed
0.040	…	…	0.140	<=10	Passed	8.4	6.6 to 8.5	Passed
0.050	…	…	0.320	<=10	Passed	8.2	6.6 to 8.5	Passed
0.030	…	…	0.180	<=10	Passed	8.1	6.6 to 8.5	Passed

Table 1.36.3
WATER QUALITY OF LAGUNA DE BAY BY TESTING STATION AND PARAMETERS
2011

Testing Station	Parameters					
	Biochemical Oxygen Demand (BOD), mg/L			Dissolved Oxygen (DO), mg/L		
	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
Station I - West Bay	2.7	<=7	Passed	7.7	>=5	Passed
Station II - East Bay	2.3	<=7	Passed	8.2	>=5	Passed
Station IV - Central Bay	2.0	<=7	Passed	8.5	>=5	Passed
Station V - West Bay near Pasig River	2.8	<=7	Passed	7.4	>=5	Passed
Station VIII - South Bay	2.2	<=7	Passed	8.1	>=5	Passed

Note :
* - No criteria for Class "C" water
Source : Laguna Lake Development Authority

Table 1.36.4
WATER QUALITY OF LAGUNA DE BAY BY TESTING STATION AND PARAMETERS
2012

Testing Station	Parameters					
	Biochemical Oxygen Demand (BOD), mg/L			Dissolved Oxygen (DO), mg/L		
	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
Station I - West Bay	1.8	<=7	Passed	7.6	>=5	Passed
Station II - East Bay	1.4	<=7	Passed	7.9	>=5	Passed
Station IV - Central Bay	1.5	<=7	Passed	8.0	>=5	Passed
Station V - West Bay near Pasig River	2.0	<=7	Passed	7.5	>=5	Passed
Station VIII - South Bay	1.8	<=7	Passed	8.1	>=5	Passed
Station XV - San Pedro	1.8	<=7	Passed	8.2	>=5	Passed
Station XVI - Sta. Rosa	1.6	<=7	Passed	8.1	>=5	Passed
Station XVII - Sanctuary	1.5	<=7	Passed	7.9	>=5	Passed
Station XVIII - Pagsanjan	1.9	<=7	Passed	8.0	>=5	Passed

Note :
* - No criteria for Class "C" water
Source : Laguna Lake Development Authority

Table 1.36.3 *(continued)*

Parameters								
Ammonia, mg-N/L			Nitrate, mg/L			pH, units		
Average Con-centration	Criteria*	Remarks	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
0.170	…	…	0.180	<=10	Passed	7.7	6.6 to 8.5	Passed
0.040	…	…	0.100	<=10	Passed	7.8	6.6 to 8.5	Passed
0.060	…	…	0.200	<=10	Passed	8.0	6.6 to 8.5	Passed
0.150	…	…	0.170	<=10	Passed	7.8	6.6 to 8.5	Passed
0.050	…	…	0.110	<=10	Passed	7.9	6.6 to 8.5	Passed

Table 1.36.4 *(continued)*

Parameters								
Ammonia, mg-N/L			Nitrate, mg/L			pH, units		
Average Con-centration	Criteria*	Remarks	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
0.160	…	…	0.180	<=10	Passed	8.5	6.6 to 8.5	Failed
0.150	…	…	0.120	<=10	Passed	8.6	6.6 to 8.5	Failed
0.040	…	…	0.160	<=10	Passed	8.6	6.6 to 8.5	Failed
0.290	…	…	0.160	<=10	Passed	8.4	6.6 to 8.5	Passed
0.060	…	…	0.150	<=10	Passed	8.3	6.6 to 8.5	Passed
0.050	…	…	0.120	<=10	Passed	8.7	6.6 to 8.5	Failed
0.050	…	…	0.120	<=10	Passed	8.6	6.6 to 8.5	Failed
0.050	…	…	0.120	<=10	Passed	8.7	6.6 to 8.5	Failed
0.060	…	…	0.040	<=10	Passed	8.7	6.6 to 8.5	Failed

Table 1.36.5
WATER QUALITY OF LAGUNA DE BAY BY TESTING STATION AND PARAMETERS
2013

Testing Station	Parameters					
	Biochemical Oxygen Demand (BOD), mg/L			Dissolved Oxygen (DO), mg/L		
	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
Station I - West Bay	1.9	<=7	Passed	7.9	>=5	Passed
Station II - East Bay	1.5	<=7	Passed	7.8	>=5	Passed
Station IV - Central Bay	2.2	<=7	Passed	8.2	>=5	Passed
Station V - West Bay near Pasig River	2.8	<=7	Passed	7.2	>=5	Passed
Station VIII - South Bay	1.9	<=7	Passed	8.1	>=5	Passed
Station XV - San Pedro	2.2	<=7	Passed	7.5	>=5	Passed
Station XVI - Sta. Rosa	2.4	<=7	Passed	8.4	>=5	Passed
Station XVII - Sanctuary	2.5	<=7	Passed	8.4	>=5	Passed
Station XVIII - Pagsanjan	2.1	<=7	Passed	8.6	>=5	Passed
Over-all (Average)	2.2			8.0		

Note :
* - No criteria for Class "C" water
Source : Laguna Lake Development Authority

Table 1.36.6
WATER QUALITY OF LAGUNA DE BAY BY TESTING STATION AND PARAMETERS
2014

Testing Station	Parameters					
	Biochemical Oxygen Demand (BOD), mg/L			Dissolved Oxygen (DO), mg/L		
	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
Station I - West Bay	2.3	<=7	Passed	8.4	>=5	Passed
Station II - East Bay	2.5	<=7	Passed	7.9	>=5	Passed
Station IV - Central Bay	2.5	<=7	Passed	8.3	>=5	Passed
Station V - West Bay near Pasig River	3.8	<=7	Passed	9.1	>=5	Passed
Station VIII - South Bay	2.2	<=7	Passed	8.5	>=5	Passed
Station XV - San Pedro	2.5	<=7	Passed	8.3	>=5	Passed
Station XVI - Sta. Rosa	2.3	<=7	Passed	9.3	>=5	Passed
Station XVII - Sanctuary	2.3	<=7	Passed	8.5	>=5	Passed
Station XVIII - Pagsanjan	2.3	<=7	Passed	8.1	>=5	Passed
Over-all (Average)	2.5			8.5		

Note :
* - No criteria for Class "C" water
Source : Laguna Lake Development Authority

Table 1.36.5 *(continued)*

Parameters								
Ammonia, mg-N/L			Nitrate, mg/L			pH, units		
Average Con-centration	Criteria*	Remarks	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
0.040	…	…	0.050	<=10	Passed	8.3	6.6 to 8.5	Passed
0.030	…	…	0.080	<=10	Passed	8.4	6.6 to 8.5	Passed
0.050	…	…	0.040	<=10	Passed	8.6	6.6 to 8.5	Failed
0.100	…	…	0.130	<=10	Passed	8.1	6.6 to 8.5	Passed
0.040	…	…	0.040	<=10	Passed	5.5	6.6 to 8.5	Failed
0.080	…	…	0.040	<=10	Passed	8.5	6.6 to 8.5	Passed
0.040	…	…	0.050	<=10	Passed	8.7	6.6 to 8.5	Failed
0.030	…	…	0.020	<=10	Passed	8.7	6.6 to 8.5	Failed
0.030	…	…	0.030	<=10	Passed	8.7	6.6 to 8.5	Failed
0.050			0.050			8.5		

Table 1.36.6 *(continued)*

Parameters								
Ammonia, mg-N/L			Nitrate, mg/L			pH, units		
Average Con-centration	Criteria*	Remarks	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
0.060	…	…	0.210	<=10	Passed	8.0	6.6 to 8.5	Passed
0.040	…	…	0.110	<=10	Passed	8.1	6.6 to 8.5	Passed
0.050	…	…	0.200	<=10	Passed	8.1	6.6 to 8.5	Passed
0.050	…	…	0.180	<=10	Passed	8.2	6.6 to 8.5	Passed
0.030	…	…	0.250	<=10	Passed	8.1	6.6 to 8.5	Passed
0.040	…	…	0.140	<=10	Passed	8.1	6.6 to 8.5	Passed
0.030	…	…	0.110	<=10	Passed	8.2	6.6 to 8.5	Passed
0.070	…	…	0.180	<=10	Passed	8.0	6.6 to 8.5	Passed
0.100	…	…	0.180	<=10	Passed	8.2	6.6 to 8.5	Passed
0.050			0.170			8.1		

Table 1.36.7
WATER QUALITY OF LAGUNA DE BAY BY TESTING STATION AND PARAMETERS
2015

Testing Station	Parameters					
	Biochemical Oxygen Demand (BOD), mg/L			Dissolved Oxygen (DO), mg/L		
	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
Station I - West Bay	4.0	<=7	Passed	8.4	>=5	Passed
Station II - East Bay	4.6	<=7	Passed	8.0	>=5	Passed
Station IV - Central Bay	4.1	<=7	Passed	8.4	>=5	Passed
Station V - West Bay near Pasig River	5.0	<=7	Passed	9.2	>=5	Passed
Station VIII - South Bay	4.0	<=7	Passed	8.3	>=5	Passed
Station XV - San Pedro	5.0	<=7	Passed	8.6	>=5	Passed
Station XVI - Sta. Rosa	5.2	<=7	Passed	8.7	>=5	Passed
Station XVII - Sanctuary	5.0	<=7	Passed	8.6	>=5	Passed
Station XVIII - Pagsanjan	5.0	<=7	Passed	8.5	>=5	Passed
Over-all (Average)	4.7			8.5		

Note :
* - No criteria for Class "C" water
Source : Laguna Lake Development Authority

Table 1.36.7 *(continued)*

Parameters								
Ammonia, mg-N/L			Nitrate, mg/L			pH, units		
Average Con-centration	Criteria*	Remarks	Average Con-centration	Criteria	Remarks	Average Con-centration	Criteria	Remarks
…	…	…	1.019	<=10	Passed	8.3	6.6 to 8.5	Passed
…	…	…	0.473	<=10	Passed	8.3	6.6 to 8.5	Passed
…	…	…	0.769	<=10	Passed	8.3	6.6 to 8.5	Passed
…	…	…	0.694	<=10	Passed	8.2	6.6 to 8.5	Passed
…	…	…	0.700	<=10	Passed	8.3	6.6 to 8.5	Passed
…	…	…	0.447	<=10	Passed	8.3	6.6 to 8.5	Passed
…	…	…	0.557	<=10	Passed	8.4	6.6 to 8.5	Passed
…	…	…	0.550	<=10	Passed	8.3	6.6 to 8.5	Passed
…	…	…	0.387	<=10	Passed	8.3	6.6 to 8.5	Passed
			0.622			8.3		

Table 1.37
ANNUAL AVERAGE DISSOLVED OXYGEN CONCENTRATION OF SELECTED MARINE WATERBODIES BY REGION
2006 to 2015
(In milligrams per liter)

Region	Water Body	Class*	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
III - Central Luzon												
	Bulacan Bay	SB	...	...	...	...	...	...	7.4	4.8	...	...
	Manila Bay (bathing beaches)	SB	...	...	...	...	...	...	5.6	5.3	...	3.8
	Limay Mariveles Coastal	SB	...	...	...	...	...	...	...	5.4	4.2	3.6
	Beach Monitoring (Iba Zambales)	SB	...	...	...	...	...	...	...	5.1	4.2	3.3
	Pampanga Bay	SB	...	...	...	...	...	...	5.8	5.0	...	4.3
MIMAROPA												
	Bacuit Bay	SB	...	...	...	...	...	...	6.7	6.8	7.2	
	Coron Bay	SB	...	...	...	6.1	5.9	...	7.0	9.1	5.4	8.6
	Sabang Bay	SC	...	...	8.2	...	...	...	7.7	9.7	6.7	
VI - Western Visayas												
	Iloilo Coastline	SC	7.2	6.7	6.2	6.5	7.0	...	6.3	...	...	7.0
	Boracay Coastal Water	SC	7.2	7.0	6.8	6.7	6.8	...	6.7	...	7.0	7.0
	Guimaras Strait	SC	6.6	2.9	...	...	7.4	...	7.2	7.0	7.3	7.3
	Iloilo Strait	SC	6.7	...	...	...	7.1	6.7	6.7	6.4	7.5	7.2
	Roxas City Coastline	SB	...	...	6.8	6.7	...	...	6.0	...	...	6.5
VIII - Easten Visayas												
	Ormoc Bay	SC	8.6	11.7	...	8.8	9.6	10.3	10.0	9.4	7.9	9.6
IX - Zamboanga Peninsula												
	Bolong Beach	SB	...	7.7	...	...	...	...	...	...	...	...
	Caragasan Beach	SB	...	...	...	...	...	6.6	6.1	6.6	...	...
	Cawa-cawa Beach Resort	SB	5.8	5.7	6.5	5.2	6.6	6.0	5.6	6.6	...	5.6
	Golf Course Beach Resort	SB	7.5	7.1	7.2	6.2	7.5	6.6	6.8	6.9	...	6.3
	La Aplaya Bonita Beach	SB	...	7.8	...	...	...	7.0	6.9	6.9	...	...
	La Vista del Mar Beach Resort	SB	8.1	7.0	7.1	6.8	...	6.7	6.6	6.7	...	6.5
	Puerto Villa Beach	SB	...	7.8	...	...	...	7.5	6.6	6.9	...	...
X - Northern Mindanao												
	Macalajar Bay	NC	...	...	...	...	6.6	5.2	5.7	7.6	...	...
XII - SOCCSKSARGEN												
	Sarangani Bay	SC	6.7	6.7	6.2	6.5	6.0	6.2	5.7	5.9	5.9	...
XIII - Caraga												
	Hinagkaban Bay	SC	...	...	...	...	...	6.4	6.6	...	...	...
	Taganito Bay	SA	...	...	...	...	6.7	6.4	6.5	...	...	...

* See Annex
NC - not yet classified

Table 1.38
ANNUAL TOTAL COLIFORM GEOMETRIC MEAN OF SELECTED MARINE WATERBODIES BY REGION
2006 to 2015
In MPN/100 mL

Region	Water Body	Class*	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
III - Central Luzon												
	Bulacan Bay	SB	...	...	...	...	...	...	350.0	3051.1	...	...
	Manila Bay (bathing beaches)	SB	...	...	...	...	...	...	6401.1	2904.1	...	...
	Limay Mariveles Coastal	SB	...	...	...	...	...	...	...	345.3	721.6	744.8
	Beach Monitoring (Iba Zambales)	SB	...	...	...	...	...	...	311.9	96.2	18.3	77.3
	Pampanga Bay	SB	...	...	...	...	...	...	57.2	2902.2	...	...
MIMAROPA												
	Bacuit Bay	SB	...	...	...	...	...	...	764.9	624.4	...	805.0
	Coron Bay	SB	...	...	...	...	...	...	6551.0	6474.2	...	1445.7
	Sabang Bay	SC	...	...	...	...	...	...	1258.1	2073.1	1097.7	2785.2
VI - Western Visayas												
	Iloilo Coastline	SC	...	...	...	...	...	...	17157.2	...	...	...
	Boracay Coastal Water	SC	...	...	...	...	...	21.0	35.6	20.9	28.4	25.8
	Guimaras Strait	SC	...	...	...	...	...	120.3	536.3	321.6	126.2	128.8
	Iloilo Strait	SC	...	...	...	...	...	121.2	808.8	369.8	375.5	275.2
	Roxas City Coastline	SB	...	...	...	...	...	...	2106.9	...	...	374.4
VIII - Easten Visayas												
	Ormoc Bay	SC	...	...	...	...	...	...	...	...	...	...
IX - Zamboanga Peninsula												
	Bolong Beach	SB	...	...	...	...	...	...		356.5	1315.1	435.2
	Caragasan Beach	SB	...	...	...	...	...	...	211.6	699.5	3425.0	5830.5
	Cawa-cawa Beach Resort	SB	...	...	...	...	...	...	24801.4	1461.7	48899.7	5830.5
	Golf Course Beach Resort	SB	...	...	...	...	...	...	...	...	...	8511.1
	La Aplaya Bonita Beach	SB	...	...	...	...	...	7382.1	5.8	57.8	1900.0	...
	La Vista del Mar Beach Resort	SB	...	...	...	...	...	...	...	...	...	...
	Puerto Villa Beach	SB	...	...	...	...	...	6053.4	8.0	26.8	3937.0	1217.9
X - Northern Mindanao												
	Macalajar Bay	NC	...	...	...	...	...	68.5	108.4	42.3		
XII - SOCCSKSARGEN												
	Sarangani Bay	SC	...	...	...	...	...	...	111.8	17.9	46.5	538.7
XIII - Caraga												
	Hinagkaban Bay	SC	...	...	...	...	...	...	...	...	...	...
	Taganito Bay	SA	...	...	...	...	...	...	...	...	...	...

* See Annex
NC - not yet classified

Component Two

Environmental Resources and their Use

COMPONENT TWO

ENVIRONMENTAL RESOURCES AND THEIR USE

Environmental resources are defined as "the naturally living and non-living components of the Earth, together constituting the biophysical environment, which may provide benefits to humanity"[3]. In this light, Component 2: "Environmental Resources and Their Use" focuses on the stocks and changes in stocks of these resources brought about by human activities. Statistics under this component are mostly concerned with the monitoring of the availability, consumption and use of environmental resources.

Component 2 is deeply connected to the Physical Flow and Asset Accounts of the System of Environmental-Economic Accounting (SEEA) 2012 Central Framework. These accounts aid policymaking on the consumption and use of environmental resources. The main goal of the flow accounts is to record the physical amount of resources from the environment, within the economy and back to the environment. Asset accounts, on the other hand, are used to monitor the stocks of environmental resources and the changes in these stocks due to natural regeneration, extraction, reappraisals, reclassification and catastrophes. A number of the statistics compiled in this component, particularly those that concern the stocks and the extraction and use of resources, are essential in compiling these accounts.

This component also contains statistics needed to derive indicators necessary in monitoring the achievement of the Sustainable Development Goals (SDGs). Most of the core indicators recommended under the component are anchored on issues like food security (SDG 2), availability of clean water (SDG 6), sufficiency of energy (SDG 7), and maintenance of life on water and land (SDGs 14 and 15, respectively). Forests are also given emphasis for their numerous benefits—provision of resources and mitigation of global warming (SDG 13). Overall these statistics are linked to the end goals of responsible consumption (SDG 12), sustainable growth (SDG 8), and innovation (SDG 9).

There are six subcomponents in Component 2, as stated in the FDES. These are mineral resources, energy resources, land, soil resources, biological resources and water resources. However, only four of these subcomponents were covered in this compendium. Twenty three out of the 30 core statistics in Component 2 recommended in the revised version of the FDES 2013 were compiled for 2016. Details covering the compilation of these statistics are detailed per subcomponent below.

[3] System of Environmental-Economic Accounting 2012 Central Framework

2.1 Mineral Resources

Minerals are defined as the "elements or compounds composed of a concentration of naturally occurring solid, liquid, or gaseous materials in or on the earth's crust"[4]. These include metals like gold, silver and aluminum, and non-metals like precious gems, sand, and clay. By definition, coal and petroleum resources are also considered as non-metallic minerals, but due to their capacity to provide energy, they are included in Subcomponent 2.2. Energy Resources.

Mineral resources do not regenerate on any human timescale, and thus are considered non-renewable. This implies that the rate at which they are extracted is also the rate of their depletion, and points to the concern on the monitoring of the availability and extraction of these resources. FDES 2013 recommends that the stocks of commercially recoverable mineral resources and the levels of extraction for each resource be recorded.

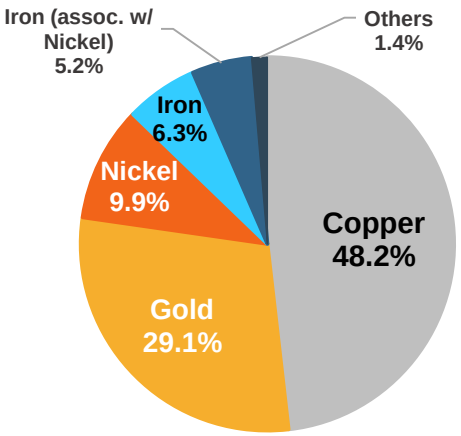
2.1.1 Metallic and Non-metallic Mineral Resources/Reserves

The Mines and Geosciences Bureau provided the Mineral Resource/Reserve Inventory as of 2015 and Volume of Mineral Production for 2006 to 2015 for the core statistics under this topic.

The Metallic Mineral Resource/Reserve Inventory shows the amount of reserves of ten (10) metallic minerals, with copper and gold having the largest and second largest shares at 7.38 billion metric tons (MT) and 4.46 billion metric tons, or 48.1 percent and 29.1 percent of the total amount of reserves, respectively. The SOCCSKSARGEN is the richest region with these two minerals, having 4.28 billion MT and 2.27 billion MT of copper and gold in deposits, respectively.

Nickel, iron and iron associated with nickel also comprise 9.9 percent, 6.3 percent and 5.2 percent of the total amount of metallic reserves, respectively. Other metallic minerals that can also be found in the country are aluminum, chromite, silver, zinc and manganese.

Figure 2.1. Percent Distribution of Metallic Minerals in the Philippines in 2015

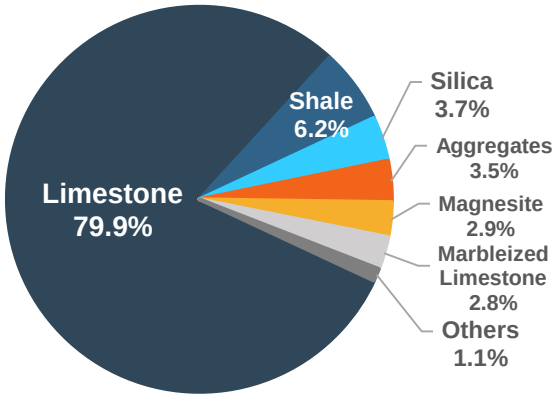


Source: Mines and Geosciences Bureau

[4] United Nations Framework for the Development of Environment Statistics 2013 (Final official edited version)

Meanwhile, twenty-one non-metallic minerals were recorded under the Non-Metallic Resource/Reserve Inventory. Limestones are the most abundant, with over 30.7 billion MT or 79.9 percent of the total non-metallic mineral deposits. The biggest deposits of limestone can be found in Central and Eastern Visayas, wherein 9.9 billion MT and 6.2 billion MT of deposits can be found, respectively.

Figure 2.2. Percent Distribution of Non-Metallic Minerals in the Philippines in 2015



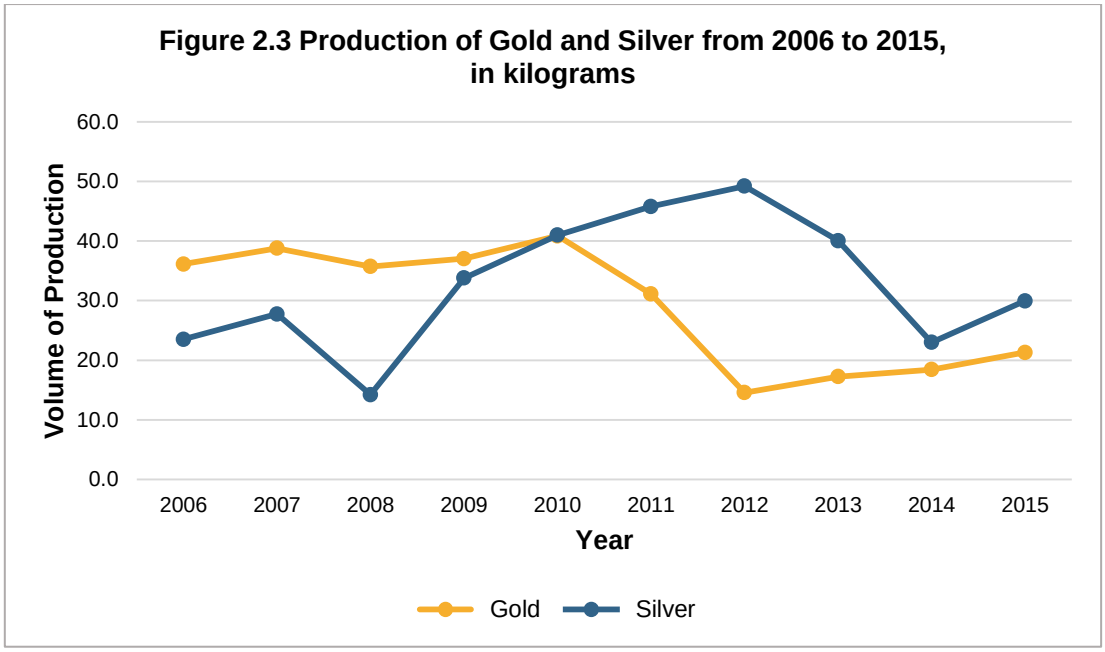
Source: Mines and Geosciences Bureau

2.1.2 Mineral Production

A summary of the levels of production of 72 mineral products is presented in Table 2.2. These are classified into precious metals, base metals, clays, construction materials, limestone for agricultural and industrial use, fertilizer materials, miscellaneous materials, cement raw materials and cement.

Figure 2.3 shows the production levels of precious metals gold and silver from 2006 to 2015. From 2006 to 2009, gold production exceeds that of silver. However, after they almost equal in 2010, silver production has been greater than gold until 2015. Among the other metallic products, the most produced is nickel ore directly shipped from the country, with production amounting to almost 3.6 thousand MT in 2006 and growing tenfold to 32.5 thousand MT in 2015.

Sand and gravel production, the most produced construction materials, grew almost threefold in a span of ten years from 2006. Aggregates, the second most produced construction material, grew threefold in the span of ten years from 2.2 million cubic meters in 2006 to 6.9 million cubic meters in 2015.



Source: Mines and Geosciences Bureau

2.2 Energy Resources

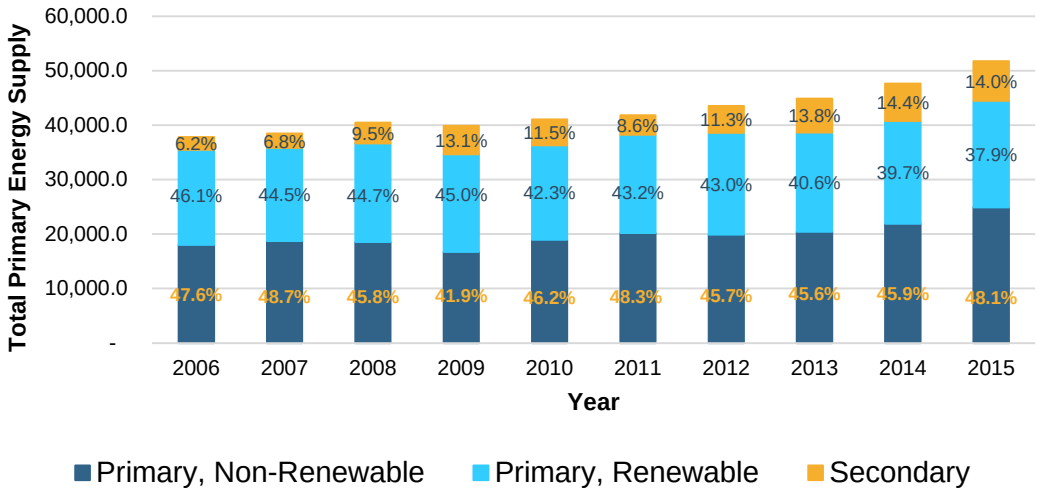
Based on the revised FDES 2013, energy resources may include all fossil fuels (coal, natural gas and oil), peat resources and uranium ores. As implied in the previous subcomponent, these resources are also non-renewable, thus the recording of its stocks and changes in stocks are also necessary. The FDES also recommends the compilation of statistics on the energy supply and consumption of energy from both renewable and non-renewable sources, particularly to track energy efficiency and sufficiency.

The compendium focused on the compilation of statistics on the production, trade and use of energy only. For the seven core indicators under this topic, the Department of Energy provided the Energy Balance Tables (EBTs) from 2006 to 2015 in tons of oil equivalent (kTOE), an energy unit. These indicators include: the total production of energy; the production from non-renewable and renewable energy sources; production from primary and secondary sources; total energy supply; and the final consumption of energy. Although not core statistics, the level of imports and exports of energy are also included in the EBTs.

Figure 2.4 shows the breakdown of the country's Total Primary Energy Supply (TPES) by type of energy source, as sourced from the EBTs. TPES is the sum of the domestic production of energy and imports, less the exports of energy and storage changes. Primary energy sources are those sources of energy that directly came from the environment, whereas secondary sources are sources of heat or energy that has undergone prior processing from primary or other secondary energy sources. Non-renewable sources in the EBTs include coal, natural gas, and crude oil and condensate. Energy from renewable sources include that from hydro, geothermal, solar, wind, biodiesel and ethanol. Oil products are the only secondary sources of primary energy supply.

As shown in the figure, the level of TPES exhibits a gradual increase through the years. Energy from primary, non-renewable sources exceed that of the primary, renewable sources by only a few points. The share of renewable sources has decreased over ten years, primarily due to the increase in the share of primary non-renewable and secondary energy sources in the TPES.

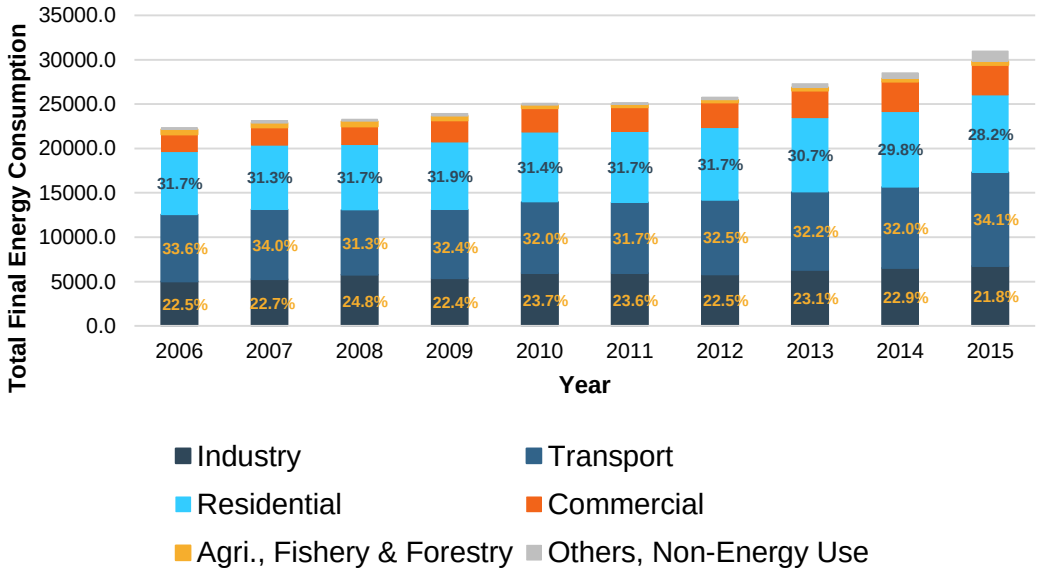
Figure 2.4. Total Primary Energy Supply By Type of Source from 2006 to 2015, in thousands of tons of oil equivalent (kTOE)



Source: Department of Energy

The total final energy consumption, broken down by sector, is shown in Figure 2.5. The Transport sector has been the top consumer of energy in the ten-year span, except for 2008 and 2011 wherein the Residential sector consumed the largest. The shares of the top three energy consumers—the Transport, Residential, and Industrial sectors—remained virtually constant, while that of the Commercial sector grew from 8.6 percent in 2006 to 10.9 percent in 2015.

Figure 2.5. Total Final Energy Consumption By Sector from 2006 to 2015, in thousands of tons of oil equivalent (kTOE)



Source: Department of Energy

2.3 Biological resources

Biological resources consist of animals, plants, fungi and bacteria. They are essential to humans as they provide food and other factors of production. Unlike mineral and energy resources, these resources regenerate depletion occurs when the level of harvest exceeds the rate of natural regeneration.

This subcomponent is comprised of statistics on natural and cultivated biological resources. This is further subdivided into five topics according to the FDES 2013: timber resources, aquatic resources, crops, livestock and other non-cultivated biological resources.

Data for the core indicator under timber resources is not yet available, and there are no core statistics needed to be compiled under “other non-cultivated biological resources”. The data for the seven core statistics compiled for this subcomponent are sourced from the Philippine Statistics Authority (PSA).

2.3.1 Aquatic resources

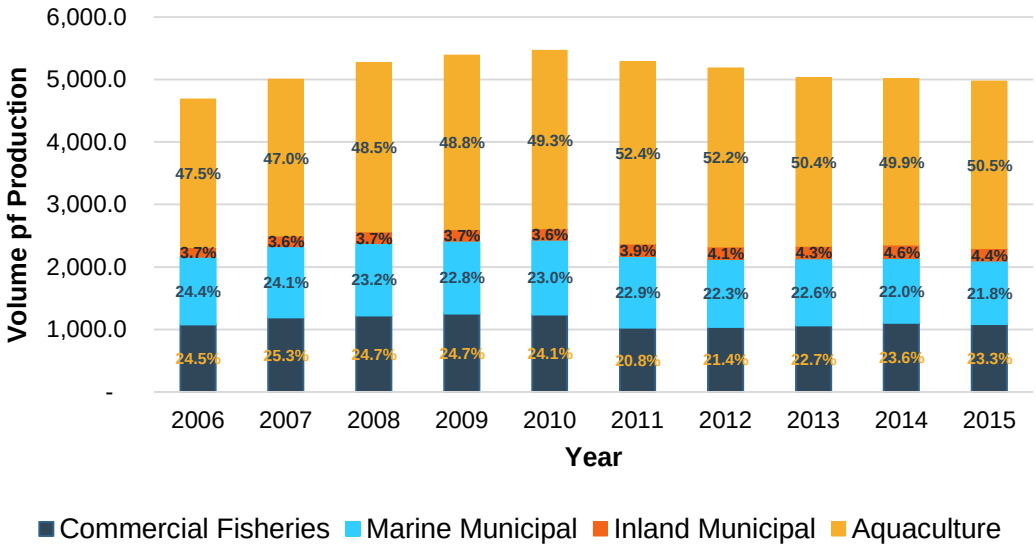
The core statistics under this topic includes the levels of fish capture production and aquaculture production. The data includes levels of production of different species of fish, crustaceans, molluscs and aquatic plants, and are disaggregated by region and province.

Statistics on fish capture production are divided into three: commercial fisheries, inland municipal fisheries, and marine municipal fisheries. Commercial and municipal fishing differs in the capacity of fishing vessels or boats used. Commercial fishing is the catching of fish using boats with a capacity of three (3) gross tons, either for trade, business or profit beyond subsistence, or sports. Municipal fishing utilizes fishing vessels with three (3) gross tons or less of capacity. Aquaculture production, on the other hand, is presented according to the type of environment (brackish water, freshwater or marine water); and type of facility (ponds, pens, cages, or reservoirs). Oyster, mussel, and seaweed farming is also included under Aquaculture. Statistics on fish capture and aquaculture production are provided by the Philippine Statistics Authority.

Figure 2.6 shows that total fish production peaked in 2010 with almost 5.5 million metric tons of fish and aquatic produce. However, it decreased from thereon, settling at over 4.9 million metric tons in 2015. Fish capture declined after 2010, decreasing from around 2.6 million metric tons to over 2.3 million metric tons in 2011, then remained stable in the succeeding years.

Aquaculture provides for around half of the supplies of fish and other aquatic resources in the country. The other half, is mainly provided by commercial fishing and marine municipal fishing. Seaweed production was at its highest in 2011, reaching a level of 1.8 million metric tons; and a recorded level of over 1.5 million metric tons in 2015.

Figure 2.6. Fish Production by Type of Fishery from 2006 to 2015, in thousand metric tons



Source: Philippine Statistics Authority

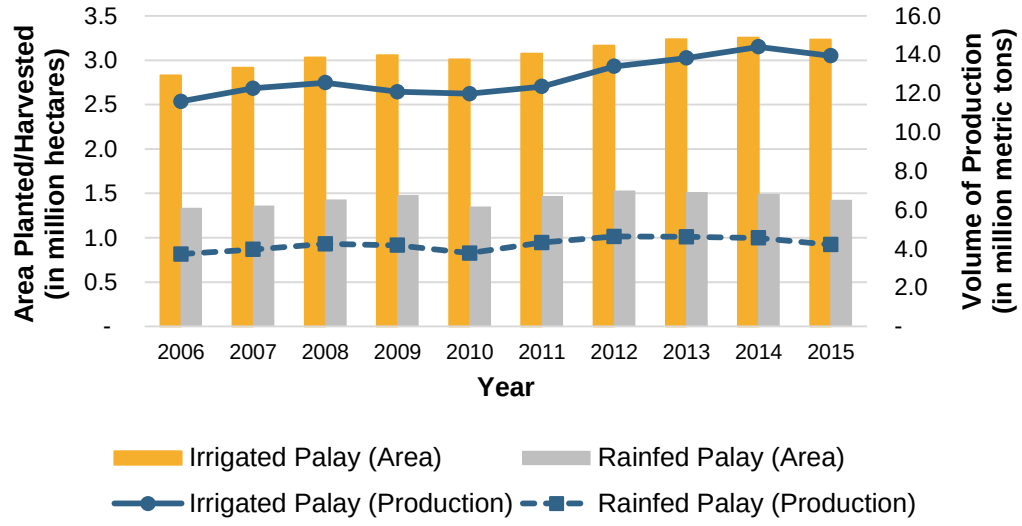
2.3.2 Crops

Four core statistics are compiled for Component 2 under this topic. These are: amount produced, area planted, area harvested and amount used of inorganic fertilizers. Statistics for area harvest and area produced are not differentiated and are compiled in the same table. The amount used of inorganic fertilizers is presented in two ways: by area applied and harvested, and the amount applied by grade. Data on the amount used of natural fertilizers and pesticides are not available.

The amount of production and area planted/harvested covers palay, corn and 66 other crops. Statistics on the volume of production and area planted/harvested for palay and corn are also presented for irrigated palay, rainfed palay, white corn and yellow corn. The most recent collected statistics on the use of inorganic fertilizers includes up to 2014 only. The area applied and harvested with inorganic fertilizers area also available for palay and corn only. Total palay production amounted to 18.1 million metric tons in 2015, or a 2.8-million increase from its level ten years before. Area planted/harvested of palay increased by almost half a million hectares from 4.2 million in 2006 to about 4.7 million hectares in 2015. Area planted/harvested with corn decreased by 8.7 thousand hectares in a span of ten years from 2006. Nonetheless corn production increased by more than 1.4 million metric tons in the same span of time.

The area of planted/harvested irrigated and rainfed palay are shown in Figure 2.7. Land with irrigated palay is double that of rainfed palay area planted/harvested. However, production of irrigated palay is thrice bigger than production of rainfed palay. Over ten years starting 2006, the land used for irrigated palay grew by 400 thousand hectares, while land used for rainfed palay increased by almost 91 thousand hectares. Production of irrigated palay, meanwhile, increased by 20.2 percent or 2.3 million metric tons in the ten-year span. Rainfed palay production grew by 13 percent or 480 thousand metric tons from 2006 to 2015.

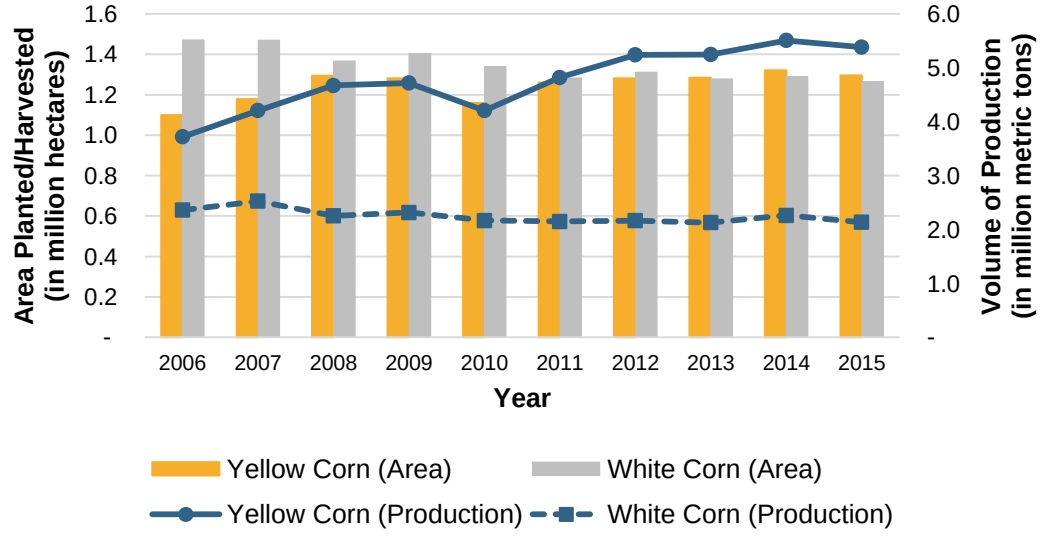
Figure 2.7. Area Planted/Harvested and Volume of Production: Irrigated and Rainfed Palay from 2006 to 2015



Source: Philippine Statistics Authority

As shown in Figure 2.8, area used for white corn decreased from almost 1.5 million hectares from 2006 to over 1.2 million in (what year). White corn production also decreased after reaching its peak at 2.5 million metric tons in 2007, amounting to 2.1 million metric tons over 2015. Area planted/harvested with yellow corn has increased by 18 percent over ten years from 1.1 million hectares in 2006, while yellow corn production grew by almost 45 percent from a level of 3.7 million metric tons in (what year?).

Figure 2.8. Area Planted/Harvested and Volume of Production: Yellow Corn and White Corn from 2006 to 2015



Source: Philippine Statistics Authority

Data shows a significant shift to coconut planting in 2010, as area planted/harvested grew by almost 175 thousand hectares. Planting/harvesting area of bananas grew until 2012, but declined in the next years and settled at 443 thousand hectares in 2015. Area planted with

sugarcane declined by almost 50 thousand hectares in 2010, but increased in the subsequent years. Cassava plantation area reached a peak at 221 thousand hectares in 2011, before declining to a steady 217 thousand hectares in the next three years. Picking up in 2015, area planted/harvested of rubber amounted to 222 thousand hectares. It also displayed a steady growth from 2006 to 2015, growing the fastest by 32 thousand hectares from 2013 to 2014.

Sugarcane and coconut are the largest produced crops in terms of volume, with production amounting to 22.9 million and 14.7 million metric tons respectively, in 2015. Banana production steadily grew from 6.7 million metric tons in 2006 to 9 million metric tons in 2015. Cassava production also exhibited a steady growth, increasing by 55 percent from 1.7 million metric tons of produce in 2006 to 2.7 million metric tons in 2015.

The area applied and the area harvested applied with inorganic fertilizers for palay steadily grew from 2005 to 2014. However, the area applied with inorganic fertilizer for corn declined in 2009, dropping by more than 327 thousand hectares from a level of 2.5 million hectares in the previous year. While this picked up in the following years, it declined again in 2015 with a total area of over 2 million hectares.

The grades of inorganic fertilizers listed in Tables 2.9.1 and 2.9.2 are Urea, Ammosul, Ammophos, Complete and Others. The data shows that average use of inorganic fertilizers increased in the ten-year period from 2005 to 2014, with Urea and Complete fertilizers being the most and second most applied type of fertilizers for both palay and corn. Among all regions, the Ilocos Region is the top user of inorganic fertilizers, consuming an average of 6.3 and 6.9 bags of fifty kilos respectively per year for palay and corn.

2.3.3 Livestock

Livestock, as defined in the FDES 2013, are animals raised by humans for commercial purposes, consumption or labor. Data for the only core statistic in this topic is collected from the Livestock Inventory as of January 1 of the indicated year. The species covered consist of cattle, carabao, hog, goat, chicken and duck. The statistics are also classified according to farm type (i.e. commercial or backyard), except for chicken, which is categorized into broilers, layers and native chicken.

For four-legged animals, commercial farms are those that satisfy one of the following: a) at least 21 adults and zero young; b) at least 41 heads of young animals; c) at least 10 heads of adults and 22 heads of young animals. For poultry, a commercial farm should satisfy any of the following criteria: a) 500 layers or 1,000 broilers; b) 100 layers and 100 broilers, if raised in combination; c) 100 heads of ducks regardless of age. Backyard farms refer to those that do not fall in the category of commercial farming.

Figure 2.9 shows the inventories of carabao, cattle, goat and hog from 2006 to 2015. As seen in the figure, the inventories were relatively constant from 2006 to 2010, ranging from 22.3 to 23.8 million heads, slightly decreasing from 21.8 million in 2011 to 21.1 million heads in 2015.

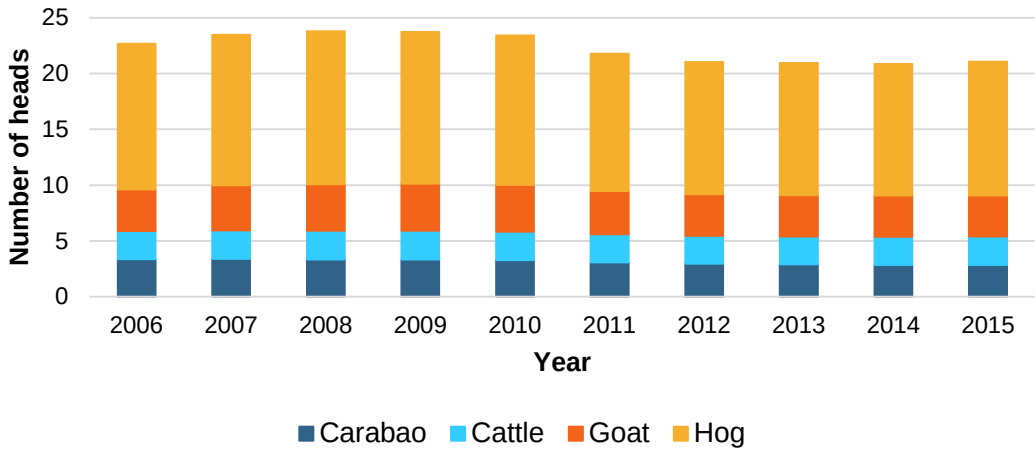
Overall, hogs comprise the biggest share of livestock as 127 million heads counted in the ten year span, with 69 percent raised in backyards and 31 percent raised in commercial farms. On the other hand, cattle had the least number with 25 million heads, most of which are in backyard farms (93 percent). Similarly, almost all the carabaos (99.7 percent) and goats (98.7 percent) are raised in backyard farms.

Ducks are mostly raised in backyard farms; with the largest number recorded in 2015 at over 3 million ducks. Based on inventory, the highest was recorded in 2006 with 11 million ducks, 77 percent of which were raised in backyard farms and 23 percent in commercial

farms. From 2007 onwards, duck inventories in the beginning of the year amount to 10 to 10.5 million ducks.

Chicken inventory rose consistently from 134 million in 2006 to 176 million in 2015. Native chickens make up the largest share in the inventory, at 76 million chickens recorded. This however, declined sharply by 3 million in 2008. Native chicken also slid down by over one million each both in 2011 and 2012, and by almost 200 thousand in 2013. Broiler chickens and layers, meanwhile, steadily increased in the ten year span, growing however, by 85 percent and 46 percent, respectively.

Figure 2.9. Livestock Inventory By Species from 2006 to 2015, in million heads



Source: Philippine Statistics Authority

2.4 Water resources

The subcomponent for water resources is focused on the following categories stocks: the flows of water to, from and within the country's territory; and the abstraction, use and returns of water.

Out of the core statistics concerning the inflows and outflows of water the only data collected was evaporation. Although the volume of evapotranspiration is recommended as a core statistic in the FDES 2013, based on PAGASA's statement, only evaporation is available. Evapotranspiration takes into account the vaporization of water in plant tissues, aside from the evaporation of water. Other core statistics recommended by the FDES are the volume of precipitation, which is also present in Component 1 (Environmental Conditions and Quality), and inflows from neighboring territories.

The second topic of the subcomponent on water resources dwells on the flow of water starting from abstraction to its return to the environment. The core statistics recommended by the FDES under this topic are the total amount of water abstraction, the amount abstracted from surface water, and the amount abstracted from renewable and non-renewable groundwater.

Data on actual water abstraction is not available as well, but a summary of water permit grants as of December 2015 was provided by the National Water Resources Board (NWRB). The summary consists of the number of permits, volume and discharge of water allocation, which are disaggregated by purpose, by region and by type of source (i.e. surface water or groundwater).

2.4.1 Water resource flows

For the core indicator on evaporation, information was gathered from eight monitoring stations, which are: PCA Bag-o Oshiro, Davao; Isu-Echague, Isabela; Dumangas, Iloilo; TCA Camiling, Tarlac; Cabanatuan, Nueva Ecija; PNAC Aborlan, Palawan; PSPC Mambusao, Capiz; and Central Mindanao University (CMU)-Musuan, Bukidnon.

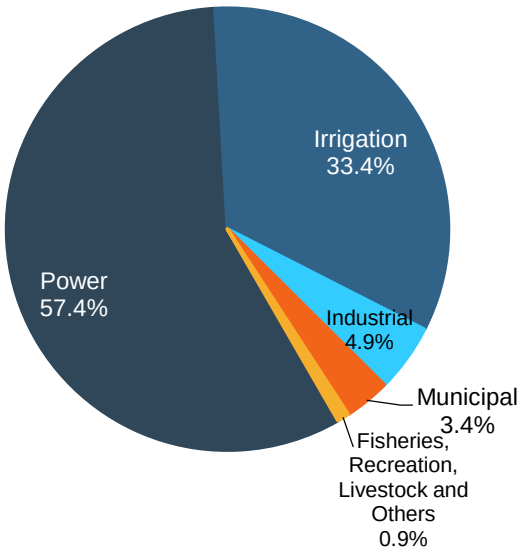
On average, of the highest recorded level of evaporation across the eight listed stations is the month of April. In 2009, six out of eight stations recorded the highest evaporation for the year on the month of March. In 2004, evaporation for majority of the eight stations was highest in May. On the other hand, the months with the lowest evaporation are January; November; and December. The monitoring stations with the most and second most average monthly evaporation recorded are: CMU-Musuan, Bukidnon and TCA-Camiling, Tarlac.

2.4.2 Abstraction of water

While there are more permits given to abstraction of groundwater, they correspond to only 1.9 percent of the total volume of allocated water. As shown in the Figure 2.10, overall, the largest share of total water allocation is allotted to power generation, which takes up 57.4 percent of the total groundwater and surface water allocation. Power generation took up the greatest share of surface water in 2015, with Cagayan Valley getting the biggest volume for this use with over 34,126 million cubic meters (mcm). Irrigation placed second with an allocation of 33.4 percent of the total water in the country. Central Luzon gets the most of the allocation for irrigation from surface water, acquiring 16,174 mcm of water.

The use of water for power generation and irrigation acquired the most allocation of surface water for other regions. The former amounts to a total of 94,119 mcm of surface water allocated, while the latter amounts to 31,718 mcm of surface water. Groundwater allocation, meanwhile, is mainly allotted for Municipal, Irrigation and Industrial purposes. There are 2,082 mcm of groundwater allocated for municipal purposes.

Figure 2.10. Percent Distribution of Total Water Allocated By Use in 2015



Source: National Water Resources Board (NWRB)

Statistical Tables

Environmental Resources and Their Use

Table 2.1.1
METALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES
2015

Region	Silver		Gold		Aluminum (Bauxite)		Chromite		Copper	
	Volume (grams)	Average Grade (g/t)	Volume (tons)	Average Grade (g/t)	Volume (tons)	Average Grade (%Al_2O_3)	Volume (tons)	Average Grade (%Cr_2O_3)	Volume (tons)	Average Grade (%Cu)
Philippines	**24,302,205**	**12.8**	**4,456,778,775**	**0.9**	**117,600,000**	**42.2**	**79,005,367**	**8.5**	**7,384,211,953**	**0.9**
CAR	7,900,000	25.3	338,721,328	0.8	-	-	3,003	0.1	1,059,103,845	0.4
I	-	-	-	-	-	-	-	-	-	-
II	-	-	38,840,000	1.4	-	-	-	-	38,840,000	0.4
III	-	-	-	-	-	-	42,753,525	-	79,449,000	0.4
IV-A	-	-	6,551,280	1.9	-	-	-	-	-	-
IV-B	-	-	-	-	-	-	4,350,860	37.6	178,000,000	0.4
V	14,021,193	7.8	124,047,334	2.1	-	-	2,339,890	21.7	14,615,890	1.5
VI	-	-	375,400,000	2.5	-	-	-	-	477,510,000	0.4
VII	-	-	-	-	-	-	150,000	48.0	395,924,000	0.3
VIII	-	-	-	-	117,600,000	42.2	13,451,783	11.1	34,525,000	0.7
IX	105,812	11.0	28,136,532	1.0	-	-	2,632,710	37.8	212,528	3.2
X	-	-	1,073,000	5.3	-	-	2,706,870	18.6	-	-
XI	-	-	892,782,300	1.5	-	-	842,300	43.5	528,362,689	0.4
XII	2,275,200	-	2,272,275,254	0.2	-	-	-	-	4,277,669,001	1.1
Caraga	-	-	378,951,747	1.5	-	-	9,774,425	11.6	300,000,000	3.9

- no available data
Based on the 2015 inventory and other data gathered up to June 2016
Data used are mixed resources and reserves. This inventory is NOT exclusively Reserve nor Resources.

Source: Mines and Geosciences Bureau

Table 2.1.1 ***(continued)***

Region	Iron		Iron (Associated with Nickel)		Manganese		Nickel		Zinc	
	Volume (tons)	Average Grade (%Fe)	Volume (tons) `	Average Grade (%Fe)	Volume (tons)	Average Grade (%Mn)	Volume (tons)	Average Grade (%Ni)	Volume (tons)	Average Grade (%Zn)
Philippines	**959,130,026**	**8.2**	**792,584,935**	**37.1**	**248,500**	**44.3**	**1,522,267,861**	**1.1**	**11,552,933**	**2.7**
CAR	-	-	-	-	-	-	-	-	-	-
I	-	-	-	-	-	-	-	-	-	-
II	-	-	1,881,100	26.7	-	-	1,881,100	1.5	-	-
III	1,057,450	64.1	158,080,511	23.1	-	-	223,416,708	1.3		
IV-A	-	-	-	-	-	-	-	-	-	-
IV-B	-	-	26,538,177	-	-	-	192,745,573	1.2	-	-
V	21,134,280	33.2	-	-	-	-	2,500,000	0.6	11,217,248	2.7
VI	-	-	-	-	-	-	-	-	-	-
VII	-	-	-	-	-	-	-	-	-	-
VIII	903,063,185	6.1	-	-	-	-	23,000,000	0.6	-	-
IX	-	-	-	-	248,500	44.3	-	-	335,685	2.9
X	-	-	-	-	-	-	-	-	-	-
XI	-	-	-	-	-	-	206,748,849	1.3	-	-
XII	-	-	-	-	-	-	327,000,000	0.9	-	-
Caraga	33,875,111	48.2	606,085,147	42.4	-	-	544,975,630	1.1	-	-

Table 2.1.2
NONMETALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES
2015
in metric tons

Region	Aggregates	Asbestos	Bentonite	Clay	Diatoma-ceous Earth	Feldspar	Guano	Gypsum
Philippines	**1,329,919,051**	**5,000**	**1,869,813**	**61,760,118**	**910,600**	**21,600,280**	**500**	**358,900**
CAR	20,590,367	-	-		-	-	-	-
I	-	-	727,489	7,387,565	-	21,100,280	-	-
II	-	-	-	-	-	-	-	-
III	14,231,908	-		-	-	-	-	
IV-A	1,170,289,250	-		966,300	-	-		347,900
IV-B	-	-		-	-	500,000	-	-
V	19,629,520	-	320,000	38,416,530	758,600	-	-	11,000
VI	1,282,120	-	-	8,369,300	-	-	500	-
VII	68,992,696	-	13,500	3,645,923	-	-	-	-
VIII	-	-	565,370	-	-	-	-	-
IX	-	5,000	-	1,000	-	-	-	-
X	4,660,800	-	209,574	138,300	152,000	-	-	-
XI	908,190	-	33,880	830,000	-	-	-	
XII	-	-	-	2,005,200	-	-	-	-
Caraga	29,334,200	-	-	-	-	-	-	-

- no available data
Based on the 2015 inventory and other data gathered up to June 2016
Data used are mixed resources and reserves. This inventory is NOT exclusively Reserve nor Resources.

Source: Mines and Geosciences Bureau

Table 2.1.2
NONMETALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES *(continued)*
2015
in metric tons

Region	ISAG	Limestone	Magnesite	Marbleized Limestone	Magnesite	Perlite	Pozzolan
Philippines	**3,737,331**	**30,744,597,358**	**79,072,940**	**1,061,495,540**	**1,120,000,000**	**8,040,238**	**185,500,908**
CAR	466,347	185,953,361	-	-	-	-	-
I	-	1,054,645,113	-	-	-	-	-
II		0	-	-	-	-	-
III	2,822,967	2,252,726,265	-	-	-	-	-
IV-A	-	3,826,162,359	-	8,551,250	-	-	-
IV-B	-	1,766,820,270	-	479,200,610	-	-	-
V		1,979,769,050	-	16,442,310	-	8,040,238	-
VI	-	1,666,884,190	-	-	-	-	185,500,908
VII	-	9,922,076,249	-	184,539,570	-	-	-
VIII	448,017	6,206,010,000	-	283,760,800	-	-	-
IX	-	-	-	-	-	-	-
X	-	1,484,308,094	-	-	-	-	-
XI	-	202,287,610	79,072,940	89,001,000	-	-	-
XII	-	10,002,433	-	-	1,120,000,000	-	-
Caraga	-	186,952,363	-	-	-	-	-

- no available data
Based on the 2015 inventory and other data gathered up to June 2016
Data used are mixed resources and reserves. This inventory is NOT exclusively Reserve nor Resources.

Source: Mines and Geosciences Bureau

Table 2.1.2
NONMETALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES *(concluded)*
2015
in metric tons

Region	Rock Phosphate	Shale	Silica	Sulfur	Talc	Zeolite
Philippines	**171,500**	**2,400,938,212**	**1,434,571,073**	**40,055,864**	**254,400**	**1,326,981**
CAR	-	27,300,000	4,432,760	-	-	-
I	-	291,259,616	11,055,572	-	-	1,326,981
II	-	-	-	-	-	-
III	-	104,156,230	6,435,000	-	-	-
IV-A	-	336,444,280	522,535,047	-	-	-
IV-B	-	643,885,000	160,243,070	80,000	254,400	-
V	-	-	8,229,031	22,998,500	-	-
VI	171,500	7,000,000	44,173,040	1,557,000	-	-
VII	-	643,885,000	590,573,397	10,372,300	-	-
VIII	-	-		-	-	-
IX	-	-	6,500,000	125,064	-	-
X	-	316,835,973	1,051,990	-	-	-
XI	-	10,172,114	5,840,520	-	-	-
XII	-	-		4,923,000	-	-
Caraga	-	20,000,000	73,501,646	-	-	-

- no available data
Based on the 2015 inventory and other data gathered up to June 2016
Data used are mixed resources and reserves. This inventory is NOT exclusively Reserve nor Resources.

Source: Mines and Geosciences Bureau

Table 2.2
MINERAL PRODUCTION
2006 to 2015

Mineral/Mineral Product	Unit	2006	2007	2008	2009	2010
Metallics (in thousands)						
Precious Metals						
Gold	Kg	36.1	38.8	35.7	37.0	40.8
Silver	Kg	23.5	27.8	14.2	33.8	41.0
Base Metals (in thousands)						
Copper Concentrate	DMT	71.8	88.1	92.8 s		236.8
Copper Metal Equivalent	MT	17.2	22.9	21.2	49.1	58.4
Nickel (Direct Shipping Ore)	DMT	3,576.7	7,380.3	5,459.1	8,283.1	13,763.7
Nickel Metal Equivalent	MT	50.6	81.3	70.1	122.7	165.0
Mixed Nickel-Cobalt Sulfide	DMT	14.4	17.9	18.5	30.3	33.5
Nickel Sulfide Metal Equivalent	MT	8.2	10.1	10.6	17.0	19.3
Chromite	DMT	25.2	16.6	13.6	14.3	14.8
Iron Ore	DMT	-	-	-	-	-
Zinc	DMT	-	15.9	3.6	21.7	19.8
Non-Metallics						
Clays						
Ball Clay	MT	2,669.3	2,682.6	3,209.6	3,209.6	3,387.6
Bentonite Clay	MT	999.8	1,148.3	1,421.6	1,412.6	1,474.5
Kaolin Clay	MT	2,232.3	2,199.5	2,391.3	2,388.6	2,490.2
Red Clay	MT	5,420.0	6,742.2	7,180.5	7,356.7	7,050.0
White Clay	MT	7,137.6	7,224.1	8,744.8	8,519.0	8,857.3
Total Clays		18,459.0	19,996.7	22,947.9	22,886.5	23,259.5
Construction Materials						
Aggregates	CU.M.	2,202,289.0	2,300,176.5	2,537,766.7	2,558,759.9	2,733,535.0
Andesite	CU.M.	219,766.0	201,754.4	218,134.8	217,517.6	237,426.4
Banlic Silt	CU.M.	13,790.6	12,215.7	13,635.2	13,712.2	13,957.3
Basalt	CU.M.	590,399.2	579,619.2	613,757.1	635,082.9	667,108.4
Base Coarse	CU.M.	258,128.6	259,191.0	284,894.9	308,692.3	314,356.9
Black Sand	CU.M.	1,658.0	1,712.6	1,716.2	1,656.5	1,774.2
Blasted Rock	CU.M.	425,890.1	402,588.6	414,699.4	386,923.1	394,107.2
Cascajo	CU.M.	158,277.7	150,189.3	157,491.1	157,089.8	165,557.8
Crushed Rock	CU.M.	17,644.2	17,955.6	19,790.8	19,775.2	21,243.2
Diatomaceous Earth	CU.M.	1,872.0	1,825.1	2,107.7	2,109.7	2,238.1
Earthfill	CU.M.	99,263.1	96,814.9	120,575.5	127,625.9	132,640.8
Escombro	CU.M.	10,699.6	14,168.9	14,935.5	13,348.4	14,210.6
Filling Materials	CU.M.	191,744.5	161,752.9	178,022.1	176,468.0	180,369.9
Flatstone	CU.M.	268.6	259.7	284.7	270.9	295.2
Limestone for Const. Matls	CU.M.	106,846.9	103,370.5	123,183.1	125,305.7	130,978.8
Marble (Processed)	CU.M.	75,575.3	84,933.5	87,011.4	85,640.6	91,608.8
Marble (Processed)	CU.M.	48,374.0	50,840.8	52,929.9	53,188.9	58,091.6
Marble (Unprocessed)	CU.M.	3,474.0	4,790.8	5,410.2	5,629.2	6,001.3
Marbleized Limestone	CU.M.	13,814.1	16,538.8	18,208.7	18,033.0	20,165.7
Ordinary Earth	CU.M.	23,874.7	24,003.8	28,838.0	28,227.3	28,130.2
Pebbles	CU.M.	2,257.0	2,364.7	2,661.6	2,910.7	3,354.4
Quarry Materials	CU.M.	42,394.7	36,339.0	42,383.7	43,891.4	46,611.9
Rivermix	CU.M.	42,563.6	44,815.0	50,814.7	47,743.7	52,136.8
Sand & Gravel	CU.M.	38,455,350.2	40,075,662.4	46,659,105.1	46,602,078.9	49,009,484.8
Selected Borrow	CU.M.	234.4	221.4	248.2	239.3	256.1
Soil	CU.M.	1,536.0	1,473.2	1,735.6	1,600.7	1,742.3
Stones, Cobbles & Boulders	CU.M.	87,342.9	86,649.8	102,071.2	101,084.7	105,929.2
Lime						
Quicklime	MT	2,002.9	2,394.1	2,634.2	2,645.6	2,792.0
Slaked or Hydrated	MT	1,309.6	1,427.7	1,664.5	1,681.7	1,732.5
Total Lime		3,312.4	3,821.8	4,298.7	4,327.3	4,524.5

Table 2.2 *(continued)*

Mineral/Mineral Product	Unit	2011	2012	2013	2014	2015
Metallics (in thousands)						
Precious Metals						
Gold	Kg	31.1	14.6	17.2	18.4	21.3
Silver	Kg	45.8	49.2	40.0	23.0	30.0
Base Metals (in thousands)						
Copper Concentrate	DMT	254.0	268.0	376.1	349.3	337.2
Copper Metal Equivalent	MT	63.8	65.4	90.9	91.8	83.8
Nickel (Direct Shipping Ore)	DMT	20,683.1	25,270.8	25,488.9	33,601.4	32,459.1
Nickel Metal Equivalent	MT	296.6	296.2	288.7	400.0	416.0
Mixed Nickel-Cobalt Sulfide	DMT	38.8	41.4	45.6	87.3	89.5
Nickel Sulfide Metal Equivalent	MT	22.8	23.9	26.0	50.6	51.8
Chromite	DMT	25.5	38.4	26.2	47.1	15.5
Iron Ore	DMT	292.6	1,148.2	793.1	153.8	107.1
Zinc	DMT	37.4	40.2	37.3	-	-
Non-Metallics						
Clays						
Ball Clay	MT	4,613.8	5,707.0	6,991.7	8,604.9	8,948.3
Bentonite Clay	MT	2,087.4	2,698.6	3,328.9	3,368.6	3,477.4
Kaolin Clay	MT	3,529.4	4,631.3	6,568.0	7,050.0	8,178.7
Red Clay	MT	8,243.3	9,405.5	9,551.5	10,511.6	11,680.1
White Clay	MT	12,246.4	13,622.9	17,532.0	18,768.5	20,982.7
Total Clays		30,720.2	36,065.2	43,972.1	48,303.5	53,267.1
Construction Materials						
Aggregates	CU.M.	3,572,062.3	4,661,519.3	5,769,780.3	6,300,573.1	6,943,705.4
Andesite	CU.M.	364,137.2	416,131.4	603,989.1	646,192.4	691,762.3
Banlic Silt	CU.M.	17,171.1	18,066.5	21,249.3	22,637.6	24,550.7
Basalt	CU.M.	932,025.0	2,035,252.6	2,808,739.8	2,849,916.2	3,066,660.9
Base Coarse	CU.M.	388,358.1	482,944.5	771,724.3	857,765.8	951,932.4
Black Sand	CU.M.	2,142.7	2,262.2	2,309.0	2,412.0	2,662.8
Blasted Rock	CU.M.	513,446.6	626,157.2	835,452.6	893,468.9	975,482.4
Cascajo	CU.M.	195,908.9	202,189.7	226,481.2	237,806.0	341,408.0
Crushed Rock	CU.M.	24,329.7	28,094.3	33,422.3	37,176.2	43,102.1
Diatomaceous Earth	CU.M.	2,985.9	3,110.6	4,370.4	4,717.7	5,055.0
Earthfill	CU.M.	153,335.9	176,910.6	287,109.0	289,676.7	316,719.4
Escombro	CU.M.	17,000.5	21,006.6	37,975.2	40,449.6	44,220.1
Filling Materials	CU.M.	214,281.8	261,019.9	434,623.1	474,943.9	520,716.0
Flatstone	CU.M.	347.7	568.5	652.5	677.0	704.5
Limestone for Const. Matls	CU.M.	143,821.2	158,766.6	214,302.0	221,250.4	233,033.7
Marble (Processed)	CU.M.	142,072.4	184,364.6	206,039.8	229,649.6	248,791.4
Marble (Processed)	CU.M.	67,281.9	94,040.2	120,662.7	165,637.9	177,320.8
Marble (Unprocessed)	CU.M.	8,042.6	11,310.9	20,153.5	23,661.2	26,365.2
Marbleized Limestone	CU.M.	24,433.5	31,548.2	45,619.4	48,839.3	52,890.7
Ordinary Earth	CU.M.	34,515.3	42,819.9	50,556.2	56,303.7	59,872.7
Pebbles	CU.M.	4,315.4	4,453.7	5,984.2	6,274.0	6,659.3
Quarry Materials	CU.M.	53,524.8	55,976.6	67,658.5	68,170.9	72,862.2
Rivermix	CU.M.	75,635.3	89,546.7	91,235.0	97,873.6	103,212.0
Sand & Gravel	CU.M.	58,814,583.8	66,663,642.8	90,300,226.3	100,908,128.8	106,424,888.2
Selected Borrow	CU.M.	316.6	326.3	346.4	365.3	491.7
Soil	CU.M.	1,981.5	2,105.9	2,484.9	2,728.8	3,252.0
Stones, Cobbles & Boulders	CU.M.	144,542.6	182,154.1	228,653.5	242,993.9	267,522.2
Lime						
Quicklime	MT	3,847.9	4,380.7	4,418.2	5,537.7	5,683.1
Slaked or Hydrated	MT	2,086.6	2,250.2	2,272.0	2,339.1	2,470.4
Total Lime		5,934.5	6,630.9	6,690.3	7,876.8	8,153.5

Conitnued

Table 2.2
MINERAL PRODUCTION *(continued)*
2006 to 2015
(In thousands)

Mineral/Mineral Product	Unit	2006	2007	2008	2009	2010
Limestone for:						
Agricultural Use	MT	2,804.4	2,823.9	3,188.1	3,390.3	3,691.1
Industrial Use	MT	1,357,145.6	1,212,266.2	1,440,105.6	1,407,515.2	1,412,186.1
Total Limestone		1,359,950.0	1,215,090.1	1,443,293.7	1,410,905.5	1,415,877.2
Fertilizer Materials						
Guano	MT	212.9	209.1	254.4	251.2	271.8
Rock Phosphate	MT	1,962.9	1,960.9	2,270.7	2,257.5	2,308.2
Total Fertilizer Materials		2,175.8	2,170.0	2,525.0	2,508.7	2,580.0
Miscellaneous						
Black Cinder	CU.M	6,378.2	6,176.6	6,518.9	6,686.5	7,325.5
Diorite	MT	3,233.8	3,252.3	3,966.0	4,034.3	4,231.7
Dolomite	MT	1,083,269.0	1,092,748.0	1,150,035.3	1,176,991.3	1,259,151.8
Feldspar	MT	15,176.4	14,837.1	15,838.0	16,393.6	15,881.9
Graywacke	MT	0.0	0.0	0.0	0.0	0.0
Gypsum	MT	0.0	0.0	0.0	0.0	0.0
Limesoil	MT	0.0	0.0	0.0	0.0	0.0
Limestone	MT	10,121.2	10,198.6	12,017.1	11,829.3	12,362.4
Magnesite	MT	3,629.7	3,600.2	3,975.5	3,872.4	4,185.7
Phylite Schist	MT	216.9	206.9	215.4	204.4	216.1
Perlite	MT	4,352.0	4,515.2	4,592.7	4,605.6	4,755.7
Pumice	a	1,917.1	1,912.4	2,062.8	2,064.3	2,274.1
Red Cinder	MT	10,792.8	10,113.8	11,527.7	11,335.5	11,496.1
Sandstone / Graywacke	MT	16,088.5	15,099.4	18,416.1	22,323.1	23,165.8
Silica Sand	MT	145,016.0	140,742.8	172,259.4	185,061.7	199,152.2
Siliceous Clay	MT	24,502.2	23,603.7	25,167.6	25,029.2	26,805.8
Stone Slabs		0.0	0.0	0.0	0.0	0.0
Talc	MT	0.0	0.0	0.0	0.0	0.0
Tuff	MT	17,589.8	16,490.2	17,569.9	18,830.0	19,165.7
Zeolite Clay	MT	130.5	172.5	190.5	214.8	243.6
Cement Raw Materials						
Limestone for Cement Mftr.	MT	20,518,235.2	25,193,224.6	30,072,276.0	31,667,598.1	34,112,217.7
Shale Clay	MT	1,366,359.1	1,380,815.8	1,704,599.2	1,807,546.6	1,924,968.0
Silica Sand	MT	179,193.2	221,447.6	269,514.9	283,608.8	295,786.5
Toral Cement Raw Matls		22,063,787.5	26,795,487.9	32,046,390.1	33,758,753.5	36,332,972.1
Cement	bags	300,822,821.0	332,549,003.8	378,214,633.8	371,628,730.0	398,075,871.2

- no production
Details may not add to totals due to rounding

Source: Mines and Geosciences Bureau

Table 2.2 *(concluded)*

Mineral/Mineral Product	Unit	2011	2012	2013	2014	2015
Limestone for:						
Agricultural Use	MT	4,147.1	5,106.5	8,106.1	9,049.6	9,892.2
Industrial Use	MT	1,642,785.0	1,940,348.9	2,218,928.6	2,367,572.2	2,522,978.6
Total Limestone		1,646,932.1	1,945,455.4	2,227,034.7	2,376,621.8	2,532,870.8
Fertilizer Materials						
Guano	MT	309.7	331.1	409.5	443.2	495.1
Rock Phosphate	MT	2,777.7	2,952.3	3,478.4	3,896.8	5,436.7
Total Fertilizer Materials		3,087.4	3,283.4	3,887.9	4,340.0	5,931.8
Miscellaneous						
Black Cinder	CU.M	9,219.2	9,407.9	11,291.9	11,619.6	13,111.8
Diorite	MT	4,694.5	5,739.6	7,366.6	8,095.7	8,476.2
Dolomite	MT	1,431,117.9	1,627,027.5	2,611,853.4	2,948,034.4	3,073,694.7
Feldspar	MT	22,050.0	24,969.4	30,388.2	34,231.8	38,067.0
Graywacke	MT			0.0		
Gypsum	MT			0.0		
Limesoil	MT			0.0		
Limestone	MT	16,753.9	23,426.6	26,912.6	29,176.3	30,857.0
Magnesite	MT	4,784.2	4,821.7	5,997.9	6,772.6	7,158.4
Phylite Schist	MT	257.0	300.6	333.0	347.1	376.2
Perlite	MT	6,272.3	9,221.4	14,248.6	17,193.8	18,575.4
Pumice	a	2,797.0	2,894.7	5,565.5	6,018.3	6,261.5
Red Cinder	MT	13,395.0	13,476.2	15,688.9	16,107.8	25,637.7
Sandstone / Graywacke	MT	27,480.6	28,327.6	38,539.5	39,064.4	43,271.6
Silica Sand	MT	230,145.4	259,977.9	428,584.4	467,325.9	525,416.4
Siliceous Clay	MT	33,522.8	34,399.7	57,593.8	60,083.3	64,447.5
Stone Slabs				0.0		
Talc	MT			0.0		
Tuff	MT	22,105.9	22,294.6	26,930.0	28,884.4	40,775.3
Zeolite Clay	MT	434.8	477.9	550.5	562.1	507.0
Cement Raw Materials						
Limestone for Cement Mftr.	MT	40,862,565.2	51,739,007.3	71,104,732.7	75,258,834.9	81,182,897.5
Shale Clay	MT	2,462,238.5	2,981,216.8	4,173,249.6	4,688,372.5	5,164,606.6
Silica Sand	MT	351,582.2	361,287.1	545,118.1	587,844.1	656,510.4
Toral Cement Raw Matls		43,676,385.9	55,081,511.3	75,823,100.4	80,535,051.5	87,004,014.6
Cement	bags	476,813,174.9	571,376,731.4	750,110,305.4	867,722,238.2	946,075,888.5

Table 2.3.1
ENERGY BALANCE TABLE
2006
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natural gas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	1,216.4	2,529.4	559.2	2,474.3	8,998.5	0.1
Imports (+)	3,801.9	-	10,496.2	-	-	-
Exports (-)	-	-	(534.9)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	20.5	-	(80.8)	-	-	-
Total Primary Energy Supply	**5,038.8**	**2,529.4**	**10,439.8**	**2,474.3**	**8,998.5**	**0.1**
Refinery (Crude Run)	-	-	(10,054.2)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(93.3)	(329.1)	-	-	-
Net Domestic Supply	**1,324.4**	**52.1**	**56.5**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**1,324.4**	**52.1**	**-**	**-**	**-**	**-**
Industry	1,175.1	52.1	-	-	-	-
Transport	-	-	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	149.3	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.2
ENERGY BALANCE TABLE
2007
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natural gas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	1,795.1	3,032.6	625.4	2,131.8	8,783.1	0.1
Imports (+)	4,079.2	-	9,970.4	-	-	-
Exports (-)	(421.6)	-	(600.6)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	(61.3)	-	314.7	-	-	-
Total Primary Energy Supply	**5,391.4**	**3,032.6**	**10,309.9**	**2,131.8**	**8,783.1**	**0.1**
Refinery (Crude Run)	-	-	(9,693.9)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(24.9)	(396.6)	-	-	-
Net Domestic Supply	**1,513.7**	**76.7**	**219.3**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**1,513.7**	**76.7**	**-**	**-**	**-**	**-**
Industry	1,330.9	76.7	-	-	-	-
Transport	-	-	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	182.8	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.1 ***(concluded)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
4.6	5,967.6	0.5	-	-	-	21,750.7
-	-	-	1.5	5,154.1	-	19,453.8
-	-	-	-	(1,840.9)	-	(2,375.7)
-	-	-	-	(125.8)	-	(125.8)
-	-	-	-	(808.1)	-	(808.1)
-	-	-	(0.1)	(17.1)	-	(77.5)
4.6	**5,967.6**	**0.5**	**1.4**	**2,362.2**	**-**	**37,817.3**
-	-	-	-	9,886.7	-	(167.5)
-	-	-	-	-	-	-
-	-	-	-	-	(592.0)	(592.0)
-	-	-	-	-	(363.5)	(785.9)
-	**5,967.6**	**0.5**	**1.4**	**11,279.5**	**3,927.1**	**22,609.2**
						246.8
						1.1
-	**5,967.6**	**0.5**	**1.4**	**11,089.3**	**3,927.1**	**22,362.4**
-	893.2	-	-	1,549.6	1,366.1	5,036.1
-	-	0.5	1.4	7,505.0	8.3	7,515.3
-	4,773.8	-	-	960.1	1,361.2	7,095.0
-	300.6	-	-	536.4	1,090.2	1,927.2
-	-	-	-	463.5	101.3	564.8
-	-	-	-	74.6	-	224.0
						57.5

Table 2.3.2 ***(concluded)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
5.0	6,140.8	40.2	-	-	-	22,554.1
-	-	-	1.9	5,687.3	-	19,738.8
-	-	-	-	(1,801.3)	-	(2,823.5)
-	-	-	-	(229.0)	-	(229.0)
-	-	-	-	(981.0)	-	(981.0)
-	-	(8.7)	17.9	(41.7)	-	220.9
5.0	**6,140.8**	**31.5**	**19.8**	**2,634.3**	**-**	**38,480.2**
-	-	-	-	9,583.5	-	(110.5)
-	-	-	-	-	-	-
-	-	-	-	-	(654.2)	(654.2)
-	-	-	-	-	(343.4)	(765.0)
-	**6,140.8**	**30.5**	**19.8**	**11,256.2**	**4,128.0**	**23,385.1**
						232.7
						1.0
-	**6,140.8**	**30.5**	**19.8**	**11,242.8**	**4,128.0**	**23,152.4**
-	925.2	4.6	-	1,503.6	1,420.6	5,261.6
-	-	23.8	19.8	7,817.3	9.2	7,870.2
-	4,912.5	-	-	930.4	1,408.0	7,251.0
-	303.1	1.2	-	526.6	1,158.2	1,989.2
-	-	0.9	-	368.7	131.9	501.5
-	-	-	-	96.1	-	278.9
						58.6

Table 2.3.3
ENERGY BALANCE TABLE
2008
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natgas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	1,905.0	3,192.4	715.0	2,450.2	9,219.9	0.1
Imports (+)	4,791.3	-	9,282.6	-	-	-
Exports (-)	(471.6)	-	(653.0)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	131.5	-	(347.2)	-	-	-
Total Primary Energy Supply	**6,356.2**	**3,192.4**	**8,997.4**	**2,450.2**	**9,219.9**	**0.1**
Refinery (Crude Run)	-	-	(8,718.2)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(42.8)	(310.1)	-	-	-
Net Domestic Supply	**1,897.8**	**70.1**	**(30.9)**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**1,897.8**	**70.1**	**-**	**-**	**-**	**-**
Industry	1,745.7	69.8	-	-	-	-
Transport	-	0.4	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	152.1	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.4
ENERGY BALANCE TABLE
2009
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natgas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	2,473.9	3,214.7	962.2	2,436.5	8,876.9	0.1
Imports (+)	3,708.7	-	6,728.2	-	-	-
Exports (-)	(1,052.4)	-	(689.0)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	936.3	-	421.0	-	-	-
Total Primary Energy Supply	**6,066.5**	**3,214.7**	**7,422.4**	**2,436.5**	**8,876.9**	**0.1**
Refinery (Crude Run)	-	-	(6,940.5)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(47.9)	(277.9)	-	-	-
Net Domestic Supply	**1,624.3**	**70.1**	**204.0**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**1,624.3**	**70.1**	**-**	**-**	**-**	**-**
Industry	1,469.3	69.7	-	-	-	-
Transport	-	0.4	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	155.0	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.3 ***(concluded)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
5.3	6,315.5	53.8	0.5	-	-	23,857.8
-	-	-	7.0	6,101.8	-	20,182.8
-	-	-	-	(1,679.8)	-	(2,804.4)
-	-	-	-	(226.9)	-	(226.9)
-	-	-	-	(953.2)	-	(953.2)
-	-	(1.2)	31.6	586.5	-	401.1
5.3	**6,315.5**	**52.5**	**39.2**	**3,828.4**	**-**	**40,457.1**
-	-	-	-	8,528.9	-	(189.3)
-	-	-	-	-	-	-
-	-	-	-	-	(660.4)	(660.4)
-	-	-	-	-	(338.3)	(691.1)
-	**6,315.5**	**50.5**	**39.2**	**11,347.8**	**4,231.0**	**23,921.0**
						619.4
						2.6
-	**6,315.5**	**50.5**	**39.2**	**10,697.7**	**4,230.9**	**23,301.7**
-	958.3	5.2	-	1,534.5	1,464.4	5,777.8
-	-	40.5	39.2	7,202.1	9.5	7,291.7
-	5,051.3	-	-	894.3	1,431.1	7,376.7
-	305.9	2.9	-	519.3	1,215.5	2,043.5
-	-	1.9	-	458.4	110.3	570.6
-	-	-	-	89.1	-	241.2
						59.0

Table 2.3.4 ***(concluded)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
5.5	6,495.6	111.8	13.0	-	-	24,590.3
-	-	-	35.9	7,267.6	-	17,740.4
-	-	-	-	(696.3)	-	(2,437.7)
-	-	-	-	(197.5)	-	(197.5)
-	-	-	-	(976.2)	-	(976.2)
-	-	1.2	(3.8)	(170.4)	-	1,184.2
5.5	**6,495.6**	**113.0**	**45.0**	**5,227.2**	**-**	**39,903.6**
-	-	-	-	6,722.1	-	(218.4)
-	-	-	-	-	-	-
-	-	-	-	-	(648.5)	(648.5)
-	-	-	-	-	(303.0)	(628.9)
-	**6,491.6**	**107.8**	**45.0**	**10,771.4**	**4,373.8**	**23,688.1**
						(237.7)
						(1.0)
-	**6,491.6**	**107.8**	**45.0**	**11,213.1**	**4,373.8**	**23,925.8**
-	992.7	9.4	-	1,359.4	1,469.0	5,369.4
-	-	85.8	45.0	7,602.0	9.5	7,742.8
-	5,190.1	-	-	937.6	1,505.1	7,632.7
-	308.8	8.9	-	826.4	1,268.8	2,413.0
-	-	3.8	-	376.1	121.5	501.4
-	-	-	-	111.6	-	266.6
						61.6

Table 2.3.5
ENERGY BALANCE TABLE
2010
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natgas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	3,510.1	3,027.9	915.6	1,942.6	8,537.5	0.1
Imports (+)	5,787.8	-	8,950.9	-	-	-
Exports (-)	(2,163.4)	-	(862.1)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	(99.7)	-	(118.8)	-	-	-
Total Primary Energy Supply	**7,034.7**	**3,027.9**	**8,885.5**	**1,942.6**	**8,537.5**	**0.1**
Refinery (Crude Run)	-	-	(8,549.8)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(60.0)	(308.4)	-	-	-
Net Domestic Supply	**1,945.1**	**69.7**	**27.4**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**1,941.1**	**69.7**	**-**	**-**	**-**	**-**
Industry	1,841.2	69.3	-	-	-	-
Transport	-	0.4	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	99.9	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.6
ENERGY BALANCE TABLE
2011
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natgas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	3,647.9	3,269.2	842.1	2,414.1	8,548.9	0.1
Imports (+)	5,786.0	-	9,334.9	-	-	-
Exports (-)	(1,444.3)	-	(858.3)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	(262.9)	-	(115.2)	-	-	-
Total Primary Energy Supply	**7,726.7**	**3,269.2**	**9,203.4**	**2,414.1**	**8,548.9**	**0.1**
Refinery (Crude Run)	-	-	(9,055.2)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(88.7)	(257.1)	-	-	-
Net Domestic Supply	**1,941.4**	**77.7**	**(108.9)**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**1,941.0**	**77.7**	**-**	**-**	**-**	**-**
Industry	1,838.4	76.6	-	-	-	-
Transport	-	1.1	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	102.5	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.5 ***(concluded)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
5.3	6,679.0	101.2	5.5	-	-	24,724.8
-	-	-	78.5	6,874.0	-	21,691.2
-	-	-	-	(914.9)	-	(3,940.3)
-	-	-	-	(182.9)	-	(182.9)
-	-	-	-	(988.9)	-	(988.9)
-	-	15.5	13.6	(63.9)	-	(253.4)
5.3	**6,679.0**	**116.7**	**97.6**	**4,723.4**	**-**	**41,050.4**
-	-	-	-	8,281.5	-	(268.3)
-	-	-	-	-	-	-
-	-	-	-	-	(670.7)	(670.7)
-	-	-	-	-	(402.1)	(770.5)
-	**6,669.8**	**110.2**	**97.6**	**11,524.9**	**4,752.0**	**25,196.7**
						104.5
						0.4
-	**6,669.8**	**110.2**	**97.6**	**11,451.9**	**4,752.0**	**25,092.2**
-	1,028.4	9.9	-	1,402.4	1,597.3	5,948.4
-	-	85.5	97.6	7,842.7	9.4	8,035.5
-	5,328.8	-	-	930.3	1,619.3	7,878.4
-	312.6	10.8	-	941.3	1,398.2	2,662.8
-	-	4.0	-	215.3	127.9	347.1
-	-	-	-	120.0	-	219.9
						60.2

Table 2.3.6 ***(concluded)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
7.6	6,873.5	102.1	1.6	-	-	25,707.0
-	-	-	122.3	5,792.7	-	21,035.9
-	-	-	-	(1,091.8)	-	(3,394.4)
-	-	-	-	(212.2)	-	(212.2)
-	-	-	-	(1,070.7)	-	(1,070.7)
-	-	13.5	(16.4)	166.0	-	(215.0)
7.6	**6,873.5**	**115.5**	**107.5**	**3,584.0**	**-**	**41,850.6**
-	-	-	-	8,766.8	-	(288.4)
-	-	-	-	-	-	-
-	-	-	-	-	(660.3)	(660.3)
-	-	-	-	-	(464.2)	(810.0)
-	**6,832.8**	**114.1**	**107.5**	**11,555.6**	**4,823.5**	**25,343.7**
						161.5
						0.6
-	**6,832.8**	**114.1**	**108.1**	**11,285.0**	**4,823.5**	**25,182.2**
-	1,047.3	6.2	-	1,316.7	1,662.4	5,947.7
-	-	93.9	108.1	7,770.1	9.6	7,982.8
-	5,467.6	-	-	916.2	1,607.4	7,991.2
-	317.9	12.7	-	979.0	1,429.4	2,738.9
-	-	1.4	-	185.8	114.8	301.9
-	-	-	-	117.2	-	219.7
						61.4

Table 2.3.7
ENERGY BALANCE TABLE
2012
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natgas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	3,874.0	3,134.0	699.7	2,552.2	8,813.4	0.1
Imports (+)	6,278.4	-	8,542.8	-	-	-
Exports (-)	(1,674.6)	-	(667.9)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	(396.5)	-	108.2	-	-	-
Total Primary Energy Supply	**8,081.3**	**3,134.0**	**8,682.7**	**2,552.2**	**8,813.4**	**0.1**
Refinery (Crude Run)	-	-	(8,103.3)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(103.0)	(282.0)	-	-	-
Net Domestic Supply	**1,780.8**	**58.8**	**297.4**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**1,784.0**	**58.8**	**-**	**-**	**-**	**-**
Industry	1,670.8	57.6	-	-	-	-
Transport	-	1.2	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	113.2	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.8
ENERGY BALANCE TABLE
2013
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natgas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	3,747.4	2,886.7	679.5	2,494.2	8,258.5	0.1
Imports (+)	7,608.0	-	7,551.4	-	-	-
Exports (-)	(1,795.2)	-	(612.9)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	445.8	-	(50.7)	-	-	-
Total Primary Energy Supply	**10,006.1**	**2,886.7**	**7,567.3**	**2,494.2**	**8,258.5**	**0.1**
Refinery (Crude Run)	-	-	(7,532.7)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(109.3)	(223.7)	-	-	-
Net Domestic Supply	**2,199.6**	**62.9**	**(189.2)**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**2,196.2**	**62.9**	**-**	**-**	**-**	**-**
Industry	2,082.4	62.1	-	-	-	-
Transport	-	0.8	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	113.7	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.7*(concluded)*

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
6.5	7,034.6	112.6	19.6	-	-	26,246.7
-	-	-	139.7	6,885.4	-	21,846.3
-	-	-	-	(626.2)	-	(2,968.7)
-	-	-	-	(181.0)	-	(181.0)
-	-	-	-	(1,081.9)	-	(1,081.9)
-	-	8.6	12.6	(73.6)	-	(340.8)
6.5	**7,034.6**	**121.2**	**171.9**	**4,922.7**	**-**	**43,520.7**
-	-	-	-	7,837.4	-	(265.9)
-	-	-	-	-	-	-
-	-	-	-	-	(718.9)	(718.9)
-	-	-	-	-	(460.1)	(845.2)
-	**6,966.8**	**117.4**	**171.9**	**11,789.5**	**5,091.2**	**26,273.9**
						499.8
						1.9
-	**6,966.8**	**117.1**	**171.9**	**11,584.2**	**5,091.2**	**25,774.1**
-	1,066.6	11.9	-	1,273.2	1,725.8	5,806.0
-	-	89.4	171.9	8,091.6	10.0	8,364.2
-	5,576.9	-	-	901.0	1,693.5	8,171.3
-	323.3	12.5	-	965.1	1,528.6	2,829.6
-	-	3.3	-	181.4	133.3	318.1
-	-	-	-	171.7	-	284.9
						60.3

Table 2.3.8 *(concluded)*

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
5.6	7,236.7	124.9	35.3	-	-	25,469.0
-	-	-	178.2	7,851.2	-	23,188.8
-	-	-	-	(626.1)	-	(3,034.2)
-	-	-	-	(162.8)	-	(162.8)
-	-	-	-	(1,097.4)	-	(1,097.4)
-	-	3.8	(125.8)	222.2	-	495.3
5.6	**7,236.7**	**128.7**	**87.7**	**6,187.1**	**-**	**44,858.7**
-	-	-	-	7,285.3	-	(247.4)
-	-	-	-	-	-	-
-	-	-	-	-	(665.6)	(665.6)
-	-	-	-	-	(512.4)	(845.5)
-	**7,159.8**	**123.9**	**87.7**	**12,396.9**	**5,293.7**	**27,135.3**
						(164.2)
						(0.6)
-	**7,159.8**	**123.7**	**221.8**	**12,241.5**	**5,293.7**	**27,299.5**
-	1,098.9	12.9	-	1,278.2	1,777.9	6,312.4
-	-	91.8	221.8	8,459.9	9.7	8,784.0
-	5,733.4	-	-	879.8	1,772.5	8,385.7
-	327.5	15.3	-	1,120.9	1,573.8	3,037.6
-	-	3.6	-	188.7	159.9	352.2
-	-	-	-	314.0	-	427.7
						56.8

Table 2.3.9
ENERGY BALANCE TABLE
2014
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natgas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	4,011.9	3,035.9	849.4	2,274.6	8,863.4	1.4
Imports (+)	8,013.1	-	8,717.5	-	-	-
Exports (-)	(3,043.8)	-	(816.4)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	1,660.9	-	(539.3)	-	-	-
Total Primary Energy Supply	**10,642.2**	**3,035.9**	**8,211.2**	**2,274.6**	**8,863.4**	**1.4**
Refinery (Crude Run)	-	-	(7,970.0)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(110.4)	(278.4)	-	-	-
Net Domestic Supply	**2,415.1**	**77.0**	**(37.3)**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**2,415.1**	**77.0**	**-**	**-**	**-**	**-**
Industry	2,260.9	76.9	-	-	-	-
Transport	-	0.1	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	154.2	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.10
ENERGY BALANCE TABLE
2015
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources					
	Nonrenewable energy sources			Renewable energy sources		
	Coal	Natgas	Crude oil and condensate	Hydro	Geo-thermal	Solar
Indigenous	3,893.9	2,854.0	715.0	2,157.1	9,495.9	11.9
Imports (+)	9,119.8	-	10,471.3	-	-	-
Exports (-)	(1,639.1)	-	(719.2)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-
Stock Change (+/-)	240.4	-	(35.8)	-	-	-
Total Primary Energy Supply	**11,615.0**	**2,854.0**	**10,431.2**	**2,157.1**	**9,495.9**	**11.9**
Refinery (Crude Run)	-	-	(10,180.9)	-	-	-
Power Generation	-	-	-	-	-	-
Transmission/Dist. Loss (-)	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(136.9)	(232.0)	-	-	-
Net Domestic Supply	**2,350.1**	**20.4**	**18.2**	**-**	**-**	**-**
Statistical Difference						
% Statistical Difference						
Total Final Energy Consumption	**2,350.1**	**49.8**	**-**	**-**	**-**	**-**
Industry	2,217.9	49.8	-	-	-	-
Transport	-	-	-	-	-	-
Residential	-	-	-	-	-	-
Commercial	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-
Others, Non-Energy Use	132.1	-	-	-	-	-
Self-Sufficiency (%)						

Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
Source: Department of Energy

Table 2.3.9 *(concluded)*

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
13.1	7,356.3	133.9	66.5	-	-	26,606.4
-	-	-	196.7	8,837.1	-	25,764.4
-	-	-	-	(670.6)	-	(4,530.8)
-	-	-	-	(89.4)	-	(89.4)
-	-	-	-	(1,040.1)	-	(1,040.1)
-	-	3.2	(17.4)	(180.3)	-	927.0
13.1	**7,356.3**	**137.1**	**245.7**	**6,856.7**	**-**	**47,637.5**
-	-	-	-	7,720.5	-	(249.5)
-	-	-	-	-	-	-
-	-	-	-	-	(625.1)	(625.1)
-	-	-	-	-	(571.4)	(960.3)
-	**7,286.3**	**130.3**	**245.7**	**13,199.2**	**5,446.7**	**28,762.9**
						257.3
						0.9
-	**7,286.3**	**129.8**	**245.7**	**12,905.0**	**5,446.7**	**28,505.5**
-	1,131.1	11.2	-	1,205.3	1,842.5	6,527.9
-	-	95.6	245.7	8,781.9	9.5	9,132.8
-	5,823.3	-	-	863.1	1,803.0	8,489.4
-	331.9	19.6	-	1,432.4	1,613.1	3,397.1
-	-	3.4	-	172.0	178.5	353.8
-	-	-	-	450.3	-	604.5
						55.9

Table 2.3.10 *(concluded)*

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	Ethanol	Oil products	Electricity	
64.4	7,430.8	164.3	91.4	-	-	26,878.6
-	-	-	173.6	9,899.6	-	29,664.2
-	-	-	-	(1,320.3)	-	(3,678.5)
-	-	-	-	(27.1)	-	(27.1)
-	-	-	-	(1,215.6)	-	(1,215.6)
-	-	(11.7)	15.9	(83.3)	-	125.4
64.4	**7,430.8**	**152.6**	**281.0**	**7,253.3**	**-**	**51,747.0**
-	-	-	-	9,672.2	-	(508.8)
-	-	-	-	-	-	-
-	-	-	-	-	(643.3)	(643.3)
-	-	-	-	-	(612.6)	(981.5)
-	**7,290.9**	**146.7**	**281.0**	**15,512.3**	**5,830.4**	**31,449.9**
						462.0
						1.5
-	**7,290.9**	**146.6**	**281.5**	**15,038.6**	**5,830.4**	**30,987.9**
-	1,152.0	12.0	-	1,382.5	1,935.8	6,750.0
-	-	116.3	281.5	10,151.0	8.5	10,557.3
-	5,802.4	-	-	973.1	1,955.9	8,731.3
-	336.5	14.5	-	1,291.7	1,727.0	3,369.7
-	-	3.8	-	193.6	203.2	400.6
-	-	-	-	1,046.8	-	1,178.9
						51.9

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Acetes (Alamang)										
Philippines	**4,838.1**	**3,316.0**	**3,857.2**	**4,744.0**	**3,128.1**	**3,773.1**	**3,089.9**	**1,464.6**	**1,608.0**	**1,301.1**
NCR	248.5	226.8	209.3	231.5	171.4	198.5	279.7	176.7	157.6	131.9
Metro Manila	248.5	226.8	209.3	231.5	171.4	198.5	279.7	176.7	157.6	131.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	29.0	62.2	71.0	34.1	18.3	8.4	7.3	6.2	5.7	3.8
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	29.0	62.2	71.0	34.1	18.3	8.4	7.3	6.2	5.7	3.8
Cagayan Valley	3,265.7	1,959.7	2,732.9	3,433.8	1,550.9	2,362.6	2,265.3	899.5	957.7	283.8
Cagayan	3,265.7	1,959.7	2,732.9	3,433.8	1,550.9	2,362.6	2,265.3	899.5	957.7	283.8
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	93.9	96.7	28.1	0.8	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	75.9	83.7	13.6	..	..	..	..	..	..	..
Bulacan	18.0	13.0	14.5	0.8	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	52.6	95.5	4.0	10.0	11.0	10.5	20.9	15.7	30.6	4.2
Batangas	3.0	4.0	..	..	..	..	10.2	12.8	4.8	4.2
Cavite	49.6	15.4	4.0	10.0	11.0	10.5	10.8	2.9	0.8	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	..	76.1	..	..	..	..	..	..	25.0	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	15.6	18.6	27.4	40.2	29.5	15.3	13.2	13.0	13.9	11.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	7.2	11.4	21.2	14.4	15.9	13.6	13.1	12.9	13.8	10.9
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	8.4	7.3	6.2	25.8	13.6	1.7	0.1	0.1	0.1	0.1
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	10.0	3.0	..	..	..	..	5.9
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	5.9
Camarines Sur	..	..	..	10.0	3.0	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	898.0	735.3	711.1	949.4	1,240.4	1,135.9	468.6	326.5	422.9	829.3
Aklan	..	..	6.0	23.1	14.4	15.7	5.4	..	..	0.2
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	898.0	735.3	705.1	924.5	1,226.0	1,120.2	463.1	326.5	422.9	829.1
Negros Occidental	..	..	..	1.8	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	20.3	9.3	7.0	..	1.1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	20.3	9.3	7.0	..	1.1
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	48.8	13.8	0.9	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	3.6	0.8	..	..	..	..	..	..	..	..
Leyte	13.0	11.4	..	..	..	..	..	..	..	..
Northern Samar	25.0	..	..	..	..	..	..	..	..	..
Southern Leyte	2.5	..	..	..	..	..	..	..	..	..
Samar	4.7	1.6	0.9	..	..	..	..	..	..	..
Zamboanga Peninsula	173.9	81.8	68.5	33.3	102.6	20.3	23.8	20.2	19.6	23.4
Zamboanga del Norte	135.3	81.8	68.5	33.3	23.8	20.3	23.8	20.2	19.6	23.4
Zamboanga del Sur	38.6	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	78.8	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	0.1	..	..	..
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	0.1	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	1.1	25.8	1.1	..	..	..	..	..	..	6.6
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	..	..	..	..	4.4
Davao City	1.1	25.8	1.1	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	2.2
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	11.0	..	..	..	..	..	..	..	..	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	11.0	..	..	..	..	..	..	..	..	..
ARMM	..	..	3.0	0.9	1.0	1.4	1.9	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	3.0	0.9	1.0	1.4	1.9	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Anchovies (Dilis)										
Philippines	**24,704.3**	**26,609.9**	**27,420.5**	**26,310.5**	**27,578.6**	**27,039.7**	**27,150.1**	**23,679.8**	**24,159.9**	**20,614.1**
NCR	128.0	214.3	253.3	201.2	237.1	225.5	153.5	177.2	225.9	170.3
Metro Manila	128.0	214.3	253.3	201.2	237.1	225.5	153.5	177.2	225.9	170.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	150.8	109.7	125.9	35.8	136.1	156.5	96.2	60.4	86.7	95.2
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	29.5	1.2	1.6	6.5	1.4	3.9	3.6	6.3	6.6	5.7
Pangasinan	121.3	108.5	124.3	29.3	134.7	152.6	92.6	54.0	80.2	89.6
Cagayan Valley	1,338.5	1,718.4	1,643.6	1,273.2	1,267.0	1,154.8	1,043.5	1,163.8	1,244.1	1,327.5
Cagayan	1,338.5	1,718.4	1,643.6	1,273.2	1,267.0	1,154.8	1,043.5	1,163.8	1,244.1	1,327.5
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	564.9	556.1	211.1	54.9	26.8	11.8	11.1	13.0	21.3	34.8
Aurora	0.2	..	..	..	..	..	..	..	..	..
Bataan	419.1	409.1	88.5	..	..	..	..	..	..	..
Bulacan	129.0	85.2	73.9	13.1	12.0	11.8	11.1	13.0	21.3	34.8
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	16.6	61.8	48.8	41.8	14.8	..	..	..	..	..
CALABARZON	1,962.2	2,241.8	1,786.6	2,301.1	2,884.8	2,776.4	1,751.0	617.6	1,564.2	1,158.3
Batangas	78.9	61.3	45.5	64.5	85.4	109.8	61.6	36.9	22.1	7.4
Cavite	96.3	138.8	168.4	370.5	522.8	541.4	198.3	226.1	355.1	384.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,786.9	2,041.8	1,572.7	1,866.1	2,276.6	2,125.2	1,491.1	354.6	1,187.0	766.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,227.4	2,457.2	2,106.6	2,760.8	3,277.6	3,030.5	2,713.8	2,439.0	2,291.6	2,211.7
Marinduque	5.2	4.4	2.1	7.0	7.7	8.2	8.1	2.5	2.2	1.7
Occidental Mindoro	658.2	700.2	681.7	497.9	523.1	475.0	469.3	467.8	498.9	507.2
Oriental Mindoro	134.0	151.8	137.5	136.3	144.3	140.2	147.7	148.7	163.8	191.6
Palawan	2,430.0	1,600.9	1,285.4	2,119.6	2,602.6	2,407.1	2,088.8	1,820.1	1,626.7	1,511.3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	5,516.7	5,752.1	8,075.1	8,061.5	8,419.1	8,518.5	9,382.0	9,636.5	9,789.9	8,566.1
Albay	505.0	753.9	787.4	844.6	883.4	945.3	865.9	899.1	923.5	916.3
Camarines Norte	307.0	315.2	255.0	300.5	305.2	269.8	276.3	287.6	285.0	120.1
Camarines Sur	1,401.6	1,681.1	3,917.2	2,866.9	2,786.7	2,768.0	2,755.6	2,601.7	2,428.2	2,034.2
Catanduanes	..	..	..	..	..	..	..	6.2	6.7	6.7
Masbate	2,870.0	2,877.3	3,054.2	3,843.1	4,222.9	4,284.5	5,200.5	5,540.7	5,755.2	5,117.0
Sorsogon	433.1	124.6	61.4	206.4	220.8	251.0	283.7	301.3	391.4	371.8
Western Visayas	2,391.9	2,638.0	2,633.4	1,988.1	1,639.8	1,920.3	1,525.6	1,150.5	741.7	612.2
Aklan	51.8	31.8	16.2	32.9	29.1	28.1	35.6	32.1	32.4.1	28.9
Antique	26.0	23.2	26.3	19.2	17.4	22.6	28.1	38.9	45.6	43.4
Capiz	659.3	692.9	677.7	746.6	857.5	966.0	806.0	468.5	160.0	243.5
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	670.8	1,114.7	1,108.8	806.7	670.4	869.6	617.5	556.1	467.2	249.4
Negros Occidental	984.0	775.4	804.4	382.6	65.4	34.0	38.4	54.8	36.6	47.0
Central Visayas	231.4	18.0	20.7	46.9	519.4	727.8	665.0	432.2	472.2	458.4
Bohol	6.0	..	18.0	8.0	0.8	..	..	..	..	..
Cebu	225.4	18.0	..	..	499.2	705.4	635.1	407.7	293.0	306.6
Negros Oriental	..	..	2.7	38.9	19.4	22.3	29.9	24.5	179.3	151.8
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	3,348.0	3,410.1	3,330.4	1,655.3	1,905.5	1,791.2	1,913.1	831.3	517.5	425.0
Biliran	183.0	212.4.13	219.2	51.9	..	..	..	..	..	..
Eastern Samar	219.8	215.5	233.3	50.3	..	..	5.6	1.9	5.2	..
Leyte	2,210.5	2,305.1	2,373.0	1,260.7	1,643.4	1,517.3	1,572.3	459.2	223.9	178.6
Northern Samar	57.4	51.4	44.5	62.6	119.0	131.6	160.2	172.9	181.6	188.8
Southern Leyte	83.0	17.0	7.0	..	..	..	..	..	..	..
Samar	594.4	608.8	453.4	229.9	143.2	142.4	175.0	197.3	106.8	57.6
Zamboanga Peninsula	2,861.8	1,833.7	2,384.2	3,001.9	2,340.6	1,845.7	1,518.6	1,482.0	2,267.4	1,380.2
Zamboanga del Norte	1,494.5	1,051.6	715.5	489.2	384.3	417.7	240.9	263.5	219.5	217.4
Zamboanga del Sur	540.4	676.6	1,245.2	1,065.5	1,070.0	969.5	923.0	961.9	1,113.5	1,074.3
Zamboanga City	25.4	48.6	268.1	1,193.9	544.7	191.7	166.7	166.4	867.2	18.7
Zamboanga Sibugay	801.5	56.8	155.4	253.2	341.6	266.9	188.0	90.3	67.3	69.8
Northern Mindanao	353.2	668.6	681.5	1,124.7	871.4	780.2	835.4	987.0	995.4	1,061.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	351.8	667.6	681.4	1,124.7	871.4	780.2	835.4	987.0	995.4	1,061.7
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	1.5	1.0	0.1	..	..	..	..	0.0	..	..
Davao Region	355.6	546.1	558.0	213.8	497.9	570.8	1,685.5	987.3	546.7	210.2
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	336.5	541.1	540.3	151.3	496.1	570.2	1,684.5	985.4	544.6	207.8
Davao City	14.5	4.9	5.4	2.3	1.8	0.7	1.0	1.9	2.1	2.4
Davao Oriental	4.6	..	12.3	60.2	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	..	136.7	109.8	134.3	813.7	641.2	435.0	77.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	1.5	..	..	14.2	10.9	1.2	..
South Cotabato	..	..	..	135.2	109.8	134.3	799.5	630.2	433.8	77.9
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	819.2	944.0	337.3	321.7	256.2	176.9	171.2	201.6	179.3	155.6
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	739.8	797.3	243.7	268.4	247.2	172.9	155.5	179.8	174.2	155.6
Surigao del Sur	79.4	146.7	93.7	53.3	9.0	4.1	15.7	21.8	5.1	..
ARMM	1,454.8	3,501.9	3,272.9	3,133.1	3,189.5	3,218.5	2,871.1	2,859.4	2,780.9	2,668.9
Basilan	193.6	171.5	171.1	172.9	182.9	172.4.18	166.6	155.9	155.4	163.0
Lanao del Sur	61.9	58.7	81.4	83.0	94.4	95.0	94.1	120.2	163.0	146.8
Maguindanao	144.6	27.3	77.5	134.4	142.4.1	151.5	..	..	..	..
Sulu	1,054.8	3,236.2	2,931.7	2,728.3	2,753.9	2,784.4	2,598.4	2,566.2	2,445.3	2,340.5
Tawi-tawi	..	8.3	11.2	14.6	15.8	15.2	12.0	17.1	17.2	18.7

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Big-eyed Scad (Matangbaka)										
Philippines	**33,661.4**	**33,466.0**	**38,572.8**	**39,933.0**	**44,643.4**	**42,692.8**	**42,795.5**	**47,116.9**	**44,830.1**	**42,995.4**
NCR	1,492.2	1,333.9	998.1	1,174.9	1,441.6	2,518.0	2,099.6	2,013.2	1,197.4	886.6
Metro Manila	1,492.2	1,333.9	998.1	1,174.9	1,441.6	2,518.0	2,099.6	2,013.2	1,197.4	886.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	184.8	354.9	375.0	229.9	365.6	630.6	223.6	209.9	213.3	143.4
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	20.6	32.4.18	26.4	69.4	61.0	57.1	85.7	73.3	73.5	70.2
Pangasinan	164.2	322.4.15	348.6	160.5	304.6	573.5	137.9	136.6	139.8	73.1
Cagayan Valley	976.7	1,144.9	998.3	794.6	848.7	704.1	709.9	501.8	505.2	508.0
Cagayan	976.7	1,144.9	998.3	794.6	848.7	704.1	709.9	501.8	505.2	508.0
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	146.3	144.9	138.1	80.7	30.7	83.3	44.9	41.9	52.4	59.3
Aurora	2.5	2.0	0.9	1.3	1.5	1.2	0.9	0.8	0.8	..
Bataan	128.8	137.7	130.5	76.6	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	15.0	5.2	6.8	2.8	29.2	82.2	44.0	41.1	51.6	59.3
CALABARZON	701.4	1,545.1	1,977.3	1,225.5	1,634.5	1,568.0	1,592.0	1,300.9	1,846.8	1,542.6
Batangas	215.2	194.8	171.9	230.7	298.4	285.4	234.6	259.8	140.5	149.5
Cavite	29.3	30.5	10.8	35.9	26.7	36.6	36.7	67.3	89.9	102.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	456.9	1,319.8	1,794.6	959.0	1,309.5	1,246.0	1,320.7	973.7	1,616.4	1,290.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,947.4	1,610.8	1,659.9	1,693.4	1,941.1	1,915.1	1,623.9	1,656.6	1,731.5	1,765.4
Marinduque	11.6	11.9	13.8	17.7	21.4	7.4	5.3	6.9	7.6	8.4
Occidental Mindoro	297.6	291.7	346.9	198.2	204.4	193.6	187.4	185.9	188.2	193.4
Oriental Mindoro	44.0	51.4	47.1	44.3	41.6	41.1	43.1	47.4	47.5	50.2
Palawan	1,552.0	1,194.2	1,214.9	1,388.3	1,610.6	1,603.7	1,327.5	1,389.9	1,466.9	1,487.8
Romblon	42.2	61.7	37.2	45.0	63.1	69.3	60.7	26.6	21.3	25.6
Bicol Region	796.8	1,109.5	1,225.8	1,315.2	1,492.9	1,575.4	1,638.1	2,157.1	2,188.4	2,099.2
Albay	100.0	235.3	271.9	354.7	419.6	456.7	488.7	500.7	519.8	536.7
Camarines Norte	113.0	148.8	218.1	233.9	271.8	262.2	269.8	302.8	307.9	506.4
Camarines Sur	467.5	631.3	636.7	626.2	737.4	810.8	823.9	793.3	814.0	740.9
Catanduanes	..	5.9	5.6	4.7	16.9	14.4	13.7	13.7	13.6	10.8
Masbate	15.0	31.3	28.0	36.6	8.0	..	..	440.6	307.1	290.3
Sorsogon	101.3	57.0	65.6	59.0	39.3	31.3	42.0	105.9	226.0	14.1
Western Visayas	2,554.1	2,692.8	3,533.6	2,853.0	2,704.5	2,859.7	2,292.3	3,035.1	2,958.2	3,315.8
Aklan	11.2	25.7	21.3	17.7	23.6	26.6	28.6	44.9	58.3	60.1
Antique	235.3	403.8	575.1	510.4	706.5	657.8	623.2	607.4	587.4	595.3
Capiz	878.0	900.8	906.4	947.0	1,015.3	988.0	873.0	967.4	913.5	1,579.8
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,210.6	881.4	1,465.0	1,018.9	812.5	1,073.4	653.1	1,234.6	1,181.4	862.7
Negros Occidental	218.9	481.2	565.7	358.9	146.5	113.9	114.4	180.8	217.6	217.9
Central Visayas	1,985.6	2,708.9	2,516.6	2,677.1	2,452.5	2,117.1	2,599.7	2,354.7	1,888.4	2,129.8
Bohol	198.0	67.9	92.7	294.0	354.9	246.9	183.1	145.7	125.9	57.1
Cebu	1,341.5	1,951.5	1,696.4	1,934.3	1,588.3	1,363.3	1,876.3	1,662.6	1,281.1	1,670.1
Negros Oriental	445.7	689.6	727.5	448.8	509.4	507.0	540.3	546.4	481.4	402.6
Siquijor	0.3	..	.	.	.	.	.	.	.	.
Eastern Visayas	1,741.3	1,690.2	1,861.1	1,613.0	1,848.7	1,996.5	2,368.1	1,961.2	1,664.9	1,705.4
Biliran	89.2	76.1	142.1	58.7	87.9	92.9	66.6	69.4	71.5	72.8
Eastern Samar	424.4	466.3	476.1	120.4	..	..	..	..	..	..
Leyte	676.0	670.5	755.8	909.7	1,081.7	1,168.9	1,613.7	1,174.1	829.9	888.2
Northern Samar	116.1	120.8	169.3	179.5	176.3	178.3	162.9	168.8	180.4	193.6
Southern Leyte	243.0	162.6	155.0	164.8	142.0	158.4	137.3	203.3	277.1	270.9
Samar	192.8	193.9	162.8	179.9	360.9	398.1	387.5	345.6	306.1	279.9
Zamboanga Peninsula	8,548.6	7,887.1	11,028.9	12,807.4	15,536.8	11,425.6	12,822.8	17,282.8	15,995.5	15,400.0
Zamboanga del Norte	806.9	885.8	1,247.1	1,103.4	1,185.2	1,513.2	998.3	1,278.7	1,474.7	2,448.2
Zamboanga del Sur	1,130.8	1,371.0	1,930.0	2,405.7	2,862.2	3,286.8	3,413.3	3,786.4	3,848.0	3,946.2
Zamboanga City	5,869.5	4,702.5	7,172.1	8,618.6	10,402.7	6,226.8	8,090.6	12,023.4	10,456.0	8,797.6
Zamboanga Sibugay	741.5	927.7	679.8	679.8	1,086.7	398.8	320.6	194.3	216.8	208.0
Northern Mindanao	4,074.6	3,160.5	2,994.6	2,813.8	2,874.0	2,705.7	2,411.5	2,312.9	2,228.5	2,011.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	3.0	2.8	8.6	10.4	17.4	13.3	17.7	5.2	21.1	5.9
Lanao del Norte	1,912.6	780.0	593.6	772.1	612.8	559.9	466.5	521.1	488.4	502.7
Misamis Occidental	2,049.0	2,242.9	2,291.8	1,913.4	2,033.6	1,801.9	1,699.8	1,630.7	1,530.9	1,307.7
Misamis Oriental	110.0	134.8	100.6	117.9	210.2	330.6	227.4	155.9	188.1	194.9
Davao Region	752.1	806.6	1,242.9	1,075.5	975.3	1,608.2	1,731.3	1,348.6	833.9	658.3
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	248.1	353.5	734.4	498.0	423.7	738.9	1,041.4	840.8	317.6	241.3
Davao City	55.1	28.8	18.3	36.1	42.7	61.7	29.7	20.9	33.8	22.3
Davao Oriental	448.9	424.3	490.2	541.4	509.0	807.6	660.2	486.9	482.4	394.7
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	622.0	723.6	677.7	1,006.0	1,357.2	1,595.5	1,567.7	1,718.8	2,075.0	1,130.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	40.5	..	9.0	7.0	26.4	34.2	30.6	37.2	22.7	11.7
South Cotabato	104.6	237.6	173.4	505.2	838.3	1062.4.15	1,064.7	1,229.8	1,523.3	603.3
Sultan Kudarat	476.9	486.1	495.3	493.8	492.5	498.9	472.4.14	451.8	529.0	515.7
Caraga	224.1	214.1	148.4	285.9	294.2	257.9	297.4	304.4	194.4	215.6
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	221.1	207.4	147.3	284.5	292.8	249.3	283.7	288.0	172.2	199.1
Surigao del Sur	3.0	6.7	1.2	1.4	1.4	8.6	13.7	16.4	22.2	16.5
ARMM	6,913.6	6,338.3	7,196.5	8,287.2	8,845.2	9,132.0	8,772.9	8,917.2	9,256.5	9,424.3
Basilan	2,864.5	2,815.5	3,137.3	3,441.4	3,659.6	3,805.4	3,502.5	3,591.1	3,717.1	3,853.6
Lanao del Sur	293.3	287.0	304.0	307.3	318.3	318.7	315.1	321.0	343.5	287.8
Maguindanao	150.1	32.3	104.5	149.8	163.0	144.4	146.0	142.3	144.5	96.3
Sulu	3,605.6	3,166.8	3,598.9	4,338.4	4,644.6	4,799.5	4,766.0	4,815.6	4,996.5	5,122.9
Tawi-tawi	..	36.7	51.9	50.3	59.7	64.0	43.4	47.3	54.9	63.7

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bigeye Tuna (Tambakol/Bariles)										
Philippines	**15,334.2**	**17,325.2**	**17,173.9**	**3,701.5**	**8,575.3**	**6,021.6**	**7,889.2**	**6,886.7**	**6,188.3**	**5,258.5**
NCR	..	..	..	..	140.0	..	..	..	..	125.7
Metro Manila	..	..	..	..	140.0	..	..	..	..	125.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	80.0	91.0	122.4.15	5.3	13.5	15.5	10.7	18.9	18.9	21.2
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	2.9	..	..	..	..	..	..	..	..
Pangasinan	80.0	88.1	122.4.15	5.3	13.5	15.5	10.7	18.9	18.9	21.2
Cagayan Valley	596.9	741.7	561.7	39.1	29.9	28.3	15.1	22.9	23.4	33.5
Cagayan	596.9	741.7	561.7	39.1	29.9	28.3	15.1	22.9	23.4	33.5
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	428.2	304.7	265.9	215.5	227.8	89.6	71.8	58.3	57.3	52.1
Aurora	..	2.0	2.7	0.9	0.9	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	428.2	302.7	263.3	214.6	227.0	89.6	71.8	58.3	57.3	52.1
CALABARZON	301.8	655.8	790.2	181.8	465.1	482.9	1,279.1	1,583.0	1,054.5	563.0
Batangas	105.7	101.2	82.2	24.7	17.4	72.1	46.1	10.9	36.2	7.0
Cavite	27.3	13.5	2.0	..	..	..	9.6	43.1	58.7	433.4
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	168.8	541.0	706.0	157.1	447.7	410.8	1,223.4	1,529.1	959.6	122.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,237.3	1,010.7	1,336.9	126.8	900.2	232.0	218.9	232.4.15	232.5	226.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	121.3	157.1	267.9	25.6	221.7	142.1	135.4	141.8	140.6	133.7
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	1,084.4	812.7	1,023.1	94.5	658.3	60.5	23.5	17.9	16.7	18.6
Romblon	31.6	40.9	46.0	6.8	20.2	29.4	60.1	72.7	75.2	73.7
Bicol Region	148.2	304.9	383.8	250.3	434.9	490.6	506.8	485.8	515.5	545.6
Albay	89.0	255.6	362.9	246.2	434.9	490.6	504.1	480.1	496.1	488.0
Camarines Norte	17.0	16.9	..	..	..	..	..	..	..	51.7
Camarines Sur	2.0	3.3	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	2.7	5.8	6.1	5.9
Masbate	7.0	14.0	11.8	3.0	..	..	..	..	..	..
Sorsogon	33.2	15.1	9.2	1.2	..	..	..	..	13.4	..
Western Visayas	396.2	482.0	576.3	50.5	135.3	181.5	246.9	297.2	581.8	662.3
Aklan	17.5	28.0	12.8	2.1	4.4	4.5	4.0	6.2	5.7	8.3
Antique	8.3	11.2	7.3	12.3	24.1	22.4.16	15.6	13.2	14.5	9.4
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	370.4	442.9	546.7	36.1	70.9	147.3	215.5	267.0	511.1	616.3
Negros Occidental	..	..	9.6	0.1	35.8	7.2	11.7	10.8	50.6	28.3
Central Visayas	393.5	297.3	294.5	68.8	63.8	53.2	27.7	28.7	51.6	13.4
Bohol	4.0	1.5	4.9	0.3	0.7	..	..	..	..	..
Cebu	132.9	136.4	191.9	4.0	..	..	..	..	..	..
Negros Oriental	256.0	159.4	97.7	64.5	63.1	53.2	27.7	28.7	51.6	13.4
Siquijor	0.6	..	.	.	.	.	.	.	.	.
Eastern Visayas	1,151.7	1,689.2	1,761.9	251.3	2,409.1	1,487.7	1,912.1	737.3	591.2	448.7
Biliran	27.0	25.5	24.5	5.2	6.0	15.3	3.1	2.8	2.7	2.4.11
Eastern Samar	425.6	906.7	905.9	95.4	1,094.5	209.7	218.1	179.6	137.5	96.4
Leyte	265.7	335.4	345.2	67.1	984.0	1,020.6	1482.4.17	371.7	329.6	241.7
Northern Samar	256.0	225.1	196.8	31.3	174.2	171.3	132.4.16	116.5	100.5	87.9
Southern Leyte	142.4.1	112.4.1	146.6	44.4	91.5	70.8	76.0	66.8	21.0	20.4
Samar	35.0	84.1	143.0	7.9	59.0	..	..	..	..	..
Zamboanga Peninsula	2,527.8	1,990.5	5,577.0	434.6	1,283.4	772.6	1,376.7	789.8	271.9	292.1
Zamboanga del Norte	405.9	385.5	342.1	26.9	22.3	..	4.9	..	..	..
Zamboanga del Sur	1,540.0	1,212.5	2,921.7	147.0	145.3	168.8	257.8	239.7	269.4	286.7
Zamboanga City	507.1	280.0	2,075.8	259.2	926.9	591.6	1,111.3	548.6	..	5.3
Zamboanga Sibugay	74.8	112.4.13	237.5	1.5	189.0	12.2	2.6	1.6	2.5	..
Northern Mindanao	313.1	773.3	829.3	73.2	402.8	260.0	275.2	252.4	250.0	272.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	25.2	..	..	..	..	..	..	..	..
Lanao del Norte	113.3	557.3	705.4	65.2	363.5	212.3	201.9	173.8	178.8	204.3
Misamis Occidental	150.0	104.6	98.1	7.8	18.4	47.7	73.4	74.6	71.1	67.8
Misamis Oriental	49.8	86.3	25.8	0.3	21.0	..	..	4.0	..	..
Davao Region	1,858.5	1,610.0	1,273.9	1,083.7	665.5	684.9	634.8	1,143.0	1,292.2	930.7
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	82.1	35.7	8.9	..	8.6	..	..	..	26.6	..
Davao City	1,776.4	1,571.2	1,265.0	1,083.7	648.9	684.9	634.8	1,143.0	1,265.6	930.7
Davao Oriental	..	3.1	..	..	8.0	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	3,331.8	4,647.1	585.5	514.3	324.9	226.8	321.7	297.7	366.9	230.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	95.6	112.2	9.2	3.9	2.6	2.0	2.4.18	3.3	3.9	1.4
South Cotabato	3,183.1	4,458.1	502.1	436.7	249.9	176.0	294.4	267.8	332.2	189.3
Sultan Kudarat	53.1	76.9	74.2	73.8	72.4.16	48.9	24.9	26.6	30.8	40.2
Caraga	185.8	110.5	172.6	63.7	72.2	33.8	55.0	43.0	39.8	47.9
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	7.5	2.1	13.7	50.2	52.9	26.5	46.1	35.6	33.1	43.1
Surigao del Sur	178.3	108.4	158.9	13.5	19.3	7.3	8.9	7.4	6.7	4.7
ARMM	2,383.6	2,616.7	2,641.8	342.6	1,006.9	982.1	936.6	896.2	841.0	793.4
Basilan	23.2	21.5	16.0	19.7	20.6	16.8	14.6	13.6	13.9	12.2
Lanao del Sur	3.2	..	..	..	..	..	..	..	..	..
Maguindanao	56.1	2.1	12.9	0.4	4.0	4.8	4.6	4.6	4.7	3.6
Sulu	2,301.1	2,591.0	2,600.2	320.9	975.2	953.0	907.5	861.3	802.7	752.4.15
Tawi-tawi	..	2.1	12.8	1.7	7.2	7.6	9.9	16.7	19.7	25.2

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Blue Crab (Alimasag)										
Philippines	**1,699.9**	**2,030.8**	**2,208.6**	**1,748.1**	**1,580.8**	**1,349.6**	**1,103.6**	**1,064.9**	**1,178.0**	**815.5**
NCR	80.7	50.2	72.9	106.0	164.7	75.3	80.8	84.0	164.5	102.6
Metro Manila	80.7	50.2	72.9	106.0	164.7	75.3	80.8	84.0	164.5	102.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	63.5	85.7	99.1	31.9	12.1	9.1	9.6	18.2	15.0	15.3
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	13.5	3.7	5.3	0.6	3.0	3.8	6.9	8.9	9.8	9.6
Pangasinan	50.0	82.0	93.7	31.3	9.1	5.3	2.7	9.3	5.2	5.8
Cagayan Valley	2.8	10.7	8.2	2.9	3.6	7.1	6.3	5.0	1.7	2.2
Cagayan	2.8	10.7	8.2	2.9	3.6	7.1	6.3	5.0	1.7	2.2
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	116.1	177.9	167.7	74.7	46.6	56.0	47.4	48.5	55.1	37.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	75.6	87.0	71.0	..	..	..	..	..	..	..
Bulacan	40.5	90.9	96.6	74.7	46.6	56.0	47.4	48.5	55.1	37.8
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	61.8	282.6	355.3	122.9	124.7	113.2	140.4	149.5	294.1	195.8
Batangas	0.0	..	..	..	..	..	..	..	..	..
Cavite	58.7	124.2	163.9	64.8	101.9	113.2	140.4	149.5	294.1	150.8
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	3.2	158.3	191.4	58.1	22.8	..	..	..	..	45.0
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	96.6	99.0	108.2	93.9	76.8	82.2	123.8	84.9	90.3	87.4
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	9.0	11.2	11.5	6.8	0.7	0.5	0.5	0.4	0.4	0.5
Palawan	87.6	87.8	96.7	87.1	76.2	81.7	123.4	84.6	89.9	87.0
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	114.9	177.8	196.3	168.0	147.1	127.5	85.6	114.8	132.4.12	47.3
Albay	7.0	26.6	38.5	13.0	18.8	30.5	46.9	79.2	100.3	32.9
Camarines Norte	15.0	19.1	14.5	26.1	28.1	25.3	26.0	29.8	28.5	9.0
Camarines Sur	33.0	29.3	24.2	14.7	11.1	9.0	8.8	2.0	..	0.6
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	57.0	98.2	115.9	102.3	81.9	62.7	..	..	..	..
Sorsogon	2.9	4.6	3.3	11.9	7.1	..	3.8	3.8	3.7	4.7
Western Visayas	512.4	712.2	1,004.0	909.6	703.9	647.9	414.6	254.8	269.6	213.0
Aklan	..	..	..	0.3	..	0.3	0.1	0.5	0.1	12.0
Antique	..	..	0.0	..	..	..	..	..	0.2	0.2
Capiz	366.3	402.4.1	351.9	368.8	398.4	342.0	143.0	15.2	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	85.2	163.1	190.9	156.3	100.9	103.4	71.9	17.4	13.2	17.5
Negros Occidental	60.9	146.7	461.2	384.2	204.7	202.2	199.6	221.7	256.1	183.2
Central Visayas	0.7	1.1	6.0	5.5	4.8	4.2	4.2	3.2	0.5	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	0.7	1.1	6.0	5.5	4.8	4.2	4.2	3.2	0.5	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	.	.	.	.	.	.	.
Eastern Visayas	556.7	401.1	171.4	214.3	277.5	187.5	153.7	231.8	126.3	83.1
Biliran	10.3	..	..	..	..	..	..	..	..	..
Eastern Samar	113.5	85.6	6.8	..	..	..	..	..	..	..
Leyte	81.0	83.8	44.7	..	3.7	2.0	1.7	27.9	1.5	3.0
Northern Samar	22.0	22.4.19	19.2	14.0	28.7	25.5	24.1	19.5	16.3	13.2
Southern Leyte	3.5	..	..	..	..	..	..	..	..	..
Samar	326.4	209.3	100.8	200.3	245.1	160.0	128.0	184.4	108.6	67.0
Zamboanga Peninsula	60.1	18.7	..	..	1.5	9.2	0.9	0.9	0.3	5.4
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	5.4
Zamboanga Sibugay	60.1	18.7	..	..	1.5	9.2	0.9	0.9	0.3	..
Northern Mindanao	..	..	..	..	1.4	14.5	21.3	53.2	18.1	18.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	1.4	13.3	21.3	53.2	18.1	18.4
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	1.2	..	..	..	..
Davao Region	0.2	2.6	1.4	1.0	..	..	..	..	..	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	0.2	2.6	1.4	1.0	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	9.0	7.2	2.4.14	2.6	1.5	..	..	2.9	..	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	7.0	7.2	2.4.14	2.6	1.5	..	..	..	..	..
Surigao del Sur	2.0	..	..	..	..	..	..	2.9	..	..
ARMM	24.5	4.0	15.9	15.0	14.7	15.9	15.1	13.4	10.2	7.2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	6.0
Maguindanao	24.5	4.0	15.9	15.0	14.7	15.9	15.1	13.4	10.2	1.3
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Caesio (Dalagang-bukid)										
Philippines	**5,278.7**	**7,433.2**	**5,954.4**	**5,494.0**	**6,839.7**	**5,466.9**	**7,057.9**	**5,819.1**	**5,143.6**	**6,169.3**
NCR	2,334.5	3,453.6	2,120.7	1,985.6	2,614.7	1,381.6	2,780.3	2,439.3	1,809.4	2,036.8
Metro Manila	2,334.5	3,453.6	2,120.7	1,985.6	2,614.7	1,381.6	2,780.3	2,439.3	1,809.4	2,036.8
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	73.0	136.6	122.1	73.6	26.1	27.2	19.8	23.9	36.4	38.6
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	73.0	136.6	122.1	73.6	26.1	27.2	19.8	23.9	36.4	38.6
Cagayan Valley	46.5	57.2	51.7	86.6	339.9	290.6	230.1	231.8	226.4	209.8
Cagayan	46.5	57.2	51.7	86.6	339.9	290.6	230.1	231.8	226.4	209.8
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	9.8	10.2	9.2	3.5	28.4	5.8	0.1	0.1	0.1	4.3
Aurora	1.0	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	8.8	9.8	9.0	3.4	28.3	5.7	..	..	..	4.3
CALABARZON	613.2	955.9	592.8	493.7	557.9	313.2	601.9	404.4	408.3	971.3
Batangas	483.8	495.5	562.4	397.0	331.8	299.7	597.5	404.4	406.2	861.7
Cavite	2.4	0.8	..	..	..	..	..	..	..	93.4
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	127.0	459.7	30.4	96.7	226.0	13.5	4.3	..	2.2	16.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	994.8	1,167.0	1,060.2	1,204.6	1,471.6	1,603.5	1,747.4	1,340.5	1,514.8	1,478.4
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	89.8	101.0	101.9	78.9	82.2	76.4	70.5	71.9	80.9	83.2
Oriental Mindoro	15.0	17.5	16.7	14.7	14.4	14.0	13.5	12.4.12	10.8	9.5
Palawan	890.0	1,048.5	941.6	1,111.1	1,375.0	1,513.1	1,663.4	1,256.2	1,423.1	1,385.7
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	86.2	86.2	101.3	109.6	104.2	188.7	263.2	283.7	296.4	258.7
Albay	..	2.7	5.0	..	9.9	68.3	128.2	172.3	195.8	189.6
Camarines Norte	12.0	16.0	16.5	18.0	18.0	16.7	19.4	19.4	26.6	17.7
Camarines Sur	71.2	58.6	69.1	87.7	76.4	103.8	115.6	92.0	74.0	51.3
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	3.0	8.9	10.7	3.9	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	194.7	233.6	394.5	292.6	254.9	575.9	307.5	281.9	316.7	324.4
Aklan	7.5	15.3	6.9	5.6	8.4	11.9	7.2	7.2	7.8	6.0
Antique	103.8	159.2	259.9	219.9	206.7	157.3	166.4	146.7	147.6	265.8
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	83.4	59.1	127.8	51.5	32.7	22.1	0.5	53.2	48.8	42.8
Negros Occidental	..	..	..	15.6	7.1	384.5	133.5	74.8	112.6	9.9
Central Visayas	128.1	149.5	102.7	61.6	57.0	43.1	28.4	29.0	5.0	2.4.17
Bohol	4.0	1.5	..	..	..	..	..	..	..	2.0
Cebu	124.1	148.0	102.7	61.6	57.0	43.1	28.4	29.0	2.9	..
Negros Oriental	..	..	..	..	..	..	..	..	2.1	0.5
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	526.1	574.1	652.8	278.1	410.5	373.1	242.9	310.4	25.7	94.8
Biliran	12.2	13.9	37.2	35.1	15.3	15.0	12.5	11.9	13.0	12.4.19
Eastern Samar	330.2	345.2	366.8	94.0	..	..	..	..	..	..
Leyte	145.4	153.8	193.5	108.4	370.6	348.9	224.5	293.5	10.3	73.0
Northern Samar	22.0	23.3	26.8	24.9	14.5	9.3	5.9	5.1	2.4.18	2.1
Southern Leyte	8.3	20.0	4.8	5.4	..	..	..	..	..	..
Samar	8.0	17.9	23.7	10.3	10.1	..	..	..	..	7.2
Zamboanga Peninsula	111.2	161.0	154.6	342.7	173.3	151.1	434.0	64.5	91.4	339.5
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	19.2	5.9	0.3	..	..	..	..
Zamboanga City	89.9	137.0	80.4	250.9	125.0	150.8	434.0	64.5	91.4	339.5
Zamboanga Sibugay	21.3	24.0	74.1	72.5	42.4.11	..	..	..	..	..
Northern Mindanao	57.7	242.6	327.5	267.9	418.9	239.1	171.5	194.0	201.5	213.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	57.7	242.6	327.5	267.9	418.9	239.1	171.5	194.0	201.5	213.2
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	7.6	10.2	53.3	96.6	149.1	51.0	..	..	..	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	6.3	7.5	51.7	95.0	148.9	51.0	..	..	..	..
Davao City	1.3	2.7	1.7	1.6	0.3	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	2.6	41.9	44.6	18.5	52.0	32.5	16.8	24.8	28.6	10.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	2.6	..	..	..	..	..	..	..	..	..
South Cotabato	..	41.9	44.6	18.5	52.0	32.5	16.8	24.8	28.6	10.6
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	19.9	18.4	18.4	30.0	24.8	37.7	67.6	29.5	24.0	3.3
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	18.9	18.2	18.4	30.0	24.8	36.7	58.8	18.0	9.2	..
Surigao del Sur	1.0	0.3	..	..	..	0.9	8.8	11.5	14.8	3.3
ARMM	72.8	135.1	148.1	148.9	156.5	152.9	146.5	161.3	158.9	183.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	18.6	24.0	24.8	27.1	28.4	28.1	38.4	34.0	55.3
Maguindanao	3.1	2.1	16.4	13.9	15.3	11.9	9.0	9.2	9.1	9.1
Sulu	69.7	102.1	83.0	86.6	86.6	84.3	84.7	86.7	90.7	92.2
Tawi-tawi	..	12.3	24.8	23.6	27.5	28.3	24.6	27.1	25.2	26.6

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cavalla (Talakitok)										
Philippines	**3,917.9**	**5,196.0**	**6,273.8**	**5,743.0**	**8,229.5**	**7,360.8**	**6,209.7**	**5,949.3**	**5,749.1**	**5,636.4**
NCR	45.7	87.4	28.4	315.6	72.7	52.7	61.1	91.9	59.0	171.6
Metro Manila	45.7	87.4	28.4	315.6	72.7	52.7	61.1	91.9	59.0	171.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	95.9	123.8	173.7	61.9	25.2	21.1	31.9	43.7	43.4	48.7
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	11.6	9.0	7.3	11.0	8.9	4.7	15.6	22.6	23.3	22.5
Pangasinan	84.4	114.8	166.5	50.9	16.3	16.4	16.4	21.1	20.0	26.2
Cagayan Valley	193.5	184.2	169.2	136.6	327.6	283.5	194.9	218.6	206.4	193.2
Cagayan	193.5	184.2	169.2	136.6	327.6	283.5	194.9	218.6	206.4	193.2
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	22.6	18.6	11.4	5.7	3.8	0.6	0.4	0.4	0.4	3.5
Aurora	1.8	1.3	0.8	1.1	0.8	0.6	0.4	0.4	0.4	..
Bataan	20.8	17.3	8.9	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	1.8	4.6	3.0	..	..	..	..	3.5
CALABARZON	136.8	229.6	716.0	601.3	492.9	697.2	840.5	1,454.3	1,278.1	785.5
Batangas	12.2	34.3	59.8	42.2	31.5	31.2	33.4	23.5	21.4	4.2
Cavite	78.0	41.5	20.6	31.7	32.7	34.8	24.8	30.1	25.3	55.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	46.7	153.8	635.6	527.5	428.6	631.2	782.4	1,400.6	1,231.4	726.0
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	932.4.1	1,018.0	1,220.7	991.5	1,579.3	1,419.1	1,074.3	954.7	936.7	897.8
Marinduque	0.5	..	..	..	..	..	..	..	..	..
Occidental Mindoro	59.9	67.7	74.3	52.3	58.5	56.3	55.1	54.2	58.4	59.4
Oriental Mindoro	66.0	68.5	50.3	47.7	46.8	45.7	40.8	36.3	32.6	28.8
Palawan	806.0	880.4	1,096.1	891.3	1,472.5	1,308.0	978.4	864.2	845.7	809.6
Romblon	..	1.4	..	0.2	1.5	9.1	..	..	..	..
Bicol Region	139.7	224.0	318.9	331.1	333.5	334.9	356.0	318.9	205.1	186.8
Albay	17.0	49.8	76.7	98.0	105.4	120.4	127.8	105.5	..	75.0
Camarines Norte	50.0	69.1	83.8	96.5	115.1	103.0	108.7	112.4	117.7	43.8
Camarines Sur	51.0	57.5	121.6	99.3	84.2	87.8	97.0	76.1	61.0	40.6
Catanduanes	..	32.6	27.2	34.4	28.9	23.7	22.6	24.9	26.4	23.3
Masbate	18.0	11.2	9.7	3.0	..	..	..	..	..	..
Sorsogon	3.7	3.9	..	..	..	..	..	..	..	4.1
Western Visayas	545.1	840.1	1,058.7	1,197.3	2,442.8	2,499.6	1,685.0	1,272.1	1,510.5	1,595.1
Aklan	19.9	13.6	6.6	6.8	8.2	10.3	11.1	9.2	9.6	10.3
Antique	127.0	190.0	245.2	139.4	143.1	117.3	87.3	75.0	80.1	214.8
Capiz	4.1	4.0	4.0	5.7	10.1	6.7	5.4	2.5	0.6	0.4
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	208.6	448.3	587.3	705.2	2,200.3	1,858.4	1,435.6	1,075.0	1,275.6	1,200.5
Negros Occidental	185.5	184.1	215.6	340.3	81.0	507.0	145.7	110.5	144.7	169.1
Central Visayas	282.4	389.4	413.1	262.2	258.9	253.1	266.3	235.5	179.8	208.9
Bohol	4.0	1.2	58.0	13.6	0.6	1.5	2.5	10.0	1.3	7.0
Cebu	270.9	377.2	345.2	240.0	240.0	215.0	204.9	157.5	154.8	178.6
Negros Oriental	7.5	11.0	9.9	8.6	18.4	36.6	58.8	68.0	23.7	23.3
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	577.7	534.0	628.6	387.2	823.3	616.6	622.5	171.1	68.0	70.9
Biliran	23.5	18.5	28.9	13.1	5.1	5.7	3.8	3.0	2.9	2.7
Eastern Samar	406.2	341.1	377.7	90.1	..	..	..	..	..	..
Leyte	73.5	82.7	121.3	191.0	732.7	528.6	537.3	92.0	..	8.0
Northern Samar	13.4	24.5	42.1	43.9	49.0	44.7	46.0	41.8	36.4	32.1
Southern Leyte	26.1	22.7	21.2	25.5	..	..	..	..	..	..
Samar	35.0	44.6	37.4	23.5	36.5	37.6	35.4	34.4	28.7	28.1
Zamboanga Peninsula	616.0	756.3	668.2	447.4	902.6	371.8	305.8	319.2	342.9	572.1
Zamboanga del Norte	60.5	48.5	47.9	40.3	..	..	2.7	..	..	..
Zamboanga del Sur	235.0	350.2	281.0	96.9	75.3	95.6	81.6	86.3	96.3	114.0
Zamboanga City	190.6	108.8	71.4	116.4	458.6	148.2	108.2	109.2	116.2	324.5
Zamboanga Sibugay	129.9	248.7	267.9	193.8	368.7	128.1	113.3	123.8	130.5	133.5
Northern Mindanao	114.9	246.7	333.1	448.4	400.6	200.9	176.9	290.1	270.0	259.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	114.1	246.1	332.6	448.4	400.6	198.1	176.9	290.0	270.0	259.3
Misamis Occidental	0.6	0.7	0.5	..	..	..	..	..	..	..
Misamis Oriental	0.1	..	..	..	..	2.8	..	0.1	..	..
Davao Region	10.3	5.6	2.4.13	2.0	0.7	1.0	..	2.2	24.3	11.2
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	9.3	3.6	0.7	..	..	..	..	0.7	24.3	11.2
Davao City	0.9	2.1	1.7	2.0	0.7	1.0	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	1.5	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	8.3	27.6	48.6	17.0	10.1	24.3	19.5	16.8	25.4	16.0
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	7.3	..	..	..	0.8	..	..	..	..	..
South Cotabato	1.0	27.6	48.6	17.0	9.3	24.3	19.5	16.8	25.4	16.0
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	16.3	18.6	17.3	36.5	37.8	64.1	57.4	26.8	32.7	29.4
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	15.3	15.2	17.3	36.5	37.8	60.1	55.2	24.7	24.3	20.8
Surigao del Sur	1.0	3.3	..	..	..	4.1	2.2	2.2	8.4	8.6
ARMM	180.3	492.3	465.5	501.5	517.9	520.4	517.2	532.9	566.5	586.4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	22.7	28.1	29.9	32.1	32.1	31.9	34.4	44.4	46.2
Maguindanao	8.6	0.9	10.2	12.6	14.1	13.9	12.6	13.6	14.2	10.6
Sulu	171.8	445.1	394.8	427.6	436.3	440.1	441.1	446.7	472.4	488.7
Tawi-tawi	..	23.6	32.4.14	31.4	35.3	34.3	31.6	38.3	35.5	40.8

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Crevalle (Salay-salay)										
Philippines	**14,328.9**	**13,586.8**	**12,330.9**	**13,138.1**	**12,064.7**	**10,689.1**	**10,185.0**	**9,952.2**	**9,790.9**	**11,178.4**
NCR	154.2	164.4	83.6	211.8	139.9	60.9	38.4	80.7	96.9	80.0
Metro Manila	154.2	164.4	83.6	211.8	139.9	60.9	38.4	80.7	96.9	80.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	170.1	217.2	185.2	130.8	81.1	46.2	40.2	49.3	60.7	59.1
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	56.9	45.3	47.5	51.3	44.8	18.3	14.6	19.4	19.9	20.1
Pangasinan	113.2	171.9	137.7	79.5	36.3	27.9	25.7	29.9	40.8	38.9
Cagayan Valley	7.4	12.6	14.5	51.0	126.0	125.9	132.9	158.0	159.7	152.6
Cagayan	7.4	12.6	14.5	51.0	126.0	125.9	132.9	158.0	159.7	152.6
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	253.7	269.7	231.8	131.4	6.9	13.4	22.9	22.3	24.8	35.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	232.4.18	263.6	222.7	126.7	..	..	..	..	2.0	1.3
Bulacan	16.5	0.9	1.0	0.7	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	4.7	5.2	8.1	4.0	6.9	13.4	22.9	22.3	22.8	34.6
CALABARZON	143.5	195.7	267.4	256.3	224.5	235.4	125.8	96.5	478.5	234.7
Batangas	41.8	29.3	..	..	..	2.6	7.6	..	0.7	5.2
Cavite	93.8	62.6	89.8	134.6	111.5	150.1	67.4	23.3	15.7	71.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	7.9	103.9	177.6	121.8	113.1	82.7	50.9	73.2	462.1	157.6
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	959.6	879.0	1,048.5	862.6	1,176.1	1,155.4	1,150.0	1,345.0	1,410.8	1,193.5
Marinduque	9.2	5.8	0.3	..	..	..	..	3.6	..	..
Occidental Mindoro	81.6	95.8	96.4	80.7	87.3	80.7	82.6	82.5	85.3	86.8
Oriental Mindoro	14.0	19.1	18.8	19.1	18.9	18.8	17.3	17.5	19.2	19.5
Palawan	854.7	758.0	933.0	762.8	1,069.9	1,055.5	1,050.1	1,241.3	1,306.2	1,087.3
Romblon	..	0.3	..	..	..	0.4	..	..	..	..
Bicol Region	159.0	289.8	397.9	430.3	459.4	492.3	510.9	520.5	459.7	291.3
Albay	..	51.5	93.2	112.8	116.0	157.2	168.3	181.4	113.5	120.5
Camarines Norte	65.0	77.5	66.6	77.1	95.2	87.2	88.7	98.9	98.6	32.2
Camarines Sur	39.0	47.0	111.1	92.0	90.0	89.6	106.0	96.3	96.0	82.5
Catanduanes	..	3.8	..	..	..	..	..	..	..	..
Masbate	45.0	74.0	92.1	115.7	151.5	158.3	147.8	123.9	114.7	55.9
Sorsogon	10.0	36.0	34.9	32.8	6.7	..	..	20.1	37.0	0.2
Western Visayas	9,049.1	7,741.2	6,970.1	7,190.4	6,428.0	5,940.3	5,477.2	4,536.7	4,631.2	3,806.0
Aklan	74.7	52.7	27.5	26.4	22.4.11	22.5	24.0	21.9	20.7	18.4
Antique	4.1	9.1	8.0	7.3	12.2	10.8	9.8	15.0	29.6	29.6
Capiz	821.3	880.3	888.7	915.6	860.0	847.0	696.0	580.5	40.4	96.2
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	6,617.1	5,416.5	4,692.8	4,768.5	3,615.0	3,515.0	3,121.9	2,883.2	3,095.2	2,438.7
Negros Occidental	1,531.8	1,382.7	1,353.1	1,472.7	1,918.4	1,545.1	1,625.6	1,036.1	1,445.3	1,223.1
Central Visayas	630.6	620.9	651.1	567.3	474.8	473.5	504.7	1,198.4	908.7	1,187.2
Bohol	..	..	55.0	20.0	..	..	..	..	..	..
Cebu	625.9	612.9	590.2	541.3	469.0	465.5	497.4	1,192.4	901.8	1,181.3
Negros Oriental	4.8	8.0	5.9	6.0	5.8	8.0	7.3	6.0	6.9	5.9
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	228.0	267.7	293.2	183.9	146.3	147.7	136.6	186.0	157.5	148.9
Biliran	31.1	21.1	52.8	23.5	6.6	0.4	0.0	0.0	0.0	0.0
Eastern Samar	83.9	92.3	101.8	..	..	..	..	..	..	..
Leyte	28.0	50.5	70.8	100.1	14.9	12.8	4.2	18.9	16.4	15.2
Northern Samar	9.1	15.1	29.4	31.8	81.9	101.4	103.7	105.5	95.5	92.4
Southern Leyte	25.9	11.3	..	7.1	..	..	..	..	..	..
Samar	50.0	77.5	38.3	21.3	42.9	33.2	28.7	61.5	45.6	41.2
Zamboanga Peninsula	2,017.6	1,421.9	1,223.4	2,289.7	1,837.1	1,131.9	1,269.4	984.5	583.4	3,103.2
Zamboanga del Norte	20.9	23.2	26.2	9.4	..	..	..	..	..	..
Zamboanga del Sur	702.3	1,010.6	479.8	1,216.0	858.7	402.1	547.0	370.6	445.5	547.2
Zamboanga City	623.4	146.0	232.9	623.5	320.7	477.3	539.1	492.9	49.6	2,441.1
Zamboanga Sibugay	671.0	242.3	484.6	440.8	657.6	252.4.19	183.3	121.0	88.3	114.9
Northern Mindanao	75.0	241.5	318.9	220.2	333.4	218.8	182.8	178.9	201.2	220.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	1.7	..	..	..	..	..	..	..	..	..
Lanao del Norte	73.4	241.5	318.9	220.2	333.4	218.6	182.8	176.7	201.2	220.1
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	0.2	..	2.2	..	..
Davao Region	44.7	16.0	15.3	67.2	88.9	90.0	51.1	23.5	10.2	9.6
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	..	0.1	..	..	..
Davao City	0.6	..	..	0.6	..	..	..	..	..	..
Davao Oriental	44.1	16.0	15.3	66.5	88.9	90.0	51.0	23.5	10.2	9.6
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	1.0	..	2.4	6.4	1.8	7.6	2.0	0.6	5.1	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1.0	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	2.4	6.4	1.8	7.6	2.0	0.6	5.1	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	56.0	53.4	26.9	48.6	23.5	23.4	14.3	16.7	16.4	14.0
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	54.0	47.3	26.9	48.6	23.5	22.6	14.3	16.7	16.4	14.0
Surigao del Sur	2.0	6.1	..	..	..	0.8	..	..	..	..
ARMM	379.5	1,195.8	600.9	490.5	517.0	526.5	525.8	554.5	586.0	642.4.12
Basilan	124.0	109.6	99.0	104.0	107.0	114.4	108.9	122.4	138.0	144.8
Lanao del Sur	1.5	1.3	4.6	4.7	5.1	5.2	5.1	13.2	12.3	42.2
Maguindanao	33.9	1.4	7.1	5.9	9.0	7.5	6.4	6.2	5.4	4.4
Sulu	220.2	1,077.3	466.9	354.0	371.7	374.3	380.4	382.7	395.5	412.2
Tawi-tawi	..	6.2	23.3	22.0	24.1	25.1	24.9	30.0	34.9	38.9

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Eastern Little Tuna (Bonito)										
Philippines	**52,440.1**	**47,723.9**	**38,418.4**	**34,634.5**	**23,102.8**	**21,494.6**	**21,650.3**	**22,178.9**	**20,985.0**	**20,184.5**
NCR	93.1	182.9	35.9	49.6	42.4	67.8	134.6	585.3	135.6	358.2
Metro Manila	93.1	182.9	35.9	49.6	42.4	67.8	134.6	585.3	135.6	358.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	67.1	99.1	86.9	51.2	31.3	5.6	7.3	16.9	11.7	18.5
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1.1	..	..	..	..	1.6	1.3	1.0	1.0	1.1
Pangasinan	66.0	99.1	86.9	51.2	31.3	4.0	6.0	16.0	10.7	17.4
Cagayan Valley	553.0	605.0	533.9	699.3	666.4	542.1	399.4	424.1	426.1	421.3
Cagayan	553.0	605.0	533.9	699.3	666.4	542.1	399.4	424.1	426.1	421.3
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	146.7	182.4.16	83.5	28.8	282.0	162.6	45.4	181.7	147.1	106.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	146.7	182.4.16	83.5	28.8	282.0	162.6	45.4	181.7	147.1	106.3
CALABARZON	23.7	127.9	182.8	223.0	133.7	3.7	6.1	3.2	16.1	20.4
Batangas	..	..	..	..	..	..	..	..	1.6	..
Cavite	15.3	9.0	1.0	..	..	3.4	6.1	3.2	14.6	10.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	8.4	118.9	181.8	223.0	133.7	0.4	..	..	..	10.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	72.7	169.4	136.5	237.7	329.3	323.4	353.8	356.6	449.5	402.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	108.0	183.3	180.7	181.7	182.9	198.3	208.8
Oriental Mindoro	2.0	3.5	3.2	2.7	2.3	2.0	2.3	6.0	7.5	31.2
Palawan	69.5	163.5	122.6	122.9	139.9	140.6	169.9	167.8	220.3	156.4
Romblon	1.2	2.4.12	10.7	4.2	3.9	..	..	..	23.4	6.4
Bicol Region	189.0	169.3	306.2	588.3	641.0	549.7	578.6	441.9	439.9	429.1
Albay	189.0	163.3	297.2	581.7	638.7	549.7	578.6	441.9	439.9	429.1
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	6.0	9.0	6.3	1.8	..	..	..	..	..
Sorsogon	..	..	..	0.3	0.5	..	..	..	..	..
Western Visayas	7,662.8	6,743.0	465.4	1,685.0	1,554.5	697.0	403.3	376.7	327.6	345.0
Aklan	57.5	91.5	41.2	35.2	28.6	27.3	33.1	37.1	39.9	36.0
Antique	1,715.6	1,480.7	39.0	40.5	50.0	33.3	22.0	25.7	30.6	37.6
Capiz	1.0	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	5,677.8	4,941.0	195.2	1,568.0	1,383.0	576.7	312.8	274.5	169.3	217.9
Negros Occidental	210.9	229.7	190.1	41.4	93.0	59.8	35.4	39.4	87.8	53.5
Central Visayas	880.8	1,887.6	1,865.9	1,572.9	1,254.9	880.7	825.6	703.0	545.0	411.0
Bohol	4.0	1.4	15.1	26.7	24.8	1.5	3.1	..	..	..
Cebu	352.7	901.7	745.4	598.6	695.8	442.0	422.0	403.0	317.0	204.0
Negros Oriental	524.2	984.5	1,105.4	947.6	534.3	437.2	400.5	300.0	228.0	207.0
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	840.0	941.2	999.9	900.1	708.9	673.4	799.8	549.8	487.7	332.9
Biliran	12.2	10.3	6.0	35.2	12.3	12.3	7.6	7.4	7.1	6.7
Eastern Samar	82.7	117.0	115.3	..	..	..	..	..	..	..
Leyte	575.0	599.0	566.3	601.0	406.9	372.3	534.3	232.6	161.3	..
Northern Samar	108.5	83.5	134.0	141.4	122.0	134.2	117.9	131.9	134.8	144.1
Southern Leyte	49.6	89.5	112.8	83.3	167.7	154.4	140.0	173.0	184.5	182.1
Samar	12.0	42.0	65.5	39.2	..	..	..	4.9	..	..
Zamboanga Peninsula	18,309.9	14,196.4	20,215.6	16,802.9	5,472.0	5,889.8	5,021.8	6,126.2	6,046.0	5,543.8
Zamboanga del Norte	5,593.2	1,439.7	1,342.6	726.3	1,167.5	1,009.9	507.0	708.5	530.9	582.6
Zamboanga del Sur	3,613.0	4,795.8	4,425.7	2,542.8	1,544.0	2,115.1	2,816.8	3,538.9	4,009.1	4,383.2
Zamboanga City	9,082.1	7,850.3	14,306.4	13,303.6	2,637.4	2,740.4	1,650.7	1,831.6	1,446.3	508.6
Zamboanga Sibugay	21.6	110.7	141.0	230.3	123.1	24.5	47.3	47.2	59.8	69.4
Northern Mindanao	5,459.2	3,726.1	3,022.2	2,358.6	1,742.6	1,358.4	1,387.5	1,028.2	1,066.3	1,006.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	0.5	4.0	..	..	..	..	0.9	..	..
Lanao del Norte	2,122.5	962.8	710.6	1,090.7	721.1	560.6	592.6	261.3	302.3	290.4
Misamis Occidental	1,180.0	1,159.9	1,197.2	1,096.8	1,021.6	793.5	794.9	766.0	761.0	715.0
Misamis Oriental	2,156.7	1,602.9	1,110.3	171.1	..	4.2	..	..	3.0	1.3
Davao Region	237.9	382.4	471.2	177.8	220.1	132.2	236.3	175.3	253.7	176.3
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	3.8	4.0	..	..	..	5.1	5.0	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	237.9	382.4	467.4	173.8	220.1	132.2	236.3	170.2	248.7	176.3
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	9,730.0	10,558.6	1,300.5	378.0	581.3	476.3	1,512.3	1,087.2	708.8	102.0
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	78.0	..	9.6	2.4.15	1.4	9.6	6.0	16.3	3.3	..
South Cotabato	9,370.9	10,295.7	1,042.6	127.4	332.3	219.2	1,276.8	847.3	481.5	8.5
Sultan Kudarat	281.0	262.9	248.4	248.2	247.5	247.4	229.5	223.7	224.0	93.6
Caraga	56.9	20.8	19.0	27.8	28.0	190.6	102.1	75.6	82.9	124.8
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	6.9	6.0	4.9	24.0	28.0	28.4	38.1	33.4	39.4	95.2
Surigao del Sur	50.0	14.8	14.1	3.8	..	162.2	64.0	42.1	43.5	29.7
ARMM	8,117.3	7,731.8	8,693.1	8,853.5	9,414.5	9,541.5	9,836.5	10,047.3	9,841.0	10,385.6
Basilan	217.2	231.2	280.3	270.1	274.7	306.9	307.2	315.9	324.9	344.7
Lanao del Sur	13.5	3.7	4.1	6.7	6.9	7.3	7.2	14.1	12.0	36.0
Maguindanao	13.6	1.8	7.0	7.4	7.8	8.9	8.4	7.4	6.8	1.8
Sulu	7,873.0	7,485.4	8,380.9	8,551.3	9,105.0	9,199.4	9,490.9	9,682.0	9,467.5	9,968.8
Tawi-tawi	..	9.7	20.8	18.0	20.2	19.1	22.8	27.9	29.9	34.2

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Fimbriated Sardines (Tunsoy)										
Philippines	**47,907.1**	**52,104.7**	**66,372.2**	**75,607.6**	**55,176.0**	**51,670.0**	**48,440.8**	**47,780.3**	**53,285.3**	**43,114.4**
NCR	367.3	402.0	328.8	172.4	150.3	557.4	1,490.7	1,631.4	1,580.5	1,649.6
Metro Manila	367.3	402.0	328.8	172.4	150.3	557.4	1,490.7	1,631.4	1,580.5	1,649.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	48.7	67.8	68.9	55.1	9.1	35.3	19.9	17.0	14.2	14.3
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	2.1	1.7	5.3	6.5	6.6	4.7	5.7	4.4	4.5	4.4
Pangasinan	46.6	66.1	63.6	48.6	2.4.19	30.6	14.3	12.7	9.7	10.0
Cagayan Valley	388.0	431.5	365.4	350.1	390.5	403.0	258.6	302.3	282.4	283.1
Cagayan	388.0	431.5	365.4	350.1	390.5	403.0	258.6	302.3	282.4	283.1
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	770.3	762.7	880.5	423.8	40.0	52.5	30.3	35.4	3,398.3	2,462.6
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	671.2	687.5	805.5	362.9	..	..	..	..	3,358.7	2,424.9
Bulacan	96.0	72.2	74.0	60.9	40.0	52.5	30.3	35.4	39.6	37.7
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	3.1	3.0	1.0	..	..	..	..	..	..	..
CALABARZON	684.0	1,225.9	3,152.3	2,830.6	2,397.3	2,761.4	2,611.6	2,457.2	5,437.5	5,649.4
Batangas	..	..	..	..	..	..	..	..	0.9	..
Cavite	317.4	149.4	89.4	55.8	87.0	125.9	562.5	557.1	634.2	596.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	366.6	1,076.5	3,062.9	2,774.8	2,310.3	2,635.6	2,049.0	1,900.2	4802.4.14	5,053.0
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,009.0	2,658.7	1,713.1	1,861.6	1,864.6	1,645.9	1,414.3	1,534.0	1,469.5	1,435.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	229.0	235.7	251.6	215.7	234.3	222.3	214.5	213.9	215.9	216.7
Oriental Mindoro	30.0	38.0	36.5	35.6	29.9	25.0	23.9	26.3	51.2	85.1
Palawan	2,750.0	2,385.0	1,425.0	1,601.2	1,600.4	1,398.6	1,175.9	1,293.9	1,202.3	1,133.9
Romblon	..	..	..	9.1	..	..	..	..	..	..
Bicol Region	17,102.8	16,393.3	15,316.0	17,170.9	17,816.0	17,471.1	17,418.6	16,921.9	16,164.6	14,812.7
Albay	398.0	573.0	695.3	642.7	859.9	737.0	845.0	635.8	636.4	597.8
Camarines Norte	522.0	485.1	403.4	396.0	399.7	374.2	383.1	395.6	399.1	233.4
Camarines Sur	8,125.4	8362.4.18	6,969.7	8,950.5	9,958.8	10,093.1	9,891.9	9,639.2	9,405.9	8,265.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	2,015.0	2512.4.15	2,697.6	2,710.4	2,848.3	2,832.0	2,832.1	2,992.7	2,948.9	2,604.0
Sorsogon	6042.4.18	4,460.3	4,549.9	4,471.4	3,749.3	3,434.8	3,466.6	3,258.5	2,774.2	3112.4.1
Western Visayas	8,314.2	8,776.0	9,230.9	10,718.5	8,651.3	7,492.2	6,887.3	4,740.6	9,996.2	3,031.9
Aklan	0.5	..	11.8	11.9	15.7	14.1	15.1	15.8	23.3	28.8
Antique	6.8	7.2	2.9	0.3	..	..	..	..	..	..
Capiz	3,432.0	3,614.0	3,841.6	3,216.4	3,622.7	3,707.0	3,928.0	2,907.0	8,622.3	1,726.6
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,757.9	2,347.1	2,559.8	4,344.0	2,561.5	2,128.9	1,294.1	961.4	823.0	744.9
Negros Occidental	3,117.0	2,807.7	2,814.8	3,145.9	2,451.4	1,642.3	1,650.2	856.3	527.6	531.6
Central Visayas	5,847.8	6,528.9	6,296.5	4,896.9	4,461.0	4,568.7	3,316.9	2322.4.19	1,707.1	1,901.0
Bohol	168.0	131.2	205.0	206.9	21.4	17.4	13.8	6.0	5.6	23.0
Cebu	4,980.5	5,644.6	5,415.6	4,191.5	3,935.6	4,030.6	2,766.8	1,818.5	891.1	1,212.6
Negros Oriental	699.3	753.1	675.9	498.5	504.0	520.7	536.3	498.0	810.3	665.5
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	2,636.2	4,555.9	4,680.0	3,579.0	3,279.3	3,210.5	2,697.8	1,761.2	1,012.4	1,079.5
Biliran	30.0	2.1	5.3	4.3	10.0	4.2	2.3	2.3	1.4	1.2
Eastern Samar	197.8	212.4	214.3	..	..	..	..	..	..	..
Leyte	1,084.8	1,152.8	950.5	804.5	394.2	375.0	277.9	268.0	6.3	1.2
Northern Samar	97.4	121.4	112.2	109.7	95.6	97.6	158.4	167.0	175.6	193.2
Southern Leyte	584.3	2,344.7	2,708.2	2,220.5	2,210.0	1,944.9	1,489.7	860.4	540.1	513.3
Samar	641.9	722.5	689.6	439.9	569.4	788.8	769.5	463.5	289.1	370.6
Zamboanga Peninsula	4,365.2	5,824.9	19,744.2	27,931.5	9,090.3	6,406.0	5,777.9	9,414.7	5,713.8	3,930.5
Zamboanga del Norte	3,247.0	3,826.2	3,718.2	2,635.2	3,262.0	2,975.9	3,190.9	3,500.0	2,570.3	2,731.5
Zamboanga del Sur	831.1	974.9	2,584.2	890.7	689.5	518.1	611.5	896.6	1,037.9	1,077.5
Zamboanga City	228.2	1,012.8	13,425.6	24,397.5	5,121.6	2,828.9	1,929.5	4,987.3	1,988.9	85.0
Zamboanga Sibugay	58.8	11.1	16.2	8.1	17.1	83.1	46.0	30.9	116.7	36.4
Northern Mindanao	516.0	742.2	872.0	1,440.1	2,754.8	2,747.8	2,611.2	2,822.7	2,576.2	2,585.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	9.8	..	..	..	..
Misamis Occidental	516.0	742.2	872.0	1,218.1	2,754.8	2,738.0	2,611.2	2,822.7	2,576.2	2,585.5
Misamis Oriental	..	..	..	222.0	..	..	..	..	..	..
Davao Region	515.8	..	..	3.5	..	..	..	..	45.9	10.0
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	512.1	..	..	..	..	..	..	..	45.9	10.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	3.7	..	..	3.5	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	..	..	5.2	42.3	51.7	9.3	99.3	436.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	5.2	42.3	51.7	9.3	99.3	436.9
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	255.8	265.7	257.3	263.1	251.9	254.9	243.9	202.1	154.5	206.0
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	238.8	254.6	257.3	263.1	251.9	254.9	243.9	202.1	154.5	206.0
Surigao del Sur	17.0	11.0	..	..	..	..	..	..	..	..
ARMM	3,085.9	3,469.2	3,466.4	3,910.3	4,014.4	4,021.1	3,610.1	3,608.1	3,633.2	3,625.8
Basilan	2,076.5	2,439.0	2,370.0	2,836.0	2,966.4	2,985.8	2,570.8	2,569.8	2,571.6	2,562.0
Lanao del Sur	1.9	9.8	6.1	6.2	6.4	6.5	6.3	16.2	12.0	32.8
Maguindanao	0.1	1.1	6.8	7.7	6.9	4.1	..	..	..	2.1
Sulu	1,007.5	1,008.9	1,056.6	1,034.3	1,006.7	996.7	1,006.6	987.1	1,018.9	995.5
Tawi-tawi	..	10.4	27.0	26.1	27.9	28.0	26.4	35.0	30.7	33.4

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Flying Fish (Bolador)										
Philippines	**8,910.1**	**8,203.4**	**8,366.7**	**6,923.5**	**6,260.5**	**4,546.1**	**3,724.7**	**3,038.2**	**2,400.7**	**2,937.1**
NCR	..	..	7.7	..	2.2	..	..	..	..	5.4
Metro Manila	..	..	7.7	..	2.2	..	..	..	..	5.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	..	..	..	..	..	..	..	7.7	8.4	5.5
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	7.7	8.4	5.5
Cagayan Valley	10.9	13.4	22.6	27.0	34.5	29.5	26.8	22.3	29.5	35.0
Cagayan	10.9	13.4	22.6	27.0	34.5	29.5	26.8	22.3	29.5	35.0
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1.1	1.2	0.8	1.1	0.8	0.1	..	..	..	..
Aurora	1.1	1.2	0.8	1.1	0.8	0.1	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	3.2	0.7	..	10.1	3.8	..	2.8	13.3	32.4.15	0.2
Batangas	..	..	..	..	..	..	..	..	12.5	..
Cavite	..	..	..	..	..	..	..	11.7	12.4.17	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	3.2	0.7	..	10.1	3.8	..	2.8	1.6	7.5	0.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	20.9	47.0	39.3	38.1	50.6	65.1	85.2	64.1	73.3	76.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	1.3	5.7	6.6	7.6	10.2	9.5	9.0	9.5	9.3	9.3
Oriental Mindoro	11.0	11.4	10.9	11.8	10.0	9.9	..	..	..	..
Palawan	8.7	8.9	21.8	18.7	30.5	45.7	76.2	54.7	64.0	67.3
Romblon	..	21.0	..	..	..	..	..	..	..	..
Bicol Region	50.9	17.5	125.1	155.1	143.1	181.8	275.0	270.8	265.6	343.5
Albay	..	..	..	..	..	0.4	2.3	1.5	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	3.0	2.0	92.0	45.0	33.4	29.4	33.4	28.0	25.0	18.2
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	16.0	6.0	5.3	5.5	..	..	..	..	..	..
Sorsogon	31.9	9.5	27.8	104.6	109.6	152.0	239.3	241.3	240.6	325.3
Western Visayas	20.5	59.3	144.5	131.6	21.8	27.4	27.0	21.5	21.0	24.9
Aklan	14.7	43.3	22.3	11.8	16.4	14.3	16.4	14.5	13.4	15.9
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	5.7	16.0	122.2	119.8	1.0	2.7	6.4	0.9	0.4	..
Negros Occidental	..	..	..	..	4.5	10.3	4.2	6.1	7.3	9.0
Central Visayas	1,262.4	337.6	322.3	212.8	510.9	294.0	178.2	325.4	522.2	449.7
Bohol	4.0	4.3	38.8	18.8	3.6	..	..	..	112.7	108.1
Cebu	1,101.0	115.0	93.2	122.0	459.3	271.3	164.8	312.9	399.4	340.6
Negros Oriental	157.3	218.3	190.3	71.9	48.0	22.8	13.4	12.5	10.1	1.0
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	6,209.5	6,219.2	6,481.9	4,911.5	3,687.4	2,460.0	1,622.9	889.5	373.2	534.4
Biliran	15.8	30.3	41.8	14.9	9.6	0.0	..	..	..	..
Eastern Samar	749.3	602.2	631.9	192.4	..	..	..	..	..	..
Leyte	5,417.3	5,533.2	5,756.0	4,673.1	3,599.5	2,386.0	1,550.2	817.1	303.9	465.6
Northern Samar	3.5	17.2	24.8	31.3	78.3	74.0	72.7	72.4.11	69.3	68.7
Southern Leyte	19.6	24.4	19.9	..	..	..	..	..	..	..
Samar	4.0	12.0	7.6	..	..	..	..	..	..	..
Zamboanga Peninsula	146.5	136.3	70.1	213.4	271.8	168.2	157.0	144.3	4.9	140.4
Zamboanga del Norte	83.0	23.9	14.7	15.8	..	..	0.1	..	..	..
Zamboanga del Sur	49.4	108.1	43.4	193.3	270.0	20.6	..	..	..	..
Zamboanga City	11.5	..	2.2	4.0	..	147.6	156.9	144.3	4.9	140.4
Zamboanga Sibugay	2.5	4.2	9.7	0.2	1.8	..	..	..	..	..
Northern Mindanao	10.1	90.5	349.3	438.2	590.2	529.1	476.0	470.8	469.2	457.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	10.1	90.5	349.3	437.7	590.2	529.1	476.0	470.4	469.2	455.8
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	0.5	..	..	..	0.5	..	1.9
Davao Region	77.2	65.8	..	..	0.4	..	3.4	..	2.1	19.6
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	68.0	65.8	..	..	0.4	..	3.4	..	2.1	19.6
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	9.2	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	1,008.5	1,142.3	752.0	751.6	915.2	736.2	856.3	780.8	560.7	788.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	38.8	..	13.0	3.1	28.0	23.9	38.6	38.5	24.4	16.9
South Cotabato	861.7	1,049.1	647.1	657.3	797.9	628.0	746.7	662.4.18	478.0	725.8
Sultan Kudarat	108.0	93.2	91.9	91.2	89.3	84.3	71.1	79.8	58.3	45.6
Caraga	87.7	65.8	45.5	26.9	23.6	44.8	8.3	20.7	32.5	45.5
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	86.7	65.8	45.5	26.9	23.6	44.8	8.3	20.7	30.8	45.5
Surigao del Sur	1.0	..	..	..	..	..	..	..	1.8	..
ARMM	0.9	7.1	5.8	6.2	4.3	10.0	5.8	7.2	5.7	10.6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	4.9
Maguindanao	0.9	0.8	5.8	6.2	4.3	..	..	..	..	..
Sulu	..	6.3	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	10.0	5.8	7.2	5.7	5.7

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Frigate Tuna (Tulingan)										
Philippines	**111,674.8**	**123,636.5**	**88,244.3**	**81,492.6**	**80,621.7**	**70,462.1**	**72,572.6**	**73,647.2**	**74,973.6**	**78,859.5**
NCR	6,805.0	7,476.0	4,448.4	2,491.6	5,854.3	3,716.3	3,827.7	5,490.7	6,144.3	9,822.9
Metro Manila	6,805.0	7,476.0	4,448.4	2,491.6	5,854.3	3,716.3	3,827.7	5,490.7	6,144.3	9,822.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	48.1	44.6	59.9	39.6	9.8	13.5	13.3	23.1	24.1	41.1
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	1.5	..	5.0	..	0.7	0.8	0.8	0.7	0.7	0.6
La Union	3.0	2.5	6.0	9.0	6.4	6.4	5.9	5.0	5.2	2.9
Pangasinan	43.6	42.1	48.9	30.6	2.7	6.4	6.6	17.3	18.3	37.6
Cagayan Valley	3,166.8	3,220.6	2,171.5	1,532.7	1,226.9	1,161.4	853.8	825.1	899.4	1,058.6
Cagayan	3,166.8	3,220.6	2,171.5	1,532.7	1,226.9	1,161.4	853.8	825.1	899.4	1,058.6
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	457.9	448.0	336.1	556.4	448.6	494.5	292.7	273.1	323.3	280.6
Aurora	16.5	36.8	33.7	87.7	59.8	49.3	44.6	47.1	47.8	20.8
Bataan	27.8	25.0	5.2	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	413.6	386.2	297.3	468.7	388.9	445.2	248.1	226.0	275.5	259.9
CALABARZON	6,320.4	8,958.1	11,695.9	11,891.3	10,505.9	8,616.8	11,327.1	10,958.3	11,700.8	11,420.3
Batangas	565.4	512.9	575.9	652.4.14	610.7	606.6	506.4	791.1	662.1	559.2
Cavite	196.9	318.9	285.9	220.7	328.7	133.6	166.6	187.0	255.6	401.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	5,558.1	8,126.4	10,834.0	11,018.1	9,566.5	7,876.6	10,654.1	9,980.2	10,783.1	10,459.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,304.5	3,024.8	3,699.1	4,183.3	3,627.6	3,124.3	3,150.3	2,969.8	3,003.8	2,674.2
Marinduque	39.9	45.9	38.5	31.1	28.6	10.9	9.6	15.6	17.2	16.9
Occidental Mindoro	562.4.1	602.1	606.4	540.8	542.0	516.6	516.8	518.6	545.6	585.5
Oriental Mindoro	198.0	206.4	200.1	215.1	240.4	249.4	251.3	284.5	297.7	312.8
Palawan	2,465.0	2,155.4	2,847.2	3,358.4	2,789.1	2,328.0	2,347.1	2,110.7	2,106.1	1,727.5
Romblon	39.2	15.1	6.9	38.0	27.5	19.5	25.4	40.4	37.3	31.5
Bicol Region	2,818.8	3,553.5	3,161.9	3,853.5	3,642.0	3,578.1	3,655.5	4,014.9	4,234.5	3,905.8
Albay	403.0	563.2	597.3	639.9	712.3	715.1	806.6	1,106.2	1,248.4	1,219.0
Camarines Norte	166.0	196.3	189.8	271.4	284.9	275.1	281.2	302.7	311.0	352.1
Camarines Sur	1,320.6	1,482.5	1,313.5	1,988.6	2,150.6	2,264.1	2,247.8	2,216.7	2,270.0	2,186.6
Catanduanes	..	171.1	105.8	95.7	55.2	53.6	51.6	54.8	58.2	52.5
Masbate	765.0	898.6	784.6	743.2	379.6	242.2	223.2	153.7	133.5	26.4
Sorsogon	164.2	241.8	171.0	114.8	59.4	28.1	45.2	180.9	213.4	69.2
Western Visayas	2,012.8	1,937.0	1,983.5	2,397.2	2,181.0	1,350.5	1,213.4	2,131.6	1,850.5	2,549.5
Aklan	48.8	66.3	43.4	69.0	81.6	76.0	76.1	82.8	86.2	86.4
Antique	396.4	308.4	361.7	612.6	1,037.9	294.3	247.4	264.9	258.6	255.9
Capiz	313.9	350.4	324.9	361.3	316.4	279.0	131.0	72.5	13.8	22.2
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	806.0	781.6	859.7	1,211.4	697.4	629.2	718.1	1,660.4	1,467.7	1,953.2
Negros Occidental	447.7	430.3	393.8	143.0	47.8	72.1	40.8	51.0	24.3	231.8
Central Visayas	7,147.8	10,160.7	7,042.1	6,667.6	5,385.6	4,340.6	3,970.1	3,918.4	2,771.7	2,539.8
Bohol	908.0	1,286.4	501.4	262.4	298.3	95.0	20.3	2.6	20.5	1.7
Cebu	5582.4.11	7,854.7	5,593.0	5,296.9	4,011.0	3,602.7	3,437.6	3,429.2	2,373.6	2,195.4
Negros Oriental	645.7	996.6	947.8	1,108.3	1,076.3	642.9	512.2	486.7	377.6	342.7
Siquijor	11.7	23.0	.	.	.	.	.	.	.	.
Eastern Visayas	3,482.6	3,812.8	4,155.3	3,975.5	4,146.3	4,532.8	3,457.1	3,427.9	2,645.4	2,424.3
Biliran	240.0	277.4	346.2	112.9	114.7	82.2	57.6	83.2	101.3	77.1
Eastern Samar	639.6	572.1	701.4	846.1	1,274.9	1,661.5	1,682.1	1,592.8	1,169.5	971.0
Leyte	1,470.5	1,635.9	1,867.2	2,102.0	2,054.2	2,203.5	1,100.4	1,024.7	644.2	657.9
Northern Samar	157.0	180.4	252.8	249.8	220.0	213.6	222.1	237.1	249.5	258.0
Southern Leyte	450.6	633.4	580.8	364.1	318.0	285.6	264.0	293.7	302.2	305.3
Samar	524.9	513.6	407.0	300.6	164.5	86.4	130.9	196.5	178.7	155.0
Zamboanga Peninsula	15,059.5	16,385.6	13,618.8	10,423.9	12,394.0	10,350.5	8,924.9	9,507.7	10,260.1	11,451.3
Zamboanga del Norte	1,356.3	4,300.4	2,568.0	2,220.7	2,225.2	2,212.4	1,488.5	1,193.1	930.5	1,257.8
Zamboanga del Sur	8,049.2	7,905.8	8,191.3	5,688.1	5,981.7	6,525.5	5,585.0	5,642.9	6,171.0	5,822.8
Zamboanga City	5,448.8	4,041.5	2,553.8	2,279.4	3,697.0	1,494.7	1,754.2	2,623.4	3,135.3	4,338.1
Zamboanga Sibugay	205.4	137.9	305.6	235.8	490.1	117.9	97.3	48.2	23.3	32.7
Northern Mindanao	7,342.0	9,260.0	9,152.3	11,619.9	5,813.5	7,528.9	6,275.9	5,600.4	5,253.1	5,301.8
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	14.2	22.3	5.0	128.7	127.0	149.9	122.0	120.3	89.2	98.6
Lanao del Norte	779.6	789.6	595.0	2,274.2	764.6	2,769.6	2,093.8	1,624.3	1,409.9	1,396.7
Misamis Occidental	6,425.0	8,087.0	8,153.3	8,653.0	4,566.1	4,289.1	3,894.1	3,692.3	3,466.4	3,201.3
Misamis Oriental	123.2	361.1	399.0	564.1	355.8	320.2	166.0	163.5	287.6	605.3
Davao Region	618.1	1,140.7	1,149.7	785.3	547.4	911.5	1,310.7	1,371.6	766.0	655.8
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	125.3	163.2	70.3	34.9	84.3	50.3	606.8	596.6	206.0	148.5
Davao City	51.0	69.3	39.4	30.1	21.3	16.7	17.1	8.5	16.2	9.4
Davao Oriental	441.8	908.2	1,039.9	720.3	441.8	844.5	686.8	766.6	543.9	498.0
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	42,526.2	42,973.6	12,883.5	6,345.0	8,135.9	4,064.0	6,492.2	5,405.0	6,662.1	5,809.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	100.1	38.1	72.9	78.4	57.8	64.4	66.7	50.7	19.0	11.3
South Cotabato	41,379.6	41,858.2	11,683.4	5,139.0	6,946.2	2,895.1	5,293.3	4,159.2	5,524.4	4,793.5
Sultan Kudarat	1,046.5	1,077.4	1,127.2	1,127.6	1,131.9	1,104.4	1,132.2	1,195.2	1,118.8	1,004.7
Caraga	596.4	784.1	1,086.2	1,424.8	1,555.6	1,247.7	1,115.5	1,016.3	914.5	923.0
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	358.9	324.3	247.6	263.1	340.8	352.4.11	323.6	276.6	267.5	222.2
Surigao del Sur	237.4	459.9	838.6	1,161.7	1,214.8	895.3	792.0	739.7	647.0	700.8
ARMM	9,968.0	10,456.5	11,600.2	13,305.1	15,147.3	15,430.9	16,692.3	16,713.4	17,520.0	18,001.0
Basilan	1,162.1	1,189.8	1,332.4	1,296.6	1,350.5	1,172.3	1,133.3	1,157.8	1,202.4	1,169.3
Lanao del Sur	535.8	523.1	532.4	532.9	546.2	544.3	539.9	513.8	651.9	525.1
Maguindanao	251.5	38.7	140.0	180.2	184.1	174.8	198.1	159.1	159.2	114.9
Sulu	8,018.6	8,694.7	9,564.8	11,263.6	13,032.0	13,503.6	14,786.0	14,836.3	15,456.9	16,129.0
Tawi-tawi	..	10.2	30.7	31.7	34.5	35.9	35.1	46.5	49.6	62.7

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Goatfish (Saramulyete)										
Philippines	**10,008.8**	**9,926.4**	**9,416.7**	**10,387.1**	**10,881.9**	**9,681.5**	**8,453.4**	**8,336.9**	**7,367.6**	**6,248.5**
NCR	877.4	924.4	848.2	824.6	1,111.3	917.9	857.4	970.7	660.8	385.4
Metro Manila	877.4	924.4	848.2	824.6	1,111.3	917.9	857.4	970.7	660.8	385.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	118.1	128.2	106.0	84.5	29.7	18.8	26.0	35.8	66.2	58.5
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	16.9	12.5	18.0	19.5	13.9	0.3	11.4	14.4	15.2	15.9
Pangasinan	101.2	115.7	88.0	65.0	15.8	18.5	14.7	21.5	51.0	42.7
Cagayan Valley	237.0	275.5	221.0	181.5	373.4	359.0	238.8	249.2	253.0	241.9
Cagayan	237.0	275.5	221.0	181.5	373.4	359.0	238.8	249.2	253.0	241.9
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	..	..	1.0	0.8	8.5	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	1.0	0.8	8.5	..	..	..	..	..
CALABARZON	1,091.9	1,991.5	1,449.2	505.5	681.2	562.5	620.6	294.9	427.0	238.9
Batangas	..	..	..	..	..	..	1.6	..	0.9	..
Cavite	41.7	16.0	..	1.9	1.6	5.9	16.1	48.8	10.6	17.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,050.2	1,975.5	1,449.2	503.6	679.6	556.6	602.9	246.1	415.6	221.0
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	802.9	637.7	510.3	529.9	573.7	564.6	674.2	714.0	802.6	801.8
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	252.9	262.3	278.2	190.1	207.0	200.6	202.4.1	199.6	202.9	203.3
Oriental Mindoro	27.0	33.2	33.1	26.8	26.1	26.1	25.2	22.7	23.5	23.1
Palawan	523.0	342.2	199.0	313.0	340.6	338.0	446.6	491.7	576.1	575.4
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	344.9	400.8	376.1	462.7	556.8	575.4	530.1	558.7	540.0	204.9
Albay	10.0	20.4	27.6	..	..	..	1.0	1.0	..	..
Camarines Norte	187.0	220.2	210.7	239.3	302.9	298.8	291.4	309.3	314.0	39.5
Camarines Sur	96.9	102.9	102.8	186.2	198.3	215.0	237.6	222.3	197.5	165.4
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	51.0	57.3	35.0	37.2	55.6	61.6	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	26.0	28.5	..
Western Visayas	3,816.4	3,830.8	4,016.7	5,575.0	5,817.5	5,096.7	3,990.6	3,923.2	3,664.5	3,262.3
Aklan	..	..	..	4.0	7.8	10.2	12.2	13.9	13.6	12.0
Antique	17.0	21.8	17.7	23.5	23.7	18.3	12.5	12.4.19	15.9	11.9
Capiz	703.0	745.7	673.2	694.6	682.5	600.0	545.0	255.3	228.1	144.5
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	2,247.0	2,198.1	2,479.8	1,497.6	1,562.8	1,472.6	1,059.8	977.4	837.5	516.0
Negros Occidental	849.4	865.2	846.1	3,355.3	3,540.7	2,995.7	2,361.0	2,664.2	2,569.3	2,577.9
Central Visayas	217.2	245.4	218.7	201.0	197.3	195.9	193.3	528.1	523.1	496.2
Bohol	4.0	1.0	..	..	..	..	..	..	..	..
Cebu	213.2	244.4	218.7	201.0	179.0	191.0	193.3	528.1	519.4	492.4.16
Negros Oriental	..	..	..	..	18.3	4.9	..	..	3.6	3.7
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	480.7	510.9	510.9	455.3	389.2	485.6	446.9	503.6	101.0	108.3
Biliran	20.1	26.7	25.6	2.0	2.2	2.6	1.1	1.1	1.1	1.0
Eastern Samar	112.3	85.3	39.4	..	..	..	..	..	..	..
Leyte	203.3	210.4	335.8	320.9	146.1	240.6	223.4	336.6	29.1	18.6
Northern Samar	10.5	1.7	1.6	3.5	..	..	..	..	..	..
Southern Leyte	12.0	..	..	..	..	..	..	..	..	..
Samar	122.5	186.9	108.5	129.0	240.9	242.5	222.4.11	165.8	70.8	88.7
Zamboanga Peninsula	1,821.6	847.9	959.4	1,490.5	1,037.1	815.5	813.3	495.9	258.7	387.6
Zamboanga del Norte	37.6	43.3	60.1	13.3	..	..	..	..	..	..
Zamboanga del Sur	..	..	114.8	111.5	40.7	..	..	..	..	..
Zamboanga City	690.9	..	102.7	883.0	547.7	373.5	385.9	268.4	52.9	217.2
Zamboanga Sibugay	1,093.2	804.6	681.9	482.7	448.7	442.0	427.5	227.5	205.8	170.4
Northern Mindanao	..	..	..	..	56.7	33.8	26.0	16.8	20.5	24.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	51.5	33.8	26.0	16.8	20.5	24.7
Misamis Occidental	..	..	..	..	5.2	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	72.3	4.5	88.9	..	..	..	8.0	0.6	15.1	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	72.3	4.5	88.9	..	..	..	8.0	0.6	15.1	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	17.4	12.6	14.3	3.1	21.1	8.2	17.7	7.5	9.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	17.4	12.6	14.3	3.1	21.1	8.2	17.7	7.5	9.8
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	128.3	104.1	80.2	43.0	23.6	12.4.11	..	..	..	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	111.0	93.4	77.0	42.4.17	23.6	12.4.11	..	..	..	..
Surigao del Sur	17.3	10.6	3.2	0.6	..	..	..	..	..	..
ARMM	0.2	7.5	17.5	18.6	22.8	22.1	20.1	27.8	27.7	28.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	0.2	0.2	0.2	0.2	0.4	1.0	..	..	..	0.2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	7.3	17.3	18.4	22.3	21.1	20.1	27.8	27.7	27.9

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Grouper (Lapu-lapu)										
Philippines	**3,536.2**	**3,253.0**	**3,286.5**	**2,973.2**	**2,969.0**	**2,605.4**	**2,234.1**	**2,149.4**	**2,137.8**	**2,051.0**
NCR	0.4	21.5	28.1	49.0	64.6	56.4	65.2	40.6	46.1	33.4
Metro Manila	0.4	21.5	28.1	49.0	64.6	56.4	65.2	40.6	46.1	33.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	119.0	120.3	104.9	93.7	24.8	9.9	23.6	24.8	28.1	33.0
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	9.0	7.0	10.5	8.7	8.0	2.7	5.2	4.9	4.8	4.7
Pangasinan	110.0	113.4	94.4	85.1	16.9	7.1	18.5	20.0	23.3	28.3
Cagayan Valley	29.5	31.7	30.6	21.4	21.3	19.4	16.2	20.2	14.4	20.1
Cagayan	29.5	31.7	30.6	21.4	21.3	19.4	16.2	20.2	14.4	20.1
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	7.7	5.5	2.5	..	..	..	..	..	..	2.0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	7.7	5.5	2.5	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	2.0
CALABARZON	76.8	196.1	196.7	310.6	280.4	424.4	360.1	258.7	399.7	281.9
Batangas	35.2	43.8	48.7	43.4	54.8	86.8	19.8	22.7	16.2	20.8
Cavite	20.1	47.2	20.3	53.4	54.7	125.6	86.1	98.9	161.2	84.8
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	21.6	105.1	127.7	213.8	170.8	212.0	254.2	137.2	222.4	176.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	892.0	1,119.1	1,099.1	874.6	868.8	840.9	614.4	667.8	595.9	627.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	41.2	50.6	52.9	37.6	39.4	39.2	39.5	38.6	44.0	42.3
Oriental Mindoro	8.0	12.4	12.0	8.6	7.3	6.4	6.2	5.6	4.5	3.9
Palawan	842.8	1,056.2	1,034.2	828.5	822.1	795.2	568.7	623.7	547.4	581.4
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	26.0	80.4	50.1	53.8	45.1	60.6	83.0	196.5	200.5	180.9
Albay	..	..	..	..	3.3	26.4	50.3	168.7	172.6	154.9
Camarines Norte	14.0	26.7	17.0	18.4	20.0	17.4	19.4	21.6	21.9	16.6
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	45.9	26.4	33.0	21.8	16.8	13.3	6.2	5.9	4.9
Masbate	12.0	7.8	6.7	2.5	..	..	..	..	..	..
Sorsogon	..	..	..	0.0	..	..	..	..	..	4.6
Western Visayas	1,046.3	829.1	823.2	495.1	339.4	273.2	108.6	138.9	116.1	84.2
Aklan	5.1	2.9	3.3	6.5	6.5	7.3	..	..	..	6.0
Antique	103.1	117.4	118.4	94.2	90.0	62.1	55.4	47.6	49.1	38.1
Capiz	3.0	3.2	3.1	2.1	1.7	0.5	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	648.4	476.7	536.9	331.2	233.4	200.1	49.9	0.3	2.4	2.0
Negros Occidental	286.7	228.9	161.5	61.1	7.7	3.3	3.4	91.0	64.6	38.1
Central Visayas	31.0	32.4	27.8	34.7	85.3	59.3	73.4	71.3	9.5	8.5
Bohol	4.0	1.0	..	..	..	..	..	..	..	..
Cebu	27.0	31.4	27.8	34.7	39.0	29.0	39.0	34.9	..	..
Negros Oriental	..	..	..	..	46.3	30.3	34.4	36.4	9.5	8.5
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	471.0	172.1	171.2	154.3	339.0	236.0	192.8	57.2	8.8	4.5
Biliran	12.5	11.0	26.2	4.0	0.6	..	..	..	..	..
Eastern Samar	154.5	31.3	..	..	..	..	..	..	..	..
Leyte	241.6	33.2	53.6	79.6	317.5	223.5	183.3	47.5	2.3	1.7
Northern Samar	26.5	51.3	37.7	42.3	19.7	12.5	9.5	6.8	3.8	2.9
Southern Leyte	4.5	..	..	..	..	..	..	..	..	..
Samar	31.4	45.4	53.7	28.4	1.3	..	..	3.0	2.8	..
Zamboanga Peninsula	328.8	38.4	108.1	39.3	57.6	25.6	44.6	24.2	120.1	202.8
Zamboanga del Norte	..	..	..	1.9	..	..	..	..	..	..
Zamboanga del Sur	..	..	56.1	3.9	0.0	..	..	..	..	..
Zamboanga City	249.7	..	28.5	19.1	..	0.7	26.8	1.1	79.7	129.3
Zamboanga Sibugay	79.1	38.4	23.5	14.4	57.6	24.9	17.8	23.2	40.4	73.5
Northern Mindanao	152.2	278.3	309.7	482.1	489.4	308.9	275.4	309.4	299.6	289.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	152.2	278.3	309.7	482.1	489.4	308.9	275.4	309.4	299.6	289.0
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	4.6	4.9	0.3	0.9	..	..	..	0.6	21.3	7.8
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	4.2	4.9	..	..	..	..	..	0.6	21.3	4.0
Davao City	0.4	0.1	0.3	0.9	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	3.8
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	288.0	277.0	276.7	287.9	275.7	222.1	316.5	269.4	190.0	196.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	2.5	..	..	..	..	..	..	..	..	..
South Cotabato	..	35.2	56.0	67.1	52.3	32.0	122.7	84.4	30.6	132.3
Sultan Kudarat	285.5	241.8	220.7	220.8	223.4	190.1	193.8	185.0	159.4	64.0
Caraga	19.7	14.5	10.6	22.3	18.4	10.9	4.1	6.3	7.6	2.0
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	14.8	13.0	10.6	22.3	18.4	9.4	..	..	..	..
Surigao del Sur	4.9	1.5	..	..	..	1.5	4.1	6.3	7.6	2.0
ARMM	43.3	31.9	46.9	53.5	59.2	58.0	56.5	63.5	80.2	76.9
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	18.2	18.4	18.4	19.7	21.5	21.2	21.1	21.7	29.5	26.6
Maguindanao	25.1	2.0	12.2	12.1	14.7	14.4	14.4	16.1	17.1	12.9
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	11.5	16.4	21.7	23.0	22.4	21.0	25.6	33.6	37.5

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Hairtail (Espada)										
Philippines	**4,883.2**	**5,607.8**	**7,955.2**	**7,168.8**	**7,258.9**	**6,654.9**	**4,697.2**	**4,589.7**	**4,250.5**	**4,332.4**
NCR	52.3	30.7	66.4	59.8	63.1	24.6	76.5	291.9	217.9	122.6
Metro Manila	52.3	30.7	66.4	59.8	63.1	24.6	76.5	291.9	217.9	122.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	290.8	448.1	385.1	302.0	163.8	186.2	96.8	126.1	149.8	149.7
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	99.1	319.9	253.8	190.8	122.4.11	132.8	66.8	88.1	94.1	95.2
Pangasinan	191.8	128.2	131.3	111.2	41.4	53.4	29.9	38.0	55.7	54.5
Cagayan Valley	709.1	863.7	829.0	932.9	1,365.5	1,329.4	885.9	964.9	1,090.3	1,104.6
Cagayan	709.1	863.7	829.0	932.9	1,365.5	1,329.4	885.9	964.9	1,090.3	1,104.6
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	146.2	144.6	133.1	83.3	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	128.4	131.0	123.1	79.5	..	..	..	..	..	..
Bulacan	17.8	13.6	10.0	3.8	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	550.2	927.3	2,715.2	1,756.3	1,399.3	1,508.9	305.2	262.8	281.6	692.9
Batangas	16.0	..	..	..	0.1	3.2	..	..	1.0	..
Cavite	75.9	102.4	48.8	48.9	68.2	30.9	42.3	32.5	91.8	60.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	458.3	825.0	2,666.5	1,707.4	1,331.0	1,474.7	262.9	230.3	188.8	632.4.13
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	144.5	204.0	418.8	305.1	300.2	250.8	235.9	308.6	312.0	309.0
Marinduque	5.8	1.9	1.4	..	..	..	..	..	..	..
Occidental Mindoro	120.9	131.3	131.8	77.3	72.3	65.2	66.5	67.2	70.8	69.1
Oriental Mindoro	5.0	7.5	7.1	6.6	2.7	3.1	3.1	3.3	3.8	3.2
Palawan	12.8	63.3	278.5	221.2	225.2	182.6	166.3	238.0	237.4	236.7
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	105.5	143.3	191.9	323.4	329.2	334.0	323.5	207.6	183.4	170.6
Albay	7.0	28.0	73.1	50.6	29.2	37.4	41.5	9.0	..	7.3
Camarines Norte	..	..	..	..	..	..	..	..	..	8.1
Camarines Sur	71.0	75.4	87.0	240.3	261.2	252.6	230.8	191.1	174.0	155.0
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	20.0	39.9	31.8	29.5	38.7	44.0	51.2	7.6	9.4	..
Sorsogon	7.5	..	..	2.9	..	..	..	..	..	0.2
Western Visayas	1,924.7	1,929.3	1,935.7	2,074.7	2,499.8	2,220.2	2,049.2	1,671.1	1,394.7	1,109.5
Aklan	2.0	3.9	3.6	3.6	..	..	2.2	2.3	2.9	4.7
Antique	0.4	2.3	2.4.12	0.4	0.2	..	..	0.6	1.1	2.4
Capiz	860.5	883.0	849.9	940.6	929.6	952.0	829.0	482.0	76.7	235.5
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	445.1	508.4	632.8	468.1	458.1	540.3	537.6	661.2	433.6	342.9
Negros Occidental	616.8	531.8	447.0	662.1	1,111.9	727.9	680.4	525.0	880.5	524.0
Central Visayas	238.2	230.4	203.6	144.4	122.0	97.5	100.3	114.3	80.5	170.9
Bohol	..	..	..	..	..	..	..	..	..	4.6
Cebu	56.0	58.4	72.4.16	51.3	42.0	35.0	49.3	51.3	15.2	44.2
Negros Oriental	182.2	172.0	131.1	93.1	80.0	62.5	51.0	63.0	65.4	122.1
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	487.1	467.3	479.0	381.0	425.1	297.5	203.4	234.7	151.1	124.5
Biliran	24.6	23.2	22.0	18.8	6.1	1.3	0.7	1.0	1.0	0.8
Eastern Samar	85.1	53.1	37.0	..	..	..	..	..	..	..
Leyte	150.3	156.9	254.2	165.7	192.2	115.5	27.2	78.3	13.5	6.6
Northern Samar	14.5	38.5	73.5	83.4	24.1	20.5	6.4	7.2	6.7	6.1
Southern Leyte	11.9	23.5	8.4	9.2	..	..	..	..	..	..
Samar	200.8	172.0	84.0	104.1	202.8	160.3	169.2	148.2	130.0	111.0
Zamboanga Peninsula	104.0	134.1	182.4	200.8	144.3	157.5	148.4	117.8	93.1	85.4
Zamboanga del Norte	27.5	39.9	30.1	14.9	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	38.5	10.5	..	..	..	..	..
Zamboanga City	10.0	..	..	0.2	2.0	..	48.7	..	..	..
Zamboanga Sibugay	66.6	94.3	152.3	147.2	131.7	157.5	99.7	117.8	93.1	85.4
Northern Mindanao	3.6	..	288.4	558.0	413.7	224.8	232.4.19	268.8	268.6	281.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	288.4	558.0	413.7	224.8	230.0	268.8	268.6	281.6
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	3.6	..	..	..	..	..	2.5	..	..	..
Davao Region	71.3	39.6	11.6	3.8	2.8	..	7.6	..	1.7	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	53.6	32.3	6.6	3.8	2.4.1	..	7.6	..	1.7	..
Davao City	0.7	..	..	..	0.4	..	..	..	..	..
Davao Oriental	17.0	7.4	5.0	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	6.7	..	0.5	1.4	1.4	4.2	3.7	6.2	13.3	0.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	6.7	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	0.5	1.4	1.4	4.2	3.7	6.2	13.3	0.6
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	21.7	20.1	90.7	26.4	13.0	3.5	12.1	3.5	3.0	2.3
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	7.7	14.0	90.7	26.4	13.0	3.5	12.1	3.5	3.0	2.3
Surigao del Sur	14.0	6.1	..	..	..	..	..	..	..	..
ARMM	27.3	25.3	23.8	15.5	15.7	16.0	16.2	11.5	9.5	8.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	27.3	1.0	4.0	3.0	3.3	5.0	4.5	3.2	3.0	0.8
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	24.3	19.9	12.5	12.3	11.0	11.8	8.3	6.5	7.3

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Indian Mackerel (Alumahan)										
Philippines	**36,799.6**	**36,154.8**	**37,416.7**	**36,567.9**	**43,152.3**	**37,028.7**	**36,268.9**	**41,205.9**	**36,908.2**	**32,144.1**
NCR	858.2	1,561.9	513.5	687.2	1,378.7	897.4	603.5	1,191.6	805.6	567.9
Metro Manila	858.2	1,561.9	513.5	687.2	1,378.7	897.4	603.5	1,191.6	805.6	567.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	279.2	375.6	390.9	244.0	231.2	239.3	138.8	197.5	226.6	200.9
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	34.3	9.1	2.6	0.7	1.0	1.0	7.7	44.9	44.4	43.8
Pangasinan	244.9	366.6	388.3	243.3	230.3	238.3	131.0	152.7	182.2	157.0
Cagayan Valley	20.8	25.3	24.6	58.8	175.3	174.1	126.3	146.5	136.6	124.1
Cagayan	20.8	25.3	24.6	58.8	175.3	174.1	126.3	146.5	136.6	124.1
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	256.9	284.7	265.6	141.4	71.9	68.8	58.2	52.7	59.2	67.8
Aurora	1.3	0.8	0.4	0.3	0.4	0.3	..	0.2	0.3	..
Bataan	141.7	142.9	142.0	94.5	..	..	..	..	..	..
Bulacan	70.5	71.7	64.5	28.5	29.3	19.9	9.7	8.0	14.4	17.2
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	43.4	69.3	58.7	18.1	42.3	48.6	48.5	44.5	44.5	50.6
CALABARZON	13,247.4	11,025.6	9,744.2	9,160.7	11,039.5	9,424.6	8,989.6	10,761.0	10,403.7	7,746.6
Batangas	143.5	175.1	211.2	159.9	139.1	137.5	132.2	117.3	82.8	78.8
Cavite	117.6	180.4	120.3	179.7	685.9	786.3	255.3	363.8	198.5	286.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	12,986.4	10,670.1	9,412.7	8,821.1	10,214.5	8,500.8	8,602.1	10,279.9	10122.4.15	7,380.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,190.0	2,039.2	2,301.0	2,450.9	2,835.6	2,078.6	2,112.7	2,146.7	2,069.7	2,137.2
Marinduque	15.6	16.9	8.0	6.9	6.9	5.0	1.5	2.1	..	..
Occidental Mindoro	342.5	361.1	386.5	318.1	337.0	321.0	328.8	325.1	325.6	327.5
Oriental Mindoro	129.0	140.0	129.5	122.4	131.2	124.6	129.4	148.6	158.4	166.7
Palawan	1,667.5	1,480.5	1,748.8	1,979.8	2,313.2	1,611.5	1,641.7	1,647.8	1,548.0	1,637.0
Romblon	35.4	40.7	28.3	23.8	47.4	16.5	11.4	23.3	37.7	6.0
Bicol Region	2,053.9	1,797.7	1,907.5	2,349.0	2,599.5	2,653.4	2,495.9	2,401.7	2,436.4	2,385.3
Albay	345.0	513.9	622.4.1	677.7	752.4.16	728.2	734.7	678.0	687.4	701.9
Camarines Norte	123.0	142.8	187.3	227.4	258.7	253.7	251.2	267.9	276.8	328.7
Camarines Sur	708.8	765.0	692.6	1,077.5	1,279.1	1,393.3	1,393.7	1,391.7	1,389.9	1,308.7
Catanduanes	..	..	..	..	16.7	19.5	17.5	21.6	21.5	20.7
Masbate	666.0	288.2	300.1	291.3	256.0	245.2	90.6	..	..	..
Sorsogon	211.2	87.8	105.1	75.2	36.5	13.5	8.3	42.7	60.8	25.4
Western Visayas	3592.4.17	4,132.0	4,505.7	3,739.4	3,482.8	4,532.3	3,645.4	4,251.1	3,789.4	3,559.9
Aklan	15.3	8.8	23.1	19.8	19.3	20.8	20.9	24.2	26.2	27.8
Antique	37.0	82.3	122.0	119.6	125.6	118.1	153.1	148.0	152.0	153.2
Capiz	1,127.0	1,200.6	1,142.0	1,150.1	1,254.2	1,314.0	984.0	593.9	174.9	232.8
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,091.5	1,293.5	1,659.2	925.8	801.4	907.5	1,357.5	2,887.8	2,679.9	2,143.7
Negros Occidental	1,321.6	1,546.8	1,559.4	1,524.1	1282.4.11	2,172.0	1,129.9	597.3	756.5	1002.4.13
Central Visayas	1,925.7	1,533.9	1,585.1	1,063.7	1,082.6	971.3	952.8	1,760.7	1502.4.11	1,240.6
Bohol	78.0	43.7	47.8	43.3	41.7	45.1	114.5	16.7	44.1	10.1
Cebu	1,669.7	1,033.9	1,041.9	544.5	668.8	574.3	538.5	1,457.8	1,253.6	1,064.8
Negros Oriental	178.0	456.3	495.4	475.8	372.1	351.9	299.8	286.2	204.7	165.7
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	2,676.9	2,801.6	2,659.0	2,425.3	2,781.3	2,670.5	2,561.5	1,916.1	1,202.8	1,080.8
Biliran	281.0	311.7	352.4.11	382.4	317.0	212.7	205.1	213.8	209.1	202.9
Eastern Samar	345.6	311.2	301.3	..	..	..	..	..	..	..
Leyte	1,250.4	1,344.2	1,117.5	1,509.0	1,740.9	1,681.0	1,593.4	931.2	130.8	..
Northern Samar	162.2	146.6	135.4	129.4	177.3	175.9	194.7	215.4	230.5	242.2
Southern Leyte	118.6	178.6	187.3	144.0	153.0	152.7	132.1	177.3	178.0	180.2
Samar	519.1	509.4	565.1	260.5	393.2	448.2	436.2	378.4	454.4	455.5
Zamboanga Peninsula	3,414.8	4,803.2	6,863.8	6,716.3	9,098.7	5,551.1	7,038.6	9,401.9	6,716.3	6,124.3
Zamboanga del Norte	509.2	440.7	693.5	651.9	416.3	417.4	123.1	107.8	123.3	87.2
Zamboanga del Sur	747.2	915.4	1,014.1	1,488.6	1,777.5	2,215.7	1,756.0	1,387.7	1,404.0	1,290.6
Zamboanga City	1,369.4	2,406.3	4,035.6	3,097.3	6,112.0	2,733.4	5,029.7	7,763.0	5,082.8	4,648.0
Zamboanga Sibugay	789.1	1,040.8	1,120.6	1,478.6	792.9	184.6	129.7	143.4	106.3	98.6
Northern Mindanao	214.4	225.5	462.4.18	387.2	1,364.4	439.5	449.0	424.4	1,133.5	497.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	0.7	..	..	..	..	0.1	..	..	0.1
Lanao del Norte	..	..	263.2	241.3	237.7	98.0	106.4	89.4	113.4	125.8
Misamis Occidental	158.0	146.9	141.0	131.1	1,023.4	327.2	337.8	319.9	369.5	319.1
Misamis Oriental	56.4	77.9	58.3	14.7	103.3	14.2	4.8	15.0	650.6	52.7
Davao Region	727.5	796.2	1,025.1	1,036.2	856.5	1,372.1	1,061.3	302.6	170.8	187.6
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	411.0	639.1	826.4	909.2	765.3	1,203.1	1,007.1	232.4	98.0	135.8
Davao City	52.8	40.0	28.0	32.7	31.6	40.2	25.4	33.9	38.3	24.8
Davao Oriental	263.7	117.0	170.8	94.3	59.6	128.7	28.8	36.3	34.5	27.0
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	222.3	232.1	218.4	227.0	228.5	182.5	183.2	198.4	153.3	87.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1.0	..	..	..	..	1.9	..	..	..	..
South Cotabato	36.5	21.8	15.9	29.0	33.7	16.6	18.0	31.1	40.1	9.1
Sultan Kudarat	184.8	210.3	202.4.19	197.9	194.9	164.1	165.2	167.3	113.2	78.2
Caraga	18.8	27.1	20.1	26.7	56.2	48.2	85.9	88.3	50.6	61.1
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	17.5	27.1	20.1	26.7	44.5	48.2	81.6	84.1	38.6	61.1
Surigao del Sur	1.3	..	..	..	11.7	..	4.3	4.2	12.0	..
ARMM	5,100.2	4,493.2	4,929.8	5,854.2	5,869.5	5,725.2	5,766.3	5,964.6	6,051.5	6,075.2
Basilan	1,869.5	1,895.1	1,973.1	2,095.9	2,066.6	1,881.0	1,750.8	1,755.7	1,833.1	1,774.4
Lanao del Sur	130.7	134.4	135.6	140.9	151.1	147.9	145.7	256.9	279.9	249.6
Maguindanao	117.0	17.3	88.8	101.9	105.9	74.9	73.2	72.5	71.9	42.9
Sulu	2,983.0	2,410.5	2,693.7	3472.4.11	3502.4.11	3,579.6	3,755.1	3,828.1	3,807.8	3,942.8
Tawi-tawi	..	35.8	38.6	43.2	43.5	41.8	41.5	51.4	58.9	65.5

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Indian Sardines (Tamban)										
Philippines	**142,651.7**	**134,309.6**	**166,995.3**	**260,377.6**	**265,810.9**	**167,014.3**	**175,159.5**	**158,841.0**	**190,390.2**	**217,758.2**
NCR	3,363.6	4,176.8	5,512.0	3,380.2	5,331.3	2,769.2	6,115.4	7,571.3	13,420.5	22,496.4
Metro Manila	3,363.6	4,176.8	5,512.0	3,380.2	5,331.3	2,769.2	6,115.4	7,571.3	13,420.5	22,496.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	39.0	87.2	93.8	54.0	32.7	17.0	28.1	22.0	16.8	17.9
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1.0	0.5	1.0	2.0	1.7	2.0	3.4	4.6	4.7	5.0
Pangasinan	38.0	86.7	92.8	52.0	31.0	15.0	24.7	17.5	12.1	12.9
Cagayan Valley	450.5	569.5	531.0	583.0	584.8	541.1	488.6	496.7	507.9	489.4
Cagayan	450.5	569.5	531.0	583.0	584.8	541.1	488.6	496.7	507.9	489.4
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	103.3	99.5	82.0	47.7	..	..	..	4.3	7.2	8.2
Aurora	0.5	..	..	..	..	..	..	..	..	..
Bataan	90.5	94.5	77.0	47.7	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	4.3	7.2	8.2
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	12.3	5.0	5.0	..	..	..	..	..	..	..
CALABARZON	11,535.1	13,440.1	7,440.6	8,836.5	10,393.4	6,525.3	4,414.0	971.9	1,769.7	2,543.3
Batangas	752.0	685.7	518.6	434.4	428.3	302.9	241.3	184.9	133.9	305.1
Cavite	23.9	12.4.1	..	3.7	..	4.4	36.0	14.3	23.4	18.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	10,759.2	12,742.0	6,921.9	8,398.3	9,965.1	6,217.9	4,136.8	772.6	1612.4.13	2,219.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,677.3	3,511.3	3,394.9	2,485.9	2,994.1	2,441.4	2,720.7	2,690.2	2,917.8	2,877.5
Marinduque	63.0	45.8	13.1	11.4	11.5	4.6	5.8	1.9	1.1	2.3
Occidental Mindoro	579.0	596.5	569.5	478.2	490.2	468.6	469.6	460.8	464.3	464.6
Oriental Mindoro	278.0	294.3	288.2	307.3	342.2	311.6	314.5	332.9	377.6	464.3
Palawan	2,750.0	2,551.9	2,482.0	1,685.7	2,133.5	1,641.8	1,916.8	1,885.8	2,074.9	1,942.2
Romblon	7.3	22.8	42.1	3.2	16.7	14.9	14.0	8.8	..	4.0
Bicol Region	2,904.4	3,746.1	4,819.1	5,935.5	6,726.1	6,947.0	7,597.6	7,026.7	6,974.1	5,802.1
Albay	729.0	733.0	879.1	1,123.8	1,074.4	1,077.8	1,108.0	905.8	920.5	913.2
Camarines Norte	652.0	688.7	555.1	645.7	685.2	663.5	651.6	679.1	673.9	222.1
Camarines Sur	806.0	898.9	1,363.4	1,671.7	1,404.1	1,470.7	1,431.9	1,334.1	1,272.9	1,099.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	710.0	1,397.0	1,883.1	2,184.2	3,197.2	3,284.9	4,062.7	3,848.0	3,776.5	3,567.8
Sorsogon	7.4	28.6	138.4	310.2	365.2	450.1	343.4	259.6	330.4	..
Western Visayas	3,827.7	4,715.5	3,949.0	4,482.2	5,196.2	4,456.1	4,432.5	3,511.7	3,159.0	3,093.3
Aklan	125.7	83.5	68.4	62.1	62.4.14	62.8	59.2	55.3	59.9	54.0
Antique	226.9	191.9	404.8	289.9	247.1	263.4	200.5	174.7	241.8	387.3
Capiz	544.5	582.6	581.6	574.0	710.2	986.0	1,176.0	1,067.2	486.1	857.6
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	841.6	1,563.7	1,256.0	2,022.9	2,446.5	2,052.1	1,913.5	1192.4.16	1,586.4	863.0
Negros Occidental	2,089.0	2,293.9	1,638.2	1,533.4	1,730.0	1,091.8	1,083.3	1,022.2	784.8	931.4
Central Visayas	1,882.6	1,347.0	2,244.8	2,397.4	1,592.3	1,720.0	1,021.3	791.6	556.6	710.7
Bohol	17.0	136.8	292.8	452.6	237.2	146.6	62.5	41.4	49.7	162.6
Cebu	1,685.1	999.6	1,778.2	1,827.8	1,245.8	1,473.6	870.4	677.4	432.9	491.4
Negros Oriental	180.5	210.6	173.8	117.0	109.3	99.8	88.4	72.8	74.0	56.7
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	5,318.6	6,088.6	6,908.6	5,882.6	5,478.9	5,354.3	4,202.6	2,585.2	1,677.4	1,752.8
Biliran	433.0	590.9	958.7	887.1	899.6	755.1	721.8	628.4	621.9	659.2
Eastern Samar	820.6	650.9	756.5	284.9	327.1	342.1	348.5	317.0	107.5	102.2
Leyte	2,383.4	2,828.4	2,905.0	3,173.4	2,796.2	2,924.9	1,993.3	1,073.0	570.3	615.8
Northern Samar	240.0	257.1	236.8	255.3	241.0	238.8	241.1	250.0	250.7	257.9
Southern Leyte	453.1	790.7	878.8	622.5	643.0	577.2	513.5	89.2	72.3	96.1
Samar	988.5	970.6	1,172.8	659.5	572.1	516.3	384.5	227.5	54.8	21.7
Zamboanga Peninsula	93,753.7	81,986.9	115,419.0	209012.4.1	207,323.0	116,362.9	124,345.6	111,144.0	139,140.7	155,800.4
Zamboanga del Norte	4,764.2	4,222.9	5,649.5	5,259.5	5,710.5	4,696.4	6,424.5	7,932.2	7,034.4	7,343.0
Zamboanga del Sur	1,587.7	1,788.2	2,716.5	5,624.2	3,993.7	2,621.4	2,382.8	2,632.7	2,633.1	2,692.1
Zamboanga City	86,102.0	74,984.6	106,116.5	197,489.7	197,015.5	108,752.1	115,361.3	100,483.5	129,359.9	145,599.5
Zamboanga Sibugay	1,299.8	991.2	936.5	639.0	603.3	293.0	177.1	95.6	113.4	165.8
Northern Mindanao	7,124.6	6,766.7	8,221.1	8,686.3	10,273.3	9,830.3	10,570.3	12,116.9	11,198.0	13,176.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	3.7	2.1	39.5	29.4	20.2	..	3.3	48.4	20.5	157.2
Lanao del Norte	484.8	584.6	471.7	911.5	1,168.8	930.6	959.2	1,075.9	1,112.1	1,163.6
Misamis Occidental	1,110.0	1,708.4	1,899.3	1,774.7	2,739.6	2,999.4	3,084.4	3,563.4	3,380.2	3,377.3
Misamis Oriental	5,526.1	4,471.7	5,810.6	5,970.8	6,344.7	5,900.3	6,523.3	7,429.3	6,685.2	8,478.1
Davao Region	781.6	992.2	996.8	186.5	470.5	959.1	760.0	1,594.9	691.2	576.1
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	516.4	862.4.12	867.6	149.2	415.3	948.0	748.3	1582.4.16	658.8	519.1
Davao City	165.0	99.8	124.9	37.3	55.2	11.1	2.3	2.4	23.3	30.8
Davao Oriental	100.3	30.0	4.3	..	..	..	9.4	10.1	9.1	26.3
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	78.6	124.5	204.8	29.0	193.0	53.6	67.6	202.6	199.1	254.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	9.6	..	2.5	0.4	..	..	..	..	..	..
South Cotabato	69.0	124.5	202.3	28.7	193.0	53.6	67.6	202.6	199.1	219.5
Sultan Kudarat	..	..	..	..	..	..	..	..	..	34.9
Caraga	587.7	525.8	710.6	478.4	589.6	422.2	324.2	266.3	185.4	246.4
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	556.4	481.7	673.1	431.4	468.9	393.0	282.6	237.1	164.2	245.1
Surigao del Sur	31.3	44.1	37.5	46.9	120.7	29.2	41.6	29.1	21.2	1.3
ARMM	7,223.6	6,131.9	6,467.4	7,900.1	8,631.8	8,615.0	8,071.1	7,844.8	7,968.9	7,913.1
Basilan	1,601.4	1,094.4	1,092.4	1,280.7	1,352.8	1,328.5	1,165.4	1,135.3	1,173.5	1,198.5
Lanao del Sur	652.4	632.5	640.7	646.6	673.0	669.3	664.1	642.2	777.8	629.7
Maguindanao	357.7	58.2	81.9	84.2	92.5	100.1	99.1	29.6	27.6	14.0
Sulu	4,612.1	4,292.8	4,594.2	5,822.9	6,444.5	6,450.6	6,080.3	5,963.8	5912.4.14	5,979.5
Tawi-tawi	..	54.0	58.2	65.8	69.0	66.5	62.2	73.8	77.6	91.4

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Indo-Pacific Mackerel (Hasa-hasa)										
Philippines	**23,801.3**	**22,958.4**	**22,841.1**	**21,674.0**	**23,392.1**	**22,208.3**	**16,710.5**	**14,419.8**	**12,813.9**	**12,400.7**
NCR	207.6	188.2	203.1	241.1	952.9	857.1	321.6	354.3	492.9	373.6
Metro Manila	207.6	188.2	203.1	241.1	952.9	857.1	321.6	354.3	492.9	373.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	209.2	225.8	206.4	133.1	72.6	82.3	75.2	132.8	117.7	102.4
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	37.3	31.0	43.5	42.3	29.5	12.2	23.4	43.9	46.7	47.4
Pangasinan	172.0	194.8	162.9	90.7	43.0	70.1	51.8	89.0	71.0	55.0
Cagayan Valley	4.8	12.4	25.8	33.2	84.8	110.7	86.2	103.6	108.0	120.2
Cagayan	4.8	12.4	25.8	33.2	84.8	110.7	86.2	103.6	108.0	120.2
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	440.6	494.2	385.1	243.2	111.6	109.5	90.5	78.4	83.5	915.1
Aurora	1.7	1.0	0.3	0.2	0.3	0.3	..	0.2	0.3	..
Bataan	303.8	327.0	262.6	135.2	..	..	..	..	2.0	815.0
Bulacan	54.0	93.1	75.3	44.1	42.9	46.8	23.8	16.7	21.0	22.6
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	81.2	73.1	46.9	63.7	68.4	62.4	66.7	61.4	60.2	77.5
CALABARZON	1,030.7	884.9	717.1	638.3	977.8	1,260.5	790.9	484.9	493.3	516.7
Batangas	117.5	129.5	157.0	126.2	108.3	100.9	94.2	76.4	52.8	26.5
Cavite	901.8	599.8	245.3	213.0	741.6	1,048.4	419.6	297.3	271.7	444.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	11.4	155.6	314.8	299.1	128.0	111.2	277.2	111.2	168.8	45.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,454.2	1,279.2	1,097.6	1,182.2	1,666.2	1,509.5	1,583.9	1,593.7	1,729.1	1,427.8
Marinduque	1.2	..	1.0	..	..	..	..	..	..	..
Occidental Mindoro	274.3	295.2	276.8	194.9	210.9	194.3	194.0	188.1	190.6	193.2
Oriental Mindoro	32.0	33.9	33.0	33.5	32.6	31.7	29.2	48.3	45.0	43.4
Palawan	1,112.0	929.0	772.9	938.1	1,379.7	1,228.7	1,342.2	1,355.5	1,481.6	1,186.4
Romblon	34.7	21.0	14.0	15.6	43.1	54.9	18.5	1.9	11.9	4.9
Bicol Region	343.5	339.7	288.8	423.4	476.9	547.8	472.9	354.6	351.4	246.2
Albay	47.0	42.0	15.2	..	..	..	..	..	..	..
Camarines Norte	27.0	60.4	33.7	43.2	43.0	39.9	44.9	48.8	52.9	4.5
Camarines Sur	2.0	2.5	1.0	118.3	149.1	186.5	166.2	146.1	145.8	134.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	222.0	225.7	231.2	257.0	274.7	316.8	252.2	137.4	118.2	97.4
Sorsogon	45.5	9.2	7.8	4.9	10.2	4.6	9.7	22.3	34.5	10.2
Western Visayas	4,050.7	3,768.9	3,477.9	3,989.0	3,765.7	4,670.1	3,585.9	2,627.9	2,321.2	2,146.8
Aklan	46.2	87.3	60.4	70.9	85.6	78.7	76.5	79.0	83.7	77.4
Antique	5.7	6.2	34.2	30.4	15.3	6.8	10.7	15.9	23.9	28.1
Capiz	1,029.8	1,107.0	1,164.8	1,263.7	1,293.0	1,438.0	1,313.0	753.1	216.9	210.1
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	2,224.7	1,922.9	1,633.9	1,892.6	1,700.6	2,267.5	1,477.5	1,117.3	1,102.0	992.4
Negros Occidental	744.3	645.6	584.6	731.4	671.1	879.2	708.2	662.6	894.8	838.9
Central Visayas	668.6	401.8	455.7	379.7	360.1	341.5	386.6	601.6	450.0	637.3
Bohol	80.0	44.3	30.0	20.0	21.1	28.5	27.6	12.4.1	12.4	13.8
Cebu	562.7	331.5	408.2	341.3	320.0	301.9	348.3	581.1	430.1	617.1
Negros Oriental	25.8	26.0	17.5	18.4	19.0	11.1	10.7	8.1	7.5	6.4
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	11,211.1	11,470.1	10,726.5	9,143.5	7,451.1	6,033.5	3,739.6	2,864.6	2,605.7	2,673.8
Biliran	499.0	635.5	554.7	955.4	1,051.1	754.3	751.5	679.7	689.0	643.3
Eastern Samar	740.7	574.4	649.5	180.0	..	..	..	..	..	..
Leyte	8,208.3	8,391.4	7,954.9	7,045.3	5,567.7	4,465.2	2,138.7	1,178.5	804.7	962.1
Northern Samar	257.5	282.0	140.8	99.5	139.2	153.3	162.6	165.1	161.1	154.9
Southern Leyte	217.3	87.0	107.9	92.9	57.0	74.8	144.6	178.3	184.8	186.8
Samar	1,288.3	1,499.9	1,318.8	770.4	636.1	585.8	542.2	663.0	766.1	726.8
Zamboanga Peninsula	2,287.4	1,916.1	3,417.0	3,770.0	6,054.8	5,273.5	4,141.5	3,867.0	2,720.7	1,989.6
Zamboanga del Norte	656.5	656.1	912.8	688.2	876.7	882.6	687.6	669.7	657.8	1,131.7
Zamboanga del Sur	572.4.15	631.2	593.7	467.9	909.7	782.9	976.2	510.4	575.4	468.1
Zamboanga City	816.2	288.1	1,770.6	2,134.7	3,939.0	3,310.1	2,191.4	2,500.7	1,314.7	280.3
Zamboanga Sibugay	242.3	340.7	139.9	479.3	329.4	297.9	286.4	186.2	172.9	109.6
Northern Mindanao	311.2	489.9	466.7	294.3	322.6	339.9	317.1	234.2	259.9	240.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	132.5	303.4	280.6	151.3	151.1	121.6	91.1	65.8	76.8	88.0
Misamis Occidental	175.2	186.5	186.1	140.9	170.9	196.3	226.0	165.5	157.8	152.3
Misamis Oriental	3.5	..	..	2.1	0.6	22.0	..	3.0	25.3	..
Davao Region	0.8	3.4	..	..	..	..	..	19.8	8.9	1.5
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	0.8	3.4	..	..	..	..	..	19.8	8.9	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	1.5
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	..	..	1.5	1.4	2.9	6.6	11.1	7.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	1.5	1.4	2.9	6.6	11.1	7.6
Caraga	195.3	106.1	50.4	79.5	72.2	66.4	113.5	78.3	63.6	52.9
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	174.0	100.5	50.4	79.5	72.2	66.4	113.5	78.3	63.6	52.9
Surigao del Sur	21.4	5.6	..	..	..	..	..	..	..	..
ARMM	1,385.7	1,377.8	1,322.9	1,123.6	1,021.4	1,004.7	1,002.1	1,017.5	997.0	949.0
Basilan	272.7	259.7	221.7	338.0	318.7	320.3	307.9	286.3	290.6	294.2
Lanao del Sur	49.6	28.2	44.9	50.3	52.1	52.1	51.6	75.2	55.0	27.5
Maguindanao	40.3	0.6	2.1	1.8	0.9	1.9	1.8	0.8	0.7	..
Sulu	1,023.1	1,085.6	1,036.0	706.1	621.3	603.0	612.3	613.4	605.7	583.5
Tawi-tawi	..	3.7	18.2	27.4	28.4	27.3	28.5	41.8	45.1	43.8

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mullet (Kapak)										
Philippines	**2,210.5**	**2,231.0**	**2,621.1**	**1,647.0**	**1,713.9**	**1,565.4**	**1,100.0**	**791.8**	**699.6**	**571.5**
NCR	256.7	282.0	328.9	251.4	167.3	157.9	135.2	134.1	164.7	146.3
Metro Manila	256.7	282.0	328.9	251.4	167.3	157.9	135.2	134.1	164.7	146.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	49.6	89.6	120.0	64.2	17.7	10.8	14.5	16.0	26.2	23.2
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1.6	..	..	..	..	..	..	..	..	..
Pangasinan	48.0	89.6	120.0	64.2	17.7	10.8	14.5	16.0	26.2	23.2
Cagayan Valley	..	..	1.5	2.1	0.7	0.4	0.1	16.6	10.4	10.2
Cagayan	..	..	1.5	2.1	0.7	0.4	0.1	16.6	10.4	10.2
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	399.8	437.9	357.1	65.1	55.8	51.7	39.5	38.8	50.0	44.1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	277.3	329.0	235.9	..	..	..	..	..	..	..
Bulacan	122.5	108.9	121.2	65.1	55.8	51.7	39.5	38.8	50.0	44.1
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	6.4	37.1	6.5	12.4.19	50.6	107.9	83.8	90.7	70.3	30.1
Batangas	..	..	..	..	..	..	..	..	3.0	..
Cavite	6.0	16.9	1.1	12.4.19	50.6	107.9	83.8	73.6	51.9	29.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	0.4	20.2	5.5	..	..	..	..	17.1	15.4	0.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	9.3	44.1	59.3	48.9	26.5	17.6	30.2	39.2	43.1	55.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	9.3	44.1	59.3	48.9	26.5	17.6	30.2	39.2	43.1	55.5
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	73.5	76.2	350.5	167.5	123.6	145.0	118.5	76.3	69.2	60.0
Albay	18.0	19.2	..	..	..	..	0.8	0.8	..	..
Camarines Norte	7.0	7.0	3.0	2.7	3.0	2.9	3.9	4.1	8.0	7.0
Camarines Sur	43.0	43.6	341.9	163.0	120.6	136.8	113.9	71.4	61.2	53.0
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	2.6	5.7	1.8	..	5.3	..	..	..	..
Sorsogon	5.5	3.8	..	..	..	..	..	..	..	..
Western Visayas	417.2	460.0	532.4	604.3	621.2	565.5	204.4	140.4	67.0	20.8
Aklan	3.0	3.9	1.6	2.1	2.8	2.2	3.1	2.4.15	2.1	6.8
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	414.2	456.1	461.8	539.2	581.0	543.0	197.0	54.0	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	..	..	0.2	5.3	0.4	14.2	..	..	..	..
Negros Occidental	..	..	68.8	57.7	37.0	6.2	4.4	83.9	64.9	14.0
Central Visayas	24.9	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	24.9	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	638.4	364.5	377.0	162.0	204.0	210.0	203.0	76.6	..	..
Biliran	18.5	13.3	2.0	..	..	..	..	..	..	..
Eastern Samar	80.4	54.3	20.2	..	..	..	..	..	..	..
Leyte	493.0	295.7	354.0	162.0	204.0	210.0	203.0	76.6	..	..
Northern Samar	6.5	1.2	0.8	..	..	..	..	..	..	..
Southern Leyte	20.0	..	..	..	..	..	..	..	..	..
Samar	20.0	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	0.9	12.7	21.9	1.6	1.8	..	..	..	14.8
Zamboanga del Norte	..	..	..	0.3	..	..	..	..	..	..
Zamboanga del Sur	..	..	9.9	..	..	..	..	..	..	..
Zamboanga City	..	..	..	21.3	..	..	..	..	..	14.8
Zamboanga Sibugay	..	0.9	2.9	0.3	1.6	1.8	..	..	..	..
Northern Mindanao	113.4	310.7	467.0	236.9	443.0	278.9	256.3	151.7	186.2	160.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	113.4	310.7	467.0	236.9	443.0	278.9	256.3	151.7	186.2	160.7
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	212.6	112.8	..	..	..	..	..	..	..	1.9
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	212.1	112.8	..	..	..	..	..	..	..	1.9
Davao City	0.6	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	6.4	4.2	9.4	0.8	16.9	13.4	10.5	7.9	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	6.4	4.2	9.4	0.8	16.9	13.4	10.5	7.9	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	8.0	4.6	..	..	..	..	..	..	..	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	8.0	4.6	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	0.8	4.2	4.1	1.0	1.1	1.1	1.1	1.1	4.7	4.0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	0.8	4.2	4.1	1.0	1.1	1.1	1.1	1.1	4.7	4.0
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Parrot Fish (Loro)										
Philippines	**796.0**	**797.9**	**1,041.6**	**902.9**	**1,395.2**	**823.2**	**805.5**	**763.0**	**636.2**	**703.0**
NCR	14.6	7.3	43.3	45.5	48.0	55.7	50.5	42.1	52.1	254.9
Metro Manila	14.6	7.3	43.3	45.5	48.0	55.7	50.5	42.1	52.1	254.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	..	..	..	10.3	14.8	3.4	1.4	0.3	0.3	2.6
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	0.4	0.2	0.3	0.3	..
Pangasinan	..	..	..	10.3	14.8	3.0	1.2	..	..	2.6
Cagayan Valley	..	..	..	..	..	..	..	1.1	1.1	1.1
Cagayan	..	..	..	..	..	..	..	1.1	1.1	1.1
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	..	..	..	5.0	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	5.0	..	..	..	..	..	..
CALABARZON	16.4	10.6	..	24.8	491.0	1.2	..	..	4.1	..
Batangas	16.0	..	..	..	..	..	..	..	3.0	..
Cavite	0.4	2.2	..	..	..	..	..	..	1.2	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	..	8.5	..	24.8	491.0	1.2	..	..	..	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	172.9	238.8	418.2	309.8	397.7	327.2	376.1	345.3	300.3	249.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	36.9	46.8	46.5	27.8	34.0	34.8	36.4	34.6	35.5	34.4
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	136.0	192.0	371.7	282.1	363.6	292.4	339.7	310.7	264.8	215.2
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	67.6	68.7	83.2	78.9	79.7	81.6	77.6	81.8	78.6	22.4.1
Albay	..	..	..	..	..	..	0.5	0.5	..	..
Camarines Norte	55.0	59.7	73.8	75.9	79.7	81.6	77.1	81.3	78.6	20.1
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	7.0	9.0	9.5	3.0	..	..	..	..	..	..
Sorsogon	5.6	..	..	..	..	..	..	..	..	2.3
Western Visayas	114.4	83.4	68.9	57.9	55.9	44.0	44.6	54.4	59.9	71.7
Aklan	..	..	..	..	..	..	..	0.3	0.3	3.9
Antique	17.4	37.4	44.3	40.3	50.7	40.0	34.7	35.0	34.6	48.2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	97.0	46.0	24.7	17.6	4.4	0.4	..	..	0.8	0.1
Negros Occidental	..	..	..	..	0.9	3.7	9.9	19.1	24.2	19.5
Central Visayas	44.5	87.5	92.4	175.9	161.5	113.0	145.2	153.0	26.6	10.4
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	44.5	87.3	92.4	175.9	118.7	104.4	145.2	153.0	25.4	10.0
Negros Oriental	..	0.2	..	..	42.8	8.6	..	..	1.2	0.4
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	127.7	114.8	121.5	31.6	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	82.5	80.3	103.5	14.0	..	..	..	..	..	..
Leyte	27.0	20.5	5.5	14.6	..	..	..	..	..	..
Northern Samar	9.2	1.2	1.1	..	..	..	..	..	..	..
Southern Leyte	4.0	..	..	..	..	..	..	..	..	..
Samar	5.0	12.9	11.5	3.0	..	..	..	..	..	..
Zamboanga Peninsula	192.1	96.5	145.5	47.5	38.7	29.9	24.1	19.7	27.5	44.1
Zamboanga del Norte	189.7	22.7	55.8	9.9	..	..	..	..	..	..
Zamboanga del Sur	..	..	35.9	0.4	..	..	..	..	..	..
Zamboanga City	0.5	..	..	4.8	..	0.5	3.5	5.1	24.0	41.1
Zamboanga Sibugay	1.9	73.8	53.9	32.4	38.7	29.4	20.7	14.6	3.5	3.1
Northern Mindanao	..	..	..	..	36.6	42.6	36.1	31.7	35.1	37.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	36.6	42.6	36.1	31.7	35.1	37.6
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	3.4	1.7	5.8	0.3	..	..	..	..	..	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	3.4	1.0	..	..	..	..	..	..	..	..
Davao City	..	0.7	0.9	0.3	..	..	..	..	..	..
Davao Oriental	..	..	4.9	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	43.5	33.6	23.1	10.1	40.1	24.7	13.4	33.7	8.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	43.5	33.6	23.1	10.1	40.1	24.7	13.4	33.7	8.6
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	42.5	45.2	29.3	92.2	61.2	84.4	25.2	20.1	16.9	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	31.5	36.8	29.3	92.2	61.2	70.4	4.7	5.7	1.6	..
Surigao del Sur	11.0	8.3	..	..	..	14.0	20.5	14.4	15.3	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Porgies (Pargo)										
Philippines	**2,087.7**	**2,560.2**	**3,166.6**	**3,866.0**	**5,182.0**	**4,515.1**	**4,009.1**	**3,639.9**	**3,118.3**	**2,269.4**
NCR	..	0.2	..	..	0.4	0.3	0.8	..	..	..
Metro Manila	..	0.2	..	..	0.4	0.3	0.8	..	..	..
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	30.0	67.8	91.4	38.2	0.6	0.6	1.5	0.4	0.4	4.9
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	30.0	67.8	91.4	38.2	0.6	0.6	1.5	0.4	0.4	4.9
Cagayan Valley	..	..	4.9	..	..	..	..	1.5	1.2	1.4
Cagayan	..	..	4.9	..	..	..	..	1.5	1.2	1.4
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	19.5	28.3	4.7	36.3	903.0	53.5	49.7	102.5	151.3	45.2
Batangas	..	..	..	..	1.0	0.9	..	..	1.7	..
Cavite	9.8	23.7	0.2	17.8	39.9	23.2	45.2	101.8	148.5	45.2
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	9.7	4.6	4.6	18.5	862.2	29.5	4.6	0.7	1.0	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	306.0	490.3	589.0	480.4	412.4.14	395.5	341.7	281.6	300.3	295.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	111.7	125.6	101.5	86.2	90.8	82.6	85.0	85.0	92.0	93.6
Oriental Mindoro	3.0	4.3	3.8	3.7	..	..	..	..	..	..
Palawan	191.3	360.4	483.7	390.6	321.6	312.9	256.7	196.5	208.4	201.9
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	22.0	28.3	23.4	4.9	15.1	14.4	30.1	26.0	20.5	14.5
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	1.0	0.5	..	..	..	..	..	..	..	..
Camarines Sur	8.0	8.5	8.0	2.0	15.1	14.4	30.1	26.0	20.5	14.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	13.0	19.3	15.4	2.9	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1,423.5	1,473.7	1,995.0	3,027.1	3,543.6	3,862.9	3,435.2	3,068.1	2,476.7	1,763.7
Aklan	..	..	..	1.8	..	..	..	..	..	..
Antique	6.1	5.9	10.6	5.5	7.0	5.8	5.1	7.6	8.1	4.3
Capiz	..	382.2	782.0	888.4	976.5	992.0	1,223.0	751.7	223.1	173.6
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,024.7	711.6	785.2	974.1	954.4	1,259.5	867.0	757.1	652.8	272.2
Negros Occidental	392.7	374.1	417.3	1,157.3	1,605.6	1,605.7	1,340.2	1,551.7	1,592.7	1,313.6
Central Visayas	7.3	18.4	12.0	11.0	9.3	7.5	9.5	17.6	0.9	9.2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	7.3	18.4	12.0	11.0	9.3	7.5	9.5	17.6	0.9	9.2
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	168.7	186.7	125.9	55.9	..	..	..	1.4	..	..
Biliran	3.6	..	..	..	..	..	..	..	..	..
Eastern Samar	36.3	29.0	15.9	..	..	..	..	..	..	..
Leyte	110.8	125.3	98.4	47.5	..	..	..	1.4	..	..
Northern Samar	4.1	1.7	1.6	..	..	..	..	..	..	..
Southern Leyte	5.0	15.6	4.2	6.9	..	..	..	..	..	..
Samar	9.0	15.2	5.9	1.5	..	..	..	..	..	..
Zamboanga Peninsula	17.3	6.2	26.5	10.8	9.2	..	2.9	..	..	..
Zamboanga del Norte	11.1	5.4	24.1	7.4	..	..	2.9	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	5.8	..	..	2.4.1	..	..	..	..	..	..
Zamboanga Sibugay	0.5	0.9	2.4.1	1.0	9.2	..	..	..	..	..
Northern Mindanao	77.9	242.6	257.0	155.6	241.0	109.5	95.1	102.1	125.3	120.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	77.9	242.6	257.0	155.6	241.0	109.5	95.1	102.1	125.3	120.2
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	0.7	..	..	..	..	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	0.7	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	12.7	25.5	14.9	26.2	30.9	22.0	27.6	7.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	12.7	25.5	14.9	26.2	30.9	22.0	27.6	7.8
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	14.5	13.3	16.5	8.5	20.3	33.1	..	..	..	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	14.5	13.3	16.5	8.5	20.3	32.2	..	..	..	..
Surigao del Sur	..	0.1	..	..	..	0.9	..	..	..	..
ARMM	1.1	4.5	7.7	11.8	11.5	11.5	11.7	16.7	14.2	7.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	1.1	4.5	7.7	11.8	11.5	11.5	11.7	16.7	14.2	7.1
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Round Herring (Tulis)										
Philippines	**5,924.6**	**5,664.7**	**5,414.1**	**4,101.3**	**3,649.8**	**3,175.7**	**1,553.1**	**1,466.2**	**1,550.7**	**999.2**
NCR	4.0	..	16.8	..	..	..	80.7	..	83.6	..
Metro Manila	4.0	..	16.8	..	..	..	80.7	..	83.6	..
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	41.5	98.0	93.2	47.9	8.3	6.0	9.7	13.9	7.9	9.5
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0.9	..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pangasinan	40.6	98.0	93.2	47.8	8.3	6.0	9.7	13.9	7.9	9.4
Cagayan Valley	0.6	0.7	6.0	30.6	57.8	52.9	39.8	64.0	73.1	70.6
Cagayan	0.6	0.7	6.0	30.6	57.8	52.9	39.8	64.0	73.1	70.6
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	7.4	6.5	5.7	..	..	..	..	..	..	..
Aurora	0.2	..	..	..	..	..	..	..	..	..
Bataan	7.2	6.5	2.6	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	3.1	..	..	..	..	..	..	..
CALABARZON	143.8	184.3	247.2	114.2	133.8	99.2	30.4	22.5	16.1	30.0
Batangas	142.9	144.0	45.4	37.3	38.5	31.6	30.1	21.9	13.0	30.0
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	0.9	40.3	201.8	76.9	95.3	67.6	0.2	0.7	3.2	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	208.4	462.5	267.6	226.8	268.9	243.3	335.9	272.7	291.0	293.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	117.7	128.9	138.0	98.5	112.6	102.2	102.5	100.6	99.3	99.6
Oriental Mindoro	3.0	5.2	5.1	5.0	..	..	..	..	..	..
Palawan	87.7	328.4	124.5	123.2	156.3	141.1	233.4	172.1	191.7	193.9
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	417.0	571.6	532.8	320.7	350.8	383.9	319.3	373.4	545.7	165.7
Albay	115.0	230.2	273.8	50.3	50.4	67.2	30.3	30.1	44.7	..
Camarines Norte	121.0	130.4	115.2	111.0	155.0	160.3	147.1	147.6	142.7	..
Camarines Sur	131.0	124.9	124.6	156.6	145.4	156.4	141.8	115.1	66.9	24.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	50.0	86.1	19.3	2.8	..	..	..	80.7	291.4	141.2
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	902.4	1,019.7	1,120.5	883.7	538.8	483.9	428.6	437.6	354.3	270.7
Aklan	..	..	..	8.3	15.4	14.6	14.1	12.8	12.9	11.5
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	8.2	8.3	7.3	4.9	9.2	1.6	..	103.4	30.3	7.3
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	90.1	270.1	395.2	459.8	407.2	455.6	409.7	313.7	295.3	217.8
Negros Occidental	804.1	741.4	718.0	410.7	107.0	12.1	4.9	7.8	15.8	34.2
Central Visayas	..	..	..	..	..	..	..	..	7.7	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	7.7	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	98.6	198.6	208.0	142.4	197.4	125.2	103.1	123.0	52.4.17	36.6
Biliran	..	..	..	..	1.7	2.3	..	..	..	..
Eastern Samar	37.4	34.4	7.6	..	..	..	..	..	..	..
Leyte	20.9	56.7	79.6	47.0	44.0	..	..	54.1	..	..
Northern Samar	2.0	17.0	36.0	46.6	52.3	51.8	48.5	43.8	38.7	31.7
Southern Leyte	15.3	45.5	39.4	36.4	42.0	35.0	27.6	6.8	..	..
Samar	23.0	45.1	45.4	12.4	57.5	36.2	27.0	18.2	13.7	4.9
Zamboanga Peninsula	128.5	117.8	177.0	221.8	183.4	159.0	174.5	117.7	83.6	83.8
Zamboanga del Norte	90.4	97.8	92.9	79.0	128.8	101.1	101.1	88.5	66.7	71.3
Zamboanga del Sur	..	..	..	8.8	..	..	..	..	..	..
Zamboanga City	36.2	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	1.9	20.0	84.0	134.0	54.6	57.9	73.4	29.1	16.8	12.5
Northern Mindanao	63.9	15.2	..	6.2	8.3	5.1	4.9	2.4.16	2.4.13	3.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	47.5	15.2	..	6.2	8.3	5.1	4.9	2.4.16	2.4.13	3.6
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	16.4	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	7.0	..	3.0
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	..	..	..	..	3.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	7.0	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	0.1	..	57.8	45.2	6.8	..	..	..	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	57.8	45.2	3.8	..	..	..	..
Surigao del Sur	..	0.1	..	..	..	2.9	..	..	..	..
ARMM	3,908.6	2,989.7	2,739.5	2,049.4	1,857.2	1,610.6	26.2	31.9	32.8	32.4.13
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	6.7	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	3,901.9	2,989.7	2,733.1	2,043.1	1,844.8	1,584.0	..	..	..	..
Tawi-tawi	..	..	6.4	6.3	12.4.1	26.7	26.2	31.9	32.8	32.4.13

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Roundscad (Galunggong)										
Philippines	**186,450.0**	**244,670.9**	**212,100.5**	**171,628.5**	**194,671.2**	**172,498.5**	**167,152.7**	**200,393.5**	**197,090.1**	**164,443.0**
NCR	34,126.3	40,949.4	44,442.6	33,281.5	46,791.0	38,118.3	42,219.3	75,335.1	76,163.9	47,740.4
Metro Manila	34,126.3	40,949.4	44,442.6	33,281.5	46,791.0	38,118.3	42,219.3	75,335.1	76,163.9	47,740.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	680.1	826.4	742.9	515.5	525.6	601.4	428.5	508.2	489.0	613.5
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	234.6	135.8	91.5	83.1	99.2	92.0	88.6	86.6	81.1	77.2
La Union	61.0	53.0	27.3	14.0	3.5	4.4	4.5	3.9	4.0	3.8
Pangasinan	384.5	637.6	624.1	418.4	422.9	505.0	335.4	417.7	403.9	532.5
Cagayan Valley	618.7	669.4	867.6	574.4	716.1	739.3	642.1	661.7	725.8	787.1
Cagayan	618.7	669.4	867.6	574.4	716.1	739.3	642.1	661.7	725.8	787.1
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	934.7	908.4	732.7	557.0	404.1	506.9	466.8	535.0	529.7	480.5
Aurora	3.3	12.7	24.6	21.8	24.2	19.6	18.6	19.3	18.8	9.7
Bataan	366.0	380.5	276.5	118.7	..	..	..	..	..	..
Bulacan	2.0	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	563.5	515.3	431.5	416.6	379.9	487.2	448.2	515.7	510.8	470.9
CALABARZON	26,507.4	19,867.1	17,829.4	18,356.0	18,631.6	17,054.2	16,165.8	20,164.4	19,464.4	21,922.2
Batangas	625.9	1,049.2	1,132.4	1,221.5	1,353.2	1,320.6	1,164.9	1,258.2	1,000.3	944.3
Cavite	629.4	1,029.4	1,266.0	1,116.8	1,419.3	1,282.7	1,532.0	1,627.7	1,921.1	1,944.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	25,252.2	17,788.5	15,431.1	16,017.8	15,859.1	14,450.9	13,468.9	17,278.6	16,543.0	19,033.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	10,552.1	9,918.9	9,271.4	7,761.0	8,094.7	8,702.7	9,278.0	8,976.5	9,220.3	8,569.6
Marinduque	82.1	69.3	29.3	18.6	18.1	9.1	8.3	15.9	16.3	15.7
Occidental Mindoro	2,264.4	2,334.4	2,259.8	1,747.6	1,752.6	1,676.6	1,672.6	1,663.6	1,691.7	1,701.2
Oriental Mindoro	703.0	796.3	771.3	820.9	844.8	854.5	824.1	895.1	923.0	965.0
Palawan	7,400.0	6,571.7	6,062.0	5,122.0	5,391.3	6,093.5	6,698.2	6,275.3	6,437.9	5,750.8
Romblon	102.5	147.2	149.1	51.9	87.9	69.0	74.8	126.5	151.4	136.9
Bicol Region	12,640.5	13,865.0	13,794.6	15,345.9	17,106.9	17,044.7	16,737.8	17,238.4	17,256.8	17,016.8
Albay	368.0	569.7	642.6	984.0	1,001.6	1,058.4	1,116.5	1,154.8	1,258.0	1,223.1
Camarines Norte	713.0	876.7	1,217.7	1,250.6	1,324.2	1,287.4	1,313.0	1,345.1	1,366.3	2,125.2
Camarines Sur	9,072.0	9,683.8	9,335.6	10,892.4	12,374.3	12,442.4	12,613.0	12,447.7	12,488.2	11,949.0
Catanduanes	..	144.8	77.3	71.9	53.2	51.5	46.9	48.7	49.1	45.7
Masbate	2,076.0	2,372.6	2,231.5	1,962.7	2,187.4	2,088.7	1,466.4	1,949.7	1,821.3	1,614.8
Sorsogon	411.6	217.4	289.9	184.3	166.2	116.4	182.0	292.4.15	273.8	59.0
Western Visayas	6,365.6	7,567.3	7,032.7	7,282.2	8,402.5	7,839.5	7,787.0	9,121.1	9,228.9	8,357.9
Aklan	118.6	147.6	173.7	166.0	202.8	203.1	203.8	233.1	248.6	247.9
Antique	697.2	886.0	815.6	1,227.7	2,501.7	2,144.1	1,872.6	1,838.3	1,830.9	1,979.2
Capiz	957.7	976.2	932.5	974.3	973.0	899.0	1,157.0	1,554.8	1,185.2	1322.4.14
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	3,630.9	4,441.5	4,128.4	4,170.1	3,610.9	3,635.1	3,307.6	4,253.5	4,945.0	3,903.7
Negros Occidental	961.1	1,116.0	982.4.17	744.1	1,114.1	958.2	1,246.1	1,241.3	1,019.3	904.6
Central Visayas	15,090.7	20,003.2	18,796.6	14,579.4	13,385.1	11,330.6	11,119.2	11,447.7	7,165.9	7,417.1
Bohol	2,038.0	2,351.3	3,001.4	1,351.1	664.3	350.6	380.9	786.8	524.9	775.4
Cebu	11,972.6	16,184.2	14,420.8	12,133.2	11,654.0	9,872.2	9,772.2	9,685.4	5,257.2	5,261.1
Negros Oriental	1,073.5	1,449.9	1,374.4	1,095.1	1,066.8	1,107.8	966.1	975.5	1,383.8	1,380.6
Siquijor	6.5	17.7	.	.	.	.	.	.	.	.
Eastern Visayas	7,136.3	8,311.2	8,716.4	9,227.7	9,566.3	8,964.2	7,289.5	6,294.0	5,205.3	4,833.5
Biliran	1,596.0	1,712.9	1,399.2	1,340.7	1,401.4	1,158.1	1,107.5	1,005.9	1,016.6	996.8
Eastern Samar	866.0	1,048.5	1,054.6	1,137.8	1,993.0	2,068.9	2,178.7	2,032.9	1,484.7	1,284.5
Leyte	2,308.0	2,695.7	2,992.7	4,227.9	4,045.8	3,661.6	2,028.6	1,447.0	788.2	870.6
Northern Samar	280.0	338.3	290.6	301.1	272.4.11	271.8	263.7	266.1	272.9	283.6
Southern Leyte	423.3	869.8	1,165.7	782.7	811.0	769.1	663.0	470.7	450.2	442.9
Samar	1,663.0	1,646.0	1,813.6	1,437.5	1,042.7	1,034.8	1,048.0	1,071.4	1,192.8	955.1
Zamboanga Peninsula	39,000.4	86,300.4	52,925.4	27,386.4	30,431.4	19,958.7	14,159.8	15,161.1	15,613.6	12,136.3
Zamboanga del Norte	3,548.0	4,879.3	3,447.8	3,012.7	2,820.8	2,829.8	2,909.9	2,737.3	3,138.5	3,473.7
Zamboanga del Sur	3,225.2	2,700.0	2,592.6	3,448.9	4,496.2	4,350.1	3,408.5	3,330.9	3,646.8	3,678.6
Zamboanga City	31,409.3	77,703.9	45,361.7	19,743.1	22,425.2	12,585.4	7,679.9	8,914.6	8,709.7	4,909.1
Zamboanga Sibugay	818.0	1,017.2	1,523.3	1,181.6	689.2	193.4	161.5	178.3	118.6	75.0
Northern Mindanao	6,913.5	8,675.7	8,317.6	6,501.2	6,262.2	5,232.2	4,119.9	4,142.1	4,481.0	4,697.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	12.8	72.4	88.9	16.4	8.6	11.3	24.4	86.5	0.2	13.2
Lanao del Norte	514.2	630.7	493.5	1,388.2	1,254.6	1,024.6	994.1	1,174.8	1,105.1	1,140.5
Misamis Occidental	4,333.2	5,121.7	5,486.5	3,312.9	2,970.3	2,777.8	2,630.9	2,588.6	2,841.1	2,930.6
Misamis Oriental	2,053.2	2,850.9	2,248.8	1,783.7	2,028.7	1,418.6	470.5	292.2	534.6	613.6
Davao Region	2,177.7	2,223.4	2392.4.18	1,986.2	2,417.6	2,513.7	2,790.4	1,983.0	1,335.8	759.4
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	928.0	1,308.8	1,661.7	1,334.3	1,521.7	1,504.6	1,888.3	1,280.8	561.0	227.5
Davao City	451.7	283.6	158.1	147.8	246.4	183.0	203.4	210.9	311.3	182.5
Davao Oriental	798.0	631.1	572.7	504.1	649.5	826.1	698.7	491.2	463.5	349.5
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	6,799.9	8,332.0	8,931.0	9,814.6	12,318.6	13,905.4	13,868.7	9,029.8	9,762.7	8,604.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	73.1	4.5	20.2	38.8	53.6	82.8	101.8	87.8	43.7	18.9
South Cotabato	5,950.3	7,493.3	8,043.6	8,905.7	11,406.3	13,035.3	13,039.4	8,233.2	9,022.7	7,876.5
Sultan Kudarat	776.5	834.2	867.2	870.1	858.6	787.3	727.5	708.8	696.3	708.6
Caraga	468.9	347.8	327.5	317.7	434.5	379.7	458.6	537.4	312.8	282.5
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	378.1	272.3	293.7	277.8	249.7	187.3	254.9	371.9	195.8	144.7
Surigao del Sur	90.7	75.5	33.8	39.9	184.8	192.4	203.7	165.5	117.0	137.8
ARMM	16,437.5	15,905.5	16,979.7	18,141.8	19,183.1	19,607.3	19,621.3	19,258.1	20,134.3	20,224.3
Basilan	5,046.0	5,250.6	5,482.8	5,269.6	5,450.8	5,586.9	5,329.1	5,366.9	5,598.4	5,389.5
Lanao del Sur	597.2	593.9	605.9	608.9	616.1	614.8	608.9	605.9	663.2	703.8
Maguindanao	341.1	48.3	240.3	239.4	261.0	264.3	253.7	243.6	246.4	188.2
Sulu	10,453.3	10,001.4	10,627.5	12,001.4	12,830.6	13,117.2	13,403.4	13,011.9	13,592.9	13,900.9
Tawi-tawi	..	11.3	23.2	22.5	24.5	24.0	26.1	29.9	33.5	41.9

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Siganid (Samaral)										
Philippines	**1,287.2**	**1,879.1**	**1,961.5**	**2,086.8**	**1,495.0**	**1,166.6**	**1,403.2**	**2,129.7**	**1842.4.11**	**1,692.0**
NCR	58.7	32.0	21.9	16.4	17.4	23.9	19.5	13.9	23.4	283.9
Metro Manila	58.7	32.0	21.9	16.4	17.4	23.9	19.5	13.9	23.4	283.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	52.8	88.5	99.8	40.8	7.0	8.9	11.0	19.6	22.7	23.4
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	3.8	3.5	5.5	4.5	3.9	3.4	4.0	3.0	3.1	2.7
Pangasinan	49.0	85.0	94.3	36.3	3.1	5.6	7.0	16.6	19.6	20.7
Cagayan Valley	0.9	1.1	0.5	21.4	2.6	1.6	0.7	3.5	4.9	7.0
Cagayan	0.9	1.1	0.5	21.4	2.6	1.6	0.7	3.5	4.9	7.0
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	2.7	2.0	..	..	..	..	..	..	..	..
Aurora	0.2	..	..	..	..	..	..	..	..	..
Bataan	2.5	2.0	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	30.6	109.8	254.1	179.6	93.3	1.4	64.8	24.6	10.1	1.0
Batangas	..	..	..	..	..	..	0.8	1.5	2.7	..
Cavite	17.5	20.1	9.2	27.1	13.8	1.0	8.0	3.4	2.9	1.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	13.1	89.7	244.9	152.4.19	79.5	0.4	56.0	19.7	4.5	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	68.2	375.7	336.8	320.4	309.5	388.6	354.0	303.3	337.3	404.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	42.2	43.2	43.5	31.2	46.9	44.7	45.9	45.9	49.1	49.5
Oriental Mindoro	2.0	6.3	5.8	5.5	5.3	5.0	4.1	5.3	4.4	4.5
Palawan	24.0	326.3	287.5	283.7	257.3	338.9	304.0	252.1	283.8	350.5
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	128.0	173.9	169.4	213.1	217.5	218.3	216.2	186.1	135.9	21.2
Albay	..	..	..	..	..	..	0.6	0.6	..	..
Camarines Norte	17.0	20.0	17.3	23.1	28.1	26.3	27.4	28.1	28.9	..
Camarines Sur	90.0	116.7	124.5	185.3	181.8	181.1	188.3	157.5	107.0	19.6
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	21.0	37.2	27.6	4.6	..	11.0	..	..	..	..
Sorsogon	..	..	..	..	7.7	..	..	..	..	1.6
Western Visayas	75.7	109.8	181.0	113.0	110.7	83.7	61.6	129.3	76.1	71.2
Aklan	..	..	0.2	0.4	..	..	..	..	12.2	19.5
Antique	71.5	108.9	180.2	100.3	109.0	69.0	51.1	47.0	46.1	24.5
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	4.2	0.9	0.6	12.3	0.1	12.4.14	..	..	..	..
Negros Occidental	..	..	..	..	1.6	2.3	10.4	82.3	17.8	27.2
Central Visayas	5.7	7.0	29.3	52.1	85.6	49.0	47.5	48.1	0.7	2.6
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	5.7	7.0	29.3	52.1	20.5	15.5	15.5	12.0	..	..
Negros Oriental	..	..	..	..	65.1	33.5	32.1	36.1	0.7	2.6
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	600.6	710.5	684.3	618.1	334.1	..	..	366.5	264.2	59.2
Biliran	..	..	..	..	0.2	..	..	..	..	..
Eastern Samar	105.6	75.9	63.2	..	..	..	..	..	..	..
Leyte	435.7	530.6	534.9	530.0	289.0	..	..	366.5	264.2	59.2
Northern Samar	29.7	33.4	64.8	77.2	24.8	..	..	..	..	..
Southern Leyte	3.8	..	..	..	..	..	..	..	..	..
Samar	26.0	70.6	21.5	10.9	20.1	..	..	..	..	..
Zamboanga Peninsula	27.3	143.2	15.4	226.6	110.5	8.6	1.8	3.6	85.3	9.0
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	130.8	11.6	219.0	101.5	..	..	..	..	..
Zamboanga City	15.5	..	..	..	..	..	..	1.3	84.0	8.6
Zamboanga Sibugay	11.8	12.4	3.8	7.6	9.0	8.6	1.8	2.3	1.3	0.4
Northern Mindanao	..	..	113.2	156.7	94.7	113.6	97.0	118.3	147.9	125.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	113.2	151.7	94.7	93.6	91.9	118.3	147.9	125.3
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	5.0	..	20.0	5.1	..	..	0.2
Davao Region	173.2	73.2	0.4	10.8	0.7	1.5	..	382.6	205.4	156.0
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	173.0	73.2	..	..	..	..	..	382.6	205.4	156.0
Davao City	0.2	..	0.4	1.4	0.7	1.5	..	..	..	..
Davao Oriental	..	..	..	9.5	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	16.3	18.1	14.2	1.6	23.9	10.0	9.1	13.5	2.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	16.3	18.1	14.2	1.6	23.9	10.0	9.1	13.5	2.9
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	36.5	32.6	33.7	100.4	105.3	109.1	13.8	12.9	6.7	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	34.5	32.5	33.7	100.4	105.3	108.1	6.7	8.2	5.7	..
Surigao del Sur	2.0	0.1	..	..	..	1.0	7.0	4.7	1.0	..
ARMM	26.4	3.4	3.6	3.1	4.6	134.4	505.2	508.4	508.4	524.7
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	2.9	..	..	..	..	..	..	..	..
Maguindanao	26.4	0.5	3.6	3.1	4.6	3.9	3.7	3.4	3.3	1.1
Sulu	..	..	..	..	..	130.5	496.1	498.6	498.0	515.6
Tawi-tawi	..	..	..	..	..	..	5.3	6.4	7.1	8.1

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Skipjack (Gulyasan)										
Philippines	**130,930.0**	**152,098.1**	**181,562.9**	**201,262.5**	**177,698.1**	**147,979.4**	**165,105.3**	**171,261.1**	**194,583.4**	**199,152.5**
NCR	7,732.0	4,618.1	3,915.1	3,067.7	4,882.6	3,271.5	1,865.3	2,455.0	2,317.5	2,351.2
Metro Manila	7,732.0	4,618.1	3,915.1	3,067.7	4,882.6	3,271.5	1,865.3	2,455.0	2,317.5	2,351.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	432.9	314.3	305.9	282.4.16	247.7	225.0	213.1	214.3	213.3	257.5
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	427.9	309.2	256.6	196.0	217.7	216.3	209.1	206.0	203.7	202.2
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	5.0	5.1	49.3	86.4	30.0	8.7	4.0	8.3	9.6	55.3
Cagayan Valley	265.1	324.3	288.7	447.7	490.0	451.1	386.2	321.0	350.5	345.2
Cagayan	265.1	324.3	288.7	447.7	490.0	451.1	386.2	321.0	350.5	345.2
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,555.1	1,651.8	1,883.4	1,437.2	1,666.5	1,741.0	1,426.6	1,287.2	1,338.7	1,152.6
Aurora	8.1	12.3	12.4	27.3	14.2	20.6	18.6	19.2	19.7	2.2
Bataan	30.7	25.5	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1,516.3	1,613.9	1,871.0	1,409.9	1,652.3	1,720.3	1,408.0	1,268.0	1,318.9	1,150.4
CALABARZON	1,769.7	3,094.7	2,819.4	2,980.7	3,016.9	1,868.2	2,273.0	1,784.0	2,140.3	2,583.6
Batangas	437.9	559.0	560.0	685.2	785.8	858.4	1,059.3	930.5	771.0	568.0
Cavite	120.0	142.9	147.2	179.3	355.9	251.0	242.0	297.9	457.1	535.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,211.9	2,392.8	2,112.2	2,116.2	1,875.2	758.9	971.8	555.6	912.2	1,479.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,961.2	2,059.0	1,968.6	2,445.1	1,861.6	1,638.8	1,605.6	1,603.2	1,655.4	1,603.1
Marinduque	7.1	4.7	..	18.3	15.8	4.0	1.2	3.8	4.2	1.6
Occidental Mindoro	850.1	932.1	952.4.1	773.1	493.0	596.1	534.0	535.9	548.0	555.0
Oriental Mindoro	99.0	117.7	113.8	119.0	99.4	95.2	90.7	96.1	90.8	84.2
Palawan	953.7	929.7	821.5	1,343.5	1,192.6	761.8	712.4	758.8	757.3	688.2
Romblon	51.4	74.9	81.0	191.3	60.7	181.8	267.3	208.8	255.1	274.1
Bicol Region	668.9	971.6	762.8	695.2	766.0	690.9	651.6	617.3	394.3	337.1
Albay	286.0	436.0	391.8	394.5	435.4	383.4	299.1	289.6	36.1	129.0
Camarines Norte	138.0	144.6	133.1	175.7	193.3	185.7	190.6	201.8	213.0	113.6
Camarines Sur	187.8	283.6	143.0	60.2	61.2	75.3	65.9	59.0	53.0	44.8
Catanduanes	..	..	..	..	..	..	2.6	8.6	8.8	6.9
Masbate	10.0	11.1	9.1	2.6	..	..	..	..	..	..
Sorsogon	47.1	96.3	85.8	62.3	76.1	46.5	93.5	58.3	83.3	42.8
Western Visayas	1,400.8	1,423.4	1,378.5	1,539.9	1,435.6	1,467.7	1,303.2	1,450.3	1,296.7	1,177.9
Aklan	20.7	34.5	33.9	39.8	38.2	37.6	33.5	48.6	58.9	61.3
Antique	521.0	530.0	498.0	686.3	619.2	619.3	683.7	633.0	596.2	583.8
Capiz	258.4	273.3	239.8	261.0	243.0	195.0	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	600.7	585.6	606.9	552.8	500.7	589.3	561.8	752.3	623.0	512.5
Negros Occidental	..	..	..	..	34.5	26.5	24.3	16.5	18.6	20.2
Central Visayas	609.0	809.2	795.9	890.3	1,073.6	900.7	796.2	743.6	533.1	475.7
Bohol	113.0	7.9	16.9	7.8	4.3	0.2	..	1.0	1.8	1.1
Cebu	57.0	22.5	15.0	10.0	41.4	26.0	38.4	32.0	28.0	33.0
Negros Oriental	439.1	778.8	764.0	872.5	1,028.0	874.5	757.9	710.6	503.3	441.7
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	1,245.0	2,127.5	2,217.5	4,262.3	3,998.1	4,703.5	4,575.0	3,890.4	2,868.6	2,406.6
Biliran	36.7	23.9	7.5	..	7.7	8.0	1.8	2.1	2.0	1.1
Eastern Samar	740.3	1,557.7	1,612.8	3,230.8	3,652.9	4,420.6	4,127.3	3,456.3	2,594.1	2,174.9
Leyte	405.0	496.3	544.0	789.6	139.5	92.9	230.9	187.7	14.3	11.0
Northern Samar	15.6	2.8	8.0	131.7	91.0	76.3	91.8	114.3	124.7	123.6
Southern Leyte	37.5	35.8	45.2	110.2	107.0	105.8	123.2	130.1	133.5	95.9
Samar	10.0	11.0	..	..	..	..	..	..	..	..
Zamboanga Peninsula	19,188.0	29,835.1	8,716.3	12,819.4	9,010.6	7,095.6	6,568.1	7,138.2	8,099.0	6,483.3
Zamboanga del Norte	2,904.1	2,122.6	1,378.0	893.5	496.9	539.4	162.7	282.6	232.7	173.8
Zamboanga del Sur	1,705.1	1,777.0	2,182.2	2,165.9	2,885.4	3,394.5	3,471.7	3,475.7	3,896.3	3,693.1
Zamboanga City	14,545.5	25,877.7	5,076.8	9,523.3	5,554.7	3,161.8	2,933.7	3,379.9	3,959.9	2,616.4
Zamboanga Sibugay	33.4	57.9	79.4	236.7	73.6	..	..	..	10.1	..
Northern Mindanao	393.7	721.3	739.3	760.4	942.4.14	868.3	729.3	409.0	602.9	507.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	3.2	1.8	0.4	2.9	32.9	48.9	99.4	14.4	86.9	23.8
Lanao del Norte	66.6	358.7	408.7	564.0	651.1	501.6	473.0	271.5	305.7	259.1
Misamis Occidental	307.0	346.4	317.4	168.3	206.2	152.0	127.9	111.5	123.8	120.6
Misamis Oriental	16.9	14.4	12.8	25.4	52.3	165.8	29.0	11.6	86.6	104.4
Davao Region	820.3	2,202.0	1,471.2	1,153.6	1222.4.17	1,183.3	875.4	382.6	599.2	485.9
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	372.2	1,389.1	730.8	626.5	927.4	862.0	595.7	82.3	63.7	41.9
Davao City	12.8	33.1	18.2	19.8	19.1	22.0	19.2	15.2	30.7	20.9
Davao Oriental	435.3	779.9	722.2	507.3	276.1	299.2	260.5	285.1	504.8	423.1
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	88,056.6	95,073.1	146,371.7	160,348.7	138,798.3	113,682.7	133,695.2	140,411.6	163,130.6	169,759.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	60.3	46.6	51.2	48.3	59.2	279.6	234.1	135.0	55.5	15.0
South Cotabato	87,268.6	94,325.5	145,639.0	159602.4.1	138,044.8	112,717.7	132,765.0	139,535.4	162,145.6	168,853.2
Sultan Kudarat	727.7	701.0	681.5	698.0	694.3	685.4	696.1	741.3	929.5	891.0
Caraga	626.4	958.6	1,379.6	926.8	970.7	664.5	658.4	797.1	1,062.6	950.1
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	578.3	890.1	1,289.9	808.8	765.8	532.1	492.5	640.1	815.3	756.2
Surigao del Sur	48.2	68.5	89.7	118.0	204.9	132.4	165.9	157.0	247.3	193.9
ARMM	4,205.3	5,914.3	6,549.1	7,205.1	7,315.0	7,526.8	7,483.3	7,756.3	7,980.9	8,275.7
Basilan	156.3	181.4	214.4	249.6	268.5	248.8	247.1	376.9	391.8	422.9
Lanao del Sur	5.6	6.5	6.2	6.4	5.6	5.5	5.4	20.3	22.2	18.1
Maguindanao	10.0	1.4	1.6	1.7	2.2	3.2	1.4	1.7	1.6	7.6
Sulu	4,033.5	5,720.8	6,308.2	6,922.1	7,006.8	7,237.5	7,198.8	7,321.6	7,524.0	7,773.6
Tawi-tawi	..	4.2	18.8	25.4	32.0	31.8	30.5	36.0	41.4	53.6

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Slipmouth (Sapsap)										
Philippines	**32,662.1**	**28,551.6**	**25,128.1**	**21,543.9**	**20,308.5**	**19,533.8**	**17,672.8**	**15052.4.12**	**14,793.4**	**13,637.0**
NCR	70.0	65.5	68.9	132.3	178.9	190.6	286.0	470.5	1,245.5	869.2
Metro Manila	70.0	65.5	68.9	132.3	178.9	190.6	286.0	470.5	1,245.5	869.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	228.2	371.3	396.2	110.6	52.8	55.1	60.5	82.5	88.3	94.4
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	12.0	..	..	..	..	..	..	..	..
La Union	72.7	81.3	52.4.13	20.7	18.9	36.9	30.1	34.7	36.9	37.3
Pangasinan	155.5	278.0	343.7	89.9	33.9	18.3	30.3	47.9	51.4	57.1
Cagayan Valley	1,323.4	1,190.2	877.7	1,109.0	1,034.3	1,016.1	746.4	773.6	778.4	860.1
Cagayan	1,323.4	1,190.2	877.7	1,109.0	1,034.3	1,016.1	746.4	773.6	778.4	860.1
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	205.3	244.8	265.0	126.7	38.4	40.5	18.9	23.6	26.0	17.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	150.6	157.8	162.8	85.0	..	..	..	..	..	..
Bulacan	39.0	56.0	57.5	39.0	33.0	38.0	18.9	23.6	26.0	15.2
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	15.7	31.0	44.8	2.7	5.4	2.5	..	..	..	2.7
CALABARZON	8,387.5	6,779.7	4,957.0	3,369.0	3,437.9	3,320.6	2,729.8	414.5	458.5	730.0
Batangas	20.1	19.5	..	12.2	30.4	22.5	60.0	22.2	31.3	45.7
Cavite	86.3	45.1	15.8	56.1	65.2	33.4	33.8	54.6	45.4	37.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	8,281.2	6,715.1	4,941.2	3,300.7	3,342.2	3,264.6	2,636.0	337.6	381.8	646.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,786.9	3,583.5	3,185.7	2,584.1	2,941.1	2,937.1	2,809.7	3,317.6	3,503.0	2,563.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	534.9	513.3	529.9	320.6	304.7	283.5	278.9	275.7	269.8	264.4
Oriental Mindoro	193.0	203.2	197.7	194.4	184.9	178.5	168.7	172.2	187.2	181.5
Palawan	3,059.0	2,867.0	2,458.1	2,069.0	2,451.6	2,475.1	2,362.2	2,869.8	3,046.1	2,117.2
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	1,191.5	1,496.3	1,717.7	1,882.9	1,863.1	1,912.1	1,801.8	1,927.2	1,780.0	1,692.7
Albay	53.0	73.9	75.0	..	2.0	62.4.15	79.9	161.8	172.0	161.9
Camarines Norte	245.0	257.4	228.0	247.1	255.0	251.7	220.3	240.9	244.1	149.0
Camarines Sur	407.0	429.6	677.3	1,038.2	902.7	915.7	919.5	827.3	652.6	488.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	481.0	727.4	737.5	597.6	703.4	682.3	582.2	697.2	688.8	877.9
Sorsogon	5.5	8.1	..	..	..	..	..	..	22.5	15.6
Western Visayas	10,019.5	8,561.3	8,315.6	7,580.1	6,195.5	6,003.0	5,058.6	4,481.7	4,769.1	4,246.2
Aklan	87.7	54.3	49.0	50.0	42.4.11	38.1	33.4	30.5	29.2	36.1
Antique	1.3	1.3	1.3	0.7	0.7	9.4	37.3	80.9	127.5	239.1
Capiz	977.0	1,028.0	1,034.2	1,100.8	985.8	1,009.0	802.0	616.1	786.9	959.9
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	5,493.7	4,135.7	4,502.7	2,979.6	2,011.1	1,906.9	1,204.3	907.8	540.1	300.3
Negros Occidental	3,459.8	3,342.1	2,728.4	3,449.1	3,155.5	3,039.6	2,981.7	2,846.6	3,285.4	2,710.8
Central Visayas	913.9	992.4.17	897.6	810.9	715.0	658.0	678.2	770.9	338.9	615.6
Bohol	..	..	50.7	29.7	..	..	..	..	..	..
Cebu	763.3	865.8	721.2	682.8	631.0	631.0	672.5	770.9	338.9	615.6
Negros Oriental	150.6	126.7	125.8	98.5	84.0	27.0	5.7	..	..	..
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	3,021.5	3,177.3	2,325.8	2,005.1	2,351.5	2,351.0	2,361.4	1,808.4	1,139.7	1,102.8
Biliran	378.5	346.6	311.7	85.4	66.6	47.4	28.3	26.3	26.7	25.7
Eastern Samar	508.8	446.0	287.3	125.4	162.7	194.3	195.5	174.6	71.4	57.9
Leyte	1,478.6	1,675.6	1,357.7	1,501.4	1,493.1	1,532.1	1,640.7	1,202.1	618.9	702.0
Northern Samar	32.8	45.7	32.7	26.0	49.2	56.5	59.7	47.7	42.3	36.5
Southern Leyte	66.2	47.0	..	..	..	..	..	..	..	..
Samar	556.7	616.5	336.4	267.1	580.0	520.7	437.2	357.7	380.4	280.7
Zamboanga Peninsula	2,951.2	1,406.0	1,499.8	1,427.1	1,044.8	742.2	811.0	582.7	240.6	486.6
Zamboanga del Norte	198.3	210.7	182.0	89.6	60.6	46.8	5.6	..	..	..
Zamboanga del Sur	..	68.4	95.5	184.3	73.8	..	43.4	37.3	46.7	37.8
Zamboanga City	1,329.2	335.4	477.4	461.3	383.2	301.1	278.0	256.8	26.0	291.1
Zamboanga Sibugay	1,423.7	791.5	745.0	692.0	527.3	394.2	484.1	288.6	168.0	157.7
Northern Mindanao	37.9	283.6	345.4	252.8	292.2	141.9	119.7	148.0	163.6	189.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	37.9	283.6	345.4	252.8	292.2	138.1	119.7	148.0	163.6	189.9
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	3.8	..	..	..	..
Davao Region	1.2	2.1	17.1	..	..	..	17.8	6.9	110.2	2.5
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	0.8	2.1	13.9	..	..	..	17.8	6.9	110.2	2.5
Davao City	0.5	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	3.3	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	11.8	21.1	9.8	8.5	11.6	11.8	7.4	4.5	17.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	11.8	21.1	9.8	8.5	11.6	11.8	7.4	4.5	17.2
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	371.1	237.7	108.8	45.8	55.6	57.6	55.0	114.0	24.4	11.9
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	310.0	189.3	97.5	44.2	47.5	41.0	27.7	92.7	15.6	8.4
Surigao del Sur	61.1	48.4	11.3	1.5	8.1	16.6	27.4	21.3	8.8	3.6
ARMM	152.9	147.9	128.7	97.8	98.9	96.7	106.3	122.9	122.8	137.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	0.8	3.9	6.1	7.0	7.8	7.7	7.5	24.0	21.9	41.2
Maguindanao	29.5	1.0	6.2	5.9	6.8	7.2	6.4	6.1	6.2	1.8
Sulu	122.7	131.8	98.2	65.2	63.5	61.6	74.7	74.0	75.5	76.0
Tawi-tawi	..	11.2	18.2	19.7	20.8	20.3	17.7	18.8	19.2	18.1

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Snapper (Maya-Maya)										
Philippines	**2,400.1**	**2,596.8**	**3,096.8**	**2,546.7**	**2,942.2**	**3,746.0**	**2,514.9**	**2,334.2**	**1,789.7**	**1,660.0**
NCR	7.0	..	1.0	0.4	..	..	..	3.1	1.8	14.7
Metro Manila	7.0	..	1.0	0.4	..	..	..	3.1	1.8	14.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	74.0	130.2	147.7	109.0	30.6	30.8	35.0	35.9	49.0	41.3
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	3.0	3.0	4.5	6.8	3.6	3.1	3.1	2.0	2.0	2.1
Pangasinan	71.0	127.2	143.2	102.2	26.9	27.7	31.9	33.9	46.9	39.3
Cagayan Valley	35.4	38.1	45.6	50.5	65.2	64.5	56.7	58.8	41.8	50.7
Cagayan	35.4	38.1	45.6	50.5	65.2	64.5	56.7	58.8	41.8	50.7
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	12.5	11.5	4.3	..	..	..	..	..	..	1.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	12.5	11.5	4.3	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	1.3
CALABARZON	28.5	73.2	97.5	219.2	740.3	1,218.3	301.5	131.2	151.4	201.4
Batangas	1.4	3.3	14.6	17.4	20.4	42.3	13.6	12.2	6.2	6.1
Cavite	0.5	11.4	2.2	5.1	5.7	5.2	2.3	0.5	0.4	2.1
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	26.6	58.5	80.7	196.8	714.2	1,170.8	285.7	118.5	144.7	193.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	316.4	697.2	616.1	569.7	520.5	595.6	601.4	560.4	547.5	633.2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	61.6	70.0	79.2	62.9	64.4	65.3	66.2	63.7	68.2	66.3
Oriental Mindoro	24.0	27.4	27.2	25.9	25.3	24.9	23.3	20.5	18.5	16.8
Palawan	230.8	599.8	509.6	481.0	430.8	505.4	511.9	476.2	460.7	550.2
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	77.0	72.1	65.1	57.6	52.6	78.2	74.9	65.4	39.5	41.2
Albay	4.0	..	..	..	1.0	21.1	30.0	52.9	29.6	30.7
Camarines Norte	21.0	25.7	32.9	32.8	34.6	38.1	32.4.12	6.8	8.3	6.1
Camarines Sur	12.0	10.0	12.0	20.8	17.0	16.0	11.0	4.0	..	..
Catanduanes	..	..	..	..	..	3.0	1.5	1.6	1.7	..
Masbate	40.0	36.3	20.2	3.5	..	..	..	..	..	..
Sorsogon	..	..	..	0.5	..	..	..	..	..	4.4
Western Visayas	585.6	632.6	695.5	699.1	802.9	1,346.1	1,099.8	1,071.8	615.7	366.3
Aklan	2.2	5.6	3.8	3.3	2.4.14	4.9	1.3	2.1	1.8	0.5
Antique	65.8	89.4	153.8	118.6	137.4	102.8	104.9	103.6	96.5	55.1
Capiz	446.5	458.0	430.7	472.1	506.3	522.0	536.0	255.0	29.3	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	46.6	47.9	74.5	86.9	85.1	99.9	62.6	57.7	70.8	35.5
Negros Occidental	24.6	31.7	32.6	18.3	71.7	616.5	395.1	653.3	417.3	275.2
Central Visayas	130.6	87.1	172.3	160.0	137.8	128.4	143.0	126.8	39.0	18.9
Bohol	4.0	1.0	..	..	..	..	..	..	..	..
Cebu	126.6	86.1	172.3	157.3	117.0	97.0	102.5	80.5	30.4	11.0
Negros Oriental	..	..	..	2.7	20.8	31.4	40.5	46.3	8.5	7.9
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	629.1	586.7	840.4	428.2	288.8	40.3	15.2	13.2	9.6	7.1
Biliran	30.2	34.2	18.0	9.6	2.5	2.9	0.5	0.5	0.3	0.3
Eastern Samar	191.7	101.6	96.9	..	..	..	..	..	..	..
Leyte	343.1	335.5	628.9	332.1	261.1	17.5	0.1	..	..	0.4
Northern Samar	46.0	68.6	59.0	72.4.14	25.2	19.8	14.7	12.7	9.3	6.4
Southern Leyte	7.2	26.8	6.9	..	..	..	..	..	..	..
Samar	11.0	20.0	30.7	14.1	..	..	..	..	..	..
Zamboanga Peninsula	332.4.1	5.3	55.4	9.3	11.5	11.2	17.0	15.8	66.2	59.1
Zamboanga del Norte	..	..	..	3.5	..	..	..	..	..	..
Zamboanga del Sur	..	..	23.2	0.2	0.5	..	..	..	..	..
Zamboanga City	40.2	..	..	..	..	..	..	..	37.0	..
Zamboanga Sibugay	292.2	5.3	32.2	5.5	11.1	11.2	17.0	15.8	29.2	59.1
Northern Mindanao	72.3	174.7	260.1	139.8	216.1	129.0	107.1	156.5	163.4	167.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	72.3	174.7	260.1	139.8	216.1	129.0	107.1	156.5	163.4	167.2
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	2.3	3.8	..	..	..	..	..	40.3	15.1	6.3
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	1.8	3.8	..	..	..	..	..	0.8	15.1	6.3
Davao City	0.5	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	39.5	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	20.8	41.9	50.6	49.3	13.7	37.0	33.0	28.5	26.4	11.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	7.0	..	..	..	..	..	..	..	..	..
South Cotabato	13.8	41.9	50.6	49.3	13.7	37.0	33.0	28.5	26.4	11.3
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	36.6	41.1	36.0	45.8	48.3	49.8	11.9	6.2	2.7	0.8
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	31.5	32.2	30.4	40.7	44.3	49.8	6.4	6.2	2.7	..
Surigao del Sur	5.1	9.0	5.6	5.1	4.0	..	5.5	..	..	0.8
ARMM	39.6	1.5	9.4	9.0	13.9	17.1	18.3	20.4	20.7	39.2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	6.7	1.0	1.2	1.9	1.9	1.9	1.9	..	..	18.4
Maguindanao	32.8	0.5	6.8	3.9	5.7	6.1	5.9	9.0	8.4	7.3
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	1.4	3.2	6.3	9.1	10.5	11.4	12.3	13.6

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Spanish Mackerel (Tanigue)										
Philippines	**5,211.1**	**5,488.9**	**5,785.8**	**4,503.2**	**5,178.0**	**4,502.1**	**4912.4.12**	**5,600.4**	**5,286.9**	**5,317.9**
NCR	142.8	22.8	16.4	17.4	21.8	38.0	39.5	29.6	38.1	60.7
Metro Manila	142.8	22.8	16.4	17.4	21.8	38.0	39.5	29.6	38.1	60.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	116.5	141.2	97.1	89.4	29.7	31.7	21.7	33.9	40.7	51.9
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	0.4	..	..	..	..	..	..	..	..	..
La Union	9.0	6.1	4.1	2.4	2.0	2.7	5.2	6.2	6.2	7.0
Pangasinan	107.1	135.1	92.9	87.1	27.7	29.0	16.5	27.8	34.4	44.9
Cagayan Valley	400.0	440.5	323.4	453.4	594.9	507.3	405.8	419.4	436.9	420.9
Cagayan	400.0	440.5	323.4	453.4	594.9	507.3	405.8	419.4	436.9	420.9
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	50.7	47.5	30.7	10.5	5.1	3.3	1.0	..	..	2.8
Aurora	0.5	0.2	..	..	..	..	..	..	..	..
Bataan	25.9	20.5	9.2	..	..	..	..	..	..	..
Bulacan	22.6	25.8	20.7	7.6	3.1	3.3	1.0	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1.7	1.0	0.8	2.9	2.0	..	..	..	..	2.8
CALABARZON	58.6	260.9	664.9	389.0	416.0	416.0	877.8	1,471.3	841.5	520.5
Batangas	8.4	13.8	32.6	22.8	38.6	31.2	21.3	30.8	20.9	24.5
Cavite	21.5	10.0	0.7	0.6	0.2	..	9.9	31.4	64.6	45.8
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	28.7	237.1	631.6	365.6	377.2	384.8	846.7	1,409.2	755.9	450.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	92.9	268.3	317.3	248.6	248.0	287.1	263.6	242.0	222.1	260.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	43.7	47.0	42.0	27.2	37.8	35.3	34.9	34.2	31.8	30.5
Oriental Mindoro	10.0	13.1	12.2	12.0	11.2	10.7	9.3	8.3	7.8	6.0
Palawan	33.5	196.2	252.6	194.9	183.8	208.4	197.2	175.2	155.5	192.9
Romblon	5.8	12.0	10.6	14.6	15.3	32.7	22.2	24.4	27.0	31.0
Bicol Region	59.0	170.6	183.4	181.3	200.5	217.0	345.7	464.7	609.4	505.8
Albay	18.0	37.1	28.4	64.0	88.5	117.9	194.9	303.7	448.6	427.2
Camarines Norte	10.0	18.0	27.6	41.0	41.5	35.7	87.1	96.1	95.6	24.8
Camarines Sur	9.0	8.0	57.2	37.5	24.1	22.0	20.1	15.0	12.5	10.6
Catanduanes	..	73.5	33.3	36.6	39.1	41.3	37.1	39.4	37.8	30.6
Masbate	5.0	14.3	12.4	2.2	..	..	..	..	..	..
Sorsogon	17.0	19.8	24.5	..	7.2	..	6.5	10.5	15.0	12.6
Western Visayas	987.3	1,083.7	1,211.4	1,146.7	1,004.4	874.9	930.8	761.2	813.6	788.6
Aklan	2.1	5.5	4.6	0.9	0.4	0.3	0.1	0.1	..	..
Antique	89.5	102.4.11	85.5	104.2	105.0	76.3	66.7	60.0	57.2	30.7
Capiz	498.0	529.6	519.5	550.7	524.3	512.0	464.0	15.7	11.1	2.6
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	140.6	166.7	325.5	311.5	320.6	258.0	172.4	510.6	433.4	288.9
Negros Occidental	257.3	279.5	276.3	179.4	54.2	28.3	227.7	174.9	311.9	466.3
Central Visayas	165.6	124.6	167.7	80.6	97.8	71.5	42.2	29.6	22.8	60.7
Bohol	4.0	4.5	50.4	6.2	0.8	..	..	..	..	2.8
Cebu	30.6	34.3	44.5	27.6	29.2	28.0	37.1	27.7	19.4	51.3
Negros Oriental	131.1	85.9	72.8	46.8	67.8	43.5	5.1	1.9	3.5	6.6
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	560.8	633.7	636.4	336.0	265.8	151.9	166.3	186.7	222.5	244.1
Biliran	34.9	27.2	27.5	3.7	4.0	4.5	2.9	2.4.16	2.7	2.3
Eastern Samar	209.9	196.4	83.8	..	..	..	..	..	..	..
Leyte	219.2	266.3	365.8	168.3	121.5	10.1	3.2	1.0	2.6	7.1
Northern Samar	46.1	66.5	86.8	96.1	51.4	42.4	47.4	41.1	35.8	32.8
Southern Leyte	10.0	37.4	51.6	43.5	49.0	55.6	73.0	103.9	136.4	155.7
Samar	40.8	39.9	20.9	24.3	39.8	39.3	39.9	38.2	45.0	46.3
Zamboanga Peninsula	1,370.6	984.9	837.5	478.8	883.9	571.3	531.2	413.0	461.9	815.7
Zamboanga del Norte	47.2	62.4.18	140.0	14.3	..	..	..	..	..	..
Zamboanga del Sur	728.7	584.2	527.0	364.3	603.0	403.8	430.5	289.9	301.4	329.9
Zamboanga City	522.3	287.2	91.9	22.0	159.3	71.9	0.8	..	18.1	358.8
Zamboanga Sibugay	72.4.15	51.0	78.6	78.1	121.7	95.6	100.0	123.1	142.4.12	126.9
Northern Mindanao	232.2	609.1	634.4	419.2	747.8	674.4	597.0	851.9	843.3	781.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	0.4	..	..	..	..
Lanao del Norte	136.4	542.2	570.7	368.5	690.2	548.6	523.9	785.7	768.8	717.1
Misamis Occidental	95.8	67.0	63.7	50.6	57.6	125.5	73.1	66.2	74.6	64.2
Misamis Oriental	..	..	..	0.1	0.0	..	..	..	..	..
Davao Region	218.1	57.3	16.6	21.5	9.6	11.7	10.1	6.4	32.7	26.7
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	1.2	0.8	1.4	0.3	0.5	..	..	1.3	25.4	21.0
Davao City	1.3	1.0	1.6	0.7	0.7	..	..	..	..	..
Davao Oriental	215.7	55.5	13.6	20.5	8.4	11.7	10.1	5.1	7.3	5.7
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	118.2	98.0	90.8	89.4	91.2	87.2	90.1	105.6	120.9	171.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	5.5	..	..	..	0.6	..	..	..	..	..
South Cotabato	9.0	6.9	5.2	4.6	5.6	4.1	6.2	8.3	12.3	73.8
Sultan Kudarat	103.7	91.1	85.6	84.9	85.0	83.1	83.9	97.3	108.7	97.4
Caraga	55.8	55.7	48.3	44.3	52.2	42.0	74.1	48.9	38.9	57.8
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	47.9	49.9	46.7	42.6	52.0	26.1	55.9	31.4	19.0	37.0
Surigao del Sur	7.9	5.9	1.6	1.7	0.2	15.9	18.3	17.5	19.9	20.8
ARMM	582.0	490.0	509.6	497.3	509.4	516.8	515.5	536.0	541.6	548.9
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	26.9	26.9	28.2	30.4	31.0	31.0	30.7	52.6	68.4	68.9
Maguindanao	15.7	1.2	7.0	6.8	6.7	8.0	7.2	7.3	7.1	5.2
Sulu	539.4	453.5	455.7	442.4	452.8	460.1	460.1	455.5	443.1	446.2
Tawi-tawi	..	8.5	18.7	17.8	18.8	17.8	17.5	20.7	23.0	28.6

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Squid (Pusit)										
Philippines	**13,669.3**	**16,383.4**	**14,677.4**	**12,919.2**	**14,402.5**	**13,333.3**	**13,489.2**	**14,520.1**	**12,536.3**	**12,229.8**
NCR	183.7	330.8	232.0	136.2	250.5	236.7	202.2	325.1	112.9	190.0
Metro Manila	183.7	330.8	232.0	136.2	250.5	236.7	202.2	325.1	112.9	190.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	133.4	156.3	152.0	98.5	53.7	45.7	51.6	51.9	68.9	74.2
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	23.2	33.7	59.1	34.3	41.2	42.3	29.3	28.8	32.4.13	32.2
Pangasinan	110.2	122.5	93.0	64.2	12.5	3.4	22.3	23.1	36.5	42.0
Cagayan Valley	209.5	208.0	399.2	386.1	440.4	440.4	378.9	394.5	395.8	400.6
Cagayan	209.5	208.0	399.2	386.1	440.4	440.4	378.9	394.5	395.8	400.6
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	322.0	273.1	242.9	169.8	53.2	52.0	43.1	37.4	36.3	39.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	163.8	151.4	145.0	102.1	..	..	..	..	..	..
Bulacan	155.7	92.7	80.6	53.5	50.4	52.0	43.1	37.4	36.3	39.8
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	2.5	29.0	17.3	14.2	2.8	..	..	..	..	..
CALABARZON	2,542.1	3,094.5	2,661.2	2,371.9	1,603.6	1,863.7	1,531.9	1,092.9	711.0	679.0
Batangas	227.9	212.1	265.2	279.3	268.7	223.5	167.6	153.2	166.2	176.7
Cavite	224.0	300.8	241.6	240.0	273.6	301.7	200.8	213.5	281.5	219.1
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	2,090.3	2,581.6	2,154.4	1,852.6	1,061.4	1,338.5	1,163.6	726.3	263.3	283.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,486.6	1,416.9	1,343.6	985.4	1,027.7	980.9	1,047.6	1,019.9	1,027.9	911.4
Marinduque	..	0.1	0.1	1.2	1.9	0.9	2.2	..	1.0	1.0
Occidental Mindoro	564.6	592.4	518.9	405.6	423.9	401.6	386.7	396.4	426.9	434.4
Oriental Mindoro	107.0	116.7	109.9	109.3	117.7	113.4	122.8	142.2	161.4	154.9
Palawan	815.0	707.7	714.8	469.4	484.2	465.0	535.9	481.3	438.7	321.1
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	508.8	731.1	896.5	796.3	907.0	887.5	865.6	977.8	974.6	864.6
Albay	124.0	265.0	350.2	253.2	273.0	275.8	283.2	308.0	323.6	296.7
Camarines Norte	120.0	134.1	207.6	222.4.16	323.8	308.6	329.2	372.3	383.0	360.9
Camarines Sur	79.0	104.1	93.4	118.6	110.5	126.2	121.6	103.1	96.0	74.4
Catanduanes	..	..	..	..	..	..	0.6	..	..	..
Masbate	162.0	202.9	228.9	186.9	188.8	170.9	126.6	133.5	125.0	127.5
Sorsogon	23.8	25.0	16.4	15.1	11.0	6.1	4.4	60.9	47.1	5.1
Western Visayas	4,133.2	4,809.1	3,822.2	4,155.1	4,565.0	4,160.0	3,695.8	5,553.6	5,360.2	5,035.8
Aklan	0.3	..	1.0	3.4	0.2	4.1	4.9	6.1	7.5	5.9
Antique	16.6	19.7	63.5	38.6	12.3	14.0	13.6	21.2	55.7	60.8
Capiz	714.3	738.5	715.1	739.9	779.0	737.0	740.0	479.3	74.3	88.0
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	2,722.2	2,940.6	2,199.7	1,921.0	2,356.9	2,193.1	1,860.9	3,523.9	3,530.1	3,529.7
Negros Occidental	679.8	1,110.3	843.0	1,452.2	1,416.6	1,211.9	1,076.4	1,523.0	1,692.6	1,351.4
Central Visayas	619.6	770.1	730.3	804.0	869.6	892.6	876.1	1,192.8	428.4	327.3
Bohol	38.0	46.5	32.8	36.1	59.6	60.9	25.1	12.4.19	12.0	16.3
Cebu	474.9	601.1	569.3	673.3	735.0	763.8	769.3	1,088.6	275.7	218.5
Negros Oriental	106.7	122.4.16	128.3	94.6	75.0	68.0	81.7	91.8	140.8	92.4.17
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	853.1	989.6	869.6	535.5	560.2	485.5	411.7	387.3	456.8	502.4.12
Biliran	10.9	10.9	8.8	5.6	6.0	6.5	1.8	1.7	1.6	1.6
Eastern Samar	368.9	288.3	281.9	45.7	27.6	6.0	..	..	..	..
Leyte	149.8	226.1	283.0	145.3	99.0	31.0	9.0	0.7	171.0	228.7
Northern Samar	43.7	55.6	81.3	73.7	116.4	117.1	120.8	125.0	127.9	136.7
Southern Leyte	22.4	97.3	82.7	68.0	52.0	47.3	..	..	..	..
Samar	257.5	311.5	131.9	197.3	259.2	277.5	280.1	259.9	156.3	135.5
Zamboanga Peninsula	773.6	624.6	613.9	371.0	1,024.2	661.8	1,093.6	1,090.4	504.7	642.7
Zamboanga del Norte	344.9	360.3	412.1	147.1	195.4	72.9	116.0	56.3	35.6	10.0
Zamboanga del Sur	153.6	147.3	37.0	15.0	116.9	14.3	5.0	..	..	..
Zamboanga City	179.7	63.9	22.7	103.7	538.7	498.3	909.5	973.5	432.7	575.5
Zamboanga Sibugay	95.3	53.1	142.1	105.1	173.3	76.3	63.0	60.6	36.4	57.3
Northern Mindanao	480.1	956.7	855.2	795.9	1,116.3	723.5	279.6	361.8	735.9	427.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	393.9	770.7	644.5	420.9	378.8	282.4.19	264.0	336.3	301.0	322.3
Misamis Occidental	..	..	..	..	1.0	2.6	4.4	9.1	11.4	11.3
Misamis Oriental	86.3	186.0	210.7	374.9	736.6	438.4	11.2	16.4	423.5	94.2
Davao Region	279.9	655.7	932.2	419.0	924.4	938.4	1,311.2	565.6	350.7	249.7
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	244.2	625.4	887.5	361.9	880.5	879.1	1,243.7	534.7	337.5	242.4
Davao City	..	6.0	2.4.18	3.1	2.4.15	3.2	2.4.12	1.8	4.6	2.1
Davao Oriental	35.7	24.4	42.2	54.0	41.5	56.1	65.1	29.2	8.6	5.3
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	707.5	897.3	419.1	503.7	647.5	680.8	1,393.0	1,173.9	1,067.4	1,562.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	15.8	..	..	1.4	5.2	32.1	42.5	27.0	1.4	5.9
South Cotabato	691.7	897.3	419.1	502.3	642.4	648.8	1,350.5	1,147.0	1,066.0	1,556.4
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	218.5	255.2	315.8	157.4	120.5	47.0	79.1	104.1	109.7	103.8
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	215.3	240.3	313.6	151.3	117.7	43.8	27.2	58.2	105.2	100.9
Surigao del Sur	3.2	15.0	2.2	6.1	2.9	3.3	51.9	45.9	4.5	3.0
ARMM	217.8	214.5	191.7	233.6	238.4	236.7	228.4	191.1	195.1	218.5
Basilan	94.9	78.2	48.9	90.7	97.1	90.4	84.8	40.8	38.3	51.3
Lanao del Sur	..	..	..	..	..	..	..	..	..	11.6
Maguindanao	19.0	0.5	5.8	5.3	6.3	7.4	7.3	9.5	9.6	3.5
Sulu	103.9	129.9	119.7	119.7	114.3	117.0	119.9	121.6	126.0	129.3
Tawi-tawi	..	5.9	17.3	17.9	20.8	22.0	16.3	19.3	21.1	22.9

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Threadfin Bream (Bisugo)										
Philippines	**20,715.8**	**22,265.8**	**18,809.4**	**15,433.9**	**14,467.8**	**15,383.3**	**14,440.7**	**11,507.1**	**8,476.6**	**8,320.2**
NCR	7,319.7	8,419.6	6,644.8	5,604.2	5,205.7	6,185.1	5,118.7	3,387.7	1,402.8	721.6
Metro Manila	7,319.7	8,419.6	6,644.8	5,604.2	5,205.7	6,185.1	5,118.7	3,387.7	1,402.8	721.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	199.9	220.9	135.6	122.7	94.7	72.0	93.5	102.1	112.9	122.3
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	52.2	29.4	29.1	45.4	29.9	32.2	53.2	54.1	54.2	56.8
Pangasinan	147.7	191.5	106.6	77.3	64.9	39.8	40.3	47.9	58.7	65.5
Cagayan Valley	128.3	82.1	64.3	175.5	385.5	406.2	368.9	365.6	385.8	358.0
Cagayan	128.3	82.1	64.3	175.5	385.5	406.2	368.9	365.6	385.8	358.0
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	257.5	195.4	197.6	108.7	60.5	63.6	37.6	43.7	40.4	46.7
Aurora	1.4	..	..	..	..	..	..	..	..	..
Bataan	156.1	126.7	122.6	57.5	..	..	..	..	1.5	1.2
Bulacan	100.0	68.7	75.0	51.2	60.5	63.6	37.6	43.7	38.9	36.3
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	9.3
CALABARZON	1,709.8	2,074.5	1,234.1	778.2	829.9	213.4	281.0	446.0	472.6	921.7
Batangas	28.7	254.6	225.6	175.3	183.6	84.5	49.9	42.9	36.2	83.0
Cavite	77.6	88.2	45.0	61.7	75.3	58.1	79.0	84.9	73.8	137.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,603.4	1,731.7	963.5	541.1	571.1	70.8	152.1	318.3	362.7	701.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	759.0	860.4	951.4	805.1	827.2	781.8	873.8	826.8	835.6	955.9
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	70.0	74.5	73.6	51.1	60.3	57.2	58.5	57.6	61.7	61.1
Oriental Mindoro	27.0	30.0	29.9	31.1	30.5	31.4	28.9	29.7	26.7	30.0
Palawan	662.0	755.9	847.9	722.9	736.4	693.2	786.4	739.5	747.3	864.8
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	297.1	359.3	510.5	599.3	566.5	628.1	621.3	598.4	547.5	494.9
Albay	7.0	11.0	17.9	..	..	1.0	35.4	36.9	..	0.8
Camarines Norte	137.0	166.0	168.5	121.0	158.1	160.6	137.1	152.8	150.1	160.0
Camarines Sur	124.0	138.9	289.7	467.6	408.4	466.5	448.8	408.7	365.2	313.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	23.0	41.6	34.4	10.7	..	..	..	..	..	..
Sorsogon	6.1	1.8	..	..	..	..	..	..	32.3	21.0
Western Visayas	3,566.0	3,127.8	2,995.6	3,737.8	3,786.3	4,465.3	4,274.9	3,363.0	3,331.2	3,273.5
Aklan	49.7	19.4	14.2	10.1	11.5	15.8	20.8	20.4	22.4	23.1
Antique	190.2	222.6	169.7	122.6	86.3	93.0	73.9	71.5	108.8	107.5
Capiz	995.3	1,011.0	1,030.4	1,058.3	1,119.8	1,136.0	1,223.0	849.3	95.3	109.4
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,359.4	1,071.8	1,090.3	1,008.1	1,319.6	1,973.0	1,690.9	1,306.4	1,152.5	1,405.4
Negros Occidental	971.4	803.0	691.0	1,538.9	1,249.1	1,247.5	1,266.3	1,115.5	1,952.3	1,628.1
Central Visayas	97.4	141.9	118.1	106.8	65.0	56.0	78.5	341.8	318.1	460.7
Bohol	5.0	3.3	..	4.8	..	..	..	..	8.7	3.2
Cebu	92.4.12	138.7	118.1	102.1	65.0	56.0	78.5	341.8	309.4	457.5
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	.	.	.	.	.	.	.
Eastern Visayas	5,608.0	6,217.3	5,350.2	2,611.1	2,096.3	1,937.6	2,051.3	1,560.8	627.3	405.0
Biliran	177.0	152.5	126.3	90.9	64.1	73.7	74.6	79.0	80.3	80.2
Eastern Samar	326.0	417.9	435.4	73.7	..	..	..	..	..	..
Leyte	4,619.1	5,107.6	4,302.8	2,123.3	1,578.2	1,330.2	1,462.7	919.6	182.7	10.1
Northern Samar	77.0	92.4.1	81.9	99.6	115.8	133.1	121.1	119.6	125.2	133.8
Southern Leyte	40.2	24.7	7.8	..	..	..	..	..	..	..
Samar	368.8	422.2	396.1	223.6	338.3	400.6	392.9	442.6	239.2	181.0
Zamboanga Peninsula	621.5	431.1	482.0	718.1	484.6	484.8	551.5	395.0	302.9	492.3
Zamboanga del Norte	76.3	79.6	168.7	33.5	38.9	..	..	..	..	..
Zamboanga del Sur	..	..	6.3	277.5	11.4	..	..	..	..	..
Zamboanga City	516.0	77.9	80.8	211.7	184.2	154.4	175.8	166.6	93.0	311.0
Zamboanga Sibugay	29.1	273.6	226.2	195.4	250.1	330.4	375.7	228.4	209.9	181.3
Northern Mindanao	3.2	..	..	..	12.1	30.1	35.4	21.6	26.5	26.8
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	12.1	30.1	35.4	21.6	26.5	26.8
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	3.2	..	..	..	..	..	..	..	..	..
Davao Region	..	2.4	..	..	..	..	..	..	10.9	12.6
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	2.4	..	..	..	..	..	..	10.9	12.6
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	5.5	14.5	18.3	20.8	5.7	19.6	12.4.14	9.4	9.7	4.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	5.5	14.5	18.3	20.8	5.7	19.6	12.4.14	9.4	9.7	4.2
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	115.2	111.6	87.7	18.3	13.4	6.4	9.0	18.9	27.6	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	99.0	93.1	87.7	18.3	13.4	5.1	..	..	..	..
Surigao del Sur	16.2	18.5	..	..	..	1.4	9.0	18.9	27.6	..
ARMM	28.0	7.0	19.1	27.2	34.5	33.5	33.0	26.5	24.8	24.0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	1.6	6.3	7.4	8.5	8.6	8.6	8.6	..	..	..
Maguindanao	26.3	0.7	4.1	4.4	4.5	4.5	4.2	4.2	3.5	1.9
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	7.7	14.4	21.3	20.4	20.2	22.3	21.4	22.1

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Yellowfin Tuna (Tambakol/Bariles)										
Philippines	**66,334.0**	**82,659.9**	**116,528.5**	**91,439.8**	**85,351.6**	**68,625.3**	**79,508.7**	**83,394.4**	**94,256.4**	**102,400.3**
NCR	1,135.0	915.7	1,211.8	936.0	1332.4.17	800.5	736.5	841.4	812.4	728.1
Metro Manila	1,135.0	915.7	1,211.8	936.0	1332.4.17	800.5	736.5	841.4	812.4	728.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	657.4	298.1	200.1	61.6	99.4	26.3	34.4	35.5	31.6	83.4
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	237.4	88.4	60.1	15.8	16.4	15.3	14.4	13.7	13.0	13.6
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	420.0	209.7	140.0	45.8	82.9	11.0	20.0	21.7	18.6	69.9
Cagayan Valley	2,067.7	1,642.0	1,163.6	939.5	668.7	554.2	479.2	387.4	406.2	399.3
Cagayan	2,067.7	1,642.0	1,163.6	939.5	668.7	554.2	479.2	387.4	406.2	399.3
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	792.2	638.9	622.1	772.0	596.3	844.2	536.5	472.0	480.2	496.3
Aurora	8.9	6.9	5.3	5.6	4.7	7.2	6.5	6.2	6.0	..
Bataan	92.0	65.0	20.9	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	691.3	567.0	595.9	766.5	591.6	837.0	530.0	465.7	474.2	496.3
CALABARZON	1,646.0	2,001.0	2,016.4	5,165.9	3,511.1	3,062.2	4,223.6	4,827.2	3,654.8	2,235.7
Batangas	867.0	865.6	457.8	680.3	737.4	742.0	946.3	941.1	737.0	492.4
Cavite	44.6	44.6	12.6	9.4	28.2	119.9	179.4	333.4	590.6	340.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	734.4	1,090.8	1,546.0	4,476.2	2,745.6	2,200.3	3,098.0	3,552.8	2,327.2	1,402.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	5,378.6	5,076.0	4,369.2	3,318.3	2,886.1	2,512.1	2,672.4	2,810.0	2,429.2	2,178.4
Marinduque	6.8	9.3	1.1	2.9	3.9	2.1	2.7	..	0.8	0.6
Occidental Mindoro	434.4	523.6	485.4	464.5	704.6	469.2	499.1	512.3	513.3	525.7
Oriental Mindoro	65.0	69.4	67.7	68.4	85.8	79.0	76.1	82.6	72.9	61.3
Palawan	4,855.0	4,445.0	3,786.7	2,687.0	1,903.1	1,894.8	2,031.9	2,163.1	1,787.6	1,530.4
Romblon	17.5	28.8	28.4	95.6	188.7	67.0	62.6	52.0	54.5	60.5
Bicol Region	454.8	817.0	841.2	1,100.3	920.6	880.2	920.7	885.6	931.9	691.1
Albay	277.0	419.2	624.3	829.2	696.7	666.5	669.6	623.4	627.2	596.3
Camarines Norte	82.0	105.8	63.5	158.6	153.4	138.1	185.5	193.6	194.6	33.0
Camarines Sur	67.3	67.5	55.9	24.7	18.3	21.4	17.9	16.0	16.0	11.8
Catanduanes	..	195.7	68.6	70.5	48.6	50.6	47.0	51.9	52.6	50.1
Masbate	8.0	11.0	5.1	2.2	..	..	..	..	..	..
Sorsogon	20.5	17.9	23.9	15.4	3.6	3.6	0.9	0.6	41.5	0.0
Western Visayas	2,234.8	2,225.7	2,064.9	2,133.9	1,697.1	1,698.7	1,138.6	1,585.2	1,423.8	1,353.1
Aklan	20.9	32.1	35.4	26.8	19.2	21.2	15.1	10.8	11.1	13.0
Antique	822.7	825.6	655.6	580.9	616.0	590.9	568.7	560.7	557.1	559.2
Capiz	334.0	334.6	299.0	351.4	356.5	374.0	35.0	9.2	9.0	7.7
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	986.3	945.6	1,009.2	1,139.6	592.9	659.8	488.7	973.2	815.5	741.0
Negros Occidental	70.9	87.9	65.8	35.1	112.5	52.8	31.1	31.4	31.1	32.1
Central Visayas	424.3	1,130.3	997.9	1,405.1	1,719.7	1,330.3	1,286.1	1,037.1	869.1	727.0
Bohol	10.0	20.5	19.3	8.0	4.5	0.2	1.1	0.1	2.4	..
Cebu	73.4	52.0	34.1	184.4	298.4	191.0	209.0	212.0	113.0	94.0
Negros Oriental	340.8	1,057.8	944.5	1,212.6	1,416.8	1,139.1	1,076.0	825.0	753.7	633.0
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	2,288.1	2,847.5	3,173.0	4,328.8	4,039.2	4,507.8	4,481.0	3,936.0	3,118.2	2,657.6
Biliran	32.3	23.0	28.9	13.2	5.0	0.7	0.1	0.0	0.0	0.0
Eastern Samar	1,280.4	1,595.2	1,804.4	2,790.2	2,354.7	2,943.5	2,726.9	2,654.9	2,157.0	1,633.8
Leyte	582.8	682.3	686.8	799.7	1,192.5	1,079.7	1,314.4	861.1	557.9	620.7
Northern Samar	210.0	226.5	256.0	339.1	216.7	182.7	167.6	163.0	156.4	156.1
Southern Leyte	155.6	265.9	342.3	293.0	252.0	232.0	231.5	253.9	246.8	247.0
Samar	27.0	54.6	54.6	93.6	18.3	69.3	40.6	3.1	..	..
Zamboanga Peninsula	6,168.2	5,380.1	5,522.4	9,821.5	11,083.2	5,632.2	5,236.0	5,707.1	5,939.2	6,299.9
Zamboanga del Norte	261.4	241.6	262.7	247.1	148.8	217.5	512.7	135.2	157.6	159.8
Zamboanga del Sur	1,912.8	1,812.6	1,935.0	5,249.0	4,412.8	3,092.0	3,399.1	4,543.3	5,044.6	4,701.4
Zamboanga City	3,925.4	3,299.2	3,305.8	4,188.0	6,362.0	2,317.7	1,324.2	1,028.7	737.1	1,438.7
Zamboanga Sibugay	68.6	26.8	18.9	137.4	159.6	5.0	..	..	..	..
Northern Mindanao	828.8	941.6	1,042.1	1,868.3	1,157.7	1,324.9	1,190.0	1,081.2	1,049.3	1,330.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	465.6	658.4	778.2	1,542.8	904.4	1,096.7	988.3	895.9	892.2	1,214.1
Misamis Occidental	350.0	283.2	258.2	296.3	253.3	228.3	200.0	185.3	157.1	113.8
Misamis Oriental	13.3	..	5.6	29.3	..	..	1.7	..	..	2.7
Davao Region	3,427.1	4,213.2	2,685.8	1,736.8	2,683.7	2,033.3	1,795.2	3,364.8	1,969.6	1,233.3
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	20.4	11.1	30.3	33.4	73.2	86.5	136.1	718.4	352.8	248.3
Davao City	3,106.9	3,962.3	2,508.8	1,617.5	2,564.3	1,814.7	1,559.4	2,370.9	1,474.0	842.3
Davao Oriental	299.8	239.8	146.7	85.8	46.2	132.2	99.6	275.5	142.8	142.7
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	31,301.2	45,911.7	81,437.6	49,016.1	44,992.2	36,205.4	48,843.2	50,611.8	65,394.4	76,623.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	242.5	551.5	400.9	242.5	112.3	116.1	156.5	159.1	152.6	41.5
South Cotabato	30,331.8	44,663.2	80,327.2	47,955.6	44,097.8	35,352.3	48,101.9	49,888.7	64,679.1	76,182.8
Sultan Kudarat	726.9	697.0	709.4	818.0	782.1	737.0	584.7	564.0	562.7	399.3
Caraga	580.6	1,008.6	1,321.7	1,223.3	1,283.7	913.3	688.3	749.2	863.9	820.5
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	451.2	822.0	1,105.9	812.9	791.0	630.2	488.6	535.7	594.5	569.5
Surigao del Sur	129.4	186.6	215.8	410.4	492.7	283.2	199.8	213.6	269.5	251.0
ARMM	6,949.2	7,612.6	7,858.8	7,612.5	6,680.5	6,299.7	5,247.0	5,063.0	4,882.8	4542.4.13
Basilan	292.1	320.5	344.7	510.6	482.1	436.0	400.4	340.2	338.5	319.2
Lanao del Sur	28.1	27.4	26.1	28.4	30.0	29.8	29.7	25.6	48.5	53.4
Maguindanao	26.4	1.8	9.6	22.2	20.9	20.0	20.9	26.3	26.5	18.5
Sulu	6,602.6	7,257.5	7,460.4	7,011.2	6,102.6	5,769.7	4,748.0	4,609.9	4,397.3	4,067.9
Tawi-tawi	..	5.3	18.1	40.1	44.8	44.1	48.0	61.1	71.9	83.5

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**63,612.8**	**71,378.9**	**71,205.4**	**81,440.5**	**82,379.9**	**78,212.9**	**73,257.4**	**76,635.9**	**66,400.1**	**57,230.1**
NCR	4,294.7	5,756.6	4,722.9	6,700.5	7,213.0	7,229.6	7,497.5	9,851.4	9,057.6	5,602.9
Metro Manila	4,294.7	5,756.6	4,722.9	6,700.5	7,213.0	7,229.6	7,497.5	9,851.4	9,057.6	5,602.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	1,154.4	1,259.8	1,119.0	1,800.8	1,504.2	916.5	803.9	639.2	667.9	662.6
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	14.6	3.7	17.9	2.3	2.3	2.7	3.0	3.0	3.1	3.2
La Union	122.1	359.6	413.9	1,296.5	1,110.5	708.9	636.0	415.0	359.7	251.0
Pangasinan	1,017.7	896.5	687.2	502.0	391.5	204.9	165.0	221.2	305.1	408.4
Cagayan Valley	1,935.8	2,270.9	1,372.0	1,249.1	2,213.9	2,189.7	1,493.8	1,288.6	1,251.7	1,183.5
Cagayan	1,935.8	2,270.9	1,372.0	1,249.1	2,213.9	2,189.7	1,493.8	1,288.6	1,251.7	1,183.5
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,465.1	1,520.9	1,405.2	527.8	121.5	97.4	80.8	95.2	86.5	242.8
Aurora	2.5	3.1	3.5	5.1	6.6	4.9	3.7	4.5	4.6	..
Bataan	1,183.2	1,232.3	1,166.1	407.1	..	..	..	..	..	146.4
Bulacan	233.7	257.4	213.1	78.9	95.8	79.7	66.9	82.7	68.0	84.6
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	45.6	28.1	22.4.17	36.7	19.1	12.8	10.3	8.1	13.8	11.8
CALABARZON	2,307.0	4,432.8	5,286.3	7,137.0	7022.4.12	6,538.6	4,640.3	3,502.4	2,317.3	1,891.3
Batangas	204.2	338.9	538.4	507.8	504.4	420.4	221.3	146.9	122.9	119.1
Cavite	214.3	810.8	696.9	654.5	496.7	485.9	587.3	676.7	671.6	579.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,888.5	3,283.1	4,051.0	5,974.8	6,021.3	5,632.3	3,831.7	2,678.9	1,522.9	1,192.6
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,550.9	2,453.5	1,675.3	2,823.6	2,595.2	1,973.9	2,649.1	2,167.5	2,258.0	2,358.1
Marinduque	2.7	0.3	2.6	2.1	..	..	..	..	..	..
Occidental Mindoro	461.9	454.8	584.7	1,017.4	860.2	763.9	950.8	966.9	1,007.3	1,029.0
Oriental Mindoro	82.0	70.0	69.8	65.7	57.7	56.4	56.0	59.5	62.4	65.7
Palawan	1,982.6	1,902.2	980.9	1,685.1	1,629.3	1,093.4	1,583.0	1,055.6	1,106.3	1,182.1
Romblon	21.8	26.2	37.3	53.3	48.0	60.3	59.5	85.4	82.0	81.2
Bicol Region	688.6	762.5	1,709.3	1,902.2	1,248.9	1,164.1	1,214.5	1,134.9	1,331.5	1,019.6
Albay	30.6	45.3	159.6	244.5	190.0	184.8	186.6	205.5	222.6	24.0
Camarines Norte	90.0	86.0	84.1	59.5	31.5	31.2	..	..	..	221.0
Camarines Sur	186.2	352.6	1,145.4	1,056.7	624.6	569.2	521.7	440.4	330.3	279.3
Catanduanes	..	45.1	24.3	25.2	34.3	38.0	37.6	51.5	53.9	52.9
Masbate	248.0	216.7	231.4	347.1	176.6	145.2	279.6	152.0	184.0	115.6
Sorsogon	133.8	16.8	64.6	169.2	192.1	195.7	189.1	285.4	540.8	326.9
Western Visayas	26,046.9	27,639.3	32,485.4	25,479.4	23,181.4	24,336.9	26,397.5	25,787.1	19,559.7	18,252.6
Aklan	91.6	82.1	139.5	109.4	127.4	124.7	117.9	121.6	119.7	106.8
Antique	1,299.2	1,217.3	1,725.0	1,486.2	1,398.1	1,973.9	2,380.0	2,416.6	2,359.8	2,319.9
Capiz	4,906.1	5,220.5	4,366.8	4,974.5	5,375.6	5,257.9	5,809.8	4,309.7	1,114.5	1,706.7
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	9,866.0	11,087.5	16,567.9	10,907.8	6,331.3	7,123.8	6,839.6	7,826.7	6,544.2	6,389.3
Negros Occidental	9,884.1	10,031.9	9,686.2	8,001.5	9,948.9	9,856.7	11,250.2	11,112.6	9,421.7	7,729.9
Central Visayas	5,182.9	5,111.4	5,480.1	6,869.3	7,405.4	7,137.5	8,637.6	9,045.1	10,165.0	9,554.4
Bohol	454.0	287.8	334.2	278.3	133.0	76.3	220.3	221.2	303.7	192.7
Cebu	4,456.4	4,586.7	4,887.5	6,050.6	6,068.9	6,199.1	7,239.2	7,711.8	8,687.7	8,238.5
Negros Oriental	272.4.16	236.9	258.4	540.4	1,203.6	862.1	1,178.1	1,112.1	1,173.6	1,123.2
Siquijor	..	..	.	.	.	.	.	.	.	.
Eastern Visayas	1,754.9	1,556.5	1,126.7	10,558.4	8,090.1	5,197.3	4,153.3	4,064.9	2,859.8	2,655.1
Biliran	227.0	74.4	26.2	7.7	9.4	7.6	0.7	0.2	0.2	0.1
Eastern Samar	389.4	436.8	554.7	9,149.6	6,189.1	3,677.6	3,165.7	2,907.4	2,383.7	2,129.0
Leyte	287.8	348.4	344.8	493.6	1,397.6	1,105.8	670.6	808.1	249.0	321.2
Northern Samar	8.0	7.5	21.8	15.1	..	..	..	..	..	..
Southern Leyte	7.0	41.7	..	..	..	..	..	1.4	1.0	1.0
Samar	835.6	647.7	179.3	892.3	494.0	406.3	316.3	347.9	226.0	203.7
Zamboanga Peninsula	3,044.8	5,644.8	4,497.2	7,606.8	12,311.9	12,350.9	6,152.2	6,185.2	6,981.5	3,709.8
Zamboanga del Norte	888.6	1,279.2	1,056.2	1,633.7	1,835.3	2,009.4	2,475.0	3,007.9	3,392.2	1,179.1
Zamboanga del Sur	756.5	152.4.13	204.8	512.7	1,202.6	645.5	691.4	769.3	865.8	553.1
Zamboanga City	1,312.8	3,283.0	2,343.7	4,330.5	8,229.8	9,215.2	2,446.0	2,100.5	2,400.0	1,632.5
Zamboanga Sibugay	86.9	930.2	892.4.19	1,129.9	1,044.2	480.8	539.8	307.6	323.5	345.1
Northern Mindanao	3,877.1	5,429.3	4,802.0	3,477.7	2,870.8	2,419.3	1,842.7	1,470.7	1,693.6	1,589.8
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	5.5	4.5	..	7.2	9.0	11.9	..	..	1.6	24.1
Lanao del Norte	1,629.6	2,351.5	1,671.1	1,474.3	1,309.3	1,097.5	1,237.3	1,029.7	1,132.2	1,109.7
Misamis Occidental	1,359.4	1,861.6	1,981.3	1,391.7	791.3	561.9	503.8	412.3	337.5	328.0
Misamis Oriental	882.6	1,211.7	1,149.7	604.6	761.3	748.0	101.6	28.7	222.4	128.0
Davao Region	1,062.9	870.0	768.2	1,286.4	1,115.0	795.8	752.9	2,220.7	1,087.0	902.8
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	70.1	60.1	319.0	399.3	247.2	216.4	79.7	1,383.5	646.7	448.1
Davao City	433.0	284.8	348.7	626.9	598.3	473.3	629.0	575.4	329.8	387.9
Davao Oriental	559.8	525.1	100.6	260.2	269.6	106.1	44.3	261.8	110.5	66.8
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	2,449.4	3,354.4	1,354.2	1,057.2	2,132.0	2,278.9	3,708.3	6,273.7	4,303.0	4,837.0
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	81.6	23.6	5.1	9.0	17.9	17.9	23.1	18.9	23.9	6.1
South Cotabato	2,211.5	3,187.6	1,243.3	944.5	2,012.0	2,159.6	3,608.7	6,172.3	4,189.3	4732.4.14
Sultan Kudarat	156.3	143.2	105.8	103.7	102.1	101.3	76.5	82.6	89.9	98.5
Caraga	454.3	520.6	416.1	430.3	668.7	775.7	453.6	374.5	426.6	487.6
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	332.7	465.1	350.4	390.0	521.0	555.3	307.2	231.0	221.4	252.1
Surigao del Sur	121.6	55.5	65.8	40.2	147.6	220.4	146.4	143.5	205.2	235.5
ARMM	5,343.4	2,795.7	2,985.6	2,534.3	2,685.3	2,811.1	2,779.6	2,534.8	2,353.3	2,280.4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	244.4	230.5	230.7	234.5	238.1	237.1	235.9	58.1	..	..
Maguindanao	13.3	..	..	..	..	..	45.6	45.7	37.7	17.3
Sulu	5,085.6	2,478.5	2,669.5	2,212.9	2,355.2	2,490.2	2,411.6	2,336.2	2,231.9	2,176.2
Tawi-tawi	..	86.7	85.4	86.9	91.9	83.8	86.6	94.8	83.8	86.9

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Carp										
Philippines	**8,744.5**	**10,810.5**	**11,969.8**	**12,811.3**	**12,242.3**	**13,872.5**	**14,689.1**	**15,371.8**	**15,606.3**	**14,426.8**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	102.7	109.1	106.3	106.9	103.7	108.0	121.6	133.8	133.1	135.5
Abra	43.0	49.0	45.4	43.1	42.4	42.3	53.4	53.5	50.6	51.7
Apayao	10.9	10.6	11.6	13.0	11.7	13.4	13.9	23.6	23.9	24.1
Benguet	18.3	19.4	19.7	21.8	19.8	20.3	21.1	21.3	22.0	22.8
Ifugao	17.3	16.9	15.8	14.5	14.2	15.8	16.3	17.3	17.6	17.3
Kalinga	13.2	13.3	13.7	14.5	15.6	16.3	17.0	18.1	19.0	19.5
Mountain Province	..	..	..	..	..	..	..	..	..	0.1
Ilocos Region	137.8	123.1	118.7	83.6	60.5	74.0	84.7	35.5	25.5	23.7
Ilocos Norte	31.7	26.5	23.1	12.0	13.1	12.1	23.4	6.3	2.9	3.7
Ilocos Sur	0.1	2.4	..	..	..	..	..	..	..	..
La Union	23.0	8.8	16.8	10.1	4.8	7.3	15.1	6.8	6.3	4.8
Pangasinan	83.0	85.4	78.7	61.6	42.7	54.5	46.2	22.4	16.3	15.3
Cagayan Valley	1,119.7	1,318.7	1,433.9	1,471.2	1,431.0	1,427.0	1,727.9	1,593.4	1,481.4	1,306.3
Cagayan	645.2	686.4	794.8	738.8	671.6	694.1	847.8	718.5	661.3	510.6
Isabela	360.7	483.6	469.0	532.0	582.3	544.8	648.8	637.5	586.9	620.3
Nueva Vizcaya	95.8	114.6	132.0	140.6	129.2	138.6	154.0	154.7	154.8	115.0
Quirino	18.0	34.0	38.2	59.8	48.0	49.6	77.2	82.7	78.4	60.4
Central Luzon	1,486.8	1,769.0	1,473.5	1,666.7	1,887.3	1,969.0	2,059.3	2,281.3	2,328.9	2,295.4
Aurora	8.7	10.2	6.3	6.2	5.2	5.9	5.7	6.6	7.4	7.3
Bataan	1.5	1.5	1.6	0.3	0.3	0.4	0.3	0.4	..	..
Bulacan	69.0	94.5	113.7	74.1	213.1	246.7	79.0	103.3	75.2	149.0
Nueva Ecija	77.0	76.0	40.6	38.7	48.4	27.7	52.8	74.9	50.7	56.8
Pampanga	1,256.0	1,526.0	1,254.8	1,405.7	1,469.2	1,508.7	1,694.8	1,892.5	1,995.3	1,904.9
Tarlac	74.2	60.1	56.3	141.6	151.0	179.7	225.3	203.6	200.4	177.3
Zambales	0.5	0.7	0.2	0.2	..	..	1.4	..	..	..
CALABARZON	231.1	405.1	563.4	385.9	360.5	353.7	365.5	371.1	405.9	395.8
Batangas	3.0	7.5	..	5.1	2.4	..	9.3	1.2	45.3	20.7
Cavite	3.2	1.0	0.4	1.0	0.2	0.1	0.3	1.4	..	4.2
Laguna	224.9	254.2	279.5	297.1	291.1	286.0	287.6	299.7	292.4	263.8
Quezon	0.0	0.1	0.0	..	0.0	0.0	0.0	..	0.1	..
Rizal	..	142.4	283.5	82.8	66.8	67.6	68.3	68.9	68.2	107.1
MIMAROPA	24.2	61.0	63.6	62.0	59.4	61.9	62.9	70.3	70.3	71.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	10.2	13.4	13.7	12.5	7.9	8.1	8.3	9.6	10.3	10.6
Oriental Mindoro	14.0	47.6	49.9	49.5	51.5	53.6	54.6	60.1	59.7	60.6
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	0.2	0.1	0.7	0.2	0.4
Bicol Region	711.7	916.4	1,230.3	1,307.5	1,265.3	1,348.0	1,446.0	1,416.5	1,359.1	1,400.0
Albay	121.0	166.6	153.8	137.2	126.2	130.8	159.8	183.5	154.8	297.0
Camarines Norte	4.0	4.0	4.2	0.7	0.7	0.8	..	..	..	..
Camarines Sur	579.0	730.3	1,056.8	1,159.3	1,129.5	1,208.4	1,274.6	1,213.8	1,182.8	1,076.8
Catanduanes	0.4	0.5	0.1	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	7.3	15.0	15.5	10.3	8.9	8.0	11.6	19.2	21.5	26.2
Western Visayas	198.2	194.6	235.1	217.6	113.8	140.3	121.4	125.5	94.9	82.5
Aklan	..	0.2	0.8	1.7	1.3	1.5	0.9	1.3	2.2	2.1
Antique	0.4	0.2	0.1	..	..	..	..	..	..	..
Capiz	..	2.0	4.7	17.7	15.8	19.5	19.8	25.0	19.6	17.0
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	197.8	192.2	228.9	197.3	96.6	113.0	95.2	92.8	69.7	60.2
Negros Occidental	..	..	0.8	0.8	0.2	6.3	5.5	6.4	3.5	3.2
Central Visayas	0.9	3.0	2.9	3.6	1.4	1.3	1.0	1.0	1.2	1.6
Bohol	0.5	3.0	2.3	2.8	1.2	1.1	0.9	0.9	0.9	1.5
Cebu	..	..	0.1	0.0	0.0	..	..	..	..	..
Negros Oriental	0.4	0.1	0.5	0.8	0.3	0.2	0.1	0.1	0.4	0.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	199.1	208.7	170.6	85.0	83.2	93.6	77.3	75.8	71.0	68.9
Biliran	3.0	1.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
Eastern Samar	11.0	24.4	..	..	..	..	..	..	..	..
Leyte	135.0	134.3	110.3	33.3	5.3	5.9	0.7	0.2	0.2	0.0
Northern Samar	30.0	31.9	48.6	44.3	72.4	80.8	76.5	75.6	70.7	68.3
Southern Leyte	6.5	2.5	1.3	..	..	..	..	..	..	..
Samar	13.6	14.6	10.4	7.3	5.5	6.9	..	..	..	0.5
Zamboanga Peninsula	54.0	79.4	89.3	107.5	120.0	110.1	107.3	106.3	102.7	99.8
Zamboanga del Norte	7.4	7.9	6.7	7.7	11.0	15.3	17.8	17.6	19.2	16.8
Zamboanga del Sur	46.0	71.0	82.0	93.1	107.8	84.3	81.8	79.9	75.5	70.2
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	0.6	0.5	0.6	6.7	1.1	10.5	7.7	8.7	8.0	12.9
Northern Mindanao	127.8	125.3	223.6	432.6	410.4	585.6	414.0	515.2	660.7	646.3
Bukidnon	52.9	38.5	113.1	269.5	220.5	401.3	173.3	311.1	389.4	361.2
Camiguin	..	..	0.0	0.0	0.1	0.0	0.1	0.0	0.0	..
Lanao del Norte	74.8	86.2	108.4	158.5	176.7	172.7	219.1	182.2	253.3	255.1
Misamis Occidental	..	0.2	0.4	0.4	2.2	2.2	6.8	10.9	11.5	12.7
Misamis Oriental	0.0	0.4	1.8	4.2	10.9	9.3	14.8	10.9	6.5	17.2
Davao Region	16.0	12.7	6.5	7.0	7.8	7.8	6.6	7.6	6.3	8.3
Davao del Norte	0.4	0.4	0.1	0.0	0.1	0.0	0.5	0.4	0.4	0.5
Davao del Sur	9.7	5.7	0.2	0.3	1.1	..	1.2	0.5	1.5	0.9
Davao City	0.1	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	5.8	6.5	6.1	6.7	6.6	7.8	4.9	6.7	4.4	6.9
SOCCSKSARGEN	2,512.8	3,100.1	3,822.0	4,423.3	3,737.7	3,871.4	3,884.8	3,524.8	3,415.5	3,379.9
North Cotabato	1,557.9	2,070.9	2,681.4	3,210.2	2,503.5	2,618.1	2,602.7	2,360.0	2,515.4	2,585.4
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	3.9	3.0	2.3	2.6	1.3	1.7	1.1	..	..	..
Sultan Kudarat	951.0	1,026.2	1,138.3	1,210.4	1,232.8	1,251.7	1,281.0	1,164.8	900.1	794.5
Caraga	341.9	359.7	361.8	297.8	348.7	350.6	445.1	485.6	489.3	359.3
Agusan del Norte	77.2	90.1	89.1	45.9	77.0	65.5	78.0	65.0	64.2	61.9
Agusan del Sur	202.7	212.9	224.0	205.4	209.4	164.8	206.1	264.0	295.0	204.3
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	40.0	31.2	21.7	16.2	29.6	67.8	66.3	70.7	42.4	34.2
Surigao del Sur	22.0	25.5	27.0	30.3	32.8	52.4	94.7	86.0	87.7	58.9
ARMM	1,479.9	2,024.7	2,068.4	2,153.1	2,251.7	3,370.3	3,763.8	4,628.3	4,960.5	4,152.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	1,479.9	2,024.7	2,068.4	2,153.1	2,251.7	3,370.3	3,763.8	4,628.3	4,960.5	4,152.1
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Catfish (Hito)										
Philippines	**3,686.8**	**4,607.3**	**5,517.1**	**5,684.6**	**5,136.8**	**5,491.3**	**5,768.4**	**6,201.9**	**6,211.3**	**6,263.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	23.6	24.3	25.0	25.2	26.4	26.7	29.0	39.8	38.1	37.2
Abra	6.0	4.0	3.8	2.3	2.9	2.9	3.5	7.0	4.2	2.4
Apayao	4.8	5.6	5.5	5.1	5.8	5.7	6.7	13.3	13.6	13.9
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	12.9	14.7	15.6	17.8	17.7	18.1	18.8	19.5	20.4	20.9
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	55.7	53.1	114.7	89.2	57.6	70.3	100.0	82.1	50.3	42.4
Ilocos Norte	4.6	7.8	15.1	7.7	7.1	7.6	15.7	10.8	3.8	2.3
Ilocos Sur	2.7	7.3	2.0	3.2	3.8	4.1	4.2	4.7	4.8	4.4
La Union	6.5	9.5	12.6	21.6	21.5	15.6	26.1	18.2	15.2	21.2
Pangasinan	42.0	28.5	85.1	56.7	25.2	43.0	54.0	48.4	26.6	14.6
Cagayan Valley	440.9	429.5	478.5	480.3	462.7	480.0	610.1	652.5	577.4	454.0
Cagayan	294.5	284.7	347.0	324.7	284.5	277.3	350.1	383.9	349.6	258.7
Isabela	61.0	58.9	34.9	58.1	86.6	105.7	152.0	160.3	121.7	126.9
Nueva Vizcaya	82.5	83.3	93.7	94.8	89.3	94.7	105.8	106.2	104.6	67.5
Quirino	3.0	2.7	3.0	2.7	2.3	2.4	2.2	2.2	1.5	1.0
Central Luzon	310.8	761.5	1,140.6	1,140.0	1,134.3	1,186.8	1,276.7	1,302.4	1,273.8	1,292.5
Aurora	13.1	13.2	14.2	18.9	20.3	22.8	22.4	24.2	25.3	25.4
Bataan	6.7	6.9	7.7	8.5	9.1	10.3	11.0	12.1	12.8	12.6
Bulacan	16.0	54.1	58.4	82.2	21.6	70.7	48.4	39.0	87.8	37.8
Nueva Ecija	135.8	112.0	200.6	204.0	225.8	174.3	155.4	132.1	103.4	97.3
Pampanga	115.5	537.0	818.4	766.1	767.6	841.2	975.2	1,046.5	1,000.3	1,040.1
Tarlac	12.3	22.2	30.3	58.8	86.3	60.0	58.1	42.3	39.8	74.6
Zambales	11.4	16.0	11.0	1.5	3.7	7.5	6.3	6.1	4.4	4.8
CALABARZON	63.4	112.6	137.7	121.9	125.5	123.1	123.6	128.6	128.8	121.6
Batangas	3.0	4.5	5.3	4.7	..	..	..	..	..	..
Cavite	0.8	0.3	0.2	0.0	0.0	..	..	..	..	..
Laguna	59.6	79.9	98.1	107.9	115.6	112.9	113.1	117.8	118.1	113.4
Quezon	0.0	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.2
Rizal	..	27.7	34.0	9.1	9.6	10.1	10.4	10.6	10.6	7.9
MIMAROPA	36.6	34.9	39.1	111.3	67.2	61.5	63.1	47.8	47.6	39.9
Marinduque	5.0	5.4	4.8	3.6	3.6	3.0	3.2	4.5	5.6	5.6
Occidental Mindoro	25.1	21.2	21.2	21.1	16.0	15.1	14.6	15.1	15.4	15.6
Oriental Mindoro	..	..	..	..	..	..	1.5	6.7	5.9	4.0
Palawan	2.8	5.7	9.1	83.6	44.9	39.9	40.7	18.2	18.0	11.5
Romblon	3.7	2.6	4.1	3.1	2.8	3.4	3.0	3.3	2.7	3.2
Bicol Region	49.6	135.9	170.2	168.4	158.6	158.8	175.2	180.8	185.3	74.1
Albay	30.0	109.5	133.1	113.9	107.2	105.2	116.3	126.9	129.7	43.1
Camarines Norte	3.3	3.5	5.8	9.8	9.5	8.6	7.9	5.4	6.1	6.5
Camarines Sur	10.0	13.1	20.0	23.4	16.0	17.2	18.8	14.0	12.2	8.1
Catanduanes	..	..	..	..	0.2	0.4	0.5	0.8	1.0	1.2
Masbate	4.3	5.8	8.2	9.7	12.2	15.0	20.9	22.9	25.4	13.6
Sorsogon	2.1	4.1	3.2	11.7	13.5	12.3	10.8	11.0	11.1	1.6
Western Visayas	284.4	283.0	394.9	371.9	196.4	236.9	247.2	108.5	96.6	87.4
Aklan	2.3	1.0	1.3	3.2	2.9	2.7	5.5	2.2	2.9	3.8
Antique	5.9	4.5	6.6	7.5	4.9	4.4	6.7	6.6	5.6	5.0
Capiz	3.7	4.6	9.0	10.7	9.3	13.6	15.6	21.3	21.2	13.8
Guimaras	3.0	3.3	4.7	6.2	4.2	5.0	6.1	3.1	4.6	4.0
Iloilo	257.0	258.6	352.6	324.7	150.9	180.2	179.5	38.7	41.3	38.7
Negros Occidental	12.5	11.1	20.8	19.6	24.1	30.9	33.8	36.6	21.1	22.1
Central Visayas	2.3	1.2	3.2	3.7	2.3	2.5	2.8	3.3	4.6	2.8
Bohol	0.9	0.6	2.1	2.4	1.0	0.6	0.5	0.9	0.8	0.6
Cebu	0.7	0.4	0.9	1.1	1.0	1.5	2.0	1.9	2.8	1.6
Negros Oriental	0.7	0.3	0.1	0.2	0.3	0.3	0.4	0.5	1.1	0.6
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	67.1	76.7	69.6	46.1	58.5	55.0	41.4	38.9	33.6	23.2
Biliran	2.6	1.5	0.3	0.2	0.0	0.0	0.1	0.1	0.1	0.1
Eastern Samar	41.7	40.0	40.6	21.6	26.1	24.2	13.3	12.7	9.3	1.8
Leyte	4.1	7.2	8.5	3.5	2.9	1.6	0.4	0.0	0.0	..
Northern Samar	17.3	28.0	20.3	20.7	29.5	29.2	27.5	26.1	24.2	21.3
Southern Leyte	1.5	..	..	..	..	..	0.2	..	..	..
Samar	..	..	..	0.1	0.1	..	..	..	..	..
Zamboanga Peninsula	42.6	4.9	11.4	167.3	172.1	141.0	139.3	165.0	170.6	157.7
Zamboanga del Norte	2.4	3.9	4.2	5.7	6.9	6.9	7.5	7.1	7.0	6.5
Zamboanga del Sur	39.0	..	6.7	159.0	165.3	133.2	131.8	157.9	163.6	151.2
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	1.2	1.0	0.5	2.6	..	0.9	..	..	..	..
Northern Mindanao	0.8	1.7	5.5	5.0	9.1	27.0	63.8	71.3	97.0	104.7
Bukidnon	0.5	0.8	3.9	2.8	7.0	12.0	24.7	19.6	68.7	80.3
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	10.7	33.4	45.4	21.9	19.6
Misamis Occidental	0.3	0.3	0.3	0.4	0.4	1.5	3.6	5.7	6.4	4.8
Misamis Oriental	..	0.7	1.3	1.8	1.7	2.8	2.1	0.7	..	..
Davao Region	6.5	6.1	9.6	12.8	8.3	8.3	12.4	15.3	8.2	16.5
Davao del Norte	1.4	0.1	0.0	..	..	..	..	..	..	0.0
Davao del Sur	0.6	0.5	0.1	0.0	0.2	..	..	..	..	0.1
Davao City	..	..	..	0.3	..	..	..	..	..	..
Davao Oriental	2.6	3.2	5.3	5.8	3.0	1.8	6.0	7.9	0.3	0.6
Compostela Valley	1.9	2.2	4.3	6.7	5.1	6.5	6.5	7.4	7.9	15.9
SOCCSKSARGEN	971.9	1,110.3	1,313.2	1,625.4	1,424.5	1,406.3	1,376.9	1,578.0	1,758.2	1,801.9
North Cotabato	742.4	919.3	1,137.7	1,477.8	1,281.5	1,282.1	1,304.0	1,496.6	1,682.4	1,741.8
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	4.6	5.6	4.6	3.6	2.2	2.2	2.5	3.4	3.6	2.9
Sultan Kudarat	224.9	185.5	170.9	144.0	140.8	122.1	70.4	78.0	72.2	57.1
Caraga	278.5	433.7	358.9	172.5	185.0	206.7	178.8	257.2	222.6	154.5
Agusan del Norte	84.1	80.4	44.2	23.3	28.5	34.4	29.4	40.8	20.9	23.9
Agusan del Sur	174.4	327.6	290.6	120.4	126.9	143.0	133.2	195.4	163.0	104.9
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	15.0	13.7	10.9	12.7	12.1	11.2	5.4	8.7	9.2	3.9
Surigao del Sur	5.0	12.1	13.2	16.0	17.5	18.1	10.9	12.4	29.5	21.7
ARMM	1,052.0	1,137.8	1,245.1	1,143.6	1,048.4	1,300.5	1,328.2	1,530.5	1,518.5	1,853.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	332.7
Maguindanao	1,052.0	1,137.8	1,245.1	1,143.6	1,048.4	1,300.5	1,328.2	1,530.5	1,518.5	1,520.5
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Catfish (Kanduli)										
Philippines	**2,028.2**	**2,326.6**	**2,482.1**	**1,904.6**	**1,973.0**	**1,899.9**	**1,874.7**	**1,909.2**	**1,847.1**	**1,953.2**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	15.5	14.4	13.0	10.2	9.5	8.8	8.7	9.7	10.4	2.4
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	13.5	12.3	11.1	8.7	7.9	7.2	7.0	6.7	6.7	0.5
Kalinga	2.0	2.1	1.9	1.5	1.6	1.6	1.7	3.0	3.7	1.9
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	2.0	1.7	1.2	1.4	..	..	..
Ilocos Norte	..	..	..	..	0.1	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	2.0	1.6	1.2	1.4	..	..	..
Cagayan Valley	304.0	309.8	284.3	241.6	256.1	254.1	258.1	263.5	195.3	176.6
Cagayan	238.9	247.7	235.8	206.7	194.1	186.6	195.6	188.3	124.6	109.8
Isabela	59.5	52.1	36.1	23.0	40.5	54.3	53.7	55.1	50.9	50.3
Nueva Vizcaya	2.6	2.7	2.6	2.7	2.7	2.9	3.6	4.0	4.1	2.8
Quirino	3.0	7.3	9.8	9.2	18.8	10.4	5.2	16.1	15.8	13.8
Central Luzon	159.0	182.6	224.6	185.4	142.3	49.2	24.3	9.1	34.6	79.5
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	30.0	2.6	3.0	5.5	15.6	46.2	23.1	9.1	34.6	79.5
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	129.0	180.0	221.6	180.0	126.7	2.9	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	1.2	..	..	..
CALABARZON	1,398.8	1,697.2	1,825.9	1,405.9	1,515.1	1,514.8	1,516.0	1,571.0	1,562.9	1,598.2
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	810.7	898.5	1,111.4	1,198.0	1,285.3	1,275.7	1,271.8	1,321.2	1,315.5	1,296.0
Quezon	..	..	..	..	..	..	0.0	0.1	..	..
Rizal	588.1	798.6	714.5	207.9	229.8	239.1	244.1	249.8	247.5	302.2
MIMAROPA	2.1	3.0	2.3	2.1	1.7	2.2	2.4	3.1	2.9	2.3
Marinduque	2.1	2.4	2.3	2.1	1.7	2.2	2.4	3.1	2.9	2.3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	0.6	..	..	..	..	..	..	0.0	..
Bicol Region	38.0	4.8	8.0	10.7	7.3	7.6	8.1	6.9	4.7	2.5
Albay	35.0	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	3.0	4.8	8.0	10.0	7.3	7.6	8.1	6.9	4.7	2.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	0.7	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	44.6	13.8	21.1	22.3	29.4	53.7	43.9	38.0	28.3	32.4
Aklan	0.3	0.1	..	..	..	..	..	..	..	..
Antique	0.9	0.5	0.5	0.2	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1.5	1.6	1.0	..	..	..	..	..	..	..
Iloilo	39.3	8.7	17.5	20.9	28.9	48.5	39.7	32.2	24.9	29.2
Negros Occidental	2.7	2.8	2.1	1.2	0.5	5.2	4.2	5.8	3.4	3.2
Central Visayas	..	0.3	0.0	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	0.3	0.0	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	16.9	15.5	13.4	7.6	5.5	7.2	7.3	7.6	5.4	4.6
Biliran	0.2	0.1	..	..	..	..	..	..	..	..
Eastern Samar	11.7	..	..	..	..	..	..	..	..	..
Leyte	1.0	2.8	1.3	..	0.1	..	..	0.1	..	..
Northern Samar	2.0	6.5	9.0	6.7	5.0	7.2	7.3	7.5	5.4	4.6
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	2.0	6.1	3.2	0.8	0.4	..	..	..	..	..
Zamboanga Peninsula	33.0	74.0	79.0	15.1	1.5	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	33.0	74.0	79.0	15.1	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	1.5	..	..	..	..	..
Northern Mindanao	15.4	10.1	9.2	..	..	..	1.8	..	2.2	54.6
Bukidnon	..	..	..	..	..	..	1.8	..	2.2	54.6
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	15.0	10.0	8.0	..	..	..	..	..	..	..
Misamis Occidental	0.3	0.1	..	..	..	..	..	..	..	..
Misamis Oriental	0.1	..	1.2	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	1.9	..	0.2	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	1.9	..	0.2	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	1.0	1.3	1.3	1.7	3.0	1.2	1.0	0.3	..	..
Agusan del Norte	..	..	..	1.7	2.0	1.2	1.0	0.3	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	1.0	1.3	1.3	..	1.0	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Climbing perch (Martiniko)										
Philippines	**1,629.0**	**1,824.9**	**2,330.2**	**2,321.3**	**2,022.3**	**2,566.2**	**2,308.3**	**2,307.3**	**2,392.8**	**2,168.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	6.0	..	..	..	..	0.2	0.1	0.1	0.2	0.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	6.0	..	..	..	..	0.2	0.1	0.1	0.2	0.2
Cagayan Valley	9.1	11.0	18.8	19.1	16.2	14.3	7.3	5.5	3.8	3.1
Cagayan	9.1	11.0	15.8	19.1	16.2	14.3	7.3	5.5	3.8	3.1
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	3.0	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	9.8	120.9	134.6	132.6	38.5	22.3	64.4	50.9	53.5	16.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	1.5	112.8	129.9	114.0	21.5	16.0	30.8	33.5	34.4	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	5.0	4.5	2.8	18.1	17.0	3.0	33.6	17.4	19.1	16.7
Zambales	3.3	3.7	2.0	0.5	..	3.3	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	11.5	15.6	18.4	16.2	14.1	16.2	15.0	11.6	8.8	4.0
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	11.0	15.3	18.0	15.9	13.5	15.5	14.3	11.0	8.0	3.4
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	0.5	0.3	0.4	0.3	0.6	0.7	0.8	0.6	0.8	0.5
Western Visayas	87.6	108.4	140.1	124.3	94.0	137.1	72.9	24.3	24.8	18.5
Aklan	0.4	..	..	..	..	..	..	..	..	..
Antique	1.4	1.2	1.0	0.4	0.3	0.7	1.0	1.1	1.1	1.2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1.8	2.0	2.4	2.6	1.4	1.8	2.4	0.4	..	..
Iloilo	84.0	105.1	136.8	121.3	92.2	134.5	69.5	22.8	23.8	17.4
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	0.4	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	0.4	..	..	..	..	..	..
Northern Mindanao	..	..	2.5	7.2	0.4	..	..	0.1	..	..
Bukidnon	..	..	..	6.1	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	2.5	1.1	0.4	..	..	0.1	..	..
Davao Region	..	..	..	..	0.0	0.1	0.3	0.1	0.4	0.4
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	0.0	0.1	0.3	0.1	0.4	0.4
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	951.5	1,100.2	1,244.6	1,285.2	1,101.4	1,244.9	1,064.6	1,013.2	1,038.1	1,111.6
North Cotabato	451.3	645.5	785.0	888.6	747.0	978.0	922.6	932.6	985.1	1,051.3
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	0.5	0.6	0.7	1.1	1.2	..	..	..
Sultan Kudarat	500.3	454.7	459.0	396.0	353.7	265.8	140.8	80.6	53.0	60.3
Caraga	2.3	2.8	1.0	0.6	1.4	0.7	0.6	0.2	5.4	6.6
Agusan del Norte	0.3	0.8	1.0	0.6	1.4	0.7	0.6	0.2	5.4	6.6
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	2.0	2.0	..	..	..	..	..	..	..	..
ARMM	551.2	466.0	770.2	735.7	756.3	1,130.5	1,083.1	1,201.4	1,257.9	1,007.8
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	551.2	466.0	770.2	735.7	756.3	1,130.5	1,083.1	1,201.4	1,257.9	1,007.8
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Eel (Igat)										
Philippines	**611.8**	**687.5**	**709.9**	**834.8**	**719.2**	**867.0**	**1,149.2**	**2,488.9**	**2,376.5**	**1,875.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	44.7	44.6	45.5	46.8	46.6	50.6	54.0	57.1	57.4	57.7
Abra	14.0	14.0	14.7	14.6	12.4	12.4	13.7	14.0	10.5	9.5
Apayao	17.8	18.0	20.1	22.4	24.3	28.1	29.5	31.2	32.7	33.5
Benguet	3.8	3.4	1.3	0.8	0.4	0.3	0.3	0.5	0.7	0.7
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	8.4	8.5	8.7	8.8	9.5	9.8	10.4	11.4	13.5	14.0
Mountain Province	0.8	0.7	0.6	0.1	..	..	0.2	..	..	0.1
Ilocos Region	17.4	13.6	29.8	8.0	10.4	10.7	16.3	15.8	10.9	7.3
Ilocos Norte	0.2	0.9	3.8	1.8	0.7	1.4	2.6	0.5	0.5	1.5
Ilocos Sur	0.2	1.4	0.6	0.4	1.6	1.5	1.6	1.8	1.9	1.9
La Union	11.0	3.3	5.7	2.8	5.2	6.4	9.3	6.9	5.9	1.9
Pangasinan	6.0	8.0	19.7	3.0	2.8	1.5	2.8	6.6	2.7	2.1
Cagayan Valley	90.4	88.0	95.4	144.8	163.1	186.5	444.2	1,727.5	1,573.5	1,176.2
Cagayan	76.8	65.6	78.6	125.9	139.3	153.2	199.7	611.4	531.8	257.0
Isabela	7.3	15.4	9.1	9.3	12.2	20.5	228.3	799.6	677.9	575.1
Nueva Vizcaya	3.6	4.0	4.0	4.7	4.6	4.7	5.3	245.9	275.6	275.2
Quirino	2.8	3.0	3.7	4.9	7.1	8.0	10.9	70.7	88.2	68.9
Central Luzon	18.9	18.8	18.6	79.5	22.7	27.2	24.2	27.9	28.7	28.0
Aurora	16.1	15.8	16.0	18.2	20.8	24.5	23.3	24.5	24.4	24.5
Bataan	..	..	0.6	..	..	..	..	..	..	..
Bulacan	0.3	..	..	61.0	1.1	1.7	..	1.1	1.6	1.6
Nueva Ecija	..	..	..	..	..	0.1	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	0.0	..	..	..	..	..	..	..	..	..
Zambales	2.5	3.0	2.0	0.2	0.7	0.9	0.9	2.4	2.7	1.8
CALABARZON	17.0	8.5	6.7	3.8	2.9	0.3	0.2	0.3	0.1	0.2
Batangas	17.0	8.2	6.4	3.4	2.6	..	..	..	..	..
Cavite	0.0	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	0.3	0.3	0.4	0.3	0.3	0.2	0.3	0.1	0.2
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	9.7	8.1	8.0	7.5	5.0	5.7	6.5	8.4	8.6	8.2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	7.8	6.7	6.2	6.2	4.1	4.8	5.2	5.6	6.3	6.5
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	1.9	1.4	1.8	1.3	0.9	0.9	1.2	2.7	2.4	1.7
Bicol Region	25.1	29.2	52.7	62.5	64.0	76.5	101.3	75.3	78.8	34.0
Albay	..	..	15.0	16.4	18.7	26.6	35.6	28.4	26.7	8.8
Camarines Norte	9.2	11.1	15.8	15.6	18.7	19.5	30.9	17.2	21.0	17.9
Camarines Sur	7.0	7.9	8.9	10.7	8.3	8.4	8.9	5.8	3.9	2.5
Catanduanes	1.3	1.4	1.2	1.0	1.4	1.7	2.2	2.4	2.5	2.7
Masbate	1.0	2.8	6.1	8.1	7.0	9.6	12.3	9.2	11.5	1.6
Sorsogon	6.7	5.9	5.7	10.7	10.0	10.7	11.4	12.3	13.1	0.5
Western Visayas	146.1	162.9	186.7	194.7	143.1	179.4	134.6	100.3	149.4	101.2
Aklan	1.4	1.6	3.0	4.3	4.0	3.7	1.3	2.3	1.1	1.6
Antique	2.8	3.9	3.4	3.7	3.2	3.0	2.7	3.7	4.6	5.0
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1.8	2.3	2.6	2.7	1.8	1.5	1.7	1.2	1.3	1.3
Iloilo	90.1	119.1	144.0	132.0	87.9	138.7	91.5	53.4	98.4	48.3
Negros Occidental	50.0	36.1	33.7	51.9	46.2	32.6	37.5	39.6	44.0	45.1
Central Visayas	0.5	0.3	0.8	1.9	1.1	1.1	1.4	1.8	1.7	1.3
Bohol	..	..	0.7	0.6	0.7	0.6	0.7	1.1	0.9	0.8
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.5	0.3	0.1	1.2	0.4	0.5	0.7	0.8	0.8	0.5
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	49.8	49.7	44.3	32.0	31.8	28.9	18.7	11.8	13.1	8.2
Biliran	8.6	5.3	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2
Eastern Samar	30.9	31.9	32.0	22.5	26.2	18.3	8.4	2.0	1.9	0.3
Leyte	3.3	3.6	3.8	0.4	0.2	0.4	0.2	0.0	0.0	..
Northern Samar	4.6	6.0	6.0	8.4	5.3	6.3	6.3	6.4	6.7	6.5
Southern Leyte	2.5	3.0	2.2	0.5	..	..	0.1	..	..	..
Samar	..	..	..	..	..	3.7	3.6	3.2	4.3	1.2
Zamboanga Peninsula	32.7	39.5	43.3	84.7	92.9	73.8	81.5	87.1	82.1	78.7
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	32.0	39.0	43.0	81.8	92.5	73.6	81.5	86.9	82.1	78.7
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	0.7	0.5	0.3	2.9	0.4	0.1	..	0.3	..	..
Northern Mindanao	15.2	32.6	41.0	46.6	46.8	72.7	81.2	100.1	76.1	62.3
Bukidnon	3.3	4.4	15.2	32.1	16.1	32.6	22.2	38.0	33.9	27.3
Camiguin	0.1	0.1	0.3	0.3	0.2	0.2	0.3	0.1	0.1	0.1
Lanao del Norte	11.0	25.1	23.8	10.4	18.5	22.6	36.8	38.5	19.5	14.5
Misamis Occidental	0.3	0.3	0.4	0.4	1.7	9.1	12.7	17.2	12.5	12.1
Misamis Oriental	0.5	2.7	1.4	3.4	10.3	8.1	9.2	6.3	10.2	8.3
Davao Region	8.5	7.5	7.5	5.5	6.1	4.9	12.5	16.7	4.4	9.0
Davao del Norte	0.0	0.0	0.0	0.1	0.0	..	0.0	0.0	0.0	0.0
Davao del Sur	0.4	0.1	0.1	..	0.0	..	..	..	..	..
Davao City	0.5	1.0	1.1	1.0	0.9	0.7	0.8	0.8	0.9	0.7
Davao Oriental	6.8	5.4	5.5	3.6	5.2	4.2	11.7	15.9	3.5	8.3
Compostela Valley	0.8	0.9	0.8	0.8	..	..	..	..	..	0.0
SOCCSKSARGEN	108.5	150.9	97.8	90.9	53.7	115.0	123.8	214.0	256.4	267.4
North Cotabato	108.5	150.9	97.8	90.9	53.7	115.0	123.8	214.0	256.4	267.4
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	26.4	32.6	31.0	24.7	28.1	32.9	47.9	44.0	34.6	35.3
Agusan del Norte	4.9	8.6	5.5	4.4	2.8	8.6	4.8	6.7	5.9	4.8
Agusan del Sur	6.0	8.2	5.7	1.2	2.7	5.0	11.9	8.7	6.4	0.7
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	10.0	6.5	6.6	4.3	3.2	2.1	2.1	3.9	2.7	1.4
Surigao del Sur	5.5	9.4	13.2	14.9	19.5	17.2	29.1	24.7	19.7	28.4
ARMM	0.8	0.7	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0
Basilan	0.8	0.7	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Freshwater Goby (Biya)										
Philippines	**5,688.1**	**5,450.4**	**6,110.6**	**5,906.2**	**5,619.4**	**5,611.5**	**5,412.2**	**5,334.2**	**5,676.4**	**3,988.0**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	118.8	109.0	108.2	106.7	101.1	122.4	140.2	143.7	143.4	152.2
Abra	39.0	33.0	30.4	31.5	31.6	35.5	47.4	46.8	43.6	54.2
Apayao	13.1	12.2	13.3	12.0	10.9	11.1	11.6	14.4	15.0	15.0
Benguet	3.3	3.4	3.7	5.0	4.9	4.6	4.4	4.4	4.5	4.5
Ifugao	34.7	34.2	33.3	31.1	28.2	46.3	52.0	52.6	52.9	50.0
Kalinga	20.0	19.0	20.0	19.6	18.6	19.5	20.3	21.4	23.2	23.9
Mountain Province	8.7	7.3	7.5	7.5	6.9	5.4	4.6	4.1	4.1	4.5
Ilocos Region	231.9	205.4	185.3	215.3	164.0	168.8	209.2	171.5	264.3	197.0
Ilocos Norte	56.3	50.4	57.2	51.0	40.5	59.0	65.6	45.4	43.0	29.5
Ilocos Sur	65.6	62.6	52.0	70.2	57.5	62.1	59.9	70.2	67.3	50.1
La Union	73.0	54.2	37.5	45.3	31.3	23.4	64.4	32.5	19.0	32.0
Pangasinan	37.0	38.3	38.6	48.8	34.8	24.3	19.4	23.5	135.1	85.4
Cagayan Valley	254.5	320.0	339.0	368.9	380.5	364.5	295.2	311.9	291.7	213.3
Cagayan	130.7	204.0	206.3	233.3	244.7	237.8	165.5	197.8	179.6	131.8
Isabela	68.6	63.7	66.9	59.6	58.5	48.0	49.2	36.2	19.0	19.2
Nueva Vizcaya	43.2	44.3	53.3	60.6	63.0	64.6	63.6	61.8	68.7	51.2
Quirino	12.0	8.0	12.6	15.5	14.3	14.0	16.9	16.1	24.4	11.2
Central Luzon	730.7	620.2	796.2	808.2	720.2	699.0	606.1	659.0	628.5	622.7
Aurora	11.0	9.7	14.1	13.8	15.1	16.6	17.2	17.7	18.3	18.1
Bataan	16.9	14.5	16.2	16.1	15.1	14.9	16.1	15.7	15.0	9.7
Bulacan	30.0	4.5	1.8	4.0	32.0	9.8	3.2	19.8	13.0	10.1
Nueva Ecija	57.0	94.0	105.4	90.7	130.4	79.5	64.0	34.7	19.5	1.1
Pampanga	609.0	490.0	652.1	649.5	520.9	564.6	495.8	560.8	551.9	574.1
Tarlac	1.1	2.1	2.9	27.4	1.8	7.8	0.5	0.0	0.6	0.7
Zambales	5.7	5.4	3.8	6.8	5.1	5.9	9.4	10.3	10.2	8.9
CALABARZON	352.6	267.0	318.6	328.8	318.6	327.7	308.3	273.3	233.9	313.3
Batangas	115.0	125.0	150.3	203.5	194.3	201.6	180.8	139.6	106.1	174.4
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	110.4	88.7	105.8	106.6	106.2	107.3	109.2	115.3	110.5	123.5
Quezon	0.1	0.0	..	..	..	..	..	..	0.0	0.0
Rizal	127.0	53.3	62.5	18.7	18.1	18.8	18.3	18.4	17.3	15.3
MIMAROPA	26.2	32.7	29.4	28.9	28.4	26.5	25.9	23.8	21.0	22.5
Marinduque	5.2	3.5	2.7	1.9	2.2	1.8	2.1	2.1	1.9	1.8
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	21.0	28.9	25.0	25.8	24.7	24.0	21.5	20.6	16.9	18.2
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	0.3	1.7	1.2	1.5	0.8	2.3	1.1	2.2	2.5
Bicol Region	26.9	32.4	39.1	42.8	36.2	30.7	27.7	19.6	13.9	8.5
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	26.0	29.1	37.9	42.1	36.0	30.6	27.6	19.6	13.9	8.5
Catanduanes	0.9	3.3	1.2	0.7	0.2	0.1	0.2	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	87.6	108.3	187.8	269.2	182.8	231.9	186.2	151.9	141.6	136.2
Aklan	6.3	4.6	27.2	63.6	63.9	73.2	69.2	59.6	61.3	51.5
Antique	20.4	23.8	30.3	39.7	28.7	30.2	35.7	34.7	37.0	33.9
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	48.0	67.3	111.3	152.6	83.3	104.5	59.7	38.2	27.1	34.7
Negros Occidental	13.0	12.6	19.0	13.3	6.9	24.0	21.7	19.4	16.2	16.3
Central Visayas	0.2	0.1	0.1	0.1	0.3	0.4	0.3	..	0.0	0.1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.2	0.1	0.1	0.1	0.3	0.4	0.3	..	0.0	0.1
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	148.2	137.0	144.5	65.9	65.2	49.2	34.9	30.8	0.5	0.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	143.7	135.0	143.5	64.9	65.1	49.2	34.9	30.8	0.5	0.0
Leyte	1.0	1.0	1.0	1.0	0.1	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	3.5	1.0	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	27.1	34.6	43.2	18.8	18.8	28.4	20.4	20.9	27.6	34.5
Zamboanga del Norte	1.1	3.0	5.9	7.0	6.1	8.0	9.8	9.6	8.8	8.5
Zamboanga del Sur	26.0	31.0	37.0	10.3	9.7	17.2	5.7	7.6	15.1	21.4
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	0.7	0.3	1.5	3.0	3.2	5.0	3.8	3.7	4.6
Northern Mindanao	24.5	47.5	57.0	53.9	68.3	70.9	54.2	51.6	43.2	51.9
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	22.0	44.3	48.9	43.4	52.3	43.2	18.8	21.1	11.5	14.6
Misamis Occidental	2.2	1.9	1.9	2.0	4.3	15.6	24.7	19.8	15.0	10.9
Misamis Oriental	0.3	1.4	6.2	8.5	11.7	12.1	10.8	10.6	16.7	26.5
Davao Region	..	0.1	0.0	0.1	..	..	..	0.0	..	..
Davao del Norte	..	..	0.0	0.1	..	..	..	0.0	..	..
Davao del Sur	..	0.1	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	42.5	39.6	38.0	22.1	19.2	17.4	12.6	10.9	12.3	21.2
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	0.6	0.5	0.3	..	..	..	..	..
Sultan Kudarat	42.5	39.6	37.4	21.7	19.0	17.4	12.6	10.9	12.3	21.2
Caraga	1,082.6	1,121.5	1,348.7	1,070.6	927.5	586.8	580.7	561.6	630.2	654.4
Agusan del Norte	425.6	422.9	430.8	383.8	344.9	323.1	334.1	315.3	342.7	358.2
Agusan del Sur	..	..	..	0.2	..	1.5	1.3	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	657.0	698.6	917.8	685.8	581.9	261.7	245.4	246.3	287.5	296.2
Surigao del Sur	..	..	..	0.8	0.7	0.6	..	..	..	..
ARMM	2,533.9	2,375.2	2,475.6	2,506.0	2,588.2	2,886.9	2,910.2	2,903.7	3,224.4	1,560.2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	2,342.0	2,157.8	2,320.5	2,339.0	2,425.7	2,400.2	2,388.3	2,165.0	2,389.3	807.1
Maguindanao	191.9	217.4	155.1	167.0	162.4	486.7	521.9	738.8	835.1	753.1
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gourami										
Philippines	**5,062.9**	**5,342.8**	**6,108.4**	**6,352.5**	**6,153.2**	**7,271.6**	**6,608.4**	**6,839.6**	**6,431.5**	**5,665.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	4.5	4.6	5.4	4.5	3.6	3.1	2.8	2.6	1.9	1.4
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	0.2	0.5	0.2
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	4.5	4.6	5.4	4.5	3.6	3.1	2.8	2.5	1.4	1.2
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	56.2	41.3	40.2	20.6	16.1	9.8	13.6	13.8	12.8	13.8
Ilocos Norte	0.5	0.5	0.4	0.8	0.6	0.5	0.1	0.1	0.1	0.1
Ilocos Sur	5.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
La Union	4.0	4.0	7.3	9.0	8.9	5.2	6.7	6.1	5.7	8.9
Pangasinan	46.0	36.5	32.5	10.8	6.5	4.1	6.8	7.5	7.0	4.8
Cagayan Valley	74.9	106.8	119.2	151.0	137.7	145.6	120.2	101.8	45.3	30.3
Cagayan	57.9	88.6	99.9	124.4	112.6	118.8	81.2	63.8	11.8	10.2
Isabela	6.4	8.1	9.4	16.1	14.9	15.6	28.1	26.9	22.5	12.7
Nueva Vizcaya	10.6	10.0	9.9	10.5	10.2	10.2	10.9	11.1	11.0	7.4
Quirino	..	..	..	..	..	0.9	..	..	..	..
Central Luzon	735.4	732.5	708.9	907.5	797.7	907.1	1,028.9	1,213.8	1,088.9	1,162.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	4.0	3.5	3.0	2.7	2.5	2.6	2.7	2.7	2.6	..
Bulacan	52.5	84.0	6.4	25.9	11.7	7.4	2.0	8.4	0.2	..
Nueva Ecija	140.0	117.3	124.4	95.4	87.2	146.9	117.8	164.1	78.1	98.2
Pampanga	451.0	441.0	487.0	588.0	538.2	576.6	682.8	841.7	825.6	880.1
Tarlac	79.7	79.3	83.2	195.0	154.5	169.2	212.8	187.3	174.5	178.0
Zambales	8.2	7.4	4.9	0.5	3.6	4.5	10.8	9.6	7.9	6.6
CALABARZON	426.4	480.6	502.1	543.6	617.1	606.1	607.9	644.3	658.3	539.0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	426.4	464.1	487.1	540.8	614.0	602.7	604.4	640.7	654.8	535.6
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	16.5	15.0	2.9	3.2	3.4	3.5	3.7	3.5	3.4
MIMAROPA	..	0.7	0.9	1.9	..	..	15.6	40.1	38.5	26.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	0.7	0.9	1.9	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	15.6	40.1	38.5	26.7
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	9.0	17.0	25.3	34.3	39.3	52.2	84.5	100.2	108.9	93.0
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	9.0	10.5	16.0	18.8	15.6	15.2	13.7	10.7	6.5	3.2
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	6.5	9.4	15.5	23.7	37.0	70.7	89.4	102.4	89.8
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	119.1	125.9	132.9	15.8	6.6	20.3	30.4	14.6	15.1	9.2
Aklan	0.3	..	..	..	..	..	..	..	..	..
Antique	0.6	0.2	0.3	0.1	0.1	1.2	1.1	1.0	0.4	0.5
Capiz	..	..	0.6	2.6	1.6	0.7	1.2	2.8	3.5	3.7
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	118.2	125.6	131.4	12.7	4.8	12.8	24.0	5.8	9.7	3.3
Negros Occidental	..	..	0.6	0.5	0.1	5.7	4.2	5.1	1.6	1.6
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	34.8	39.3	39.8	22.7	29.4	22.4	17.7	17.2	14.3	12.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	23.5	21.0	19.7	13.8	12.8	4.6	0.2	0.0	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	11.3	18.3	20.0	8.9	16.6	17.7	17.5	17.2	14.3	12.5
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.2	2.7	3.7	2.2	5.4	7.7	5.3	7.6	4.4	7.2
Bukidnon	..	..	..	..	..	..	..	..	..	4.6
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	0.2	0.2	0.1	0.1	1.0	0.7	2.5	3.9	4.4	2.6
Misamis Oriental	..	2.6	3.6	2.1	4.4	7.0	2.8	3.6	..	..
Davao Region	0.3	0.2	0.1	0.0	0.1	0.2	0.1	0.3	0.3	0.1
Davao del Norte	0.2	..	..	..	..	..	..	..	..	..
Davao del Sur	0.1	0.1	..	0.0	0.1	0.2	0.1	0.3	0.3	0.1
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	0.1	..	..	..	..	..	..	..
Compostela Valley	..	0.1	..	..	..	..	..	..	0.0	..
SOCCSKSARGEN	2,801.0	2,913.6	3,158.3	3,402.0	3,173.1	3,193.8	2,943.2	2,399.7	2,108.2	1,968.1
North Cotabato	1,165.9	1,211.1	1,358.7	1,559.6	1,407.8	1,376.9	1,171.2	1,006.2	1,033.5	1,028.3
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	4.5	2.6	2.5	1.9	1.5	1.7	1.4	1.4	1.5	1.3
Sultan Kudarat	1,630.7	1,699.8	1,797.1	1,840.5	1,763.8	1,815.3	1,770.5	1,392.1	1,073.2	938.4
Caraga	127.7	101.4	137.3	79.1	81.1	72.4	55.8	96.0	123.0	124.4
Agusan del Norte	7.0	6.8	2.9	1.9	0.9	2.2	2.1	3.6	13.8	25.4
Agusan del Sur	115.7	86.7	126.0	70.5	76.5	68.6	53.7	92.4	109.2	99.0
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	0.0	..	..	..	..	..	..
Surigao del Sur	5.0	7.8	8.4	6.8	3.6	1.6	..	..	..	..
ARMM	673.4	776.3	1,234.5	1,167.3	1,246.0	2,230.9	1,682.4	2,187.7	2,211.8	1,677.5
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	673.4	776.3	1,234.5	1,167.3	1,246.0	2,230.9	1,682.4	2,187.7	2,211.8	1,677.5
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish (Bangus)										
Philippines	**3,589.0**	**2,260.8**	**3,714.4**	**9,347.0**	**8,487.0**	**5,718.2**	**4,601.1**	**4,717.0**	**11,746.5**	**8,312.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	1.4	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	1.4	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	17.1	103.9	280.5	3,745.6	3,512.7	1,042.1	13.5	17.9	20.5	20.2
Ilocos Norte	..	0.3	0.1	..	0.5	1.5	..	..	..	..
Ilocos Sur	0.1	2.3	6.1	10.4	12.0	11.4	11.1	9.1	11.3	11.7
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	17.0	101.4	274.4	3,735.2	3,500.2	1,029.2	2.4	8.8	9.2	8.5
Cagayan Valley	..	..	33.5	37.8	38.8	41.1	19.9	22.8	21.3	21.3
Cagayan	..	..	33.5	37.8	38.8	41.1	19.9	22.8	21.3	21.3
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	53.0	34.0	7.8	17.0	11.1	19.3	7.3	3.9	1.0	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	53.0	34.0	7.8	17.0	11.1	19.3	7.3	..	1.0	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	3.9	..	..
CALABARZON	1,836.6	276.7	968.1	2,895.9	2,542.1	2,335.2	2,260.0	2,148.4	9,275.1	5,119.0
Batangas	908.0	153.0	197.8	261.9	688.1	468.8	553.8	361.3	477.0	1,062.3
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	18.0	19.4	104.6	1,168.3	496.5	452.5	434.6	456.9	1,440.6	483.7
Quezon	..	0.4	..	..	..	..	..	..	..	..
Rizal	910.6	103.9	665.7	1,465.7	1,357.4	1,414.0	1,271.6	1,330.2	7,357.6	3,573.0
MIMAROPA	..	1.2	2.3	3.9	4.2	4.7	4.6	1.3	..	..
Marinduque	..	1.2	2.3	3.9	4.2	4.7	4.6	1.3	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	3.0	24.2	27.7	25.0	27.2	29.4	21.0	16.4	11.1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	3.0	24.2	27.7	25.0	27.2	29.4	21.0	16.4	11.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	30.5	32.3	571.7	387.2	95.3	71.1	83.9	150.9	105.9	93.8
Aklan	0.1	0.0	52.2	3.4	..	..	..	1.2	2.1	0.4
Antique	6.4	1.6	12.1	13.4	3.7	2.0	2.2	5.3	5.7	6.3
Capiz	4.0	5.4	12.0	8.7	8.4	12.6	12.7	10.8	6.6	4.9
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	13.1	14.5	441.0	283.9	5.0	2.3	0.8	62.3	2.5	4.7
Negros Occidental	6.9	10.8	54.4	77.7	78.4	54.2	68.3	71.3	89.1	77.5
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	462.0	86.0	103.5	92.5	103.5	100.9	101.0	101.1	99.8	97.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	397.2	..	2.0	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	64.8	86.0	101.5	92.5	103.5	100.9	101.0	101.1	99.8	97.5
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	95.0	66.8	66.8	61.7	17.2	12.8	20.5	15.0	13.4	13.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	95.0	66.8	66.8	61.5	17.2	12.8	20.5	15.0	13.4	13.8
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	0.2	..	..	..	..	..	..
Davao Region	..	0.1	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	0.1	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	1.0	1.3	..	16.1	10.8	10.2	5.3	3.4	17.3	14.6
Agusan del Norte	..	1.3	..	15.2	10.8	10.2	5.3	3.4	17.3	10.9
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	1.0	..	..	0.9	..	..	..	..	..	3.7
ARMM	1,093.8	1,655.5	1,656.1	2,060.4	2,126.3	2,053.5	2,055.8	2,231.4	2,175.9	2,921.3
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	1,093.8	1,655.5	1,656.1	2,060.4	2,126.3	2,053.5	2,055.8	2,231.4	2,175.9	2,921.3
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mudfish (Dalag)										
Philippines	**8,298.3**	**8,875.2**	**10,000.2**	**10,469.6**	**9,906.4**	**10,678.2**	**10,703.2**	**10,864.7**	**11,198.7**	**11,753.5**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	30.3	33.5	32.3	32.1	35.1	35.5	37.5	47.7	47.1	47.0
Abra	6.0	4.0	4.2	3.6	3.7	3.8	4.3	7.7	5.7	4.0
Apayao	9.6	8.5	7.3	6.7	7.5	7.3	8.3	15.0	15.7	16.1
Benguet	..	0.9	0.8	0.2	0.9	0.9	0.8	0.9	1.1	1.1
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	14.8	20.1	20.0	21.7	23.1	23.5	24.2	24.0	24.6	25.8
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	180.0	152.1	161.7	122.0	79.0	94.3	130.6	89.0	95.8	86.7
Ilocos Norte	6.1	7.0	13.7	5.1	10.1	8.7	22.4	12.7	7.2	3.4
Ilocos Sur	11.5	6.0	2.3	3.6	3.9	3.8	4.0	4.7	6.5	6.6
La Union	21.5	15.8	24.7	29.7	30.0	26.8	35.5	28.8	49.9	56.0
Pangasinan	141.0	123.2	121.1	83.6	35.0	55.0	68.7	42.9	32.2	20.8
Cagayan Valley	503.9	424.6	576.5	766.7	753.7	810.2	913.7	981.2	744.5	627.1
Cagayan	368.5	300.4	441.6	617.2	593.8	629.1	695.8	763.8	547.0	495.7
Isabela	62.7	54.9	49.9	54.4	71.8	84.0	106.2	102.4	80.9	57.2
Nueva Vizcaya	70.2	66.5	81.5	92.1	86.1	93.3	109.4	113.0	114.3	72.8
Quirino	2.5	2.8	3.5	3.0	1.9	3.7	2.4	2.0	2.4	1.3
Central Luzon	1,543.0	1,686.9	1,591.6	1,537.4	1,370.2	1,329.3	1,452.7	1,639.9	1,604.0	1,675.5
Aurora	20.5	17.3	18.0	24.3	22.6	25.6	26.0	27.2	28.9	28.9
Bataan	6.4	6.9	9.2	10.5	11.3	12.7	13.5	14.8	15.0	13.2
Bulacan	124.0	182.6	183.5	115.0	40.4	30.4	35.2	71.3	33.5	52.7
Nueva Ecija	215.0	210.0	182.2	181.5	197.4	166.2	123.5	157.1	95.4	80.2
Pampanga	1,115.0	1,194.0	1,088.3	1,040.4	945.0	940.3	1,084.2	1,207.2	1,299.7	1,374.2
Tarlac	39.7	49.8	84.5	158.4	144.3	139.9	149.1	141.7	115.8	115.0
Zambales	22.4	26.2	25.8	7.3	9.1	14.3	21.3	20.5	15.7	11.4
CALABARZON	261.9	234.3	253.2	205.7	284.1	276.1	240.4	237.7	225.4	218.0
Batangas	13.0	21.0	17.5	7.1	72.1	67.7	28.5	18.3	13.5	10.7
Cavite	1.2	1.1	0.4	0.1	0.0	..	0.0	0.3	..	5.3
Laguna	108.7	127.0	141.1	159.6	183.9	179.2	181.4	188.5	185.8	177.8
Quezon	0.3	0.4	0.1	0.3	0.1	0.2	0.4	0.3	0.2	0.4
Rizal	138.7	84.8	94.1	38.6	28.0	29.0	30.1	30.2	26.0	23.7
MIMAROPA	60.6	60.8	61.6	116.3	86.7	89.7	91.5	73.7	72.1	69.8
Marinduque	7.9	8.4	6.2	5.5	5.4	5.1	4.5	4.1	4.7	4.7
Occidental Mindoro	15.6	14.0	14.8	15.2	10.8	11.6	12.7	14.1	14.7	14.9
Oriental Mindoro	32.0	32.9	31.1	31.3	28.9	30.4	30.6	33.4	31.5	34.5
Palawan	2.7	3.7	7.1	62.1	39.9	40.1	41.6	20.1	18.7	13.1
Romblon	2.3	1.9	2.5	2.2	1.8	2.5	2.2	2.0	2.4	2.6
Bicol Region	130.3	162.2	191.7	215.5	201.0	208.9	244.5	252.5	256.5	221.0
Albay	86.0	101.2	108.6	118.7	106.0	107.5	123.8	135.4	137.5	116.6
Camarines Norte	14.7	18.3	25.9	27.9	28.8	31.9	43.4	34.3	38.3	35.6
Camarines Sur	15.0	20.0	30.0	36.0	31.2	29.2	29.7	26.0	19.8	11.8
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	5.5	8.8	16.0	17.7	20.2	25.6	34.3	37.1	39.9	50.9
Sorsogon	9.1	14.0	11.2	15.2	14.8	14.7	13.4	19.6	21.0	6.1
Western Visayas	196.7	131.2	146.5	137.9	76.9	117.5	106.2	65.3	64.8	52.6
Aklan	0.2	..	..	..	..	..	..	..	..	..
Antique	1.7	0.7	0.8	0.9	0.7	0.6	0.7	0.7	0.7	1.0
Capiz	4.5	5.4	8.6	17.6	17.2	22.2	24.9	25.9	23.9	19.0
Guimaras	3.5	4.6	4.8	5.2	3.5	3.4	4.0	2.8	2.8	2.6
Iloilo	186.0	119.4	129.6	111.9	54.3	82.9	71.9	29.7	34.3	26.8
Negros Occidental	0.9	1.1	2.7	2.3	1.2	8.4	4.8	6.2	3.2	3.2
Central Visayas	3.3	3.3	6.9	7.7	4.5	4.9	6.4	5.8	5.5	4.2
Bohol	0.4	0.6	2.8	5.2	2.5	2.7	3.2	2.5	2.2	2.2
Cebu	1.8	1.3	2.2	2.0	1.6	1.6	2.1	1.8	2.9	1.8
Negros Oriental	1.1	1.5	2.0	0.5	0.4	0.6	1.1	1.6	0.5	0.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	178.9	185.1	413.6	243.0	97.7	81.6	54.5	50.3	36.8	35.6
Biliran	2.6	1.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Eastern Samar	54.5	54.3	52.4	37.3	40.0	28.0	13.3	11.7	0.4	0.2
Leyte	86.5	82.2	89.8	23.1	13.2	13.1	0.1	0.2	0.1	0.1
Northern Samar	26.5	39.0	266.4	181.5	44.5	40.5	40.7	38.3	36.2	35.3
Southern Leyte	8.8	8.0	4.6	0.9	..	..	0.3	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	76.3	82.9	86.8	153.9	155.5	119.1	116.1	107.1	106.8	105.8
Zamboanga del Norte	2.7	4.8	3.7	4.1	4.8	5.7	6.9	6.2	6.6	6.2
Zamboanga del Sur	72.0	77.0	82.0	143.8	145.4	108.2	105.7	96.0	95.3	91.5
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	1.6	1.1	1.1	6.1	5.3	5.2	3.6	4.9	4.8	8.1
Northern Mindanao	149.1	167.3	201.3	307.7	305.6	281.0	285.6	253.1	404.7	396.4
Bukidnon	1.7	2.2	6.8	62.7	43.8	28.7	17.1	36.8	79.7	62.9
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	147.1	164.5	192.8	241.5	259.6	248.1	263.7	209.4	316.0	322.0
Misamis Occidental	0.3	0.4	0.4	0.4	0.5	2.4	3.5	6.6	8.1	11.4
Misamis Oriental	0.0	0.3	1.3	3.2	1.6	1.8	1.3	0.4	0.8	0.1
Davao Region	19.2	16.4	19.8	20.3	14.4	19.3	18.1	18.3	15.6	25.0
Davao del Norte	2.1	0.5	0.0	..	..	..	..	..	..	..
Davao del Sur	0.3	0.3	0.1	0.2	0.5	1.2	0.5	1.1	0.6	0.6
Davao City	0.5	0.7	0.2	0.2	..	..	..	..	..	..
Davao Oriental	6.3	4.0	2.7	2.8	1.0	1.7	1.3	0.1	..	0.0
Compostela Valley	9.9	10.9	16.8	17.0	12.9	16.4	16.2	17.1	15.0	24.4
SOCCSKSARGEN	1,807.2	2,260.9	2,799.4	3,269.8	2,999.8	3,422.5	3,516.6	3,399.4	3,533.7	3,390.9
North Cotabato	1,505.6	1,949.7	2,476.6	2,959.4	2,675.5	3,101.2	3,216.8	3,080.3	3,239.4	3,091.1
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	3.1	3.2	2.6	4.6	4.2	3.9	3.2	3.3	4.2	3.2
Sultan Kudarat	298.5	308.1	320.2	305.9	320.2	317.3	296.6	315.9	290.1	296.6
Caraga	707.2	845.9	780.3	588.8	571.8	601.1	573.7	553.2	471.5	351.2
Agusan del Norte	63.2	82.5	93.4	59.6	39.5	74.8	76.7	61.3	59.7	51.0
Agusan del Sur	578.5	708.9	626.2	476.5	459.7	455.5	457.7	471.8	391.2	279.1
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	56.5	42.0	43.1	29.7	50.4	48.6	27.2	9.8	6.9	5.6
Surigao del Sur	9.0	12.5	17.5	23.0	22.2	22.2	12.2	10.3	13.6	15.5
ARMM	2,450.5	2,428.1	2,677.2	2,744.7	2,870.4	3,187.1	2,915.1	3,090.5	3,514.0	4,447.0
Basilan	..	..	..	..	..	..	..	0.2	0.1	0.1
Lanao del Sur	834.5	791.8	883.4	897.7	956.5	947.1	933.8	1,060.5	1,317.3	1,574.2
Maguindanao	1,616.0	1,636.4	1,793.8	1,847.0	1,913.8	2,240.0	1,981.3	2,029.8	2,196.7	2,872.7
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mullet (Kapak)										
Philippines	**831.5**	**788.6**	**865.2**	**909.5**	**949.8**	**802.5**	**792.1**	**877.0**	**881.9**	**956.2**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	122.8	97.3	126.9	92.2	77.7	73.8	102.5	119.3	111.5	76.8
Ilocos Norte	11.1	5.6	5.0	2.6	7.2	15.9	16.2	24.0	26.1	9.5
Ilocos Sur	15.7	26.9	32.0	33.1	29.4	32.7	32.8	36.2	35.4	16.1
La Union	29.0	29.0	28.5	32.1	27.4	16.3	38.5	17.8	33.9	24.7
Pangasinan	67.0	35.8	61.5	24.5	13.7	8.9	15.1	41.3	16.1	26.4
Cagayan Valley	83.4	117.9	128.9	120.4	73.9	67.8	84.3	99.1	107.2	112.7
Cagayan	66.4	103.2	115.3	111.1	65.1	58.6	67.2	81.2	87.2	90.5
Isabela	17.0	14.8	13.6	8.9	8.4	9.0	13.9	17.4	19.4	19.9
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	0.5	0.4	0.2	3.2	0.5	0.5	2.3
Central Luzon	84.1	59.5	50.0	52.5	129.9	93.9	39.9	45.9	56.9	233.1
Aurora	14.7	12.7	18.3	15.5	14.8	15.2	14.9	16.3	16.8	16.6
Bataan	18.5	12.0	10.5	9.5	8.4	8.9	8.8	9.5	9.2	7.4
Bulacan	51.0	34.8	21.2	27.5	106.7	69.8	16.2	20.1	30.8	209.1
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	0.0	0.0	0.3	0.2	0.1	0.5	0.8	0.5	0.3	0.1
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	0.0	0.0	0.3	0.2	0.1	0.5	0.8	0.5	0.3	0.1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	12.3	12.1	10.5	9.7	9.2	10.7	11.1	11.7	12.5	12.9
Marinduque	7.0	7.7	6.1	5.5	5.9	6.3	6.7	6.6	6.7	6.7
Occidental Mindoro	4.2	3.8	3.7	3.0	2.8	3.6	3.5	4.1	4.3	4.6
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0.0	..	..	..	..	..	..	..	..	..
Romblon	1.1	0.6	0.6	1.3	0.5	0.7	1.0	1.1	1.5	1.6
Bicol Region	4.7	4.6	5.9	4.7	3.8	5.5	6.0	5.7	6.9	7.2
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	2.8	2.8	5.2	4.0	2.7	4.2	4.6	4.2	5.1	5.2
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	1.9	1.8	0.7	0.7	1.1	1.3	1.4	1.5	1.8	1.9
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	0.1	..	..	..	..	..	..	..	..
Western Visayas	362.6	331.6	378.7	510.3	448.5	347.3	328.9	394.1	376.2	343.2
Aklan	2.1	1.6	21.5	30.6	37.2	41.7	36.7	48.3	50.8	43.9
Antique	16.3	12.3	15.5	26.6	33.9	35.5	42.8	41.6	44.3	41.1
Capiz	4.0	4.4	4.8	14.9	11.9	19.0	19.6	16.1	10.8	6.9
Guimaras	..	..	..	1.4	1.3	1.5	2.0	2.0	1.6	1.2
Iloilo	81.7	77.6	95.1	90.2	70.3	70.6	81.0	15.0	25.5	30.8
Negros Occidental	258.6	235.7	241.7	346.5	293.9	179.0	146.8	271.1	243.2	219.4
Central Visayas	2.2	1.6	7.9	9.4	10.4	6.7	4.0	3.2	2.2	1.5
Bohol	..	..	0.6	0.9	0.9	0.6	0.3	0.3	0.2	0.1
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	2.2	1.6	7.4	8.5	9.5	6.2	3.7	2.9	1.9	1.4
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	44.6	45.6	42.7	25.0	35.6	32.2	23.1	16.3	10.8	4.6
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	41.8	40.5	38.6	24.0	22.2	19.6	13.0	8.5	3.0	1.8
Leyte	0.6	1.2	1.4	0.6	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	2.2	3.9	2.8	..	..	..	..	..	..	..
Samar	..	..	..	0.4	13.4	12.6	10.1	7.8	7.8	2.8
Zamboanga Peninsula	5.4	2.2	3.2	3.5	6.7	16.6	15.7	17.0	16.5	18.1
Zamboanga del Norte	5.4	2.2	3.2	3.5	5.5	6.6	7.7	7.6	8.1	7.5
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	1.2	10.0	8.0	9.4	8.4	10.6
Northern Mindanao	76.5	77.2	76.4	44.2	103.9	104.6	104.7	85.5	78.5	72.6
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	76.0	74.5	72.7	36.5	96.8	96.5	97.1	75.5	70.5	62.6
Misamis Occidental	0.4	0.4	0.5	0.5	2.6	5.1	6.6	8.2	6.8	8.0
Misamis Oriental	0.1	2.3	3.2	7.2	4.6	3.1	1.0	1.8	1.2	2.0
Davao Region	1.1	0.5	0.3	0.8	1.0	0.4	0.1	0.1	1.1	2.0
Davao del Norte	0.0	..	..	..	0.1	0.0	0.1	0.1	0.0	0.1
Davao del Sur	..	0.1	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	0.9	0.2	0.1	..	0.9	0.4	..	..	1.0	2.0
Compostela Valley	0.2	0.1	0.2	0.8	..	..	..	..	0.0	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	31.7	38.5	33.6	36.6	49.2	42.6	71.1	78.6	101.4	71.5
Agusan del Norte	3.7	2.0	2.2	4.3	3.9	10.3	6.8	2.9	3.3	6.1
Agusan del Sur	6.0	6.5	3.8	0.5	1.3	0.7	0.6	..	0.4	3.5
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	1.0	..	..	..	..	..	..
Surigao del Sur	22.0	30.0	27.6	30.8	43.9	31.6	63.7	75.7	97.6	61.9
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mullet (Ludong)										
Philippines	**58.9**	**62.9**	**62.7**	**48.9**	**62.8**	**51.2**	**42.9**	**36.5**	**46.2**	**29.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.9	..	..	0.5	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	0.9	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	0.5	..	..	..	..	..
Cagayan Valley	0.8	0.5	1.2	0.8	0.6	0.7	0.7	1.7	1.2	0.5
Cagayan	0.3	0.2	0.4	0.1	0.0	0.0	0.0	..	..	..
Isabela	0.5	0.3	0.8	0.7	0.5	0.7	0.7	1.7	1.2	0.5
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	0.2	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	0.2	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	0.7	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	0.7	..	..	..	..	..	..	..	..
Western Visayas	4.9	6.4	10.1	3.0	..	..	..	..	12.5	1.7
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	2.8	4.6	7.3	3.0	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	2.1	1.8	2.8	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	1.7
Negros Occidental	..	..	..	..	..	..	..	..	12.5	..
Central Visayas	1.1	0.7	0.3	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	1.1	0.7	0.3	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	50.3	53.7	50.4	40.8	55.1	45.7	38.9	32.5	29.8	26.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	32.2	34.4	35.0	23.1	25.9	23.9	17.6	10.5	8.7	6.2
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	13.3	14.0	13.3	14.6	27.8	21.9	21.3	22.0	21.0	19.9
Southern Leyte	4.8	5.3	2.1	2.2	1.5	..	..	..	..	..
Samar	..	..	..	0.8	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	2.2	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	2.2	..	..	..	..	..	..
Northern Mindanao	0.6	..	0.6	2.1	5.5	4.6	3.2	2.3	2.7	1.7
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	0.6	..	0.6	2.1	5.5	4.6	3.2	2.3	2.7	1.7
Davao Region	..	..	0.0	0.0	0.0	0.1	..	..	..	..
Davao del Norte	..	..	0.0	0.0	0.0	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	0.1	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	1.0	..	..	0.1	1.1	0.1	0.0	0.0	..	..
Agusan del Norte	..	..	..	0.1	1.1	0.1	0.0	0.0	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	1.0	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Sardines (Tawilis)										
Philippines	**750.8**	**1,642.3**	**1,650.2**	**1,413.7**	**1,077.2**	**941.1**	**756.9**	**479.7**	**648.7**	**1,274.0**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.8	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	0.8	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	725.0	1,615.0	1,626.7	1,397.2	1,064.9	930.8	750.7	476.4	636.1	1,273.4
Batangas	725.0	1,615.0	1,626.7	1,397.2	1,064.9	930.8	750.7	476.4	636.1	1,273.4
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.1	0.0	0.0	..	..	..	..	..	11.4	0.4
Aklan	..	..	..	..	..	..	..	..	0.1	0.4
Antique	0.1	0.0	0.0	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	11.3	..
Central Visayas	3.9	7.6	11.1	5.9	7.7	6.5	6.2	3.2	1.2	0.2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	3.9	7.6	11.1	5.9	7.7	6.5	6.2	3.2	1.2	0.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	21.8	16.2	9.1	6.7	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	21.5	16.2	9.1	6.7	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	0.3	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	2.6	3.4	3.9	4.6	3.8	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	2.6	3.4	3.9	4.6	3.8	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Silver perch (Ayungin)										
Philippines	**3,742.1**	**3,790.7**	**2,911.1**	**2,286.8**	**2,193.3**	**2,256.6**	**2,196.9**	**2,317.1**	**2,165.1**	**1,921.2**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	53.2	51.4	51.4	49.6	47.3	65.4	71.6	72.3	71.5	68.9
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	2.5	2.7	3.1	3.3	4.4	4.0	3.5	3.5	3.7	3.7
Ifugao	41.1	39.2	38.2	35.5	31.6	49.8	56.5	57.5	57.8	55.2
Kalinga	9.6	9.5	10.2	10.8	11.3	11.6	11.6	11.3	10.1	10.0
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	45.8	32.5	27.5	28.9	28.4	31.2	30.3	18.3	21.5	17.2
Ilocos Norte	23.8	5.0	2.6	6.8	13.5	20.9	19.9	11.5	13.6	7.6
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	2.2	2.9	3.6	3.2	5.3	4.1	4.3	5.7
Pangasinan	22.0	27.5	22.8	19.2	11.4	7.1	5.1	2.8	3.6	3.9
Cagayan Valley	66.7	62.8	50.4	44.0	38.3	44.2	30.1	37.5	23.7	20.7
Cagayan	8.3	7.3	6.4	3.1	1.4	1.9	0.3	5.6	..	..
Isabela	53.0	49.2	37.5	34.4	30.5	35.6	22.8	25.6	17.1	15.5
Nueva Vizcaya	5.4	6.3	6.5	6.5	6.5	6.5	6.9	6.4	6.6	5.3
Quirino	..	..	..	..	..	0.2	..	..	..	..
Central Luzon	678.7	593.1	750.3	607.8	452.4	445.0	386.7	396.9	334.8	331.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	6.1	5.9	5.4	5.9	5.5	5.5	5.1	5.4	4.9	3.5
Bulacan	18.5	13.0	49.5	2.6	27.2	18.2	15.9	23.7	2.2	3.2
Nueva Ecija	36.0	31.0	70.5	63.7	41.7	5.0	4.5	..	0.8	1.0
Pampanga	614.0	538.0	620.3	493.3	369.1	407.7	360.2	359.1	323.3	321.3
Tarlac	2.2	2.3	3.6	41.2	8.1	8.0	1.0	8.2	3.0	1.2
Zambales	2.0	3.0	1.0	1.0	0.8	0.6	..	0.6	0.7	1.8
CALABARZON	2,737.5	2,851.9	1,792.3	1,308.4	1,360.5	1,393.9	1,391.8	1,427.6	1,324.5	1,180.4
Batangas	56.0	77.0	87.3	109.9	76.4	91.2	90.4	74.3	57.5	77.1
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1,906.6	1,891.1	1,203.1	972.5	1,060.2	1,070.4	1,075.1	1,128.4	1,134.2	984.5
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	774.9	883.8	501.9	226.1	223.9	232.2	226.4	224.9	132.8	118.8
MIMAROPA	18.0	35.5	42.0	39.2	38.4	36.7	37.2	36.8	36.0	35.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	18.0	35.5	42.0	39.2	38.4	36.7	37.2	36.8	36.0	35.0
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	76.0	91.7	113.9	129.5	128.3	129.9	146.2	141.1	135.4	112.2
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	76.0	91.7	113.9	129.5	128.3	129.9	146.2	141.1	135.4	112.2
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.4	0.4	0.2	0.0	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0.4	0.4	0.2	0.0	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	0.8	..	..	..	..	..	..	..	..	..
Biliran	0.8	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	5.0	5.1	15.0	10.7	13.6	21.9	25.8	36.9	41.1	40.9
Zamboanga del Norte	5.0	5.1	8.0	8.2	8.1	8.7	11.0	10.7	10.5	10.1
Zamboanga del Sur	..	..	7.0	2.5	5.5	13.2	14.8	26.1	30.5	30.7
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.1	1.1	3.8	4.9	20.0	26.6	18.0	9.4	18.5	10.0
Bukidnon	..	..	..	2.1	12.0	8.5	14.7	6.7	11.4	8.6
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	0.1	1.1	3.8	2.9	8.0	18.2	3.3	2.7	7.1	1.4
Davao Region	..	0.3	..	..	..	..	..	..	..	..
Davao del Norte	..	0.3	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	56.8	58.3	56.2	57.8	60.3	57.4	56.2	138.0	150.4	84.0
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	4.7	5.7	6.5	11.4	13.8	16.9	16.5	18.6	16.6	17.2
Sultan Kudarat	52.1	52.6	49.7	46.4	46.4	40.5	39.7	119.4	133.8	66.8
Caraga	3.0	6.5	8.4	6.0	6.0	4.5	3.1	2.4	7.9	20.1
Agusan del Norte	..	..	..	..	0.2	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	3.0	6.5	8.4	6.0	5.8	4.5	3.1	2.4	7.9	20.1
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Spade Fish (Kitang)										
Philippines	**151.0**	**211.5**	**239.3**	**245.9**	**207.1**	**197.6**	**228.3**	**192.3**	**201.2**	**215.6**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	26.0	10.5	25.9	44.9	40.8	28.8	56.4	32.2	49.8	62.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	26.0	10.5	25.9	44.9	40.8	28.8	56.4	32.2	49.8	62.1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	5.0	94.2	127.4	107.8	54.0	50.3	46.3	23.5	20.8	21.9
Cagayan	5.0	94.2	127.4	107.8	54.0	50.3	46.3	23.5	20.8	21.9
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	10.4	10.0	2.4	1.0	0.9	0.6	0.6	0.9	1.0	1.0
Aurora	10.4	10.0	2.4	1.0	0.9	0.6	0.6	0.9	1.0	1.0
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	0.3	0.2	..	..	0.0	..	..	..	..	0.0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	0.3	0.2	..	..	0.0	..	..	..	..	0.0
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	1.5	3.8	3.8	3.5	3.6	3.9	4.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	1.5	3.8	3.8	3.5	3.6	3.9	4.3
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	51.7	35.9	33.7	45.2	53.1	38.6	51.6	61.5	59.0	62.2
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	2.6	3.8	1.3	1.1	1.7	2.2	2.5	3.3	4.0	3.7
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	8.0	5.0	..	0.1	..	1.5	..	7.5	4.7	5.9
Negros Occidental	41.1	27.1	32.5	44.1	51.4	34.9	49.1	50.7	50.3	52.6
Central Visayas	..	..	0.7	0.6	0.6	0.4	0.5	0.6	0.4	0.2
Bohol	..	..	0.7	0.6	0.6	0.4	0.5	0.5	0.4	0.2
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	0.0	0.0	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	14.6	49.2	39.8	26.4	29.9	37.5	30.5	27.6	27.7	21.7
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	5.1	3.0	2.4	2.6	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	36.0	31.2	20.7	24.9	25.9	24.7	23.4	22.1	19.7
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	9.5	10.2	6.3	3.2	5.0	11.6	5.7	4.1	5.5	2.0
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	35.4	0.5	0.6	0.6	1.7	2.4	3.0	3.7	5.8	6.7
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	35.0	..	..	..	..	..	..	..	..	..
Misamis Occidental	0.4	0.5	0.6	0.6	1.7	2.4	3.0	3.7	5.8	6.7
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	0.1	..	..	..	..	..	..	..	..
Davao del Norte	..	0.0	..	..	..	..	..	..	..	..
Davao del Sur	..	0.1	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	7.0	10.0	8.0	16.9	21.4	34.3	35.2	38.3	32.1	34.8
Agusan del Norte	0.0	0.4	0.3	0.9	4.9	4.9	2.6	1.5	3.5	6.4
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	7.0	9.6	7.7	16.0	16.5	29.4	32.7	36.8	28.7	28.4
ARMM	0.6	0.8	0.8	0.9	0.8	0.9	0.8	0.7	0.7	0.7
Basilan	0.6	0.8	0.8	0.9	0.8	0.9	0.8	0.7	0.7	0.7
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Starry Boby (Dulong)										
Philippines	**209.7**	**229.2**	**125.7**	**129.1**	**118.1**	**129.7**	**165.3**	**207.8**	**252.2**	**259.1**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	26.2	28.8	25.8	22.7	23.0	28.6	23.6	22.8	12.0	12.7
Cagayan	..	3.6	8.9	9.4	11.1	10.3	9.0	9.9	3.1	3.2
Isabela	26.2	25.2	16.9	13.4	11.9	18.3	14.6	12.9	8.9	9.5
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	53.0	68.0	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	53.0	68.0	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	68.4	71.4	50.7	54.4	57.2	52.3	52.1	54.2	51.3	48.2
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	59.3	67.3	45.6	47.9	50.5	45.2	45.5	47.5	47.8	43.8
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	9.2	4.1	5.1	6.5	6.8	7.0	6.6	6.7	3.4	4.4
MIMAROPA	0.7	1.1	0.7	1.3	1.3	0.4	..	..	..	..
Marinduque	..	0.6	0.7	1.3	1.3	0.4	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	0.7	0.5	..	..	..	..	..	..	..	..
Bicol Region	..	..	0.4	0.5	0.6	0.9	1.0	0.4	0.5	0.5
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	0.4	0.5	0.6	0.9	1.0	0.4	0.5	0.5
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	11.5	15.3	12.0	17.4	12.7	20.1	19.9	23.0	10.7	9.4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	6.9	9.6	5.8	2.7	1.4	2.0	2.3	2.2	2.5	2.7
Capiz	4.7	5.7	6.2	14.7	11.2	18.1	17.5	13.8	8.2	6.7
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	7.0	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	0.1	0.0	0.0	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.1	0.0	0.0	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	13.6	10.3	3.8	7.6	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	13.6	10.3	3.8	7.6	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.8	0.2	1.1	10.1	5.7	5.9	4.5	2.7	4.3	3.1
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	0.8	0.2	1.1	10.1	5.7	5.9	4.5	2.7	4.3	3.1
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	49.0	44.3	35.0	8.8	7.3	17.8	56.7	104.7	173.5	185.2
Agusan del Norte	49.0	44.3	34.6	8.2	7.3	17.8	56.7	104.7	173.5	185.2
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	0.5	0.7	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tarpon (Buan Buan)										
Philippines	**147.0**	**165.7**	**173.8**	**251.7**	**205.3**	**223.9**	**197.4**	**159.7**	**136.2**	**104.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.1	1.9	1.5	3.4	2.4	0.6	0.6	0.5	0.9
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	0.1	1.9	1.5	3.4	2.4	0.6	0.6	0.5	0.9
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	5.4	10.1	11.3	19.9	17.8	22.1	24.6	13.9	12.4	10.0
Cagayan	5.1	9.6	11.2	19.7	17.8	22.1	24.6	13.9	12.4	10.0
Isabela	0.3	0.5	0.2	0.2	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2.0	1.5	0.9	0.9	..	0.1	3.5	2.0	2.0	1.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	1.0	1.5	0.9	0.2	..	..	..	..	..	..
Bulacan	..	..	..	0.7	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	1.0	..	..	..	..	0.1	3.5	2.0	2.0	1.8
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	0.9	1.3	2.2	4.2	4.3	4.4	5.1	5.3	6.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	0.9	1.0	2.0	3.8	4.1	4.2	4.8	5.2	5.8
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	0.3	0.2	0.4	0.2	0.1	0.3	0.1	0.3
Bicol Region	..	..	..	..	..	..	..	..	..	0.1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	0.1
Western Visayas	42.3	46.3	38.5	42.6	22.5	31.6	18.3	25.1	20.9	12.8
Aklan	0.9	0.8	..	..	..	..	..	..	..	..
Antique	3.2	2.5	3.5	14.8	7.9	6.4	6.9	8.0	10.0	9.5
Capiz	3.0	3.7	5.5	4.2	2.0	1.7	1.8	2.1	1.3	0.7
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	31.7	36.3	27.6	21.2	11.3	16.3	5.0	8.4	5.7	..
Negros Occidental	3.5	3.0	1.9	2.3	1.3	7.2	4.6	6.5	3.9	2.6
Central Visayas	..	..	0.1	0.4	0.3	0.4	0.4	0.3	0.1	..
Bohol	..	..	0.1	0.4	0.3	0.4	0.4	0.3	0.1	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	23.6	23.7	16.6	10.4	9.4	8.4	2.7	2.6	0.6	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	23.6	23.7	16.6	10.4	9.4	8.4	2.7	2.6	0.6	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	64.0	66.0	68.0	121.8	104.0	88.3	88.4	62.0	55.4	48.1
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	64.0	66.0	68.0	121.8	104.0	88.3	88.4	62.0	55.4	48.1
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	2.1	18.4	24.6	19.9	18.7	13.3	17.1	11.2	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	2.1	18.4	24.6	19.9	18.7	13.3	17.1	11.2	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	0.0	0.0	0.0	..
Davao del Norte	..	..	..	..	..	..	0.0	0.0	0.0	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	15.5	15.1	38.6	34.5	28.3	25.6	21.7
North Cotabato	..	..	..	15.5	15.1	38.6	34.5	28.3	25.6	21.7
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	9.2	14.4	16.1	11.2	8.0	8.4	6.1	2.1	1.4	2.5
Agusan del Norte	4.2	7.0	8.3	4.3	3.0	3.9	4.3	2.1	1.4	1.0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	5.0	7.4	7.8	6.9	5.0	4.5	1.7	..	..	1.6
ARMM	0.5	0.6	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7
Basilan	0.5	0.6	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**39,734.3**	**37,648.5**	**42,704.0**	**43,462.9**	**44,896.1**	**45,784.3**	**47,439.3**	**48,937.8**	**54,180.2**	**50,473.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	379.6	411.0	447.9	454.6	438.2	460.0	461.1	476.0	513.8	519.1
Abra	106.0	123.0	135.0	142.3	149.5	149.8	138.4	136.4	157.4	152.3
Apayao	40.1	41.7	45.5	51.0	43.7	47.6	52.8	60.9	66.5	69.3
Benguet	37.2	41.6	43.2	45.8	47.2	50.6	51.9	52.9	54.6	58.8
Ifugao	131.2	137.0	150.0	135.3	115.8	128.5	126.6	129.3	131.2	128.3
Kalinga	65.1	67.4	73.5	78.9	80.6	81.8	89.6	94.5	101.7	108.5
Mountain Province	..	0.3	0.8	1.3	1.6	1.7	1.9	2.1	2.4	1.9
Ilocos Region	665.6	536.9	730.1	521.5	381.1	374.3	391.7	334.1	392.2	309.6
Ilocos Norte	237.1	163.7	178.7	213.1	172.7	106.1	127.2	107.0	112.9	59.6
Ilocos Sur	93.5	69.5	78.0	58.2	62.9	66.8	65.7	62.8	65.6	49.2
La Union	68.0	53.0	60.3	70.9	71.7	64.0	79.2	68.2	80.9	89.3
Pangasinan	267.0	250.7	413.1	179.4	73.8	137.4	119.7	96.1	132.8	111.5
Cagayan Valley	2,807.7	3,279.6	3,721.8	4,282.9	4,649.1	4,858.1	5,096.0	5,066.2	4,376.1	3,536.6
Cagayan	1,587.3	1,953.9	2,345.3	2,778.5	2,985.6	3,200.6	3,380.4	3,377.0	2,769.8	1,943.8
Isabela	962.6	1,074.9	1,105.0	1,182.9	1,386.6	1,359.1	1,378.4	1,346.8	1,287.7	1,336.2
Nueva Vizcaya	140.8	141.5	159.3	166.2	151.9	159.7	181.7	182.4	180.8	154.5
Quirino	117.0	109.3	112.2	155.3	125.0	138.7	155.5	160.0	137.9	102.1
Central Luzon	2,523.6	2,992.9	3,048.5	2,924.3	2,750.2	2,822.0	2,817.3	2,742.6	3,029.7	2,922.7
Aurora	24.2	22.3	23.9	28.1	28.9	31.0	31.7	33.5	34.1	34.2
Bataan	10.4	12.2	12.8	14.9	15.5	16.4	18.3	20.3	21.2	25.0
Bulacan	369.0	790.9	608.3	346.5	437.2	499.3	305.1	412.9	474.1	420.2
Nueva Ecija	582.0	479.0	589.8	494.1	347.2	271.9	190.3	209.2	209.4	182.6
Pampanga	1,402.0	1,509.0	1,625.7	1,741.4	1,682.2	1,767.3	2,003.4	1,797.9	2,037.1	2,006.9
Tarlac	68.1	92.5	83.7	224.2	159.5	155.0	163.4	151.3	139.3	164.7
Zambales	68.0	86.9	104.3	75.2	79.7	81.1	105.2	117.5	114.5	89.1
CALABARZON	14,021.1	9,485.7	11,292.8	10,823.0	12,065.0	12,147.4	12,484.8	13,189.7	18,013.8	16,212.9
Batangas	5,689.0	640.0	676.4	405.7	520.7	577.9	684.7	564.3	967.7	668.3
Cavite	13.7	17.1	15.8	6.0	6.1	7.0	13.3	12.5	11.7	27.9
Laguna	6,251.4	5,901.0	6,713.3	7,818.4	8,309.8	8,153.5	8,282.7	8,597.0	9,364.4	7,758.3
Quezon	3.2	2.9	2.5	3.9	3.0	4.0	9.8	3.3	3.0	2.3
Rizal	2,063.9	2,924.7	3,884.8	2,589.1	3,225.4	3,405.0	3,494.3	4,012.6	7,667.1	7,756.0
MIMAROPA	364.4	369.4	390.2	444.5	411.7	416.3	421.9	398.7	394.3	384.2
Marinduque	8.8	8.3	9.9	7.9	7.3	7.5	6.7	5.7	5.1	5.8
Occidental Mindoro	47.3	45.8	46.5	47.6	27.7	31.2	33.4	35.4	35.5	36.0
Oriental Mindoro	304.0	310.3	328.0	334.9	333.5	336.1	339.9	336.3	332.1	327.8
Palawan	3.3	4.2	4.9	52.9	41.6	39.9	40.7	19.7	19.1	13.0
Romblon	1.1	0.7	0.9	1.2	1.5	1.5	1.3	1.6	2.7	1.6
Bicol Region	1,504.6	2,263.9	2,817.2	3,303.6	3,092.2	3,303.9	3,445.0	3,575.0	3,648.2	3,603.2
Albay	539.0	861.8	924.8	1,101.7	950.8	1,009.1	1,008.0	1,135.2	1,189.0	1,204.6
Camarines Norte	34.1	46.3	71.4	87.3	92.6	109.9	115.9	159.3	167.5	193.8
Camarines Sur	905.0	1,311.2	1,779.0	2,070.8	2,002.1	2,133.4	2,254.6	2,204.3	2,204.0	2,076.6
Catanduanes	1.7	2.2	1.6	1.3	1.9	2.5	3.4	4.1	4.6	5.2
Masbate	6.8	12.0	19.5	21.6	23.3	28.8	41.3	43.2	51.2	95.7
Sorsogon	18.0	30.4	20.8	21.0	21.6	20.3	21.8	28.9	32.0	27.3
Western Visayas	774.8	708.2	837.4	752.9	381.2	424.4	499.5	420.6	440.3	311.2
Aklan	2.0	3.2	39.2	61.3	73.8	87.7	85.6	82.4	87.9	39.1
Antique	39.2	51.8	53.8	54.9	46.0	49.8	45.1	49.6	48.0	51.0
Capiz	11.2	12.6	18.0	36.9	30.8	38.4	42.0	44.7	33.2	25.6
Guimaras	5.0	6.3	8.1	12.6	9.0	9.0	10.0	6.8	7.9	7.0
Iloilo	702.2	621.3	674.1	528.5	154.2	193.2	237.9	160.6	181.9	125.9
Negros Occidental	15.2	13.0	44.1	58.8	67.5	46.4	79.0	76.6	81.5	62.6
Central Visayas	64.0	95.6	94.6	91.1	58.6	67.0	80.8	58.7	82.8	69.7
Bohol	11.1	16.5	35.4	41.6	29.9	36.2	33.2	34.3	32.6	18.6
Cebu	47.4	72.4	51.9	43.9	25.9	28.1	42.4	18.2	41.0	41.4
Negros Oriental	5.5	6.7	7.3	5.7	2.8	2.7	5.2	6.3	9.1	9.7
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	525.5	726.2	725.8	424.3	417.1	384.0	234.2	230.7	231.0	217.8
Biliran	37.3	..	0.1	0.1	0.1	0.0	0.0	..	..	..
Eastern Samar	96.7	250.3	280.4	201.9	177.9	150.8	5.8	5.4	3.3	0.5
Leyte	264.0	258.9	228.9	55.1	9.2	9.7	1.3	0.8	0.6	0.3
Northern Samar	127.5	214.0	213.9	165.0	225.8	208.8	210.7	208.3	211.6	211.7
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	3.0	2.6	2.2	4.2	14.7	16.5	16.2	15.6	5.3
Zamboanga Peninsula	225.9	239.1	236.0	276.0	292.3	208.8	177.7	212.2	182.4	191.6
Zamboanga del Norte	8.5	11.0	10.0	10.2	16.8	17.4	18.9	18.3	16.5	13.2
Zamboanga del Sur	216.0	226.0	224.0	261.1	269.7	191.4	158.9	192.9	165.5	178.4
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	1.5	2.1	2.0	4.8	5.7	..	..	1.0	0.4	..
Northern Mindanao	986.0	1,086.7	1,216.8	1,610.0	2,375.0	1,791.9	1,858.1	2,047.3	1,781.2	1,689.2
Bukidnon	817.5	898.5	953.9	1,276.0	1,967.1	1,422.5	1,474.0	1,698.5	1,405.7	1,287.0
Camiguin	..	..	0.3	0.3	0.2	0.0	..	..	..	0.1
Lanao del Norte	162.4	180.7	236.9	291.6	322.1	311.0	322.5	293.8	307.1	295.7
Misamis Occidental	0.5	0.6	0.8	1.8	6.0	10.7	19.4	29.4	27.7	30.5
Misamis Oriental	5.6	6.9	25.1	40.3	79.6	47.7	42.3	25.6	40.7	75.9
Davao Region	75.3	82.4	70.0	70.5	79.8	88.2	135.9	174.4	195.3	131.6
Davao del Norte	11.2	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.1
Davao del Sur	6.6	19.9	10.3	10.1	9.4	9.0	9.7	14.6	22.7	21.5
Davao City	2.7	10.4	12.5	12.4	12.7	10.2	10.2	10.4	10.8	12.0
Davao Oriental	9.8	8.0	9.5	8.5	10.2	7.4	9.2	5.9	6.2	7.3
Compostela Valley	45.0	43.9	37.6	39.2	47.4	61.5	106.7	143.4	155.5	90.7
SOCCSKSARGEN	8,142.1	8,872.4	10,085.2	10,744.6	10,748.1	11,828.2	12,221.1	11,653.6	12,153.8	9,800.2
North Cotabato	2,784.8	3,188.2	3,899.0	4,455.4	4,280.2	4,913.6	5,111.9	4,914.9	5,271.9	5,192.0
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	119.3	145.9	185.0	188.8	178.1	172.3	185.5	214.9	224.6	242.4
Sultan Kudarat	5,238.0	5,538.3	6,001.2	6,100.4	6,289.9	6,742.3	6,923.7	6,523.9	6,657.3	4,365.8
Caraga	1,002.1	1,105.8	1,047.0	1,038.5	1,042.0	1,132.3	1,149.3	1,017.5	1,013.7	875.4
Agusan del Norte	388.1	414.9	463.3	470.1	437.0	430.9	386.4	216.2	237.8	240.4
Agusan del Sur	272.0	327.9	343.5	330.6	314.9	301.7	315.3	377.9	367.0	270.0
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	308.0	323.3	194.9	174.0	216.8	307.9	339.7	286.7	309.4	286.3
Surigao del Sur	34.0	39.8	45.3	63.8	73.3	91.8	107.9	136.7	99.5	78.7
ARMM	5,672.2	5,392.9	5,942.8	5,700.6	5,714.5	5,477.7	5,964.9	7,340.5	7,731.7	9,699.0
Basilan	1.2	1.4	1.7	1.8	1.8	1.8	1.8	1.7	1.8	1.8
Lanao del Sur	3,526.5	3,406.3	3,560.0	3,591.3	3,655.3	3,623.9	3,623.5	3,695.4	3,743.0	4,358.3
Maguindanao	2,144.4	1,985.3	2,381.1	2,107.5	2,057.5	1,852.0	2,339.7	3,643.4	3,986.9	5,338.8
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Big Head Carp										
Philippines	**1,340.3**	**4,767.3**	**6,495.4**	**8,838.7**	**9,994.1**	**10,926.1**	**12,118.7**	**13,086.1**	**16,629.3**	**16,261.5**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	1.5	2.3	1.6	0.1	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	1.5	2.3	0.6	0.1	..	..	..	..
Ifugao	..	..	..	..	1.0	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	72.3	98.8	95.4	39.1	38.6	6.1	5.8
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	72.3	98.8	95.4	39.1	38.6	6.1	5.3
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	0.5
Central Luzon	..	..	..	..	..	19.1	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	17.9	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	1.3	..	..	..	..
CALABARZON	1,340.3	4,767.3	6,493.9	8,764.1	9,886.9	10,792.4	12,052.4	13,028.0	16,607.4	16,242.2
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	435.0	1,793.5	1,558.8	1,380.3	1,376.2	1,438.3	2,118.9	1,128.0
Quezon	..	..	..	..	..	0.1	..	..	..	..
Rizal	1,340.3	4,767.3	6,058.9	6,970.6	8,328.1	9,412.1	10,676.2	11,589.7	14,488.5	15,114.2
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	..	..	..	..	6.8	17.8	25.1	18.1	13.4	10.7
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	6.8	17.8	25.1	18.1	13.4	10.7
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	1.3	2.1	1.4	2.4	2.9
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	1.3	2.1	1.4	2.4	2.9
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Other Fishes										
Philippines	**3,191.2**	**4,833.6**	**3,780.1**	**3,929.2**	**4,251.6**	**4,330.6**	**5,184.2**	**5,871.0**	**6,014.7**	**8,720.6**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	2.3	2.3	1.2	0.4	0.2	..	..	..	..	8.3
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	2.3	2.3	1.0	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	7.8
Mountain Province	..	..	0.2	0.4	0.2	..	..	..	..	0.5
Ilocos Region	234.4	287.5	404.2	296.2	190.6	171.8	182.4	192.8	228.3	215.5
Ilocos Norte	8.3	6.7	6.9	12.7	21.7	33.7	26.3	18.5	18.7	14.4
Ilocos Sur	54.6	69.4	126.2	130.8	103.4	113.1	111.1	96.9	89.3	90.3
La Union	33.5	11.5	19.1	19.8	15.2	7.6	20.0	7.7	18.2	8.2
Pangasinan	138.0	199.9	252.1	132.9	50.3	17.4	25.0	69.7	102.1	102.6
Cagayan Valley	113.1	343.2	526.6	510.1	621.4	892.5	809.3	406.7	287.1	331.8
Cagayan	106.9	332.5	515.8	494.8	594.0	848.8	746.9	318.7	236.5	290.0
Isabela	2.0	5.5	5.4	10.9	23.2	39.5	58.1	82.5	45.4	38.3
Nueva Vizcaya	4.1	4.0	4.1	4.3	4.2	4.2	4.2	4.1	4.2	3.4
Quirino	0.2	1.2	1.4	..	..	..	..	1.5	0.9	0.2
Central Luzon	433.4	445.6	551.2	659.1	583.7	617.4	668.7	690.9	544.1	896.0
Aurora	17.1	17.0	13.4	9.9	10.3	11.5	10.7	11.3	11.8	12.0
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	10.0	2.6	1.0	2.7	0.3	9.3	0.1	..	2.2	235.3
Nueva Ecija	12.0	58.0	56.6	48.8	19.2	7.4	16.6	7.1	8.2	..
Pampanga	389.0	358.0	464.3	594.1	554.0	589.1	640.6	669.6	521.8	648.8
Tarlac	3.8	9.0	15.9	3.1	..	0.1	..	..	..	..
Zambales	1.5	1.0	..	0.5	..	..	0.7	2.9	..	..
CALABARZON	869.7	1,988.3	452.1	477.2	737.8	647.5	1,525.6	2,438.8	3,070.6	5,338.7
Batangas	47.0	61.0	84.2	315.9	550.0	498.7	512.4	1,307.4	1,516.6	1,556.9
Cavite	1.1	2.0	3.6	1.3	2.0	1.7	2.7	4.6	0.1	2.9
Laguna	808.5	723.7	364.2	159.9	185.8	146.0	132.3	185.7	189.9	725.7
Quezon	0.2	1.7	0.0	0.1	0.1	1.2	0.6	0.8	0.2	0.4
Rizal	13.0	1,200.0	..	..	..	..	877.6	940.3	1,363.8	3,052.8
MIMAROPA	53.2	41.1	31.9	34.1	36.3	41.2	35.6	50.0	47.9	51.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	1.0	2.2	3.3	8.7	11.2	11.9	12.5	13.2	14.3
Oriental Mindoro	52.0	38.2	26.2	28.4	25.6	27.0	21.6	34.1	32.3	35.5
Palawan	0.0	0.0	0.0	..	..	..	..	..	..	..
Romblon	1.2	1.9	3.5	2.3	2.0	3.0	2.2	3.4	2.4	1.7
Bicol Region	0.3	0.5	0.5	..	4.2	..	..	..	..	..
Albay	..	..	..	..	4.2	..	..	..	..	..
Camarines Norte	0.3	0.5	0.5	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	0.1	..	..	..	..	..	..	..	..	..
Western Visayas	418.8	468.5	600.8	651.4	781.4	510.9	642.9	626.8	710.5	820.1
Aklan	1.0	3.6	34.7	45.3	48.1	52.6	96.2	122.0	116.1	111.6
Antique	16.0	17.7	25.8	37.8	42.4	47.3	58.2	65.3	63.3	69.0
Capiz	5.8	6.5	10.4	8.1	3.9	6.7	5.1	5.5	7.8	5.0
Guimaras	2.8	3.5	4.7	5.8	4.3	5.1	5.4	3.8	4.4	3.5
Iloilo	87.0	124.4	110.6	114.1	224.0	131.1	163.5	104.9	144.4	139.8
Negros Occidental	306.3	312.8	414.6	440.4	458.6	268.1	314.6	325.4	374.5	491.2
Central Visayas	6.0	5.0	9.1	11.1	14.7	15.3	14.2	10.1	8.9	3.5
Bohol	2.8	1.7	0.1	0.4	0.7	0.5	0.7	1.1	0.8	0.7
Cebu	0.2	..	..	..	..	..	..	..	..	..
Negros Oriental	3.0	3.2	8.9	10.7	14.0	14.8	13.5	8.9	8.1	2.8
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	81.4	179.2	172.1	44.2	49.2	34.0	23.5	25.0	18.5	32.6
Biliran	10.9	..	..	0.0	..	..	..	..	..	..
Eastern Samar	43.4	150.2	152.1	32.2	36.6	26.3	18.2	19.2	13.4	27.7
Leyte	2.5	2.0	2.0	..	..	..	..	..	..	..
Northern Samar	9.1	11.0	6.9	5.5	9.9	5.7	5.3	5.8	5.1	4.7
Southern Leyte	15.5	16.0	11.0	5.0	..	..	..	..	..	..
Samar	..	..	..	1.5	2.8	2.1	..	..	..	0.1
Zamboanga Peninsula	2.1	1.6	1.1	4.2	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	2.1	1.6	1.1	4.2	..	..	..	..	..	..
Northern Mindanao	134.7	191.1	246.5	295.0	275.6	320.4	278.7	253.3	132.3	98.5
Bukidnon	6.3	3.9	19.0	43.8	6.2	19.3	7.3	3.6	22.9	4.7
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	126.2	180.0	212.4	234.0	252.0	290.4	254.8	237.2	97.4	78.1
Misamis Occidental	1.9	2.3	4.1	4.2	4.1	6.7	9.8	10.0	9.0	7.1
Misamis Oriental	0.4	5.0	11.0	12.9	13.3	4.0	6.8	2.6	3.0	8.6
Davao Region	12.9	11.1	20.2	8.5	16.3	15.1	32.1	32.5	17.3	18.5
Davao del Norte	0.5	0.2	..	..	..	..	..	..	..	..
Davao del Sur	0.2	..	..	0.0	..	..	..	..	..	..
Davao City	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
Davao Oriental	12.0	10.8	20.1	8.3	16.3	15.0	32.0	32.4	17.3	18.4
Compostela Valley	0.0	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	625.8	660.2	509.3	652.0	646.7	573.3	492.2	477.4	335.1	275.3
North Cotabato	8.0	22.0	24.6	26.9	23.4	25.2	12.3	14.5	13.3	12.1
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	1.8	3.5	2.9	3.1	4.8	5.6	4.5	6.1	4.8	5.6
Sultan Kudarat	616.0	634.7	481.7	622.0	618.5	542.5	475.5	456.8	317.0	257.7
Caraga	137.9	136.3	177.9	224.1	263.7	234.8	286.4	350.0	302.0	346.1
Agusan del Norte	53.0	42.0	65.8	104.4	116.8	144.8	169.8	162.5	134.8	189.0
Agusan del Sur	44.9	44.1	67.7	69.2	79.3	47.6	53.2	96.8	88.9	83.1
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	40.0	50.3	44.5	50.6	67.6	42.4	63.4	90.7	78.3	74.1
ARMM	65.2	72.2	75.5	62.0	30.1	256.6	192.6	316.7	312.2	284.4
Basilan	1.2	1.3	1.1	1.2	1.2	1.2	1.0	1.0	1.0	1.1
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	64.0	71.0	74.3	60.8	28.9	255.4	191.6	315.7	311.2	283.3
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Blue Crab (Alimasag)										
Philippines	**225.9**	**257.9**	**286.1**	**259.5**	**278.9**	**224.4**	**287.3**	**209.9**	**317.3**	**310.2**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	7.1	32.9	25.2	15.7	11.2	16.1	10.9	10.7	17.0	13.1
Ilocos Norte	..	..	..	..	0.8	0.7	0.6	0.3	1.3	0.9
Ilocos Sur	6.1	6.3	4.9	4.3	4.9	5.4	5.4	5.8	5.8	5.3
La Union	..	0.0	..	..	..	..	..	..	..	..
Pangasinan	1.0	26.6	20.3	11.4	5.4	10.1	4.9	4.6	10.0	6.9
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	3.5	2.2	1.7	3.6	..	..	..	..	..	..
Aurora	1.0	1.2	1.2	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	0.5	..	..	3.6	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	2.0	1.0	0.5	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	13.5	26.9	79.8	..	..	..
Batangas	..	..	..	..	13.5	26.9	79.8	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	74.4	74.3	92.7	143.3	165.4	120.0	154.7	167.2	281.8	274.0
Aklan	1.2	0.6	8.1	16.8	19.1	21.6	27.8	21.9	17.0	32.8
Antique	2.2	1.9	1.0	0.5	1.6	1.8	1.5	1.6	1.6	1.4
Capiz	4.7	4.8	4.6	8.0	5.8	9.7	10.2	8.9	6.0	4.1
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	23.0	41.2	40.7	53.2	37.8	47.6	44.5	41.4	26.2	27.6
Negros Occidental	43.3	25.9	38.4	64.8	101.1	39.3	70.7	93.5	231.1	208.1
Central Visayas	0.3	0.1	0.1	0.9	2.1	3.3	1.8	1.2	1.2	0.1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.3	0.1	0.1	0.9	2.1	3.3	1.8	1.2	1.2	0.1
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	137.2	134.9	133.5	65.6	56.6	29.9	2.0	2.0	1.1	0.3
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	123.3	117.6	117.5	57.8	55.4	29.9	2.0	2.0	1.1	0.3
Leyte	3.1	6.0	6.1	2.5	..	..	..	..	..	..
Northern Samar	7.8	10.3	6.7	2.6	..	..	..	..	..	..
Southern Leyte	2.0	..	3.2	2.7	1.3	..	..	..	..	..
Samar	1.0	1.0	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.2	11.0	30.6	30.2	29.7	27.7	37.3	25.7	13.1	12.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	10.2	29.6	29.4	29.7	27.7	37.3	25.7	13.1	12.8
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	0.2	0.8	1.0	0.8	..	..	..	..	..	..
Davao Region	0.1	0.1	0.1	0.3	0.4	0.4	0.6	0.8	0.8	0.3
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.1	0.1	0.1	0.3	0.4	0.4	0.6	0.8	0.8	0.3
SOCCSKSARGEN	3.2	2.4	2.2	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	3.2	2.4	2.2	..	..	..	..	..	..	..
Caraga	..	..	..	0.0	..	0.3	0.2	2.4	2.2	9.7
Agusan del Norte	..	..	..	0.0	..	0.3	0.2	0.1	2.2	9.7
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	2.2	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Endeavor prawn (Suahe)										
Philippines	**897.4**	**1,114.2**	**1,095.3**	**1,104.7**	**1,015.3**	**991.9**	**863.7**	**709.3**	**781.8**	**759.1**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	441.9	474.3	326.4	161.7	117.0	87.8	71.0	88.7	194.2	128.7
Ilocos Norte	0.0	..	0.7	0.1	1.7	..	..	1.4	1.7	1.5
Ilocos Sur	46.9	39.2	45.8	45.7	45.7	49.7	49.8	55.0	54.1	62.1
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	395.0	435.1	280.0	115.9	69.6	38.1	21.2	32.2	138.4	65.2
Cagayan Valley	14.4	145.0	157.9	209.6	163.5	174.8	172.9	148.3	114.3	124.5
Cagayan	14.4	145.0	157.9	209.6	163.5	174.8	172.9	148.3	114.3	124.5
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	12.3	11.5	8.0	1.9	1.9	2.8	2.3	3.7	4.4	3.5
Aurora	10.3	10.7	3.9	0.6	0.5	0.3	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	2.0	0.8	3.3	0.7	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	0.8	0.7	1.4	2.5	2.3	3.7	4.4	3.5
CALABARZON	..	0.8	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	0.8	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.4	1.9	5.1	4.9	5.5	6.4	6.8	6.8	7.6	7.9
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	1.5	4.7	4.6	4.9	5.9	6.2	6.3	7.0	7.5
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	417.4	464.5	568.1	693.2	672.8	668.9	555.3	399.6	402.3	435.4
Aklan	6.6	6.1	54.2	82.7	75.6	75.5	101.4	98.8	97.2	96.5
Antique	15.9	17.2	18.2	14.7	13.5	15.1	12.7	12.0	13.0	16.1
Capiz	2.7	2.7	5.3	8.3	7.3	10.2	10.3	8.4	6.1	3.8
Guimaras	2.3	1.6	2.6	2.6	1.6	1.5	1.7	1.1	1.5	1.2
Iloilo	373.0	419.3	441.0	574.6	565.1	546.9	411.1	257.2	267.5	301.8
Negros Occidental	17.0	17.5	46.9	10.3	9.7	19.8	18.0	22.1	17.1	16.0
Central Visayas	0.5	0.1	1.0	1.9	2.5	3.0	4.6	4.6	3.7	2.2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.5	0.1	1.0	1.9	2.5	3.0	4.6	4.6	3.7	2.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	6.0	9.9	10.7	11.9	39.3	32.7	33.9	34.3	33.5	33.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	1.3	1.4	1.7	1.8	1.7	1.6	0.7
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	6.0	9.9	10.7	10.6	38.0	30.9	32.1	32.6	31.9	32.8
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	0.6	0.7	4.7	6.4	1.3	3.9	7.2	7.5	7.1	10.7
Zamboanga del Norte	0.6	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	0.7	4.7	6.4	1.3	3.9	7.2	7.5	7.1	10.7
Northern Mindanao	0.2	0.2	0.2	0.2	0.2	0.7	1.1	11.3	11.8	8.1
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	6.9	8.5	3.2
Misamis Occidental	0.2	0.2	0.2	0.2	0.2	0.7	1.1	4.5	3.3	4.9
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	1.2	0.9	0.0	0.1	0.3	0.4	0.6	1.0	0.9	0.6
Davao del Norte	1.1	0.9	..	..	..	..	..	..	..	0.1
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.0	0.0	0.0	0.1	0.3	0.4	0.6	1.0	0.9	0.4
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	2.7	4.5	13.2	12.9	11.1	10.5	8.1	3.5	2.0	4.1
Agusan del Norte	2.7	4.5	11.7	12.9	11.1	10.5	8.1	3.5	2.0	4.0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	1.5	..	..	..	..	..	..	0.2
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Freshwater Crab (Talangka)										
Philippines	**623.2**	**665.7**	**736.7**	**712.1**	**664.9**	**1,024.8**	**850.1**	**763.6**	**850.4**	**922.5**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	0.4	0.3	1.2	1.3	1.8	5.3	5.5	4.7
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	0.4	0.3	1.2	1.3	1.8	5.3	5.5	4.7
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	182.6	162.4	160.9	99.2	130.9	168.1	126.6	119.1	190.8	99.9
Ilocos Norte	36.1	37.2	33.1	37.9	26.7	33.4	28.8	18.3	16.1	12.7
Ilocos Sur	46.5	59.6	50.1	39.8	52.3	58.4	55.6	58.7	59.0	50.4
La Union	91.0	58.7	75.7	18.5	28.6	25.1	22.6	18.9	23.2	12.5
Pangasinan	9.0	7.0	2.0	3.0	23.3	51.2	19.6	23.2	92.5	24.3
Cagayan Valley	64.5	109.9	143.0	166.9	126.0	134.5	178.2	162.5	160.5	119.4
Cagayan	36.1	82.8	111.8	128.4	86.3	92.5	126.5	115.5	111.8	89.9
Isabela	3.8	4.0	3.9	4.5	4.9	4.2	3.6	3.1	3.1	3.5
Nueva Vizcaya	22.7	21.0	24.7	29.9	30.3	33.4	38.0	38.6	40.3	25.7
Quirino	2.0	2.1	2.5	4.1	4.5	4.5	10.1	5.3	5.3	0.4
Central Luzon	92.8	85.9	66.8	45.0	32.4	6.6	10.9	13.1	52.6	56.8
Aurora	8.0	7.8	7.9	6.4	6.1	5.0	4.2	4.3	4.2	4.2
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	0.2	..	..	..	..	..	..
Nueva Ecija	76.0	71.0	54.1	36.6	19.4	0.4	..	0.3	..	..
Pampanga	..	..	..	..	..	..	..	..	39.2	41.4
Tarlac	0.1	..	0.1	..	..	..	..	..	..	..
Zambales	8.7	7.1	4.8	1.7	7.0	1.1	6.7	8.4	9.1	11.2
CALABARZON	..	2.0	..	..	24.2	237.2	65.5	28.7	15.0	348.1
Batangas	..	2.0	..	..	24.2	237.2	65.5	28.7	15.0	348.1
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1.1	1.9	3.7	3.8	4.4	3.9	5.4	8.2	8.5	7.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	0.8	2.2	2.3	2.4	2.1	2.1	2.3	2.6	2.8
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0.2	0.1	0.1	0.1	0.3	0.6	0.7	0.6	0.4	0.3
Romblon	0.9	1.0	1.4	1.4	1.6	1.2	2.6	5.2	5.5	4.6
Bicol Region	103.1	110.8	151.6	155.6	148.0	117.1	105.0	98.7	80.8	55.6
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	103.0	110.1	151.0	155.3	147.6	116.6	104.3	97.9	79.8	54.9
Catanduanes	0.1	0.7	0.6	0.3	0.4	0.5	0.7	0.8	0.9	0.7
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	122.5	125.2	137.8	191.4	145.5	282.5	210.3	205.0	190.8	140.5
Aklan	1.5	0.1	8.2	12.7	14.4	20.7	2.9	24.6	12.6	17.1
Antique	31.7	55.1	54.3	53.1	50.3	58.4	69.3	86.4	89.3	67.4
Capiz	..	..	..	..	..	..	..	..	1.9	..
Guimaras	2.8	2.8	3.9	3.1	1.4	1.6	1.7	1.2	1.5	1.3
Iloilo	84.7	64.1	67.4	114.8	56.9	163.9	110.1	67.5	60.2	35.1
Negros Occidental	1.8	3.1	4.1	7.7	22.6	37.8	26.3	25.3	25.2	19.6
Central Visayas	0.0	..	..	0.7	0.6	1.2	1.3	1.6	2.9	2.1
Bohol	..	..	..	0.7	0.6	1.2	1.3	1.6	2.9	2.1
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.0	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	31.9	33.4	27.8	11.3	21.7	20.0	17.7	17.1	15.2	13.0
Biliran	..	..	..	0.1	0.0	0.0	..	..	..	..
Eastern Samar	..	..	..	0.5	0.9	1.3	1.0	1.4	1.0	..
Leyte	19.9	18.4	14.0	0.5	0.1	0.1	..	..	..	..
Northern Samar	12.0	15.0	12.6	10.2	20.6	18.2	16.7	15.8	14.3	13.0
Southern Leyte	..	..	1.2	0.1	..	0.4	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	4.6	3.2	3.2	3.0	5.1	5.2	6.3	6.9	5.9	5.3
Zamboanga del Norte	4.6	3.2	3.2	3.0	5.1	5.2	6.3	6.9	5.9	5.3
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	2.4	8.9	11.0	13.3	8.6	22.3	60.5	33.4	70.7	50.7
Bukidnon	..	0.1	0.1	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	5.0	6.2	7.7	..	8.2	13.2	14.1	12.8	12.2
Misamis Occidental	1.4	1.4	1.5	1.5	2.7	3.9	9.3	8.3	7.9	8.5
Misamis Oriental	1.0	2.3	3.1	4.2	5.9	10.2	37.9	11.0	50.0	30.0
Davao Region	0.5	2.6	0.4	0.2	0.4	0.7	0.5	0.6	1.0	0.3
Davao del Norte	0.2	0.6	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	0.1	1.9	0.2	..	..	0.3	..	..	0.4	..
Compostela Valley	0.1	0.1	0.2	0.2	0.4	0.4	0.5	0.6	0.6	0.3
SOCCSKSARGEN	4.6	4.8	4.7	4.2	3.9	3.6	3.4	3.1	3.1	2.8
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	4.6	4.8	4.7	4.2	3.9	3.6	3.4	3.1	3.1	2.8
Caraga	12.6	14.7	25.6	17.3	12.2	20.8	56.8	60.2	47.3	15.8
Agusan del Norte	0.6	0.4	9.8	2.5	3.2	5.7	7.2	6.6	4.6	4.4
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	12.0	14.3	15.7	14.7	9.0	15.0	49.6	53.6	42.7	11.5
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Freshwater Shrimp (Hipon)										
Philippines	**4,658.5**	**5,033.1**	**5,039.8**	**5,010.5**	**4,932.6**	**5,071.7**	**5,263.8**	**5,397.8**	**5,410.9**	**5,193.2**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	62.1	61.2	59.4	56.8	54.0	54.0	60.0	61.7	65.9	71.9
Abra	33.0	33.0	32.9	32.2	32.7	32.4	37.4	36.0	38.6	44.1
Apayao	2.5	2.5	3.7	2.1	2.5	2.6	2.7	4.9	5.0	5.1
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	8.4	7.6	6.8	5.6	1.1	1.0	1.1	1.1	1.1	0.7
Kalinga	18.2	18.0	16.1	16.9	17.7	18.0	18.8	19.8	21.2	21.9
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	99.2	44.5	78.1	53.9	63.2	55.5	86.0	57.3	52.9	44.8
Ilocos Norte	8.6	5.6	13.9	30.5	36.9	33.6	63.5	30.7	24.5	19.3
Ilocos Sur	9.6	7.1	25.5	13.7	17.4	16.1	17.2	18.2	16.7	16.2
La Union	60.0	15.8	22.7	0.8	2.2	1.4	1.5	2.0	2.7	1.6
Pangasinan	21.0	16.0	16.0	8.9	6.8	4.4	3.7	6.4	8.9	7.7
Cagayan Valley	131.4	292.2	366.6	416.2	432.5	466.1	469.1	570.1	506.6	378.4
Cagayan	61.5	200.5	250.4	288.0	293.7	312.3	299.6	390.7	347.7	228.3
Isabela	17.4	37.6	50.7	49.8	61.4	70.9	84.2	89.6	69.5	69.2
Nueva Vizcaya	39.1	40.0	50.1	55.4	52.3	57.0	64.9	68.0	66.3	66.6
Quirino	13.5	14.2	15.3	22.9	25.1	25.9	20.4	21.8	23.1	14.3
Central Luzon	592.5	733.4	618.6	640.0	551.1	576.1	643.8	635.6	654.9	632.6
Aurora	13.4	12.5	11.5	9.8	9.3	10.4	10.8	11.7	12.8	12.9
Bataan	5.8	5.4	5.4	5.8	6.2	6.1	6.3	7.2	7.1	6.1
Bulacan	31.0	11.7	18.5	4.8	1.1	10.1	3.6	3.8	9.4	9.5
Nueva Ecija	158.7	104.0	111.7	110.4	74.7	39.3	29.4	27.0	47.4	21.9
Pampanga	373.0	590.0	454.7	469.7	448.9	481.1	560.9	566.2	541.8	562.9
Tarlac	5.6	5.7	13.2	37.4	6.8	16.0	12.8	3.7	24.5	10.5
Zambales	5.0	4.1	3.7	2.3	4.1	13.1	20.1	15.9	11.8	8.8
CALABARZON	699.4	795.4	739.5	595.1	611.6	597.7	602.6	628.0	617.2	580.9
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	1.1	0.6	1.0	0.3	0.6	0.6	0.5	..	..	..
Laguna	455.7	490.9	507.5	523.3	540.5	524.3	524.3	547.1	554.7	512.0
Quezon	..	..	0.0	..	..	..	0.0	0.0	0.0	0.1
Rizal	242.5	303.9	231.0	71.5	70.6	72.9	77.8	80.8	62.5	68.8
MIMAROPA	95.2	81.6	90.5	97.8	99.3	98.6	100.2	101.0	96.5	98.6
Marinduque	..	0.9	1.7	2.0	2.2	2.2	2.7	3.3	3.5	3.8
Occidental Mindoro	4.3	4.1	3.3	3.2	2.4	2.6	1.5	1.6	1.6	1.8
Oriental Mindoro	89.0	75.2	83.4	90.3	92.8	91.7	93.8	93.5	88.6	90.5
Palawan	0.4	0.2	0.2	0.3	0.3	0.5	0.5	0.5	0.5	0.1
Romblon	1.5	1.4	1.9	2.0	1.6	1.6	1.7	2.1	2.3	2.5
Bicol Region	124.6	148.9	195.1	171.6	152.5	138.4	129.1	109.2	83.1	63.4
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	6.0	7.5	9.1	12.3	14.2	17.1	23.2	27.2	27.9	28.9
Camarines Sur	116.0	138.1	183.9	157.6	136.2	118.9	103.3	79.0	51.8	30.4
Catanduanes	0.8	1.4	1.0	0.4	1.0	1.2	1.7	1.8	2.1	2.3
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	1.8	2.0	1.0	1.3	1.1	1.2	1.0	1.1	1.3	1.8
Western Visayas	74.5	77.1	79.3	135.8	88.6	168.5	264.2	267.4	257.2	319.0
Aklan	2.6	1.6	7.0	8.1	11.5	7.6	0.9	..	10.9	142.4
Antique	0.8	0.4	0.9	2.6	2.9	3.2	3.0	2.6	2.8	2.8
Capiz	..	..	..	..	..	..	4.3	18.9	13.7	10.4
Guimaras	3.3	3.3	3.4	2.7	1.4	1.5	1.6	1.6	1.5	1.1
Iloilo	..	..	..	1.6	..	..	..	..	..	..
Negros Occidental	67.9	71.9	68.0	120.8	72.9	156.3	254.5	244.4	228.2	162.3
Central Visayas	17.1	4.4	4.1	4.8	4.5	6.4	2.0	2.0	1.8	1.6
Bohol	..	..	..	..	..	..	..	..	..	0.3
Cebu	15.5	3.3	1.6	1.6	1.3	2.4	2.0	2.0	1.8	1.3
Negros Oriental	1.6	1.1	2.5	3.2	3.1	4.0	..	0.0	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	69.6	73.1	59.5	31.3	49.0	51.0	37.3	37.1	38.0	34.9
Biliran	1.8	0.4	..	..	..	..	..	..	..	..
Eastern Samar	47.8	49.1	37.9	21.3	18.6	8.0	0.4	0.4	..	0.7
Leyte	8.1	9.9	9.6	1.7	0.5	1.2	1.3	1.1	0.8	0.8
Northern Samar	3.5	4.4	7.3	6.4	28.2	32.6	32.4	32.6	32.4	32.1
Southern Leyte	6.4	7.3	4.8	2.0	1.6	..	..	..	..	..
Samar	2.0	2.0	..	..	..	9.3	3.1	3.1	4.9	1.3
Zamboanga Peninsula	40.1	47.7	48.2	35.0	27.6	49.3	63.4	48.1	49.6	58.0
Zamboanga del Norte	3.1	7.7	7.2	7.4	7.5	9.3	10.1	9.6	9.3	9.1
Zamboanga del Sur	37.0	40.0	41.0	22.2	17.0	20.4	27.1	24.9	27.4	29.8
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	5.4	3.1	19.6	26.3	13.7	12.9	19.2
Northern Mindanao	130.7	224.1	113.4	70.3	105.3	118.5	84.5	77.0	44.1	36.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	0.1	..	..	..	..	..	..	..	..	..
Lanao del Norte	129.3	220.0	107.8	64.0	99.7	115.6	76.3	70.0	38.7	30.6
Misamis Occidental	0.5	0.6	1.3	1.4	1.4	0.7	3.5	3.4	3.7	4.4
Misamis Oriental	0.8	3.5	4.3	4.9	4.2	2.1	4.7	3.6	1.7	1.5
Davao Region	0.7	0.5	0.4	0.6	1.0	0.9	1.0	1.4	1.3	0.5
Davao del Norte	0.3	0.1	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.4	0.4	0.4	0.6	1.0	0.9	1.0	1.4	1.3	0.5
SOCCSKSARGEN	161.7	175.3	220.4	252.4	203.5	202.6	212.7	192.5	203.5	175.9
North Cotabato	91.3	109.0	156.7	188.5	137.2	131.5	139.0	109.3	117.6	101.7
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	4.2	4.1	3.7	3.2	2.3	1.2	0.9	0.9	1.1	1.2
Sultan Kudarat	66.2	62.2	60.0	60.7	64.0	69.9	72.8	82.4	84.8	73.0
Caraga	114.1	121.0	124.9	166.3	153.1	166.1	202.2	172.8	231.9	221.9
Agusan del Norte	73.1	77.9	87.6	143.4	137.3	144.0	183.2	151.0	199.8	187.6
Agusan del Sur	16.0	12.3	13.1	7.6	5.2	9.6	6.4	4.9	5.0	10.9
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	0.1	..	..	..
Surigao del Sur	25.0	30.8	24.2	15.4	10.6	12.5	12.4	17.0	27.1	23.5
ARMM	2,245.7	2,152.7	2,242.0	2,282.5	2,336.1	2,322.1	2,305.8	2,436.6	2,506.4	2,474.3
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	2,175.8	2,085.8	2,174.3	2,199.0	2,251.4	2,233.5	2,228.0	2,372.8	2,436.1	2,378.4
Maguindanao	70.0	67.0	67.6	83.5	84.7	88.6	77.8	63.8	70.2	95.8
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Lobster (Ulang)										
Philippines	**877.1**	**1,456.4**	**1,439.7**	**1,544.3**	**1,400.3**	**1,616.1**	**1,475.2**	**1,664.0**	**1,672.9**	**1,480.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	61.4	52.5	64.1	24.9	23.3	18.5	19.5	16.8	17.7	12.9
Ilocos Norte	36.8	22.6	23.2	4.6	2.5	2.4	3.9	2.3	2.0	2.7
Ilocos Sur	7.1	8.8	0.6	5.3	8.1	4.9	5.1	8.1	11.3	10.1
La Union	17.5	21.1	40.4	15.0	12.7	11.2	10.5	6.3	4.5	0.1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	38.8	46.7	18.9	23.4	20.5	18.8	15.3	6.1	4.4	5.5
Cagayan	34.0	39.2	14.0	19.0	17.5	17.8	13.8	4.4	2.7	3.2
Isabela	4.8	7.6	4.9	4.5	3.0	1.0	1.5	1.7	1.7	2.2
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	416.6	726.6	794.1	912.9	880.6	1,004.5	946.1	975.4	997.5	989.6
Aurora	9.0	6.3	4.3	2.6	2.2	2.3	2.1	2.2	2.3	2.2
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	21.0	6.5	14.7	5.0	31.8	15.3	2.3	2.4	0.5	1.0
Nueva Ecija	10.0	5.0	21.0	18.0	16.2	4.4	..	2.3	1.0	..
Pampanga	368.0	704.0	749.0	887.2	829.5	982.2	937.6	963.8	988.4	983.5
Tarlac	1.5	0.2	..	..	..	..	..	..	..	..
Zambales	7.1	4.6	5.0	0.1	1.0	0.4	4.1	4.6	5.4	2.9
CALABARZON	..	0.0	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	0.0	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.3	..	..	..	..	..	0.1	0.1	0.1	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	0.1	0.1	0.1	..
Romblon	0.3	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	81.6	219.9	263.1	258.5	230.8	141.7	124.2	122.0	127.8	144.5
Aklan	2.2	2.6	9.2	25.2	24.5	23.8	15.5	36.4	35.2	52.5
Antique	30.9	43.6	55.6	61.0	62.4	53.0	60.0	61.3	64.0	58.7
Capiz	3.2	3.6	5.8	6.3	5.7	7.0	5.2	..	..	..
Guimaras	2.3	2.5	3.2	2.9	1.5	1.7	2.0	1.4	1.7	1.4
Iloilo	38.5	161.8	182.8	157.8	132.3	48.9	32.3	11.0	19.4	26.8
Negros Occidental	4.6	5.8	6.5	5.3	4.4	7.4	9.3	11.9	7.5	5.1
Central Visayas	0.2	0.6	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1
Bohol	..	..	..	..	..	..	..	0.0	..	..
Cebu	0.2	0.6	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1
Negros Oriental	..	..	..	..	..	..	..	..	0.1	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	105.6	125.5	103.7	58.8	37.6	29.4	4.2	4.8	4.9	1.9
Biliran	2.9	0.2	..	..	..	..	..	..	..	..
Eastern Samar	70.7	85.5	66.3	37.3	37.0	27.8	3.2	3.4	3.4	0.7
Leyte	6.4	5.5	6.5	2.3	..	..	..	..	..	..
Northern Samar	11.6	19.8	20.7	12.0	..	..	..	..	..	..
Southern Leyte	8.1	7.0	5.3	3.3	..	1.6	1.0	1.4	1.5	1.2
Samar	6.0	7.6	5.0	4.0	0.6	..	..	..	..	..
Zamboanga Peninsula	26.7	31.6	32.7	57.4	29.9	29.6	35.2	29.9	30.8	27.3
Zamboanga del Norte	0.1	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	26.0	31.0	32.0	44.1	29.9	29.6	35.2	29.9	30.8	27.3
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	0.6	0.6	0.7	13.3	..	..	..	..	..	..
Northern Mindanao	3.5	8.6	43.1	125.6	100.4	296.5	276.2	467.4	451.3	255.7
Bukidnon	2.9	8.0	37.8	39.6	51.7	275.0	261.6	450.7	428.9	241.3
Camiguin	0.1	0.1	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	4.6	84.8	46.7	14.3	7.3	9.5	10.6	..
Misamis Occidental	0.3	0.3	0.2	0.2	1.1	5.6	5.9	5.4	5.4	6.6
Misamis Oriental	0.2	0.3	0.5	1.0	0.9	1.6	1.4	1.8	6.4	7.8
Davao Region	4.3	2.1	1.9	2.0	1.6	1.8	1.6	3.7	2.0	3.2
Davao del Norte	0.6	0.2	..	..	..	..	0.1	0.0	0.0	0.0
Davao del Sur	..	..	..	0.0	0.1	0.1	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	2.4	1.3	1.2	1.2	0.6	0.5	0.4	2.4	0.7	2.7
Compostela Valley	1.3	0.6	0.7	0.8	1.0	1.1	1.0	1.2	1.2	0.5
SOCCSKSARGEN	1.0	1.6	2.1	4.0	3.8	3.3	3.8	4.0	3.4	3.1
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	1.0	1.6	1.4	1.7	1.4	0.9	0.9	0.8	..	..
Sultan Kudarat	..	..	0.8	2.3	2.4	2.4	2.9	3.2	3.4	3.1
Caraga	137.2	240.7	115.8	76.7	71.8	71.9	48.6	33.7	32.9	36.7
Agusan del Norte	71.2	98.9	74.1	52.2	47.8	41.5	30.7	17.4	8.2	7.2
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	60.0	133.9	35.6	17.0	14.8	17.2	16.7	16.2	24.7	26.2
Surigao del Sur	6.0	7.9	6.1	7.5	9.2	13.2	1.2	..	..	3.2
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mud Crab (Alimango)										
Philippines	**478.5**	**719.2**	**766.7**	**788.0**	**820.9**	**896.0**	**986.6**	**888.4**	**1,045.9**	**896.8**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	0.6	0.6	0.6	1.0	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	0.6	0.6	0.6	1.0	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	49.7	47.5	61.3	44.0	35.7	40.6	44.1	53.0	55.4	41.8
Ilocos Norte	4.6	0.6	0.5	0.8	0.3	0.2	0.2	8.7	11.4	10.1
Ilocos Sur	12.1	10.3	11.3	16.0	17.3	18.8	19.2	22.2	25.7	20.1
La Union	9.0	6.8	10.8	10.8	13.8	9.5	12.4	10.5	10.4	6.6
Pangasinan	24.0	29.8	38.7	16.4	4.3	12.2	12.3	11.6	7.9	4.9
Cagayan Valley	34.7	97.5	112.1	129.3	121.5	139.2	150.7	145.7	147.3	126.9
Cagayan	30.4	94.1	110.5	127.8	120.7	137.1	149.7	140.1	140.0	120.1
Isabela	4.3	3.4	1.5	1.6	0.8	2.0	1.0	5.6	7.3	6.8
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	15.8	17.0	14.9	6.0	7.0	9.9	4.6	4.4	4.4	4.3
Aurora	13.5	14.0	13.2	5.1	5.2	4.1	4.4	4.2	4.4	4.3
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	2.3	3.0	1.8	0.8	1.7	5.6	0.2	0.2	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	0.2	0.1	0.3	..	..	..	..
CALABARZON	..	0.2	0.1	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	0.2	0.1	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	3.0	8.0	26.1	29.6	31.7	33.1	35.2	36.0	36.9	39.0
Marinduque	..	0.3	1.5	1.8	1.9	2.7	3.7	3.4	2.9	3.2
Occidental Mindoro	..	5.0	21.7	25.1	27.2	28.5	29.2	30.3	31.8	33.8
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	2.6	2.3	2.2	2.2	2.2	1.8	2.1	2.0	2.1	1.9
Romblon	0.4	0.4	0.7	0.5	0.4	0.1	0.1	0.2	0.1	0.1
Bicol Region	11.2	25.2	30.6	40.2	43.8	55.8	64.4	94.4	101.4	111.7
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	11.2	25.2	30.6	40.2	43.8	55.8	64.4	94.4	101.4	111.5
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	0.1
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	79.8	151.4	157.1	248.0	271.5	305.8	369.5	276.8	436.0	336.3
Aklan	4.6	2.2	10.0	15.8	14.3	14.8	15.2	18.5	32.1	25.3
Antique	9.5	17.4	15.5	22.9	26.1	34.1	38.5	37.8	38.7	44.9
Capiz	2.5	2.5	3.3	5.6	4.6	7.5	8.1	6.4	4.3	2.8
Guimaras	1.7	2.2	3.0	3.0	1.3	1.3	1.4	1.0	1.7	1.5
Iloilo	46.0	112.2	111.2	193.4	215.0	232.6	291.2	197.3	342.9	241.3
Negros Occidental	15.5	14.8	14.2	7.3	10.2	15.5	15.1	15.8	16.3	20.5
Central Visayas	8.9	9.5	8.6	13.2	14.7	14.9	17.6	16.7	23.0	17.5
Bohol	6.6	7.5	6.8	10.7	11.6	12.4	14.2	12.8	18.5	14.4
Cebu	0.1	0.4	1.0	1.5	1.4	1.3	2.1	2.4	3.2	2.5
Negros Oriental	2.2	1.6	0.8	1.0	1.6	1.3	1.3	1.5	1.3	0.6
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	224.1	231.9	182.9	89.8	96.3	68.5	45.2	41.5	33.0	33.7
Biliran	7.3	1.6	..	..	0.0	0.0	0.0	0.0	0.0	..
Eastern Samar	106.8	119.4	117.1	52.8	50.6	38.7	17.2	16.0	11.7	11.2
Leyte	13.5	13.3	15.2	8.1	9.0	9.5	7.6	5.0	0.0	..
Northern Samar	16.3	21.0	17.8	12.3	30.8	19.6	19.2	20.0	20.7	21.8
Southern Leyte	10.3	9.0	5.0	3.5	1.3	0.7	1.3	0.5	0.6	0.6
Samar	70.0	67.7	27.8	13.1	4.6	..	..	..	..	..
Zamboanga Peninsula	3.6	3.6	5.0	5.1	11.2	17.9	16.8	15.9	14.6	17.3
Zamboanga del Norte	2.6	2.4	3.4	3.9	5.2	6.4	7.8	6.6	6.3	6.0
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	1.0	1.2	1.7	1.2	6.0	11.6	9.0	9.3	8.3	11.3
Northern Mindanao	1.2	9.1	32.3	38.4	43.8	63.3	70.9	52.3	37.5	53.3
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	0.0	0.1	0.1	0.2	0.1	0.0	0.1
Lanao del Norte	..	5.8	29.4	36.4	39.6	55.7	62.0	40.5	28.3	44.1
Misamis Occidental	0.8	0.6	0.6	0.6	2.8	5.1	6.9	10.8	9.2	9.1
Misamis Oriental	0.5	2.8	2.2	1.3	1.4	2.4	2.0	1.0	..	..
Davao Region	6.6	5.1	1.8	3.4	5.1	3.3	2.6	3.5	5.2	3.0
Davao del Norte	2.7	2.2	1.7	3.2	4.4	2.5	1.8	2.5	4.1	2.7
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	3.7	2.8	..	..	..	..	..	..	..	..
Compostela Valley	0.1	0.2	0.2	0.3	0.6	0.7	0.9	1.0	1.0	0.3
SOCCSKSARGEN	24.5	22.0	19.8	19.8	17.7	15.6	16.0	15.2	14.2	14.4
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	24.5	22.0	19.8	19.8	17.7	15.6	16.0	15.2	14.2	14.4
Caraga	14.5	90.4	113.4	119.8	119.6	126.8	147.2	132.4	136.3	97.0
Agusan del Norte	5.5	32.1	44.0	39.0	48.7	70.3	48.7	44.5	31.8	38.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	44.8	53.2	55.5	48.8	29.9	13.8	14.4	12.9	6.4
Surigao del Sur	9.0	13.6	16.2	25.3	22.2	26.6	84.8	73.6	91.7	52.4
ARMM	1.0	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
Basilan	1.0	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tiger Prawn										
Philippines	**68.0**	**102.8**	**137.0**	**247.6**	**128.7**	**140.9**	**121.7**	**122.9**	**129.7**	**106.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	13.6	36.6	53.7	25.2	25.1	27.1	23.5	26.6	29.4	23.1
Ilocos Norte	..	..	..	..	..	..	..	1.5	3.2	1.4
Ilocos Sur	8.8	12.2	22.7	21.6	19.9	23.8	21.9	23.5	24.3	19.9
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	4.8	24.4	31.0	3.6	5.2	3.3	1.7	1.6	2.0	1.7
Cagayan Valley	4.2	3.2	13.3	16.6	19.4	16.3	25.0	22.6	23.7	26.3
Cagayan	2.2	3.2	13.3	16.6	19.4	16.3	25.0	22.6	23.7	26.3
Isabela	2.0	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1.5	4.5	1.3	3.3	2.2	11.6	2.0	2.7	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	1.5	4.5	1.3	3.3	2.2	11.6	2.0	2.7	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	0.1	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	0.1	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	0.6	2.3	3.0	3.4	3.4	4.5	5.2	5.6	6.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	0.6	2.3	3.0	3.4	3.4	4.5	5.2	5.6	6.2
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	0.1
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	40.1	44.6	60.3	197.8	72.8	78.4	62.0	58.5	66.7	46.5
Aklan	1.1	0.5	3.2	6.0	7.5	9.8	9.7	15.4	33.5	15.3
Antique	1.6	1.7	4.9	6.8	5.8	7.0	6.9	7.7	8.6	9.9
Capiz	0.3	0.2	0.3	0.6	0.4	0.6	1.2	1.4	0.4	0.2
Guimaras	1.7	2.0	2.1	1.6	1.4	1.5	1.8	1.2	1.8	1.4
Iloilo	34.6	39.4	48.3	179.4	50.6	50.9	30.0	19.8	13.4	10.0
Negros Occidental	0.8	0.9	1.5	3.5	7.1	8.7	12.4	12.9	9.0	9.7
Central Visayas	..	..	..	0.1	1.1	1.1	1.6	1.4	0.9	1.0
Bohol	..	..	..	..	..	..	..	..	..	0.3
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	0.1	1.1	1.1	1.6	1.4	0.9	0.7
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	8.6	10.5	6.1	1.2	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	4.0	3.0	..	..	..	..	..	..	..	..
Leyte	..	..	..	0.2	..	..	..	..	..	..
Northern Samar	4.6	7.5	6.1	1.0	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	0.1	0.1	0.1	0.3	0.4	0.6	0.7	0.7	0.8	0.3
Davao del Norte	0.0	0.0	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.1	0.1	0.1	0.3	0.4	0.6	0.7	0.7	0.8	0.3
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	2.6	..	0.2	4.3	2.4	2.3	5.1	2.6	3.1
Agusan del Norte	..	2.6	..	0.1	4.3	2.4	2.3	2.6	1.7	2.8
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	0.1	..	..	..	2.6	0.9	0.4
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
White Shrimp (Hitong Puti)										
Philippines	**578.1**	**601.0**	**953.7**	**925.3**	**703.4**	**664.9**	**631.6**	**462.7**	**416.4**	**503.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	19.1	18.2	99.3	81.4	27.2	22.2	23.1	15.0	15.7	10.5
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	0.6	1.4	0.2	8.3	6.2	7.0	6.0	7.3	6.2	4.1
La Union	4.5	6.0	10.7	10.9	15.6	10.0	13.6	4.3	4.5	2.5
Pangasinan	14.0	10.8	88.4	62.2	5.5	5.3	3.5	3.4	5.0	3.9
Cagayan Valley	85.7	89.4	159.9	185.0	175.1	188.2	209.0	155.9	135.9	152.4
Cagayan	85.7	89.4	159.9	185.0	175.1	188.2	209.0	155.9	135.9	152.4
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	34.2	38.3	191.3	195.9	89.6	9.8	5.5	3.0	..	2.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	31.0	35.6	37.2	40.9	19.5	9.8	5.5	3.0	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	2.9
Pampanga	..	..	152.5	154.8	70.1	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	3.2	2.7	1.6	0.2	..	..	..	..	..	..
CALABARZON	2.0	1.1	..	..	..	..	..	..	..	..
Batangas	2.0	1.1	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.3	0.3	0.3	0.2	0.8	1.3	1.7	19.4	20.7	10.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	0.4	0.7	0.6	0.7	0.8	0.9
Oriental Mindoro	..	..	..	..	..	..	..	17.5	18.7	8.1
Palawan	0.3	0.3	0.3	0.2	0.4	0.6	1.1	1.2	1.2	1.0
Romblon	..	..	..	..	..	..	..	..	..	0.1
Bicol Region	..	..	0.0	24.7	15.1	7.9	6.8	2.9	0.5	0.5
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	24.6	15.0	7.7	6.5	2.5	..	..
Catanduanes	..	..	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	184.0	193.2	263.4	210.2	130.0	176.6	136.0	57.6	58.5	107.6
Aklan	1.1	0.4	..	..	..	..	..	..	..	..
Antique	11.5	7.7	7.2	10.3	9.9	10.1	8.8	6.8	7.2	3.7
Capiz	2.3	2.9	4.3	7.8	5.5	10.2	10.6	8.6	5.9	3.5
Guimaras	1.6	1.9	2.5	2.5	1.4	1.3	1.6	1.3	1.3	1.3
Iloilo	135.0	141.5	189.8	174.1	104.0	140.3	100.0	21.4	26.7	25.6
Negros Occidental	32.5	38.9	59.6	15.5	9.3	14.8	15.0	19.5	17.5	73.5
Central Visayas	19.0	12.9	18.2	10.5	6.1	5.0	4.5	4.4	3.8	4.9
Bohol	16.0	11.3	12.6	6.1	3.7	2.7	2.2	2.1	1.6	3.0
Cebu	2.0	1.0	2.4	2.3	1.8	1.8	1.9	2.2	2.3	2.0
Negros Oriental	1.0	0.6	3.3	2.0	0.5	0.4	0.4	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	60.0	69.0	61.9	36.0	18.9	15.3	13.5	8.4	8.1	8.9
Biliran	0.1	..	..	..	..	..	..	..	..	..
Eastern Samar	44.4	45.5	33.5	18.4	7.2	7.0	5.9	..	..	0.3
Leyte	1.0	2.0	1.9	0.9	..	..	..	..	..	..
Northern Samar	14.6	21.5	26.5	16.4	11.1	8.3	7.6	8.4	8.1	8.6
Southern Leyte	..	..	..	0.3	0.7	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	4.6	5.4	5.8	6.1	8.1	7.1	8.1	7.7	6.1	7.4
Zamboanga del Norte	4.6	5.4	5.8	5.6	6.7	7.1	8.1	7.7	6.1	7.4
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	0.5	1.4	..	..	..	..	..
Northern Mindanao	7.2	8.7	8.1	30.7	60.6	49.1	58.4	31.2	18.5	24.9
Bukidnon	7.0	6.0	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	25.6	47.7	36.7	42.6	22.8	14.5	18.7
Misamis Occidental	0.2	0.4	0.4	0.5	1.8	3.6	3.2	4.2	2.7	4.9
Misamis Oriental	..	2.3	7.7	4.6	11.1	8.7	12.6	4.2	1.3	1.3
Davao Region	0.3	0.3	0.4	0.5	0.5	0.7	1.0	1.1	0.9	0.5
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.3	0.3	0.4	0.5	0.5	0.7	1.0	1.1	0.9	0.5
SOCCSKSARGEN	33.6	12.1	13.2	13.8	13.5	14.1	14.3	15.1	15.2	15.5
North Cotabato	22.0	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	11.6	12.1	13.2	13.8	13.5	14.1	14.3	15.1	15.2	15.5
Caraga	78.1	104.9	85.3	61.9	84.2	96.0	88.5	76.9	66.3	48.0
Agusan del Norte	62.1	84.8	54.9	24.5	30.3	27.4	25.3	20.8	15.9	29.9
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	16.0	20.1	30.4	37.4	54.0	68.6	63.2	56.1	50.4	18.1
ARMM	50.2	47.3	46.7	68.6	73.6	71.7	61.4	64.3	66.1	109.6
Basilan	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.8
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	49.5	46.6	46.0	67.9	72.9	70.9	60.6	63.6	65.4	108.9
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Other Crustaceans										
Philippines	**178.5**	**226.3**	**491.3**	**259.7**	**195.2**	**243.2**	**179.2**	**197.4**	**168.6**	**246.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	14.0	33.6	39.9	40.2	17.6	7.5	6.3	9.1	9.8	6.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	2.0	..	..	..	..	..	..	2.5	2.4	1.8
La Union	..	3.2	9.5	9.0	6.9	3.6	2.9	2.7	2.9	1.8
Pangasinan	12.0	30.4	30.4	31.2	10.7	3.9	3.4	3.8	4.5	2.5
Cagayan Valley	23.3	12.2	35.4	21.9	16.9	18.8	8.5	2.1	20.0	..
Cagayan	23.3	12.2	35.4	21.9	16.9	18.8	8.5	2.1	20.0	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	164.0	0.1	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	0.1	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	164.0	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	4.7	7.6	7.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	4.7	7.6	7.6
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	19.2	41.7	95.1	61.0	60.9	112.9	79.1	95.9	76.5	177.3
Aklan	1.3	4.1	18.7	29.2	22.5	20.1	15.0	12.7	11.2	22.3
Antique	1.1	1.9	2.7	1.6	1.3	4.5	5.3	7.4	7.6	8.2
Capiz	4.3	4.5	4.5	6.2	7.2	8.0	8.2	8.9	4.1	5.9
Guimaras	2.5	2.3	2.6	2.4	1.5	1.7	2.0	1.7	1.7	1.4
Iloilo	10.0	29.0	31.0	18.2	7.8	..	25.1	3.1	1.5	47.3
Negros Occidental	..	..	35.6	3.4	20.7	78.6	23.5	62.1	50.4	92.3
Central Visayas	8.8	8.0	19.1	14.0	12.4	11.5	9.5	5.7	5.3	4.7
Bohol	6.3	7.1	16.3	12.2	9.8	9.0	8.1	4.6	4.2	3.2
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	2.5	0.9	2.8	1.8	2.5	2.5	1.5	1.1	1.1	1.5
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	90.2	105.7	96.7	35.1	..	0.5	..	..	..	2.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	81.7	96.0	92.0	34.3	..	..	..	..	..	2.5
Leyte	1.0	1.9	2.0	0.8	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	7.5	7.8	2.8	..	..	0.5	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	1.4	1.4	1.0	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	1.4	1.4	1.0	..	..	..	..	..	..	..
Northern Mindanao	0.1	3.5	19.8	63.1	49.7	44.0	32.9	44.7	18.7	14.3
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	0.2	0.5	0.5	0.6	0.6	0.5	0.5	0.3	0.3
Lanao del Norte	..	3.3	19.3	62.6	49.1	43.5	32.4	44.3	18.5	2.9
Misamis Occidental	0.1	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	11.2
Davao Region	2.5	0.5	0.9	0.6	2.4	5.7	1.1	..	0.5	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	2.5	0.5	0.9	0.6	2.4	5.7	1.1	..	0.5	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	6.2	10.4	12.2	15.2	14.9	12.0	9.6	9.2	8.5	8.4
North Cotabato	..	2.3	3.7	6.4	6.3	3.7	1.3	0.9	0.9	0.7
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	6.2	8.1	8.5	8.8	8.6	8.3	8.3	8.4	7.6	7.7
Caraga	12.9	9.3	7.2	8.6	20.4	30.2	32.3	26.0	21.7	25.9
Agusan del Norte	5.9	9.3	7.2	8.6	12.6	30.1	31.8	24.7	17.1	22.6
Agusan del Sur	7.0	..	..	..	..	0.1	0.5	1.3	4.6	3.3
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	7.8	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Clams (Kabibi)										
Philippines	**452.2**	**539.8**	**692.7**	**800.9**	**1,273.4**	**1,623.5**	**2,435.4**	**1,828.3**	**1,698.4**	**1,155.5**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	20.8	17.1	14.7	14.3	2.6	4.0	13.7	6.7	9.4	5.7
Ilocos Norte	10.6	5.6	5.0	10.1	0.4	1.1	11.4	4.7	7.8	4.5
Ilocos Sur	0.2	0.3	0.1	0.3	0.4	0.4	0.4	0.4	0.3	0.2
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	10.0	11.1	9.5	4.0	1.8	2.5	1.8	1.7	1.3	1.0
Cagayan Valley	62.9	71.7	70.9	68.6	70.3	50.8	28.0	11.8	12.5	12.8
Cagayan	55.7	60.3	58.2	59.6	64.7	48.8	22.0	11.8	12.5	12.8
Isabela	7.2	11.4	12.8	9.1	5.6	2.0	6.0	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	18.2	1.2	..	0.7	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	13.8	..	..	..	..	..	..	..
Tarlac	..	..	3.0	1.2	..	0.7	..	..	..	..
Zambales	..	..	1.4	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	7.5	..	..	..	..	..
Batangas	..	..	..	..	7.5	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	68.0	77.1	105.9	107.7	105.2	107.4	116.4	101.0	91.8	71.3
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	68.0	77.1	105.9	107.7	105.2	107.4	116.4	101.0	91.8	71.0
Catanduanes	..	..	..	..	..	..	..	..	..	0.3
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	83.9	134.9	254.1	352.7	830.5	1,226.5	2,076.0	1,549.0	1,441.0	763.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	2.4	2.1	3.9	1.1	0.7	0.4	0.4	0.4	0.5	0.5
Capiz	..	..	..	..	..	..	8.0	3.4	2.1	0.7
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	81.5	132.8	249.5	351.1	829.7	1,221.1	2,062.5	1,540.5	1,436.8	760.4
Negros Occidental	..	..	0.7	0.5	0.1	5.1	5.2	4.7	1.6	1.6
Central Visayas	3.4	6.2	7.2	4.7	4.5	4.1	4.2	4.0	3.0	9.2
Bohol	..	..	1.8	4.1	3.9	4.1	4.2	4.0	3.0	9.2
Cebu	0.3	..	..	..	..	..	..	..	..	..
Negros Oriental	3.1	6.2	5.4	0.6	0.6	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	181.6	194.1	154.3	109.8	111.9	84.7	50.4	51.0	49.3	50.8
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	132.2	126.8	89.7	54.0	55.9	33.1	3.1	3.1	1.0	1.2
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	19.9	39.0	47.0	45.5	50.5	42.9	44.6	45.2	45.5	47.0
Southern Leyte	8.5	10.4	7.4	2.7	1.4	4.0	2.7	2.7	2.9	2.7
Samar	21.0	18.0	10.3	7.6	4.1	4.7	..	..	..	..
Zamboanga Peninsula	1.9	1.2	0.3	..	..	..	..	..	..	..
Zamboanga del Norte	1.9	1.2	0.3	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	0.2	8.6	28.4	26.2	20.9	20.3
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	0.2	8.6	28.4	26.2	20.9	20.3
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	4.2	5.3	5.5	5.6	5.4	4.4	3.7	3.7	3.9	4.3
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	1.1	1.2	1.7	1.4	0.7	..	..	..	..
Sultan Kudarat	4.2	4.3	4.2	3.9	4.0	3.7	3.7	3.7	3.9	4.3
Caraga	25.6	32.3	61.7	136.2	135.4	132.3	114.8	74.9	66.6	218.0
Agusan del Norte	8.6	14.2	40.8	100.8	105.6	107.9	91.0	45.1	27.7	36.9
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	1.2	1.9	12.2	13.5	9.4	6.5	9.7	11.9	18.2
Surigao del Sur	17.0	16.9	18.9	23.3	16.3	15.1	17.3	20.1	27.1	162.9
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Freshwater Clams (Tulya)										
Philippines	**2,375.9**	**4,623.5**	**2,984.0**	**3,064.1**	**3,210.3**	**3,342.3**	**3,231.5**	**3,266.4**	**3,236.4**	**3,567.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	19.4	16.1	23.9	25.6	29.7	29.6	28.2	37.8	39.9	40.8
Abra	13.0	8.0	10.0	9.2	13.1	12.0	8.9	11.9	11.9	11.1
Apayao	..	..	..	..	..	..	0.6	5.7	6.0	5.4
Benguet	..	0.9	4.3	5.1	4.7	4.8	5.5	6.1	6.5	6.8
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	6.4	7.2	9.6	11.4	11.9	12.8	13.1	14.1	15.5	17.5
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	39.0	37.8	45.5	73.7	62.3	46.7	63.0	50.4	31.3	44.8
Ilocos Norte	8.2	8.4	10.7	38.6	31.9	26.3	21.7	20.4	14.5	11.4
Ilocos Sur	0.3	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
La Union	17.5	17.1	26.8	31.7	24.4	18.3	39.9	28.9	15.2	32.4
Pangasinan	13.0	11.6	8.0	3.3	6.0	2.1	1.3	1.1	1.5	1.0
Cagayan Valley	413.3	588.7	577.1	651.5	742.3	780.6	657.5	703.6	727.7	839.9
Cagayan	312.0	467.6	431.8	485.6	566.8	589.1	502.8	514.3	569.1	704.0
Isabela	56.0	79.1	91.7	93.4	101.9	117.9	81.4	120.1	82.6	84.7
Nueva Vizcaya	30.2	29.5	40.0	53.7	55.1	54.4	54.6	49.3	55.3	36.0
Quirino	15.1	12.5	13.6	18.7	18.5	19.2	18.7	19.9	20.7	15.3
Central Luzon	94.5	1,848.3	657.0	583.3	487.8	443.8	424.8	329.4	301.5	290.9
Aurora	14.0	14.8	14.0	10.9	12.0	7.8	8.0	8.8	9.7	10.1
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	2.8	..	..	..	..	..	..
Nueva Ecija	67.3	64.0	66.2	62.4	76.7	47.1	53.5	51.8	40.6	12.5
Pampanga	..	1,754.0	560.3	498.9	397.4	386.3	360.4	264.7	243.9	262.3
Tarlac	4.0	5.5	6.5	7.1	0.0	0.8	..	..	..	..
Zambales	9.2	10.0	10.0	1.2	1.6	1.9	2.9	4.1	7.2	6.0
CALABARZON	1,701.3	1,982.0	1,497.3	1,577.7	1,744.4	1,878.3	1,885.2	1,940.9	1,905.8	2,048.9
Batangas	6.0	3.0	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	689.6	957.4	1,114.5	1,337.6	1,500.4	1,628.2	1,633.7	1,690.2	1,680.6	1,823.1
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	1,005.7	1,021.6	382.8	240.1	244.0	250.1	251.5	250.8	225.1	225.8
MIMAROPA	..	..	..	..	..	..	15.4	33.7	38.4	48.2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	15.4	33.7	38.4	48.2
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	0.2	0.4	0.2	0.1	0.4	0.6	0.7	0.7	0.9	0.6
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	0.2	0.4	0.2	0.1	0.4	0.6	0.7	0.7	0.9	0.6
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	0.1	9.3	2.3	0.6	5.8	8.0	8.1	6.1	3.7
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	0.1	0.1	0.4	0.5	0.4	0.4	0.5	0.6	0.5
Capiz	..	..	..	..	..	..	2.5	3.0	2.4	1.1
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	1.4	..	..	..	..	..	..
Negros Occidental	..	..	9.3	0.5	0.1	5.4	5.1	4.6	3.2	2.2
Central Visayas	0.5	2.2	2.9	2.5	2.3	1.2	0.8	0.5	0.2	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	0.5	0.4	1.7	0.9	0.3	..	..	..	..	..
Negros Oriental	..	1.8	1.2	1.7	2.0	1.2	0.8	0.5	0.2	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	20.9	18.1	13.4	2.2	1.3	7.0	5.8	2.7	1.0	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	14.6	13.7	12.2	2.2	1.3	1.1	0.8	0.2	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	6.3	4.4	1.2	..	..	..	..	..	..	..
Samar	..	..	..	..	..	5.9	4.9	2.5	1.0	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	1.5	1.0	1.1	2.0	2.8	5.3	2.4	1.8	0.4	3.3
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	1.5	1.0	1.1	2.0	2.8	5.3	2.4	1.8	0.4	3.3
Davao Region	0.3	0.1	0.2	0.6	0.6	0.6	0.7	0.5	0.4	0.3
Davao del Norte	0.2	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.1	0.1	0.2	0.6	0.6	0.6	0.7	0.5	0.4	0.3
SOCCSKSARGEN	16.2	34.7	42.4	52.9	53.0	70.6	76.8	86.1	82.0	81.7
North Cotabato	11.5	13.1	15.7	21.5	21.1	28.8	31.3	32.9	29.7	27.6
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	2.4	19.2	24.3	29.1	29.8	39.7	43.4	51.1	50.6	52.4
Sultan Kudarat	2.3	2.4	2.4	2.3	2.1	2.1	2.1	2.0	1.7	1.7
Caraga	68.0	93.4	112.8	88.8	82.2	71.2	61.2	69.2	99.8	163.8
Agusan del Norte	57.0	78.3	94.6	58.6	48.2	48.6	45.0	45.2	71.7	79.8
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	1.5	1.9	8.5	12.5	12.2	8.5	12.5	12.6	15.8
Surigao del Sur	11.0	13.6	16.3	21.8	21.5	10.4	7.8	11.5	15.4	68.2
ARMM	0.8	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.2	1.3
Basilan	0.8	0.7	0.8	0.9	0.9	1.0	1.1	1.2	1.2	1.3
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Oyster (Talaba)										
Philippines	**1,391.7**	**1,212.5**	**1,161.7**	**1,486.5**	**1,282.6**	**1,796.3**	**1,397.2**	**1,764.4**	**1,440.8**	**908.5**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	10.0	18.0	19.2	8.9	29.0	15.2	11.3	11.0	11.0	13.0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	0.5	0.8	0.7	1.0	1.6	1.4	1.5	1.4	1.3	0.9
La Union	..	3.0	3.5	5.0	1.8	1.2	1.6	1.4	1.9	4.9
Pangasinan	9.5	14.2	15.0	2.9	25.6	12.6	8.1	8.3	7.8	7.2
Cagayan Valley	..	..	7.0	8.5	5.8	6.5	6.4	5.8	5.2	6.0
Cagayan	..	..	7.0	8.5	5.8	6.5	6.4	5.8	5.2	6.0
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	1.0	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	1.0	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	0.1	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	0.1	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1,366.8	1,180.5	1,122.2	1,387.4	1,175.8	1,692.8	1,297.1	1,671.9	1,350.0	818.5
Aklan	4.8	4.0	7.1	15.7	20.8	22.3	84.5	74.8	97.9	35.7
Antique	25.0	19.3	22.8	22.7	28.6	29.4	37.9	39.9	38.1	32.6
Capiz	4.0	4.0	3.6	7.4	4.9	8.9	9.3	10.4	9.4	5.6
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	1,299.0	1,113.2	1,060.9	1,325.0	1,105.3	1,595.3	1,131.2	1,512.2	1,176.3	724.7
Negros Occidental	34.0	40.0	27.9	16.6	16.3	37.0	34.2	34.7	28.4	19.9
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	5.2	5.6	5.8	0.3	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	5.2	5.6	5.8	0.3	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.9	0.2	0.2	0.1	0.7	11.0	18.2	16.7	20.0	16.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	0.5	9.4	16.3	12.5	15.9	14.5
Misamis Occidental	0.9	0.2	0.2	0.1	0.2	1.6	1.9	4.1	4.2	2.0
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	1.8	1.8	1.6	1.5	1.4	1.3	1.3	1.2	1.0	1.0
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	1.8	1.8	1.6	1.5	1.4	1.3	1.3	1.2	1.0	1.0
Caraga	6.9	5.4	5.7	79.8	69.8	69.6	63.0	57.8	53.6	53.4
Agusan del Norte	4.9	..	..	74.5	61.9	58.6	50.8	45.2	40.4	53.4
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	2.0	5.4	5.7	5.2	7.9	11.0	12.3	12.5	13.2	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Shell (Kuhol)										
Philippines	**319.1**	**341.9**	**449.1**	**485.8**	**370.8**	**339.5**	**361.9**	**390.2**	**379.3**	**346.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	1.2	1.3	..	0.4	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	0.4	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1.2	1.3	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	7.4	9.8	17.0	15.0	19.8	11.8	23.9	16.0	14.3	12.0
Ilocos Norte	1.4	0.1	1.2	1.7	2.8	3.0	3.6	3.0	5.9	2.0
Ilocos Sur	0.3	0.8	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.2
La Union	5.8	9.0	15.4	12.8	16.4	8.2	19.7	12.5	7.9	9.7
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	115.0	128.6	168.7	187.0	141.5	148.4	156.2	171.0	166.3	145.0
Cagayan	63.7	69.3	89.9	104.5	62.0	60.4	69.2	90.5	79.6	69.3
Isabela	24.0	32.6	44.0	44.0	42.4	44.7	43.2	40.8	41.1	42.2
Nueva Vizcaya	24.6	24.6	32.2	36.1	34.2	39.6	40.4	38.5	43.8	32.7
Quirino	2.8	2.1	2.5	2.4	3.0	3.7	3.3	1.3	1.7	0.9
Central Luzon	6.1	4.5	5.0	4.3	2.9	4.4	2.1	2.6	1.1	0.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	1.8	1.7	1.5	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	1.0	1.0	..	..	..	1.3	..	..	..	..
Zambales	5.1	3.5	5.0	2.5	1.1	1.6	2.1	2.6	1.1	0.7
CALABARZON	6.0	4.5	..	..	..	..	..	..	..	..
Batangas	6.0	4.5	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.0	0.0	0.3	0.2	0.3	0.3	0.2	0.2	0.2	8.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	8.5
Palawan	0.0	0.0	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.1
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	30.0	37.0	50.9	56.2	49.1	48.9	50.5	42.7	38.8	29.7
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	30.0	37.0	50.9	56.2	49.1	48.9	50.5	42.7	38.8	29.7
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	9.9	10.2	11.3	18.1	12.7	15.4	13.0	13.0	12.1	9.7
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	6.4	6.0	7.3	14.4	11.6	12.2	10.6	10.2	10.3	7.8
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	2.3	2.9	3.1	2.6	0.5	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	1.3	1.3	1.0	1.1	0.6	3.2	2.4	2.8	1.8	1.9
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	4.6	2.6	1.3	1.1	1.6	1.1	1.0	1.3	1.0	0.7
Zamboanga del Norte	4.6	2.6	1.3	1.1	1.6	1.1	1.0	1.3	1.0	0.7
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	30.8	37.8	60.9	24.7	7.5	16.2	16.4	17.9	17.3	22.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	30.8	37.8	60.9	24.7	7.5	16.2	15.5	17.0	17.3	22.5
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	0.8	0.9	..	..
Davao Region	..	..	..	..	0.3	1.4	7.7	15.7	8.3	5.9
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	1.1	7.2	15.2	8.3	5.9
Compostela Valley	..	..	..	..	0.3	0.3	0.5	0.5	0.1	..
SOCCSKSARGEN	40.9	42.3	44.8	55.8	48.2	55.2	63.7	68.8	59.5	49.1
North Cotabato	32.5	34.3	37.3	48.9	42.8	51.1	59.6	64.7	55.4	44.9
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	5.0	4.4	3.9	3.0	1.3	..	..	..	..	..
Sultan Kudarat	3.4	3.6	3.7	3.9	4.1	4.1	4.2	4.1	4.1	4.2
Caraga	67.3	63.4	88.9	122.9	87.0	36.3	27.2	41.0	60.6	62.8
Agusan del Norte	47.8	36.4	58.4	81.3	51.1	7.1	4.9	3.7	2.2	1.8
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	19.5	27.0	30.4	41.6	35.9	29.2	22.3	37.3	58.4	61.0
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Snail (Suso)										
Philippines	**57,998.8**	**54,175.0**	**56,208.0**	**53,385.0**	**53,361.6**	**54,559.0**	**55,210.4**	**55,200.2**	**51,765.4**	**50,834.6**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	9.3	10.6	12.9	15.8	16.8	17.5	18.4	26.9	29.2	26.9
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	2.8	2.9	2.9	2.7	2.8	2.9	3.1	10.9	11.5	10.2
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	6.5	7.7	10.1	13.1	14.0	14.6	15.2	16.0	17.7	16.8
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	15.6	18.9	29.3	59.3	68.3	48.1	53.3	37.1	31.2	61.2
Ilocos Norte	1.2	0.3	10.0	37.6	43.8	36.2	34.3	23.5	22.4	13.0
Ilocos Sur	0.4	1.5	0.4	0.5	0.7	0.7	0.7	0.7	0.5	0.3
La Union	9.0	11.6	14.2	13.0	17.5	7.8	16.4	11.3	6.5	46.2
Pangasinan	5.0	5.6	4.6	8.3	6.3	3.5	1.9	1.7	1.8	1.6
Cagayan Valley	147.3	175.2	200.8	194.8	139.7	139.7	138.8	153.5	135.3	129.7
Cagayan	75.4	100.8	109.2	93.0	51.2	56.4	62.6	76.8	61.0	74.5
Isabela	24.0	29.8	38.1	37.3	26.4	22.0	18.1	19.7	16.3	20.4
Nueva Vizcaya	43.4	40.6	51.7	57.9	53.8	53.2	52.7	49.9	52.3	30.2
Quirino	4.5	3.9	1.7	6.6	8.3	8.1	5.5	7.1	5.7	4.6
Central Luzon	69.0	95.4	185.0	184.6	131.8	88.9	98.2	75.1	139.8	302.6
Aurora	15.9	16.5	14.5	12.1	12.4	7.1	7.1	7.5	8.3	9.0
Bataan	..	1.0	1.5	3.1	3.6	3.7	3.1	3.0	2.5	2.6
Bulacan	..	..	..	1.8	2.9	1.5	..	..	..	..
Nueva Ecija	45.0	70.0	159.9	162.1	110.3	53.4	77.2	56.8	39.8	5.4
Pampanga	..	..	..	..	..	..	..	..	79.3	278.2
Tarlac	3.0	4.8	6.5	3.4	1.7	21.6	5.0	1.9	3.1	2.4
Zambales	5.2	3.2	2.7	2.2	1.0	1.6	5.9	5.8	6.8	5.0
CALABARZON	57,138.6	53,165.7	55,039.4	52,245.7	52,510.8	53,712.0	54,138.4	54,393.7	50,821.4	49,699.6
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	29,052.6	28,673.4	30,163.6	22,267.8	20,995.6	21,820.0	21,876.9	22,189.6	21,621.0	22,317.6
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	28,086.0	24,492.3	24,875.7	29,977.8	31,515.2	31,891.9	32,261.5	32,204.1	29,200.4	27,382.1
MIMAROPA	0.7	0.6	0.6	0.8	0.3	1.1	1.1	1.1	1.8	16.7
Marinduque	..	..	..	..	..	..	..	..	..	0.6
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	15.6
Palawan	..	..	..	..	0.0	0.1	0.1	0.1	0.2	0.1
Romblon	0.7	0.6	0.6	0.8	0.3	1.0	1.0	1.0	1.6	0.3
Bicol Region	106.0	131.1	155.9	164.5	154.4	153.0	156.5	145.5	135.6	109.9
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	106.0	131.1	155.9	164.5	154.3	152.8	156.1	145.0	134.9	109.1
Catanduanes	..	..	..	..	0.2	0.2	0.4	0.5	0.7	0.8
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	191.7	213.2	128.0	174.2	20.1	85.5	347.6	132.3	303.3	200.1
Aklan	2.4	1.2	3.4	..	..	..	..	..	..	..
Antique	9.7	9.9	9.3	14.4	14.4	13.9	14.0	12.5	12.7	9.6
Capiz	4.0	4.5	4.5	6.1	3.5	4.2	4.6	4.7	5.2	3.5
Guimaras	2.1	1.9	2.6	3.1	1.9	1.5	0.7	0.3	..	..
Iloilo	172.7	195.0	107.3	150.0	..	62.6	326.1	112.6	284.2	185.9
Negros Occidental	0.9	0.7	0.9	0.7	0.3	3.3	2.3	2.2	1.3	1.1
Central Visayas	0.3	0.4	3.9	4.6	2.0	3.0	3.1	3.1	4.6	4.4
Bohol	..	..	2.8	2.5	0.9	1.6	1.5	1.3	1.0	1.6
Cebu	0.3	0.3	1.2	2.0	1.1	1.4	1.5	1.8	3.4	2.7
Negros Oriental	..	0.0	0.0	..	0.0	0.0	0.1	0.0	0.2	0.0
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	16.6	16.3	13.0	4.5	6.6	5.3	4.4	2.5	0.6	0.7
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	2.6	4.6	2.5	2.2	2.0	0.6	0.7
Leyte	11.0	12.3	13.0	1.9	2.0	2.5	2.2	0.5	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	5.6	4.0	..	..	..	0.3	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	2.0	2.0	1.4	1.2	1.5	1.1	1.1	1.2	0.9	0.7
Zamboanga del Norte	2.0	2.0	1.4	1.2	1.5	1.1	1.1	1.2	0.9	0.7
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	96.2	126.0	102.2	71.2	59.6	60.4	41.0	39.5	34.6	47.6
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	94.0	123.0	99.1	67.5	50.3	45.8	32.3	28.4	26.9	34.4
Misamis Occidental	0.6	0.5	0.4	0.4	5.0	8.7	6.5	8.3	7.3	13.0
Misamis Oriental	1.6	2.5	2.7	3.3	4.4	5.8	2.2	2.8	0.4	0.2
Davao Region	0.3	3.5	3.2	6.3	1.7	2.8	1.9	3.8	2.0	0.6
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	0.3	3.5	3.2	6.3	1.7	2.8	1.9	3.8	1.7	0.6
Compostela Valley	..	..	..	..	..	..	..	..	0.3	..
SOCCSKSARGEN	16.6	17.3	19.0	23.0	28.7	39.7	44.3	51.2	43.5	44.6
North Cotabato	9.5	9.8	11.4	15.6	21.9	33.3	38.4	44.2	36.6	36.8
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	2.1	2.5	2.1	1.9	1.6	1.5	1.1	1.8	2.1	2.9
Sultan Kudarat	5.0	5.1	5.5	5.5	5.2	4.9	4.8	5.2	4.8	5.0
Caraga	2.6	6.6	14.5	73.2	61.7	34.1	29.0	23.9	16.0	138.1
Agusan del Norte	0.6	0.8	9.0	66.5	53.4	24.7	25.6	19.8	13.9	13.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	14.0
Surigao del Sur	2.0	5.8	5.5	6.7	8.3	9.4	3.5	4.1	2.1	110.8
ARMM	186.0	192.3	299.0	161.4	157.6	166.8	133.6	109.9	65.7	51.4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	186.0	192.3	299.0	161.4	157.6	166.8	133.6	109.9	65.7	51.4
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Other Molluscs										
Philippines	**776.2**	**882.1**	**1,285.8**	**1,499.5**	**1,399.2**	**1,544.2**	**1,890.4**	**1,204.2**	**907.9**	**876.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	129.0	127.7	117.5	122.8	209.6	177.3	228.6	128.0	105.6	70.7
Ilocos Norte	58.6	44.0	18.4	21.8	104.6	91.1	92.4	37.8	37.6	25.5
Ilocos Sur	43.8	40.7	37.1	42.9	59.8	58.7	59.9	50.9	44.6	28.4
La Union	2.6	15.2	33.0	38.6	34.8	24.2	74.0	37.2	21.7	15.6
Pangasinan	24.0	27.8	29.0	19.5	10.5	3.3	2.3	2.1	1.7	1.3
Cagayan Valley	285.3	354.3	393.2	447.9	434.7	529.9	542.1	605.8	491.3	459.5
Cagayan	280.4	346.7	383.6	437.9	427.7	520.3	536.0	598.0	485.3	450.7
Isabela	1.7	4.1	6.2	6.4	3.3	6.1	2.3	4.1	1.6	4.9
Nueva Vizcaya	3.2	3.4	3.5	3.6	3.7	3.5	3.8	3.8	4.3	4.0
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	12.2	15.0	17.7	11.8	11.3	8.0	7.5	7.8	8.2	8.3
Aurora	10.2	14.0	12.7	11.8	11.3	8.0	7.5	7.8	8.2	8.3
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	1.0	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	5.0	..	..	..	..	..	..	..
Zambales	1.0	1.0	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	0.2	0.7	0.5	0.1	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	0.2	0.7	0.5	0.1	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	244.0	235.1	579.6	772.8	594.6	647.4	956.3	316.1	169.2	198.5
Aklan	2.3	1.6	11.9	10.0	12.5	16.0	18.3	23.5	56.0	39.5
Antique	1.7	1.5	2.2	2.5	2.8	2.3	2.3	2.2	2.5	2.7
Capiz	4.6	4.6	4.5	6.0	4.1	7.6	7.9	5.8	5.2	2.8
Guimaras	3.5	4.9	4.8	4.9	3.4	4.4	6.4	5.1	2.0	2.0
Iloilo	226.0	216.0	523.9	748.0	571.1	614.1	917.6	275.6	99.2	148.8
Negros Occidental	6.0	6.6	32.4	1.4	0.7	3.1	3.9	3.9	4.4	2.7
Central Visayas	29.4	38.9	41.7	40.4	33.3	32.2	35.2	41.2	63.7	56.9
Bohol	15.0	14.5	17.3	16.5	12.5	12.3	11.1	8.0	4.7	3.0
Cebu	3.5	6.8	8.3	13.6	12.1	15.1	21.2	31.5	58.0	53.6
Negros Oriental	10.9	17.6	16.1	10.3	8.7	4.8	2.9	1.8	1.1	0.3
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	10.1	10.6	8.1	0.9	0.0	0.1	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	1.5	..	..	..	..	..	..	..	..
Leyte	10.1	9.1	8.1	0.9	0.0	0.1	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	0.3	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	0.3	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	47.9	77.9	110.8	68.9	59.5	58.5	45.9	39.0	21.8	31.3
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	0.1	..	..	..	..	..	..
Lanao del Norte	34.6	61.1	84.7	53.1	51.3	53.2	43.1	35.8	17.5	28.4
Misamis Occidental	..	..	..	..	..	..	..	..	3.8	2.8
Misamis Oriental	13.3	16.8	26.1	15.8	8.1	5.3	2.8	3.2	0.6	0.1
Davao Region	0.6	2.5	1.0	0.4	17.4	29.6	23.1	20.9	5.4	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	26.3	17.5	20.9	5.0	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	0.6	2.5	1.0	0.4	17.4	3.3	5.6	..	..	..
Compostela Valley	..	..	..	..	..	..	0.1	..	0.4	..
SOCCSKSARGEN	8.9	9.2	9.0	9.1	8.6	7.7	7.0	5.5	5.1	5.3
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	2.2	2.3	2.1	2.3	1.9	1.7	1.5	..	..	..
Sultan Kudarat	6.7	6.9	6.9	6.8	6.7	6.0	5.6	5.5	5.1	5.3
Caraga	8.7	10.8	6.8	24.2	30.2	53.7	44.7	39.8	37.6	46.3
Agusan del Norte	8.7	10.8	6.8	24.2	30.2	53.7	44.7	39.8	37.6	46.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Acetes (Alamang)										
PHILIPPINES	**7,667.9**	**6,474.0**	**8,987.1**	**7,047.0**	**8,737.1**	**10,931.2**	**10,246.0**	**8,018.9**	**11,798.2**	**10,834.6**
NCR	272.4	422.0	202.6	137.7	118.1	188.0	276.2	170.8	174.8	169.8
Metro Manila	272.4	422.0	202.6	137.7	118.1	188.0	276.2	170.8	174.8	169.8
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	298.0	335.6	449.5	391.5	195.2	219.3	296.7	404.6	475.1	480.8
Ilocos Norte	..	..	60.2	11.8	1.9	2.3	3.3	2.7	2.4	1.6
Ilocos Sur	86.5	113.5	259.2	154.0	90.6	114.4	242.5	289.3	343.5	369.0
La Union	72.1	37.0	31.0	10.0	8.7	26.4	16.8	34.6	25.8	9.6
Pangasinan	139.4	185.2	99.1	215.7	94.0	76.1	34.1	78.0	103.4	100.6
Cagayan Valley	729.8	556.1	1,436.4	1,469.2	1,104.3	1,484.9	1,775.7	1,278.9	1,295.1	911.7
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	725.8	551.6	1,433.4	1,466.8	1,102.3	1,483.9	1,774.4	1,277.7	1,293.8	910.4
Isabela	4.0	4.5	3.1	2.4	2.1	1.0	1.3	1.2	1.3	1.3
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	712.1	572.0	935.3	499.4	712.0	659.5	754.2	803.5	758.1	685.5
Aurora	12.0	9.5	7.5	5.4	6.4	5.2	3.6	3.9	4.1	3.9
Bataan	65.5	100.0	67.1	104.4	100.5	101.1	137.1	132.2	134.7	144.8
Bulacan	74.0	102.6	202.3	126.7	108.6	88.3	103.5	92.3	92.2	54.8
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	560.6	360.0	658.4	263.0	496.5	465.0	510.0	575.0	527.1	482.0
CALABARZON	171.2	352.8	911.7	44.3	65.3	113.4	41.2	38.0	3,802.1	3,203.3
Batangas	21.8	47.4	3.6	4.3	17.1	21.4	20.9	10.6	9.9	10.3
Cavite	98.4	199.2	20.1	39.3	45.9	90.8	17.5	27.1	67.5	62.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	51.1	106.2	888.0	0.7	2.4	1.1	2.8	0.3	3,724.7	3,130.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	579.8	527.4	817.3	354.4	18.4	6.4	21.9	38.8	45.5	30.3
Marinduque	10.6	5.9	1.0	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	1.0	2.8	2.6	2.2	2.6	2.6	2.6
Oriental Mindoro	..	..	..	..	..	..	..	..	0.2	0.3
Palawan	569.2	521.5	816.3	353.4	15.6	3.9	19.7	36.1	42.8	27.4
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	257.0	321.3	661.2	815.6	1,803.9	1,716.6	1,943.3	1,811.1	1,745.7	1,683.2
Albay	..	..	..	..	..	..	..	..	..	79.1
Camarines Norte	125.0	138.0	77.5	84.9	0.6	0.5	1.1	1.4	1.9	40.0
Camarines Sur	132.0	183.3	557.5	711.4	1,801.7	1,714.3	1,936.6	1,800.6	1,737.6	1,563.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	0.3	..	..	..	..	..	..
Sorsogon	..	..	26.2	19.0	1.7	1.8	5.7	9.1	6.3	0.5
Western Visayas	2,157.4	2,116.2	2,328.2	2,007.6	2,054.0	3,291.8	3,328.6	2,003.0	2,352.0	2,333.8
Aklan	209.8	207.9	165.1	163.7	178.3	148.9	159.0	153.1	218.9	269.9
Antique	3.9	1.7	3.0	2.9	2.6	3.5	7.1	6.8	8.1	6.5
Capiz	276.2	253.9	249.8	115.4	52.1	58.0	43.8	35.9	24.7	27.2
Guimaras	37.1	55.6	72.8	68.6	104.2	121.7	40.2	15.6	15.9	18.5
Iloilo	1,458.0	1,411.5	1,639.3	1,508.6	1,659.3	2,882.9	2,793.3	1,672.5	1,817.9	1,939.8
Negros Occidental	172.5	185.5	198.3	148.4	57.5	76.9	285.1	119.1	266.6	71.9
Central Visayas	44.3	46.9	71.7	61.3	75.8	80.3	70.8	97.6	130.0	186.8
Bohol	4.0	1.4	2.3	1.2	1.0	0.8	1.1	1.1	1.1	1.2
Cebu	10.7	25.5	50.2	44.1	56.5	63.4	57.4	94.9	106.9	178.2
Negros Oriental	29.6	20.0	19.3	16.0	18.3	16.0	12.4	1.6	22.1	7.4
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	292.2	138.3	112.6	78.4	1,092.0	1,014.8	714.2	478.3	87.4	196.4
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	6.9	1.7	1.1	..	..	..	1.4	2.2	2.5	10.2
Leyte	102.0	97.9	81.3	..	..	..	..	..	..	..
Northern Samar	11.0	..	..	0.5	..	..	..	..	..	..
Southern Leyte	22.3	38.7	30.3	17.3	6.1	4.9	0.4	0.2	..	..
Samar	150.0	..	..	60.6	1,085.9	1,009.9	712.4	475.9	84.8	186.2
Zamboanga Peninsula	688.3	300.3	332.3	242.4	417.5	1,341.7	276.8	178.2	128.1	113.3
Zamboanga del Norte	102.3	95.9	83.7	58.2	23.2	15.2	16.5	13.7	13.2	10.2
Zamboanga del Sur	574.6	4.1	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	3.6	2.8
Zamboanga Sibugay	11.4	200.3	248.7	184.2	394.3	1,326.5	260.3	164.4	111.3	100.4
Northern Mindanao	90.1	95.2	174.4	252.5	323.3	201.1	215.4	197.3	319.8	401.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	41.8	90.7	95.4	79.4	70.7	63.8	78.1	121.8
Misamis Occidental	85.2	83.6	86.3	100.4	99.4	83.9	62.3	63.3	54.0	70.0
Misamis Oriental	4.8	11.6	46.3	61.4	128.5	37.8	82.3	70.2	187.7	209.5
Davao Region	331.6	305.2	238.0	139.0	103.9	90.5	31.3	23.5	29.6	76.5
Davao del Norte	101.5	47.4	57.4	26.7	27.5	27.8	4.3	3.2	3.1	23.5
Davao del Sur	8.9	..	..	0.7	..	..	1.4	..	..	..
Davao City	60.9	119.6	73.2	66.7	34.9	24.9	25.6	6.9	..	28.5
Davao Oriental	0.6	1.8	..	..	..	..	..	..	..	..
Compostela Valley	159.7	136.4	107.4	44.9	41.5	37.7	..	13.4	26.4	24.6
SOCCSKSARGEN	115.6	217.7	97.2	135.3	127.3	164.6	234.7	218.1	220.9	139.0
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	16.4	71.3	13.3	16.7	19.4	21.4	17.4	15.1	23.8	20.5
South Cotabato	99.1	146.4	83.9	118.6	107.9	143.2	217.3	203.0	197.2	118.6
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	861.5	102.5	131.3	188.2	213.8	142.9	114.3	122.2	94.4	93.8
Agusan del Norte	17.4	5.5	7.6	1.4	1.2	12.7	9.5	4.6	5.8	3.4
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	844.2	97.0	123.7	186.8	212.6	130.2	104.8	117.7	88.6	90.4
ARMM	66.7	64.5	87.4	230.3	312.5	215.4	150.8	155.2	139.6	129.2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	8.1	7.9	22.8	10.2	10.4	6.0	6.8	..	..	..
Sulu	41.3	36.5	30.7	14.7	16.4	15.9	7.1	6.7	6.7	6.5
Tawi-tawi	17.2	20.2	34.0	205.4	285.7	193.4	137.0	148.5	132.9	122.7

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Anchovies (Dilis)										
PHILIPPINES	**45,864.3**	**49,431.7**	**45,814.6**	**55,531.1**	**52,604.8**	**48,827.0**	**44,014.8**	**44,744.8**	**47,694.8**	**43,392.8**
NCR	324.9	485.8	207.3	177.7	231.0	208.5	71.7	106.6	212.7	360.7
Metro Manila	324.9	485.8	207.3	177.7	231.0	208.5	71.7	106.6	212.7	360.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	1,356.8	1,537.7	883.3	1,027.8	456.7	350.5	217.6	409.2	705.9	440.9
Ilocos Norte	130.5	408.1	155.8	256.2	206.7	116.8	145.8	334.2	543.1	249.1
Ilocos Sur	478.4	558.3	49.6	582.4	122.7	124.3	61.9	61.2	140.8	169.9
La Union	645.9	515.7	672.4	186.3	125.5	106.5	8.3	10.3	11.0	11.4
Pangasinan	102.0	55.7	5.5	3.0	1.8	3.0	1.5	3.5	11.0	10.6
Cagayan Valley	1,993.0	2,202.9	1,955.6	2,958.6	3,006.2	2,676.2	2,376.6	2,802.2	3,145.9	3,131.6
Batanes	18.1	..	..	..	..	4.3	..	..	0.9	4.1
Cagayan	1,962.9	2,189.7	1,946.2	2,932.4	2,984.1	2,656.9	2,359.4	2,785.1	3,128.0	3,111.1
Isabela	12.0	13.2	9.4	26.2	22.2	15.0	17.3	17.2	17.0	16.5
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	421.4	447.7	430.9	1,217.3	557.4	675.0	615.1	594.8	667.2	479.9
Aurora	60.2	57.0	35.8	23.0	24.0	20.1	9.9	8.9	8.9	8.5
Bataan	109.0	89.6	75.2	66.1	77.4	83.4	99.3	99.7	102.7	105.6
Bulacan	27.5	59.4	52.3	23.1	12.4	4.2	0.7	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	125.2	131.5	137.0	145.2	136.6	137.5	125.4	126.6	131.0	115.1
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	99.6	110.2	130.7	959.9	307.0	429.7	379.9	359.5	424.7	250.7
CALABARZON	646.6	840.5	691.5	1,307.2	662.1	293.6	447.9	494.8	386.5	386.0
Batangas	274.4	153.3	153.6	97.8	125.0	102.7	171.8	126.7	71.2	40.9
Cavite	27.8	33.0	23.4	14.3	5.5	6.2	4.9	9.7	8.9	22.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	344.4	654.1	514.6	1,195.1	531.6	184.7	271.2	358.4	306.4	323.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	10,041.6	9,100.8	7,411.4	8,020.5	6,092.9	5,602.6	5,176.7	4,806.2	5,924.3	5,409.3
Marinduque	98.2	123.2	146.0	137.5	148.6	166.4	150.3	145.8	134.8	141.3
Occidental Mindoro	194.9	208.0	209.3	208.9	219.8	212.1	215.0	222.1	229.2	235.6
Oriental Mindoro	327.0	336.6	329.9	345.0	359.1	352.8	387.3	398.4	436.8	475.3
Palawan	9,155.1	8,151.0	6,338.4	6,774.0	4,710.1	3,827.9	2,861.5	2,983.6	3,212.9	2,619.6
Romblon	266.4	282.0	387.9	555.2	655.4	1,043.5	1,562.6	1,056.2	1,910.6	1,937.5
Bicol Region	6,673.5	6,629.1	6,649.8	8,852.6	11,786.7	11,730.5	12,754.9	13,596.2	13,808.0	11,928.0
Albay	754.0	717.6	693.0	918.6	948.2	898.6	838.7	910.8	961.7	872.3
Camarines Norte	1,055.0	1,023.2	1,286.5	1,134.6	1,181.1	1,179.5	1,480.0	1,614.0	1,644.4	641.4
Camarines Sur	590.0	742.2	1,012.5	3,444.5	6,195.6	6,347.8	6,376.1	6,245.6	6,117.7	5,955.6
Catanduanes	92.0	294.8	305.3	271.2	292.5	322.0	319.1	341.2	308.3	265.5
Masbate	3,809.0	3,490.1	3,057.3	2,823.7	2,931.0	2,767.6	3,353.9	3,945.6	4,249.5	3,632.7
Sorsogon	373.5	361.2	295.1	260.1	238.4	214.9	387.1	539.1	526.6	560.6
Western Visayas	3,530.8	7,389.4	6,925.2	9,876.3	10,017.0	9,397.9	6,866.8	6,981.8	7,148.1	6,515.4
Aklan	915.7	725.3	446.9	376.4	443.2	395.2	386.2	389.6	447.2	517.5
Antique	86.2	108.5	70.8	85.5	81.1	50.3	143.1	295.0	310.9	240.1
Capiz	482.0	523.7	522.1	4,032.0	4,606.3	4,265.7	3,591.9	3,265.6	3,461.2	3,092.9
Guimaras	237.2	225.0	297.9	282.3	220.3	388.5	367.5	202.7	182.6	273.2
Iloilo	1,280.5	3,267.5	3,292.2	3,783.8	3,371.9	3,094.2	1,751.0	1,912.7	2,049.4	1,726.0
Negros Occidental	529.3	2,539.4	2,295.5	1,316.5	1,294.3	1,204.1	627.1	916.1	696.9	665.9
Central Visayas	1,981.5	1,743.7	1,498.8	1,762.2	1,850.3	1,719.2	1,425.6	1,430.9	1,979.2	1,986.4
Bohol	1,086.0	1,204.8	940.0	1,117.8	1,132.1	978.6	857.7	868.4	1,664.1	1,605.2
Cebu	684.9	374.5	400.3	474.9	560.9	569.9	415.9	413.3	171.6	208.0
Negros Oriental	150.3	139.4	119.6	109.1	95.1	96.1	94.1	96.5	92.3	123.5
Siquijor	60.4	25.0	38.9	60.5	62.3	74.6	57.9	52.7	51.2	49.6
Eastern Visayas	3,375.7	3,344.3	2,243.1	5,548.1	4,408.3	4,373.4	3,488.0	2,698.0	2,456.5	2,548.8
Biliran	318.0	522.2	501.3	266.0	194.0	207.6	202.0	363.5	445.0	414.8
Eastern Samar	480.3	414.1	372.2	404.6	116.8	92.1	28.8	14.9	1.6	3.6
Leyte	682.0	684.4	718.7	2,901.7	2,514.0	2,637.8	1,887.6	816.2	748.7	788.1
Northern Samar	324.9	305.3	278.4	1,051.2	599.1	615.8	662.0	698.8	720.8	745.5
Southern Leyte	280.1	209.8	195.2	153.5	160.5	227.1	157.8	266.6	293.7	304.3
Samar	1,290.5	1,208.5	177.3	771.2	823.9	593.0	549.7	538.0	246.7	292.5
Zamboanga Peninsula	3,155.0	2,336.2	2,618.2	2,243.7	3,769.7	3,312.9	2,195.4	2,978.3	3,519.9	3,077.2
Zamboanga del Norte	1,139.7	747.0	895.6	779.1	1,207.8	1,127.5	335.5	792.2	1,342.8	753.4
Zamboanga del Sur	1,255.9	816.0	489.2	652.6	410.5	424.1	426.3	443.7	471.4	500.0
Zamboanga City	62.3	95.4	114.7	46.6	172.2	147.5	144.0	185.4	299.9	294.0
Zamboanga Sibugay	697.0	677.9	1,118.7	765.4	1,979.2	1,613.7	1,289.6	1,557.1	1,405.8	1,529.9
Northern Mindanao	2,063.2	2,208.9	2,099.5	1,297.9	1,137.9	912.6	1,083.5	1,235.4	1,612.4	1,284.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	67.0	45.0	66.7	47.0	40.7	30.4	32.5	38.9	39.6	53.0
Lanao del Norte	848.7	1,031.0	878.3	755.0	412.3	439.4	276.1	391.6	338.4	400.9
Misamis Occidental	759.9	862.5	865.5	367.3	461.6	317.2	651.2	619.0	566.2	581.7
Misamis Oriental	387.6	270.5	289.1	128.6	223.3	125.6	123.6	185.9	668.2	248.9
Davao Region	1,596.8	1,390.4	1,340.9	2,922.4	1,477.7	1,074.8	1,295.3	1,263.7	1,301.6	1,664.9
Davao del Norte	80.7	142.4	136.7	78.7	47.6	20.3	64.2	62.3	39.6	20.6
Davao del Sur	770.2	1,081.5	724.4	833.0	354.7	302.4	527.2	772.1	504.0	434.4
Davao City	58.9	13.7	7.7	6.7	5.0	3.5	19.4	18.7	23.7	13.8
Davao Oriental	598.4	69.2	392.7	1,936.1	1,005.2	681.7	602.1	299.8	601.6	1,089.4
Compostela Valley	88.7	83.6	79.4	67.9	65.2	66.9	82.4	110.9	132.8	106.6
SOCCSKSARGEN	742.1	290.5	2,627.7	947.6	562.2	746.9	948.0	675.0	853.8	320.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	591.4	177.9	2,169.3	842.4	431.9	612.6	796.0	557.9	719.6	261.4
South Cotabato	105.8	73.5	419.8	65.5	91.1	93.0	115.2	84.7	115.0	28.8
Sultan Kudarat	44.9	39.1	38.6	39.7	39.2	41.3	36.8	32.4	19.2	30.3
Caraga	5,859.9	7,606.8	6,256.8	5,519.1	4,614.1	3,658.4	2,963.2	1,889.5	1,460.0	1,538.4
Agusan del Norte	223.0	38.6	38.3	10.7	31.6	49.9	26.4	11.6	12.9	10.0
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	4,673.9	6,385.2	5,343.3	4,748.0	4,303.0	3,394.4	2,763.9	1,682.9	1,338.3	1,309.8
Surigao del Sur	963.0	1,183.0	875.2	760.4	279.5	214.1	173.0	195.0	108.9	218.7
ARMM	2,101.4	1,877.0	1,974.6	1,852.2	1,974.4	2,094.0	2,088.7	2,782.2	2,513.0	2,320.4
Basilan	212.3	191.4	172.3	182.0	177.4	183.9	185.5	172.3	173.9	184.7
Lanao del Sur	964.2	826.5	843.5	850.7	866.8	858.4	858.7	1,554.1	1,309.9	1,118.8
Maguindanao	69.6	70.2	170.2	226.2	303.2	419.7	439.0	436.7	440.2	444.5
Sulu	720.7	658.5	681.1	507.9	487.8	482.8	472.0	457.2	445.5	417.9
Tawi-tawi	134.5	130.4	107.6	85.5	139.2	149.1	133.6	161.9	143.5	154.5

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Big-eyed scad (Matangbaka)										
PHILIPPINES	**60,259.9**	**61,562.2**	**58,576.5**	**67,402.4**	**76,879.4**	**76,516.8**	**72,058.9**	**69,944.3**	**71,551.8**	**73,752.9**
NCR	2.4	4.8	0.6	1.6	3.8	39.2	1.5	3.4	2.2	9.2
Metro Manila	2.4	4.8	0.6	1.6	3.8	39.2	1.5	3.4	2.2	9.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	1,130.2	771.4	774.2	788.1	682.6	735.2	1,312.1	920.9	727.5	493.8
Ilocos Norte	453.2	438.0	467.9	561.8	529.6	553.0	682.0	646.8	461.4	243.1
Ilocos Sur	412.0	104.4	49.9	48.6	85.3	72.3	117.6	90.8	54.2	48.5
La Union	233.9	177.1	221.2	172.3	45.0	52.4	428.8	148.4	165.7	150.4
Pangasinan	31.0	51.8	35.2	5.5	22.8	57.6	83.6	34.9	46.2	51.8
Cagayan Valley	752.4	837.7	718.2	728.6	640.9	630.3	403.9	352.7	422.0	404.9
Batanes	..	..	..	..	..	..	..	..	..	2.9
Cagayan	736.7	818.8	675.1	683.7	600.0	592.2	365.2	315.4	373.7	356.0
Isabela	15.8	19.0	43.2	44.9	41.0	38.1	38.7	37.4	48.3	46.0
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	385.7	423.1	432.9	408.4	560.5	466.7	461.7	472.2	496.3	464.0
Aurora	96.4	94.8	86.1	88.0	101.2	98.6	109.0	112.9	117.7	119.7
Bataan	254.6	277.0	255.7	195.5	197.4	179.8	193.2	194.1	200.6	204.3
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	26.6	25.5	42.9	61.5	67.1	67.9	76.0	85.9	91.3	89.4
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	8.2	25.8	48.2	63.4	194.8	120.4	83.5	79.3	86.8	50.7
CALABARZON	1,719.0	1,394.0	1,280.4	1,116.5	1,332.6	915.2	1,074.7	1,136.2	1,200.5	999.1
Batangas	625.3	385.0	597.6	584.8	824.4	695.2	597.4	566.2	507.5	511.0
Cavite	8.0	1.6	2.7	12.7	1.1	0.4	4.1	..	17.1	24.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,085.6	1,007.3	680.1	519.0	507.1	219.6	473.2	570.0	676.0	464.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	11,357.5	10,038.6	12,739.6	12,648.6	14,236.2	11,455.6	9,784.7	9,174.9	9,250.9	10,115.1
Marinduque	91.6	106.6	102.8	111.1	111.8	89.3	87.4	91.7	81.1	84.1
Occidental Mindoro	189.5	213.6	221.3	222.8	216.2	206.1	210.2	209.5	217.8	224.1
Oriental Mindoro	272.0	285.9	278.5	276.9	264.2	254.1	252.8	283.3	280.7	236.4
Palawan	10,467.5	8,968.4	11,790.7	11,674.0	13,220.0	10,392.4	8,640.8	7,815.0	7,936.1	8,903.6
Romblon	337.0	464.1	346.3	363.9	424.1	513.8	593.5	775.5	735.2	666.8
Bicol Region	3,582.2	3,726.5	3,286.7	3,243.6	3,840.6	3,879.5	3,662.3	4,842.3	5,153.1	6,113.0
Albay	128.0	146.3	181.6	136.0	335.7	441.7	482.2	510.1	529.4	479.7
Camarines Norte	1,598.0	1,745.5	1,511.1	1,359.5	1,507.4	1,471.3	901.4	1,076.7	1,077.3	2,360.4
Camarines Sur	515.0	646.9	442.2	612.8	702.1	709.5	787.6	807.1	812.9	775.6
Catanduanes	211.0	359.1	346.6	468.3	466.4	465.7	357.7	344.9	292.6	251.9
Masbate	867.0	511.2	548.7	548.4	779.6	751.5	899.2	1,659.9	2,019.9	1,957.4
Sorsogon	263.2	317.4	256.5	118.6	49.5	39.7	234.2	443.5	421.1	287.9
Western Visayas	2,025.8	3,541.0	3,231.2	3,519.7	4,516.5	4,161.8	4,775.3	4,194.7	3,982.0	3,196.4
Aklan	71.4	200.6	207.0	219.9	306.5	347.0	390.5	400.0	431.9	473.6
Antique	436.6	317.1	405.6	475.3	1,105.3	997.5	887.8	927.5	911.8	894.3
Capiz	651.6	653.7	618.0	347.5	240.4	254.8	405.3	450.3	415.9	450.9
Guimaras	161.1	186.5	150.4	124.2	123.1	81.6	80.2	137.0	107.8	28.4
Iloilo	671.2	2,140.5	1,781.5	1,550.3	1,872.4	1,569.5	2,766.1	2,037.2	1,568.0	1,118.2
Negros Occidental	33.9	42.7	68.7	802.6	868.8	911.5	245.4	242.8	546.6	231.0
Central Visayas	2,982.4	2,642.0	2,144.9	2,853.3	3,048.3	2,660.8	2,799.2	2,856.0	3,032.4	2,869.2
Bohol	594.0	81.2	48.8	167.0	264.8	174.6	541.3	525.8	412.7	319.1
Cebu	1,778.5	1,893.6	1,484.2	1,954.7	2,064.4	1,739.5	1,536.1	1,698.8	2,040.8	2,034.7
Negros Oriental	490.4	515.1	464.7	578.9	561.2	571.7	528.6	439.0	401.5	353.6
Siquijor	119.6	152.1	147.3	152.8	157.9	174.9	193.3	192.4	177.5	161.9
Eastern Visayas	1,522.3	1,688.9	1,886.3	3,694.7	4,286.6	4,927.1	4,584.4	3,954.4	3,863.9	4,064.4
Biliran	38.5	79.6	107.7	42.4	153.0	112.7	105.3	119.8	122.6	115.7
Eastern Samar	408.0	374.2	326.6	102.8	166.3	155.2	116.2	114.4	145.9	135.6
Leyte	322.0	404.5	546.8	2,052.3	2,259.0	2,241.1	1,917.5	870.2	1,094.1	1,193.3
Northern Samar	284.8	330.4	429.1	403.8	556.6	670.3	777.9	794.8	822.7	867.1
Southern Leyte	225.7	218.9	164.8	346.3	487.7	562.7	526.6	873.7	619.8	592.7
Samar	243.3	281.3	311.3	747.2	663.9	1,185.1	1,141.0	1,181.4	1,058.6	1,160.0
Zamboanga Peninsula	9,604.0	10,708.7	8,954.2	15,648.2	19,900.5	23,139.9	21,408.1	20,645.7	22,731.1	24,020.8
Zamboanga del Norte	2,379.4	2,732.7	2,944.7	2,857.5	3,286.7	4,190.2	3,496.7	3,947.2	5,058.8	6,258.7
Zamboanga del Sur	891.7	1,478.7	1,996.5	2,422.3	3,844.6	3,484.6	2,798.0	2,656.9	2,780.5	2,946.2
Zamboanga City	5,923.6	6,079.8	3,434.7	9,213.6	11,518.5	13,698.1	13,640.8	12,768.2	13,777.7	13,648.2
Zamboanga Sibugay	409.3	417.6	578.2	1,154.8	1,250.7	1,767.0	1,472.6	1,273.4	1,114.1	1,167.7
Northern Mindanao	3,165.7	3,910.5	3,654.0	2,227.6	2,311.2	2,607.5	1,867.7	2,122.2	2,006.6	1,912.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	73.7	67.7	98.0	106.1	89.4	117.9	75.4	113.4	116.7	63.6
Lanao del Norte	456.8	384.3	447.4	553.4	623.5	672.0	637.9	503.3	536.9	628.4
Misamis Occidental	2,458.0	3,159.1	3,041.1	1,450.8	1,382.5	1,523.5	817.7	891.0	908.3	770.7
Misamis Oriental	177.2	299.5	67.6	117.3	215.8	294.0	336.7	614.5	444.7	449.8
Davao Region	2,147.6	2,780.6	1,849.9	1,498.1	3,056.3	2,984.8	3,102.9	1,747.6	1,284.1	1,561.0
Davao del Norte	44.3	199.1	240.2	126.0	79.0	88.7	86.8	73.3	44.2	86.7
Davao del Sur	403.3	907.2	261.9	133.1	1,442.1	1,082.5	1,283.3	652.6	507.5	717.6
Davao City	154.4	114.4	133.0	211.1	236.4	253.4	213.0	232.9	200.2	180.1
Davao Oriental	1,207.8	1,197.0	856.4	606.0	830.2	1,231.9	1,321.7	613.7	411.2	460.0
Compostela Valley	337.9	363.0	358.4	422.0	468.6	328.5	198.1	175.2	121.0	116.5
SOCCSKSARGEN	2,622.0	2,684.3	1,624.4	2,274.4	2,466.1	2,618.9	2,605.1	2,560.8	2,679.1	2,189.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1,697.2	1,671.4	624.1	1,189.5	1,381.6	1,457.7	1,455.0	1,481.1	1,607.2	1,255.6
South Cotabato	63.3	104.1	66.7	113.2	107.9	161.9	161.1	188.4	176.3	109.1
Sultan Kudarat	861.6	908.8	933.6	971.7	976.6	999.3	988.9	891.4	895.6	824.5
Caraga	9,610.6	8,133.8	6,960.5	6,742.9	5,263.4	4,316.0	3,195.9	3,002.7	2,383.6	2,240.4
Agusan del Norte	37.0	23.4	29.1	101.9	132.4	97.6	69.5	50.6	70.6	69.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	9,491.0	7,823.7	6,649.3	6,321.6	4,943.9	3,986.8	2,876.9	2,676.4	1,941.9	1,832.5
Surigao del Sur	82.6	286.7	282.1	319.3	187.1	231.7	249.5	275.8	371.1	338.3
ARMM	7,650.1	8,276.4	9,038.6	10,008.3	10,733.3	10,978.3	11,019.5	11,957.5	12,336.5	13,100.0
Basilan	2,167.1	2,481.2	2,744.6	2,956.6	3,180.0	3,343.1	3,262.5	3,607.9	3,657.1	3,848.5
Lanao del Sur	1,598.0	1,590.2	1,664.9	1,675.5	1,746.8	1,723.3	1,715.2	1,806.4	1,794.6	1,715.0
Maguindanao	653.1	633.6	723.4	658.6	670.3	695.5	736.1	745.0	751.6	756.7
Sulu	2,513.6	2,802.1	3,097.2	4,059.4	4,236.2	4,241.4	4,401.0	4,601.6	4,881.5	5,164.0
Tawi-tawi	718.3	769.3	808.6	658.2	900.0	975.0	904.8	1,196.6	1,251.8	1,615.8

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bigeye tuna (Tambakol/Bariles)										
PHILIPPINES	**14,136.8**	**16,890.7**	**17,966.6**	**2,034.2**	**3,070.4**	**3,590.6**	**4,568.2**	**4,961.9**	**4,972.8**	**5,614.5**
NCR	..	..	..	..	..	..	..	8.9	8.6	6.3
Metro Manila	..	..	..	..	..	..	..	8.9	8.6	6.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	158.7	395.1	605.5	294.1	482.3	463.9	78.4	32.7	40.4	161.7
Ilocos Norte	6.5	..	..	..	..	..	..	..	..	..
Ilocos Sur	13.4	10.0	0.3	0.8	1.7	5.4	6.7	1.4	1.3	9.2
La Union	115.2	359.9	418.9	56.0	67.6	53.5	9.6	7.9	8.2	..
Pangasinan	23.6	25.2	186.3	237.3	413.0	405.1	62.0	23.4	30.9	152.5
Cagayan Valley	65.6	81.4	222.4	25.5	23.7	22.0	27.1	25.3	19.8	29.1
Batanes	3.0	3.3	1.3	0.2	0.5	0.6	2.9	1.9	0.2	..
Cagayan	58.1	71.2	210.8	23.9	21.8	20.6	23.3	22.5	18.6	28.2
Isabela	4.5	6.9	10.3	1.4	1.4	0.8	0.9	0.9	1.0	0.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	246.9	545.0	511.9	..	53.9	96.4	171.1	156.5	168.2	131.6
Aurora	18.6	80.5	56.2	..	..	..	..	..	..	..
Bataan	48.8	30.9	24.2	..	14.7	4.2	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	179.5	433.7	431.4	..	39.2	92.2	171.1	156.5	168.2	131.6
CALABARZON	379.3	754.4	640.4	35.6	15.8	3.2	5.8	1.5	5.2	44.9
Batangas	21.7	..	..	16.1	..	..	..	..	0.3	..
Cavite	4.6	0.1	0.8	0.0	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	353.0	754.3	639.5	19.5	15.8	3.2	5.8	1.5	4.9	44.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,648.1	4,082.5	5,134.5	475.5	817.6	750.6	506.9	615.1	672.2	682.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	188.6	228.5	247.0	14.2	17.9	79.7	32.7	33.5	35.4	34.4
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	3,145.7	3,520.0	4,633.5	446.6	671.8	550.8	387.4	493.4	558.5	590.3
Romblon	313.8	334.0	254.0	14.7	127.8	120.1	86.8	88.2	78.4	57.4
Bicol Region	279.7	221.5	414.9	131.3	237.1	471.6	639.6	994.0	1,189.6	1,698.6
Albay	46.0	47.7	201.6	28.2	54.9	181.1	244.3	305.5	315.8	285.7
Camarines Norte	89.0	89.7	40.3	24.7	44.8	31.2	23.3	26.7	26.9	448.4
Camarines Sur	18.0	21.7	10.1	38.1	29.3	28.2	21.5	18.5	20.6	17.1
Catanduanes	9.0	19.6	26.6	14.4	65.7	146.8	203.3	304.8	290.4	260.8
Masbate	3.0	35.0	35.8	10.1	30.3	32.9	80.0	253.6	462.5	452.5
Sorsogon	114.7	7.9	100.5	16.0	12.1	51.5	67.3	84.9	73.3	234.0
Western Visayas	1,196.0	1,591.9	1,702.6	218.8	219.0	274.8	798.5	808.8	852.0	679.0
Aklan	22.4	44.7	94.9	14.5	25.2	33.6	32.6	34.0	39.6	61.0
Antique	8.5	21.2	29.1	71.3	156.0	147.5	117.5	128.4	132.8	143.6
Capiz	48.0	60.0	52.7	2.3	0.7	2.6	0.9	..	..	..
Guimaras	5.8	5.3	6.0	0.7	1.6	1.4	1.1	3.3	3.5	4.4
Iloilo	1,083.0	1,411.0	1,459.1	106.5	21.2	19.5	616.5	615.9	609.8	371.0
Negros Occidental	28.3	49.8	60.9	23.6	14.4	70.2	29.8	27.2	66.4	99.0
Central Visayas	398.1	276.5	132.9	7.7	1.5	1.1	0.4	..	..	..
Bohol	220.0	76.1	11.3	1.2	0.6	..	..	..	..	..
Cebu	23.1	32.6	18.0	2.1	..	..	..	..	..	..
Negros Oriental	66.7	83.2	58.3	3.5	0.9	1.1	0.4	..	..	..
Siquijor	88.3	84.7	45.3	0.9	..	..	..	..	..	..
Eastern Visayas	887.5	1,353.8	1,921.6	208.8	287.6	459.6	1,031.1	891.8	741.8	625.1
Biliran	7.4	7.9	9.2	1.9	7.7	3.9	5.8	5.1	1.6	1.0
Eastern Samar	111.0	438.6	570.5	191.6	181.9	302.2	660.4	600.8	493.7	447.3
Leyte	375.0	402.9	490.3	2.2	11.7	9.0	112.3	91.0	88.2	19.5
Northern Samar	377.8	391.6	641.4	5.9	62.8	96.8	132.5	107.9	70.8	67.5
Southern Leyte	16.3	57.9	105.7	5.1	23.4	47.6	119.5	86.9	87.5	89.9
Samar	..	54.8	104.5	2.2	0.1	..	0.7	..	..	..
Zamboanga Peninsula	2,607.9	2,720.9	3,847.5	260.8	311.8	388.4	570.7	624.5	467.1	414.6
Zamboanga del Norte	1,821.7	1,528.5	1,415.2	118.3	49.5	24.8	17.0	16.6	4.8	5.6
Zamboanga del Sur	500.1	930.2	1,632.7	106.1	210.8	259.0	332.7	424.9	444.2	399.6
Zamboanga City	256.0	231.0	793.4	36.5	15.6	14.2	20.6	14.3	9.3	9.5
Zamboanga Sibugay	30.1	31.3	6.2	..	35.8	90.4	200.4	168.7	8.9	..
Northern Mindanao	322.4	503.9	379.6	63.9	52.5	106.4	121.3	174.2	145.5	171.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	36.1	34.9	23.0	7.4	8.8	5.0	4.3	..	..	..
Lanao del Norte	7.0	86.7	125.2	23.1	12.9	4.9	47.8	102.0	94.6	125.9
Misamis Occidental	195.8	178.4	154.2	18.3	18.3	61.2	15.1	18.0	19.3	18.8
Misamis Oriental	83.5	203.8	77.2	15.0	12.5	35.4	54.1	54.3	31.6	26.3
Davao Region	328.0	156.0	..	0.2	..	..	43.6	31.8	5.6	70.8
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	312.9	155.9	..	..	..	..	..	..	..	..
Davao City	11.7	..	..	..	..	..	1.8	..	..	23.9
Davao Oriental	3.4	0.1	..	0.2	..	..	41.8	31.8	5.6	46.9
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	364.9	471.3	333.0	49.4	60.1	49.2	26.2	45.0	82.7	46.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	162.7	149.5	35.1	35.6	44.8	32.4	10.3	29.1	63.4	26.7
South Cotabato	4.3	1.5	..	..	..	..	..	..	..	..
Sultan Kudarat	198.0	320.4	297.9	13.8	15.3	16.9	15.9	15.9	19.4	19.7
Caraga	461.9	1,172.3	1,157.0	119.8	207.7	175.5	192.9	139.2	111.3	154.6
Agusan del Norte	296.0	702.2	637.3	27.2	24.2	15.3	19.5	13.2	18.6	13.7
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	46.0	216.2	426.1	71.4	156.4	152.7	164.8	114.5	90.5	136.2
Surigao del Sur	119.9	253.8	93.7	21.1	27.2	7.5	8.6	11.5	2.2	4.7
ARMM	2,792.0	2,564.3	962.9	142.9	300.0	327.8	354.6	412.8	462.8	698.7
Basilan	18.2	39.7	15.3	10.3	10.1	9.4	4.5	1.6	1.6	1.5
Lanao del Sur	8.2	..	..	..	..	..	..	..	..	172.2
Maguindanao	2.8	2.7	84.6	14.2	160.1	178.7	186.0	187.7	191.8	211.7
Sulu	428.9	464.2	455.5	31.5	32.7	31.4	29.5	26.7	25.8	24.5
Tawi-tawi	2,334.0	2,057.7	407.5	86.9	97.2	108.4	134.7	196.8	243.6	288.8

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Blue crab (Alimasag)										
PHILIPPINES	**29,350.9**	**31,505.2**	**31,509.1**	**28,271.6**	**28,170.0**	**27,923.2**	**24,962.6**	**25,106.8**	**26,075.0**	**25,126.2**
NCR	278.7	270.6	173.2	187.8	270.7	422.9	476.3	424.8	540.1	394.8
Metro Manila	278.7	270.6	173.2	187.8	270.7	422.9	476.3	424.8	540.1	394.8
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	144.0	147.9	95.8	68.8	117.0	198.6	105.0	117.1	126.3	127.7
Ilocos Norte	2.1	..	..	..	..	..	..	..	..	0.7
Ilocos Sur	21.3	24.1	1.5	1.2	2.0	3.1	12.1	14.6	12.2	13.3
La Union	53.7	62.5	47.2	29.0	25.6	32.6	86.0	65.4	66.0	65.8
Pangasinan	67.0	61.4	47.0	38.6	89.4	163.0	6.9	37.1	48.2	47.9
Cagayan Valley	18.4	24.6	132.9	85.5	99.7	109.2	93.0	84.4	90.6	64.8
Batanes	..	..	..	..	..	..	..	..	0.4	0.2
Cagayan	15.9	21.5	129.2	79.4	93.8	103.5	85.9	77.4	82.9	57.5
Isabela	2.5	3.1	3.7	6.1	5.9	5.7	7.1	7.0	7.3	7.1
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,063.3	1,287.0	1,191.9	1,205.1	1,161.4	1,178.7	1,072.7	1,092.3	1,119.7	1,066.4
Aurora	47.2	47.8	29.6	21.8	27.9	22.8	15.0	14.1	14.3	14.1
Bataan	625.8	860.8	737.4	746.8	769.7	821.3	790.1	809.9	823.3	778.8
Bulacan	229.0	208.6	255.9	262.3	210.7	188.5	119.0	122.5	134.9	145.7
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	136.3	149.1	147.1	159.1	141.0	135.1	125.2	132.5	132.3	114.3
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	25.1	20.7	22.0	15.2	12.1	11.1	23.6	13.4	14.9	13.4
CALABARZON	541.0	562.5	572.6	828.3	1,331.8	1,912.8	1,510.4	1,628.3	1,705.3	1,587.3
Batangas	82.5	95.3	60.3	72.6	110.0	83.6	32.8	21.3	17.1	25.9
Cavite	179.1	110.0	156.6	70.3	112.9	118.4	155.4	157.1	277.8	262.1
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	279.4	357.3	355.6	685.4	1,109.0	1,710.8	1,322.2	1,450.0	1,410.4	1,299.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,208.9	3,727.1	4,596.5	3,915.3	3,321.8	3,358.2	3,569.8	3,630.9	4,759.5	3,810.2
Marinduque	36.6	37.9	40.1	37.6	44.4	47.9	47.0	55.9	48.5	51.5
Occidental Mindoro	132.2	131.5	132.2	126.8	134.6	135.2	136.0	146.2	158.4	163.9
Oriental Mindoro	45.0	47.1	43.4	41.2	42.2	40.5	39.1	37.6	34.0	29.9
Palawan	2,973.8	3,486.0	4,353.3	3,671.2	3,077.5	3,103.5	3,326.5	3,369.9	4,493.5	3,538.4
Romblon	21.4	24.7	27.6	38.6	23.1	31.1	21.2	21.3	25.1	26.5
Bicol Region	3,359.2	5,299.7	4,671.0	4,072.6	5,210.1	4,784.2	4,080.1	4,810.9	4,988.5	5,540.0
Albay	110.0	130.5	98.4	82.0	149.0	174.2	267.1	296.4	311.2	279.6
Camarines Norte	553.0	585.9	587.5	405.3	509.6	478.1	528.1	628.6	675.9	617.7
Camarines Sur	1,127.0	1,134.1	1,301.7	658.1	1,377.1	1,163.0	1,166.2	1,160.4	1,152.2	1,097.9
Catanduanes	51.0	150.1	212.1	222.8	195.3	163.9	128.4	133.5	108.2	89.3
Masbate	1,278.0	2,179.6	2,156.2	2,216.6	2,357.2	2,078.8	1,351.9	1,258.4	1,348.5	1,105.0
Sorsogon	240.2	1,119.5	315.1	487.7	622.0	726.2	638.5	1,333.5	1,392.6	2,350.5
Western Visayas	11,158.3	9,545.3	10,026.3	9,993.8	9,382.6	8,928.3	8,139.7	7,873.5	7,448.2	7,287.0
Aklan	239.3	188.1	220.1	212.6	192.7	196.5	166.9	149.8	183.0	209.4
Antique	38.3	55.7	71.2	58.9	47.2	41.5	27.9	30.6	32.9	31.7
Capiz	997.0	1,022.4	997.2	1,473.6	2,051.1	1,722.2	1,846.7	1,719.3	1,609.0	1,479.2
Guimaras	143.5	170.7	233.8	237.8	250.5	219.2	129.6	110.2	115.9	168.9
Iloilo	4,546.0	4,692.5	4,762.6	6,592.0	6,566.7	6,500.1	2,160.8	1,644.8	1,810.4	1,743.5
Negros Occidental	5,194.2	3,415.9	3,741.5	1,419.0	274.4	248.9	3,807.8	4,218.8	3,697.0	3,654.3
Central Visayas	1,161.4	1,303.9	1,557.2	1,599.1	1,427.6	1,420.5	1,187.4	979.5	847.3	729.2
Bohol	317.0	379.4	438.6	476.3	553.6	608.1	505.6	508.8	359.7	308.6
Cebu	782.2	858.0	1,049.4	1,019.7	798.6	748.1	624.8	420.4	450.3	387.0
Negros Oriental	54.9	57.8	57.2	92.9	66.1	54.2	45.7	42.0	26.9	23.6
Siquijor	7.3	8.7	12.1	10.1	9.3	10.1	11.2	8.3	10.4	9.9
Eastern Visayas	5,889.6	6,355.6	4,904.5	3,628.6	3,314.4	2,981.9	2,456.5	2,158.9	2,174.6	2,220.7
Biliran	26.5	17.5	10.8	22.8	8.4	13.1	10.0	13.2	16.1	13.2
Eastern Samar	800.0	623.7	420.6	70.1	110.5	111.8	110.2	120.8	148.6	128.3
Leyte	364.0	450.6	356.3	196.0	91.8	113.2	213.0	178.4	241.9	245.0
Northern Samar	290.8	299.2	329.8	301.6	430.9	343.0	355.0	303.0	277.8	250.3
Southern Leyte	59.8	50.6	41.8	21.5	11.8	10.5	8.9	3.2	0.1	..
Samar	4,348.5	4,913.9	3,745.3	3,016.6	2,661.1	2,390.4	1,759.4	1,540.4	1,490.2	1,584.0
Zamboanga Peninsula	850.7	1,092.7	1,339.7	1,488.1	1,287.3	1,397.0	1,074.8	1,161.3	1,103.0	1,102.7
Zamboanga del Norte	121.8	50.8	75.3	44.7	35.5	12.9	26.5	17.6	41.0	51.2
Zamboanga del Sur	267.9	238.9	463.3	566.4	545.0	605.9	467.8	496.7	489.1	441.4
Zamboanga City	324.2	187.5	197.9	266.5	362.8	377.3	311.7	315.9	316.6	345.8
Zamboanga Sibugay	136.9	615.5	603.1	610.5	343.9	400.9	268.8	331.1	256.3	264.3
Northern Mindanao	915.2	1,009.0	1,050.3	560.1	650.6	552.9	483.3	389.2	420.2	425.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	2.5	3.1	2.0	4.8	7.2	5.3	4.8	4.9	4.4	4.7
Lanao del Norte	469.8	563.2	607.6	280.7	266.1	263.0	267.9	212.0	223.1	252.2
Misamis Occidental	438.4	434.3	436.9	272.3	376.6	283.2	206.3	170.0	176.1	167.0
Misamis Oriental	4.5	8.5	3.8	2.3	0.7	1.5	4.3	2.2	16.6	1.8
Davao Region	65.5	116.2	191.1	83.4	90.8	48.8	107.2	128.5	106.4	91.4
Davao del Norte	28.9	6.0	8.6	16.2	11.5	10.0	8.4	4.9	5.1	12.3
Davao del Sur	10.9	35.2	22.7	0.1	46.2	..	31.2	55.2	44.4	23.7
Davao City	5.1	9.5	8.8	2.3	8.0	5.9	3.5	2.5	2.0	2.2
Davao Oriental	6.4	49.1	135.7	47.2	5.8	13.7	54.4	56.0	46.3	43.5
Compostela Valley	14.1	16.5	15.3	17.7	19.4	19.2	9.7	9.9	8.6	9.8
SOCCSKSARGEN	130.5	66.8	38.7	39.4	48.7	48.6	48.0	43.9	40.9	39.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	70.7	21.5	1.2	4.5	13.7	15.1	17.2	21.7	28.0	26.3
South Cotabato	10.8	8.3	4.5	1.9	1.4	1.9	2.1	2.2	2.2	1.7
Sultan Kudarat	49.1	37.0	33.0	33.1	33.5	31.6	28.7	20.0	10.8	11.4
Caraga	243.6	233.5	346.1	108.3	105.2	137.4	136.5	143.4	168.0	165.1
Agusan del Norte	5.1	0.9	6.0	7.8	7.2	6.7	4.1	4.9	3.3	7.1
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	19.5	25.3	133.1	44.3	61.3	90.1	82.8	84.5	98.8	118.2
Surigao del Sur	219.1	207.3	207.0	56.2	36.7	40.5	49.6	54.0	65.9	39.7
ARMM	322.6	462.8	621.3	407.4	350.4	443.4	421.8	440.2	436.5	474.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	55.0	55.8	65.9	74.7	59.0	60.3	63.5	59.8	56.4	53.7
Sulu	141.4	158.3	163.2	95.0	70.8	69.1	51.8	45.6	43.7	36.5
Tawi-tawi	126.1	248.7	392.2	237.7	220.6	314.0	306.6	334.8	336.5	383.9

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Caesio (Dalagang-bukid)										
PHILIPPINES	**10,178.2**	**11,796.6**	**14,879.4**	**15,046.1**	**17,294.7**	**15,790.0**	**15,457.0**	**15,765.4**	**14,730.5**	**13,371.2**
NCR	..	0.2	..	1.4	0.0	0.5	13.2	14.0	13.8	0.6
Metro Manila	..	0.2	..	1.4	0.0	0.5	13.2	14.0	13.8	0.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	219.6	127.6	13.0	549.5	431.1	155.0	140.2	103.4	128.8	182.0
Ilocos Norte	181.2	88.8	0.5	380.6	290.2	24.2	18.5	16.1	21.2	71.5
Ilocos Sur	13.0	2.0	1.5	91.1	60.0	49.7	69.8	41.9	40.4	50.7
La Union	11.3	28.0	5.0	68.1	61.3	59.9	35.9	36.4	36.7	3.5
Pangasinan	14.0	8.8	6.0	9.6	19.6	21.3	16.0	9.0	30.5	56.3
Cagayan Valley	283.3	263.3	545.4	649.0	698.2	552.6	488.3	499.5	571.9	464.8
Batanes	41.6	..	..	..	..	..	4.1	4.8	8.7	9.3
Cagayan	233.5	252.3	536.9	639.8	687.9	543.6	474.2	484.8	547.2	438.9
Isabela	8.3	11.1	8.5	9.2	10.3	9.0	10.1	9.9	16.0	16.6
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	445.7	254.9	304.0	499.0	2,136.2	1,559.3	1,515.7	1,316.4	906.2	769.2
Aurora	83.9	82.1	51.2	48.6	57.5	56.8	71.2	69.8	74.3	77.4
Bataan	13.0	10.9	7.3	4.8	4.7	8.3	16.4	16.5	15.6	16.3
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	107.5	127.0	138.5	137.1	140.9	130.8	121.3	111.2	114.4	106.3
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	241.3	35.0	107.0	308.6	1,933.1	1,363.4	1,306.8	1,119.0	701.8	569.2
CALABARZON	746.2	704.6	354.5	309.0	256.3	165.1	318.3	253.7	246.1	157.6
Batangas	227.2	128.7	117.5	97.1	155.2	137.4	198.8	174.5	97.3	32.9
Cavite	..	3.2	0.9	..	..	..	..	0.2	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	519.0	572.8	236.0	212.0	101.2	27.7	119.6	79.0	148.8	124.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,810.4	4,351.4	6,047.8	6,303.1	7,086.7	6,890.9	6,448.4	6,428.4	5,815.3	4,797.1
Marinduque	51.7	66.8	60.1	51.0	46.5	47.4	36.1	52.3	51.8	57.0
Occidental Mindoro	121.9	146.1	156.7	155.6	163.0	156.4	146.7	157.3	166.8	169.8
Oriental Mindoro	72.0	73.1	66.5	69.5	64.6	60.3	58.2	54.0	53.5	41.4
Palawan	3,429.7	3,884.4	5,587.8	5,852.5	6,593.5	6,449.7	6,121.7	6,050.5	5,408.6	4,426.5
Romblon	135.2	181.0	176.7	174.5	219.2	177.1	85.7	114.2	134.8	102.4
Bicol Region	760.0	1,343.5	1,266.6	1,309.5	1,268.1	1,268.1	1,426.8	1,434.4	1,448.0	1,127.9
Albay	19.0	26.2	21.0	11.4	24.1	45.2	132.9	203.2	246.5	240.0
Camarines Norte	317.0	369.3	410.5	526.6	517.9	468.8	539.9	580.5	611.1	278.0
Camarines Sur	206.0	224.1	129.0	96.2	106.4	108.2	105.3	105.2	113.6	105.3
Catanduanes	2.0	12.5	11.8	17.2	28.6	15.8	39.1	45.9	45.5	44.6
Masbate	215.0	711.3	676.9	652.7	589.7	628.2	606.6	491.0	431.3	459.9
Sorsogon	1.0	0.1	17.3	5.4	1.4	2.1	3.0	8.5	..	0.1
Western Visayas	299.9	332.0	417.9	376.9	383.1	383.6	413.5	514.7	582.3	566.9
Aklan	68.1	51.2	102.9	100.0	104.0	105.0	99.7	106.8	138.6	164.9
Antique	140.1	171.8	188.0	138.9	131.9	121.4	112.1	118.9	142.6	140.7
Capiz	..	28.9	29.7	0.2	0.3	0.3	0.4	2.9	0.8	2.8
Guimaras	26.1	35.5	64.4	58.2	65.5	40.0	56.9	135.6	96.0	123.8
Iloilo	39.8	18.2	15.2	70.2	69.8	88.2	78.9	71.7	119.6	38.9
Negros Occidental	25.7	26.4	17.7	9.3	11.8	28.8	65.6	78.9	84.8	95.9
Central Visayas	518.5	555.1	628.8	518.8	533.7	515.8	464.1	477.8	388.5	441.4
Bohol	63.0	104.0	102.7	61.7	69.3	55.4	41.8	28.6	18.0	25.6
Cebu	282.1	239.0	311.7	223.8	333.0	337.0	305.5	324.9	250.4	283.3
Negros Oriental	104.5	131.9	141.8	154.1	65.3	58.6	51.7	56.6	50.7	62.1
Siquijor	69.0	80.2	72.7	79.2	66.1	64.9	65.1	67.7	69.4	70.3
Eastern Visayas	750.0	909.5	1,312.3	815.8	673.3	636.9	662.4	627.5	692.3	734.7
Biliran	17.8	10.8	36.3	18.5	18.1	20.5	7.1	5.9	4.1	3.7
Eastern Samar	154.0	254.8	296.9	81.2	60.2	48.5	10.5	13.0	17.7	15.6
Leyte	135.0	153.8	158.6	108.1	80.3	73.9	196.7	107.3	146.2	121.6
Northern Samar	193.0	223.8	261.2	217.6	251.9	284.4	273.9	229.8	242.1	235.5
Southern Leyte	195.2	145.6	138.3	86.8	74.9	64.1	52.2	53.0	31.3	29.5
Samar	55.0	120.6	421.1	303.7	187.8	145.6	122.1	218.5	251.0	329.0
Zamboanga Peninsula	706.5	755.9	1,294.4	1,305.1	1,312.9	1,462.3	1,533.3	1,686.2	1,457.9	1,477.7
Zamboanga del Norte	468.1	240.6	267.9	122.1	5.5	4.8	0.9	3.7	4.3	5.2
Zamboanga del Sur	96.8	256.5	471.4	672.5	725.8	879.0	698.4	726.3	706.9	647.0
Zamboanga City	57.5	89.1	328.0	462.9	506.1	531.0	666.4	749.5	631.1	685.5
Zamboanga Sibugay	84.0	169.8	227.0	47.7	75.6	47.6	167.6	206.8	115.6	140.1
Northern Mindanao	125.0	262.9	350.8	290.3	176.0	177.5	219.5	275.0	274.5	263.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	9.2	18.2	27.9	17.2	25.5	19.3	19.9	36.7	34.3	19.5
Lanao del Norte	10.0	106.2	141.2	234.8	98.9	100.8	153.8	185.9	181.6	173.7
Misamis Occidental	86.0	130.8	176.6	32.6	46.1	47.3	42.3	43.1	46.5	60.2
Misamis Oriental	19.8	7.8	5.2	5.7	5.5	10.1	3.4	9.3	12.2	10.0
Davao Region	416.4	442.9	673.0	421.9	727.8	361.9	235.4	312.1	246.4	234.5
Davao del Norte	15.5	10.8	47.3	23.0	95.0	69.8	42.9	34.5	24.1	16.9
Davao del Sur	123.5	9.0	278.5	215.2	262.9	194.2	42.9	73.3	94.2	55.9
Davao City	24.7	23.0	19.6	19.2	14.4	9.4	6.7	5.9	1.4	3.1
Davao Oriental	192.4	372.5	302.6	131.8	322.1	55.8	115.0	172.2	105.0	133.7
Compostela Valley	60.3	27.6	25.0	32.7	33.4	32.7	28.0	26.1	21.8	24.9
SOCCSKSARGEN	113.7	148.6	72.4	121.3	143.6	89.6	84.3	78.2	71.6	69.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	41.9	83.1	14.2	59.2	82.4	29.8	25.2	14.7	17.2	8.3
South Cotabato	4.4	2.2	2.2	1.9	1.3	2.1	1.2	3.0	4.5	1.0
Sultan Kudarat	67.4	63.3	56.1	60.1	59.9	57.6	58.0	60.6	49.9	60.5
Caraga	149.2	438.9	674.7	633.6	461.6	544.0	525.7	618.9	699.2	793.4
Agusan del Norte	99.7	3.1	7.6	7.5	6.7	5.7	4.2	4.3	7.4	9.4
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	29.5	360.1	634.2	600.9	425.1	521.1	510.6	601.6	668.7	755.2
Surigao del Sur	20.0	75.7	32.9	25.3	29.8	17.2	10.9	13.0	23.1	28.9
ARMM	834.0	905.3	923.9	941.8	1,006.0	1,027.0	968.0	1,125.3	1,187.8	1,290.3
Basilan	14.7	18.9	16.9	19.3	18.1	17.0	15.2	15.3	16.8	17.2
Lanao del Sur	..	25.6	38.7	39.4	39.9	40.9	40.1	182.9	213.5	239.2
Maguindanao	74.4	69.6	96.8	119.6	114.9	61.0	62.9	64.5	61.9	79.5
Sulu	74.4	53.0	51.0	53.1	52.2	52.3	50.9	51.6	54.3	56.6
Tawi-tawi	670.4	738.3	720.5	710.5	780.8	856.0	798.9	810.9	841.3	897.8

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cavalla (Talakitok)										
PHILIPPINES	**17,873.1**	**19,777.9**	**24,583.3**	**22,290.5**	**24,479.9**	**24,887.7**	**25,459.1**	**23,818.3**	**22,283.0**	**23,267.4**
NCR	69.0	42.5	23.0	15.3	36.4	22.6	24.8	38.3	30.2	23.2
Metro Manila	69.0	42.5	23.0	15.3	36.4	22.6	24.8	38.3	30.2	23.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	326.0	387.7	299.4	236.5	155.2	186.0	349.8	567.4	750.8	727.6
Ilocos Norte	65.7	118.8	92.6	73.1	46.5	52.8	134.3	225.9	271.7	145.5
Ilocos Sur	156.9	223.6	84.3	57.1	64.4	60.2	28.0	28.5	28.1	31.6
La Union	82.0	9.4	104.0	98.1	25.2	47.5	2.9	2.3	1.8	3.3
Pangasinan	21.4	35.9	18.5	8.3	19.1	25.5	184.5	310.7	449.3	547.2
Cagayan Valley	335.3	342.3	439.5	394.0	399.9	374.3	440.7	445.5	411.0	372.5
Batanes	4.5	7.8	6.8	9.2	8.9	1.7	6.5	7.1	7.0	13.0
Cagayan	324.8	325.7	422.9	370.3	375.0	357.0	412.6	418.3	382.0	338.0
Isabela	6.0	8.8	9.8	14.6	16.0	15.7	21.6	20.1	22.0	21.5
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	224.1	353.7	319.1	287.4	278.7	314.0	311.4	316.6	357.5	323.1
Aurora	94.1	92.1	59.6	64.7	71.1	73.2	98.9	101.8	107.7	111.2
Bataan	18.7	18.6	19.4	21.5	22.6	23.7	24.1	25.8	29.3	30.6
Bulacan	..	..	5.0	0.4	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	11.4	14.6	28.9	42.9	52.3	55.3	61.1	65.0	70.4	64.5
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	99.9	228.3	206.2	157.9	132.7	161.8	127.3	124.0	150.2	116.9
CALABARZON	488.1	572.1	728.0	724.8	655.5	821.8	977.0	1,149.8	1,281.2	1,005.3
Batangas	191.8	264.9	228.6	125.2	158.2	129.4	88.2	47.6	28.2	123.4
Cavite	8.7	19.3	17.2	30.2	0.5	1.8	..	..	5.0	0.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	287.6	287.8	482.2	569.4	496.8	690.6	888.8	1,102.2	1,248.1	881.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	6,269.0	6,981.2	11,231.4	8,814.0	9,173.9	9,455.5	8,949.6	6,929.1	5,702.0	6,306.7
Marinduque	62.4	69.8	68.5	67.1	78.6	79.7	85.1	75.3	73.0	69.4
Occidental Mindoro	95.1	111.9	125.8	122.4	126.2	123.6	125.1	131.7	141.9	144.2
Oriental Mindoro	151.0	151.8	141.6	136.4	141.2	143.9	129.9	122.0	111.5	90.2
Palawan	5,855.9	6,534.9	10,739.7	8,356.3	8,699.0	9,001.4	8,522.7	6,508.4	5,274.8	5,905.3
Romblon	104.5	112.8	155.8	131.8	128.9	106.9	86.7	91.7	100.7	97.7
Bicol Region	2,640.0	2,778.5	2,369.8	2,136.8	2,288.7	2,311.7	2,451.5	2,530.9	2,112.0	1,571.1
Albay	200.0	187.1	99.2	95.3	154.1	207.5	285.6	350.4	111.8	143.4
Camarines Norte	821.0	886.9	696.3	649.7	709.3	680.0	991.6	1,042.9	1,022.0	486.6
Camarines Sur	329.0	337.2	172.4	268.6	294.6	297.3	287.5	275.1	285.3	268.3
Catanduanes	958.0	994.4	1,055.3	920.2	828.8	757.3	591.5	590.6	443.0	346.1
Masbate	302.0	284.5	284.1	174.1	186.5	187.0	144.3	99.6	67.8	63.1
Sorsogon	30.0	88.5	62.6	29.0	115.4	182.4	151.0	172.2	182.3	263.6
Western Visayas	1,574.8	1,835.6	2,146.4	2,499.6	2,346.1	2,239.9	2,703.1	2,339.4	2,084.7	2,949.7
Aklan	29.9	85.9	95.5	90.6	90.0	90.7	97.8	99.9	119.4	152.2
Antique	172.4	245.6	272.3	519.9	587.1	528.2	358.5	329.6	307.0	270.1
Capiz	73.2	73.8	75.3	43.1	31.7	35.7	42.9	48.3	30.5	25.6
Guimaras	148.3	171.0	231.1	247.5	225.2	116.6	132.2	373.0	395.4	708.6
Iloilo	124.2	160.0	224.5	432.0	467.5	611.8	1,591.7	1,051.5	802.6	1,352.0
Negros Occidental	1,026.8	1,099.3	1,247.7	1,166.5	944.5	857.0	480.1	437.0	429.8	441.1
Central Visayas	285.7	141.9	187.0	248.9	352.4	350.8	407.0	461.7	450.1	433.8
Bohol	99.0	10.1	32.8	56.2	117.8	116.9	99.1	99.8	48.2	22.8
Cebu	97.4	39.5	25.0	76.5	101.4	87.1	158.2	221.4	264.7	243.1
Negros Oriental	38.1	45.4	78.3	52.0	66.0	61.7	64.5	58.3	56.3	82.6
Siquijor	51.2	47.0	50.9	64.2	67.1	85.1	85.2	82.1	81.0	85.4
Eastern Visayas	966.6	988.8	676.2	1,061.7	1,578.3	1,889.4	1,834.8	1,678.4	1,470.0	1,242.7
Biliran	17.1	0.3	..	10.1	14.7	1.7	2.8	2.5	1.3	1.2
Eastern Samar	213.5	203.4	228.1	633.3	938.7	967.7	815.5	766.8	667.6	474.6
Leyte	178.0	190.6	135.3	60.1	70.9	89.0	185.8	114.5	117.3	105.2
Northern Samar	197.0	204.5	239.5	246.8	371.3	425.9	485.0	499.8	520.4	512.6
Southern Leyte	51.0	39.3	44.8	68.1	48.7	40.6	33.6	27.5	22.4	27.0
Samar	310.0	350.8	28.6	43.3	134.0	364.6	312.1	267.4	140.9	122.0
Zamboanga Peninsula	1,810.1	2,221.3	2,758.3	2,494.1	2,970.7	2,471.9	2,805.7	2,975.2	2,766.2	2,835.5
Zamboanga del Norte	901.3	616.7	715.9	429.2	294.9	87.2	28.5	44.8	44.7	32.8
Zamboanga del Sur	352.6	311.3	501.7	611.3	784.9	718.0	644.0	699.8	692.0	662.9
Zamboanga City	278.8	350.3	690.1	836.7	732.6	757.0	1,280.0	1,252.6	1,277.4	1,345.9
Zamboanga Sibugay	277.5	943.0	850.6	616.9	1,158.2	909.8	853.2	978.1	752.1	793.9
Northern Mindanao	366.7	330.1	383.5	477.1	687.6	718.3	850.6	927.5	961.0	1,062.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	9.2	4.7	2.8	5.4	5.6	9.1	18.9	14.3	19.0	10.4
Lanao del Norte	198.6	248.3	311.0	363.1	524.0	556.4	450.6	484.9	503.6	614.4
Misamis Occidental	98.3	66.1	63.3	104.1	149.2	126.4	359.3	379.1	356.6	350.3
Misamis Oriental	60.7	11.1	6.5	4.5	8.9	26.5	21.8	49.3	81.9	87.6
Davao Region	369.2	486.9	371.7	277.2	694.2	636.7	487.3	286.2	285.9	354.4
Davao del Norte	35.5	13.4	27.5	19.4	61.6	53.0	43.0	41.7	36.7	20.8
Davao del Sur	57.3	71.9	49.3	40.9	285.8	218.1	45.2	18.5	35.8	15.4
Davao City	19.9	20.2	21.3	16.7	19.9	27.2	21.6	21.1	19.0	11.2
Davao Oriental	214.2	341.7	235.1	160.0	287.6	306.1	352.8	178.9	171.0	263.7
Compostela Valley	42.2	39.7	38.5	40.1	39.3	32.2	24.8	26.0	23.4	43.4
SOCCSKSARGEN	251.7	199.9	176.2	181.1	185.3	188.7	156.7	152.1	177.0	150.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	105.2	66.5	45.9	51.3	56.9	56.8	23.9	33.1	51.4	8.7
South Cotabato	18.1	10.8	7.4	3.8	4.0	1.9	3.8	4.1	4.5	4.6
Sultan Kudarat	128.4	122.6	122.9	126.0	124.4	130.0	129.1	115.0	121.1	137.0
Caraga	287.2	536.9	744.0	516.8	551.7	700.3	654.7	839.0	1,056.4	1,198.5
Agusan del Norte	13.5	27.1	20.2	17.1	13.5	13.2	12.9	9.5	18.8	33.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	252.8	229.7	495.5	234.2	229.1	409.9	355.1	537.6	606.5	699.0
Surigao del Sur	20.9	280.1	228.3	265.6	309.2	277.2	286.8	291.9	431.1	466.0
ARMM	1,609.6	1,578.4	1,730.0	1,925.1	2,125.6	2,205.9	2,054.4	2,181.4	2,387.0	2,710.4
Basilan	113.0	125.2	135.6	151.6	154.8	153.2	136.9	152.2	163.3	171.3
Lanao del Sur	353.8	361.1	380.1	383.8	396.6	399.2	393.2	432.8	499.2	609.8
Maguindanao	327.0	328.1	386.1	370.5	399.0	392.2	400.3	407.2	405.2	393.8
Sulu	139.7	140.9	134.1	187.7	189.5	193.8	200.1	203.2	216.0	229.2
Tawi-tawi	676.1	623.1	694.1	831.4	985.6	1,067.5	923.8	986.0	1,103.3	1,306.4

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Crevalle (Salay-salay)										
PHILIPPINES	**26,508.9**	**26,431.9**	**29,727.6**	**29,839.7**	**31,432.6**	**27,173.8**	**27,594.3**	**27,319.6**	**26,054.7**	**24,118.8**
NCR	30.2	63.5	29.0	80.5	83.6	31.5	38.9	44.3	47.2	54.5
Metro Manila	30.2	63.5	29.0	80.5	83.6	31.5	38.9	44.3	47.2	54.5
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	255.4	260.3	472.5	397.3	215.3	74.5	11.7	41.5	29.2	47.9
Ilocos Norte	..	..	..	..	..	..	..	..	..	0.6
Ilocos Sur	2.7	0.1	3.2	1.0	2.1	1.8	0.4	0.6	1.1	1.3
La Union	243.7	239.8	452.2	394.4	210.9	68.7	7.6	12.2	12.4	30.4
Pangasinan	9.0	20.4	17.1	1.9	2.3	4.0	3.7	28.7	15.6	15.7
Cagayan Valley	8.8	22.5	31.9	94.6	118.3	122.1	128.1	177.9	235.6	227.7
Batanes	..	..	..	..	..	..	..	..	8.3	13.8
Cagayan	5.8	17.5	28.4	87.1	110.8	114.0	116.6	167.2	214.7	201.5
Isabela	3.0	5.0	3.6	7.5	7.5	8.2	11.4	10.7	12.6	12.4
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	468.9	599.9	592.4	448.0	465.2	494.2	498.6	520.1	553.4	545.3
Aurora	70.3	69.6	49.6	50.7	60.0	53.2	42.6	42.5	44.4	43.9
Bataan	270.1	281.6	304.2	287.7	298.6	306.6	310.9	320.9	338.1	331.4
Bulacan	2.3	5.3	0.1	0.2	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	33.9	41.2	55.2	72.7	76.4	81.1	94.9	106.4	115.9	109.3
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	92.3	202.3	183.3	36.8	30.3	53.3	50.2	50.3	55.0	60.8
CALABARZON	112.8	147.7	334.5	464.0	201.8	404.6	336.2	247.8	328.9	399.5
Batangas	..	4.7	..	..	..	..	..	..	..	6.5
Cavite	73.6	56.5	74.3	131.5	104.1	145.8	64.8	31.1	11.2	50.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	39.2	86.5	260.2	332.6	97.8	258.8	271.4	216.7	317.7	342.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	12,310.6	11,457.9	13,234.4	11,941.6	13,541.4	10,238.3	8,472.6	7,676.5	7,567.0	7,100.1
Marinduque	97.4	100.9	102.9	111.2	105.1	114.4	114.7	138.3	143.0	153.9
Occidental Mindoro	99.9	102.6	108.6	101.7	112.4	111.7	120.6	124.4	135.3	137.0
Oriental Mindoro	80.0	93.8	96.6	108.4	102.7	94.8	96.2	88.4	91.4	27.2
Palawan	11,982.5	11,100.0	12,858.6	11,508.3	13,125.1	9,803.5	8,058.5	7,245.9	7,103.2	6,671.1
Romblon	50.8	60.7	67.7	112.0	96.1	113.9	82.6	79.5	94.0	111.0
Bicol Region	5,368.5	6,075.7	6,323.6	6,132.1	6,099.3	6,005.3	7,227.1	6,742.7	6,959.6	5,403.3
Albay	233.0	194.5	189.6	193.6	365.9	470.6	428.0	417.1	281.7	357.0
Camarines Norte	528.0	566.1	573.5	597.6	692.6	661.3	935.5	964.6	962.2	378.1
Camarines Sur	294.0	366.7	442.2	416.9	255.5	314.0	306.1	251.2	256.3	240.9
Catanduanes	49.0	58.7	79.9	141.2	215.2	229.8	219.6	224.0	222.7	178.1
Masbate	4,046.0	4,170.5	4,733.2	4,617.0	4,437.9	4,223.4	5,053.1	4,569.1	4,860.4	3,856.7
Sorsogon	218.5	719.3	305.2	165.9	132.2	106.1	284.7	316.8	376.3	392.6
Western Visayas	2,793.5	3,181.7	3,145.4	2,447.0	2,475.3	2,449.3	3,851.9	4,268.5	3,671.5	3,325.1
Aklan	207.8	354.2	275.0	232.2	248.7	226.3	228.9	255.0	312.5	358.5
Antique	37.0	44.4	71.1	45.9	41.1	28.8	39.2	36.3	46.5	39.6
Capiz	63.6	382.6	382.2	252.2	321.4	333.6	614.1	743.3	660.9	894.2
Guimaras	54.0	47.0	22.8	25.9	25.5	216.2	124.2	53.3	35.4	9.2
Iloilo	2,210.4	2,099.4	1,969.0	1,787.3	1,735.1	1,586.8	2,613.7	2,705.9	2,294.9	1,649.6
Negros Occidental	220.7	254.1	425.3	103.5	103.6	57.5	231.9	474.6	321.3	374.1
Central Visayas	727.1	643.7	517.5	553.4	581.4	476.8	534.3	472.6	289.7	298.8
Bohol	282.0	337.5	270.1	304.8	305.0	199.0	181.5	141.4	114.7	116.0
Cebu	418.3	290.0	232.3	224.7	258.4	259.3	331.7	309.2	141.6	165.8
Negros Oriental	16.3	9.2	7.5	16.6	12.8	13.7	16.2	17.5	29.7	13.8
Siquijor	10.6	7.0	7.6	7.3	5.2	4.8	5.0	4.5	3.8	3.2
Eastern Visayas	805.0	912.8	917.7	1,137.4	1,486.0	1,405.0	1,761.4	1,527.4	1,301.8	1,538.6
Biliran	21.1	13.7	22.3	10.1	16.4	3.4	1.9	7.4	9.7	11.3
Eastern Samar	47.5	39.7	56.7	13.7	..	..	..	..	..	..
Leyte	196.0	173.9	135.6	24.0	44.1	56.8	172.2	124.1	123.2	108.0
Northern Samar	64.2	109.7	94.7	132.8	362.5	478.4	493.6	507.2	480.6	446.3
Southern Leyte	129.4	171.3	182.8	257.8	98.0	81.6	59.5	0.7	0.5	0.5
Samar	346.9	404.6	425.7	699.0	965.0	784.8	1,034.3	887.9	687.7	972.4
Zamboanga Peninsula	1,846.5	1,075.0	1,892.0	3,684.8	3,378.7	2,862.1	2,249.6	2,345.3	2,200.4	2,231.7
Zamboanga del Norte	257.9	144.7	114.3	69.2	22.7	7.0	12.7	7.0	4.2	4.8
Zamboanga del Sur	207.3	357.9	707.0	943.1	837.4	690.3	649.0	690.5	763.8	738.1
Zamboanga City	83.5	32.0	417.5	671.4	950.4	903.9	668.7	593.6	485.0	599.1
Zamboanga Sibugay	1,297.8	540.4	653.2	2,001.1	1,568.2	1,261.0	919.3	1,054.2	947.5	889.7
Northern Mindanao	36.2	194.4	317.3	613.2	619.5	516.5	414.1	518.3	621.1	574.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	2.6	1.5	0.7	..	..	..	..	..	..	..
Lanao del Norte	5.7	68.2	226.1	377.7	361.1	262.9	264.1	349.0	348.0	374.3
Misamis Occidental	12.0	62.5	56.0	225.0	211.1	209.8	122.3	113.2	160.8	158.4
Misamis Oriental	15.9	62.2	34.5	10.5	47.3	43.8	27.7	56.2	112.2	41.6
Davao Region	193.7	156.4	166.4	234.4	459.3	374.6	268.3	551.2	371.3	232.4
Davao del Norte	2.1	7.9	6.5	4.9	47.1	35.3	31.9	18.3	13.4	19.0
Davao del Sur	..	..	6.7	..	29.8	15.6	5.0	389.8	257.0	57.2
Davao City	5.2	0.6	..	3.1	..	..	..	..	..	..
Davao Oriental	159.9	112.0	118.1	184.0	338.4	276.8	209.3	117.7	76.5	119.4
Compostela Valley	26.5	35.9	35.0	42.5	44.0	47.0	22.1	25.5	24.3	36.8
SOCCSKSARGEN	52.9	28.3	30.3	75.5	58.5	72.7	48.8	56.5	42.9	33.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	9.4	..	1.3	42.3	25.6	38.8	15.1	7.6	6.6	5.8
South Cotabato	18.4	2.1	2.1	1.9	1.9	1.6	1.7	2.6	2.9	0.6
Sultan Kudarat	25.1	26.2	26.9	31.2	30.9	32.3	32.1	46.4	33.4	27.4
Caraga	311.7	243.0	151.4	183.9	248.6	275.7	276.9	426.7	339.0	482.2
Agusan del Norte	13.6	10.9	14.7	10.5	12.2	11.1	7.1	7.9	10.8	8.9
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	288.8	223.8	126.1	163.8	224.6	259.2	260.8	408.8	304.4	413.2
Surigao del Sur	9.3	8.2	10.6	9.6	11.9	5.5	9.1	10.0	23.9	60.0
ARMM	1,187.2	1,369.0	1,571.3	1,352.0	1,400.4	1,370.7	1,475.7	1,702.5	1,496.2	1,623.7
Basilan	79.0	83.7	74.7	79.6	82.7	82.9	78.2	98.3	102.2	108.3
Lanao del Sur	518.1	485.9	504.3	507.3	514.8	515.3	512.5	697.5	576.6	664.8
Maguindanao	14.2	..	..	..	..	..	..	..	..	7.5
Sulu	72.7	34.4	25.9	26.4	26.1	25.5	25.4	26.5	26.9	29.0
Tawi-tawi	503.2	765.1	966.5	738.7	776.8	747.0	859.6	880.1	790.5	814.0

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Eastern little tuna (Bonito)										
PHILIPPINES	**25,937.2**	**25,369.6**	**16,489.0**	**15,338.5**	**15,134.1**	**14,908.3**	**14,156.4**	**13,921.6**	**14,529.0**	**14,486.8**
NCR	..	..	..	..	..	0.3	..	0.6	..	3.8
Metro Manila	..	..	..	..	..	0.3	..	0.6	..	3.8
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	94.4	146.8	91.4	225.5	85.3	414.1	186.7	90.4	131.3	121.1
Ilocos Norte	38.9	81.3	8.8	17.0	78.2	64.1	34.2	23.2	67.4	50.9
Ilocos Sur	3.8	0.2	..	..	..	..	..	..	..	3.6
La Union	46.3	59.1	77.8	206.3	6.2	13.1	5.8	8.7	7.6	4.0
Pangasinan	5.4	6.2	4.8	2.2	0.8	337.0	146.8	58.5	56.3	62.5
Cagayan Valley	17.7	28.8	110.4	485.0	581.5	502.4	519.8	528.2	595.4	492.5
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	17.7	28.8	110.4	485.0	579.3	498.8	515.3	523.9	589.8	487.2
Isabela	..	..	..	..	2.2	3.6	4.5	4.4	5.6	5.4
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	77.7	119.1	264.0	93.8	187.4	120.0	97.4	99.0	99.5	113.5
Aurora	19.7	21.2	16.4	9.8	10.6	10.1	10.2	10.4	11.8	13.3
Bataan	25.4	25.5	31.2	27.4	26.7	26.7	45.3	46.7	46.8	45.3
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	32.6	72.4	216.4	56.5	150.2	83.3	41.9	41.9	40.9	54.9
CALABARZON	0.1	80.6	167.9	63.4	0.9	0.7	..	2.1	..	31.8
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	1.4	..	..	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	0.1	79.1	167.9	63.4	0.9	0.7	..	2.1	..	31.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	7,453.2	6,587.3	5,733.3	3,827.4	3,358.6	4,237.3	3,536.1	2,464.2	2,963.9	2,546.0
Marinduque	7.6	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	110.5	170.1	167.0	161.4	172.4	180.7	188.7
Oriental Mindoro	20.0	27.3	24.2	23.3	28.6	28.8	27.1	30.1	33.0	37.1
Palawan	7,298.3	6,451.0	5,576.2	3,327.1	2,825.7	3,772.5	3,077.3	2,057.0	2,537.2	2,015.3
Romblon	127.3	109.0	132.9	366.5	334.2	269.0	270.3	204.7	213.0	304.8
Bicol Region	453.0	430.4	436.3	999.1	1,023.1	955.3	1,158.0	1,392.0	1,451.1	1,165.2
Albay	..	..	80.2	196.2	152.1	172.2	267.6	253.0	281.0	255.6
Camarines Norte	392.0	242.9	167.1	190.1	198.3	185.7	33.9	67.3	71.8	1.9
Camarines Sur	9.0	14.0	6.9	376.4	282.2	268.4	256.1	240.5	220.8	208.0
Catanduanes	52.0	70.3	67.6	60.0	144.1	95.0	125.0	136.4	110.4	84.7
Masbate	..	98.8	114.4	176.4	246.4	233.9	472.6	694.8	767.1	614.9
Sorsogon	..	4.6	..	..	..	..	2.8	..	..	..
Western Visayas	3,956.9	5,953.8	679.1	1,860.0	1,793.9	1,781.7	919.8	1,485.6	1,081.1	1,273.3
Aklan	130.7	264.7	239.6	237.5	297.7	301.5	293.0	309.2	330.9	342.4
Antique	2,231.8	1,467.2	197.2	158.0	113.1	67.8	91.0	94.8	93.8	87.1
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	64.9	30.5	6.2	7.0	9.9	10.2	8.8	17.0	7.3	3.0
Iloilo	1,413.2	4,007.9	89.7	349.8	17.9	18.5	53.1	37.5	42.1	147.9
Negros Occidental	116.3	183.5	146.4	1,107.7	1,355.4	1,383.8	473.8	1,027.1	607.1	693.0
Central Visayas	548.1	605.8	791.1	704.2	560.9	524.0	451.9	434.4	459.1	379.2
Bohol	152.0	18.1	31.1	13.5	36.8	19.2	12.7	9.4	9.9	10.8
Cebu	54.8	230.9	401.6	318.1	119.6	181.7	137.2	134.9	169.5	105.0
Negros Oriental	299.6	310.4	322.2	324.4	279.2	228.6	200.8	187.2	174.2	174.4
Siquijor	41.6	46.4	36.3	48.2	125.3	94.5	101.2	102.9	105.6	88.9
Eastern Visayas	1,059.8	921.5	1,234.4	1,220.5	1,126.2	969.9	959.8	757.5	704.7	731.6
Biliran	16.6	0.2	..	21.1	1.6	5.5	4.0	3.1	2.3	2.1
Eastern Samar	350.5	283.6	257.3	38.1	6.7	3.1	3.7	4.1	1.9	0.5
Leyte	59.0	43.7	54.4	32.7	19.5	38.5	13.4	35.8	5.2	..
Northern Samar	398.6	387.1	633.1	501.3	542.0	411.7	388.5	361.3	357.2	357.1
Southern Leyte	235.1	207.0	236.0	590.3	556.4	511.1	550.1	353.2	334.9	287.7
Samar	..	..	53.6	37.0	..	..	..	..	3.2	84.2
Zamboanga Peninsula	7,020.9	5,665.7	3,010.5	2,510.5	2,468.0	1,574.1	2,923.4	3,201.1	3,460.8	3,486.7
Zamboanga del Norte	6,097.9	4,530.5	1,826.5	1,264.4	663.2	349.4	689.9	713.1	243.3	183.6
Zamboanga del Sur	665.1	620.6	946.8	1,225.0	1,734.2	1,198.0	1,898.0	2,036.3	2,396.9	2,390.6
Zamboanga City	245.7	415.8	95.1	..	..	..	166.4	333.6	697.2	783.4
Zamboanga Sibugay	12.2	98.8	142.1	21.2	70.7	26.8	169.0	118.2	123.4	129.2
Northern Mindanao	763.3	877.4	844.5	607.7	611.1	588.0	379.5	308.6	339.1	375.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	9.1	18.5	9.1	29.3	49.6	26.3	26.7	38.6	32.5	58.8
Lanao del Norte	65.0	155.1	126.0	263.9	455.5	391.3	286.2	213.8	241.4	269.5
Misamis Occidental	541.0	584.1	641.7	278.6	86.4	140.4	27.6	26.9	35.5	36.2
Misamis Oriental	148.1	119.7	67.7	35.8	19.7	30.0	39.1	29.3	29.7	10.8
Davao Region	96.8	259.7	327.5	310.7	393.1	287.2	112.0	139.0	162.9	377.6
Davao del Norte	..	..	..	..	..	..	5.6	..	..	..
Davao del Sur	..	..	..	..	55.5	..	..	..	1.1	..
Davao City	0.7	..	..	..	..	..	..	..	..	..
Davao Oriental	25.8	203.2	271.5	263.4	292.2	251.6	98.8	130.9	153.5	371.8
Compostela Valley	70.3	56.5	56.0	47.3	45.4	35.6	7.6	8.0	8.3	5.8
SOCCSKSARGEN	2,061.6	1,465.2	344.0	103.1	164.2	229.5	145.7	187.3	165.5	85.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1,821.4	1,300.1	277.6	26.7	85.5	138.9	81.6	70.1	37.5	21.0
South Cotabato	175.7	102.5	4.7	1.8	3.9	3.6	5.8	15.3	8.0	..
Sultan Kudarat	64.5	62.7	61.8	74.7	74.8	87.1	58.3	102.0	120.1	64.2
Caraga	915.5	415.8	272.1	244.5	325.0	323.7	223.2	227.5	224.5	236.9
Agusan del Norte	161.7	11.4	7.5	24.9	121.6	93.2	60.3	33.9	24.3	17.6
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	26.5	24.8	47.2	49.7	54.0	87.1	77.6	110.9	147.9	176.2
Surigao del Sur	727.4	379.5	217.3	169.9	149.4	143.4	85.3	82.8	52.3	43.1
ARMM	1,418.5	1,811.8	2,182.6	2,083.4	2,455.1	2,400.3	2,543.3	2,604.0	2,690.3	3,067.2
Basilan	68.6	98.5	190.0	201.4	213.1	219.1	225.5	234.7	253.3	275.3
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	69.4	35.4	35.6	36.9	40.4	..	..	..	..	45.7
Sulu	612.4	828.0	902.1	997.2	1,227.2	1,233.5	1,291.2	1,316.0	1,326.0	1,422.0
Tawi-tawi	668.1	850.0	1,054.9	847.9	974.3	947.6	1,026.5	1,053.3	1,111.0	1,324.3

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Fimbriated sardines (Tunsoy)										
PHILIPPINES	**41,257.9**	**48,306.0**	**61,513.8**	**61,956.9**	**52,839.4**	**47,124.1**	**47,088.0**	**41,356.0**	**39,984.5**	**40,728.0**
NCR	1,257.9	239.1	34.9	51.7	233.2	458.1	1,739.2	1,879.6	2,077.9	1,318.0
Metro Manila	1,257.9	239.1	34.9	51.7	233.2	458.1	1,739.2	1,879.6	2,077.9	1,318.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	197.3	114.5	137.8	44.1	36.0	50.3	51.6	52.6	56.0	39.9
Ilocos Norte	89.2	11.0	70.7	2.4	22.8	26.9	29.0	32.4	31.0	20.8
Ilocos Sur	2.8	3.5	0.2	0.3	0.3	0.3	11.3	11.1	16.1	10.5
La Union	105.4	100.0	67.0	41.1	12.5	23.1	11.4	9.2	8.9	8.5
Pangasinan	..	..	..	0.3	0.4	..	..	..	..	..
Cagayan Valley	117.7	131.5	232.1	354.2	389.9	419.5	410.2	476.7	411.1	446.2
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	112.7	124.2	229.0	352.5	386.8	417.3	407.2	472.9	405.5	440.5
Isabela	5.0	7.2	3.1	1.7	3.1	2.2	3.0	3.8	5.6	5.7
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	297.9	353.2	391.4	350.0	350.7	398.8	451.7	446.3	455.8	459.6
Aurora	59.9	47.4	29.5	24.2	26.4	22.4	21.8	20.9	21.8	21.7
Bataan	220.0	286.0	311.1	301.2	322.1	374.0	429.9	425.4	434.0	420.9
Bulacan	18.0	18.6	29.4	21.9	..	..	..	..	..	17.0
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	1.1	21.4	2.7	2.2	2.4	..	..	..	..
CALABARZON	417.4	1,639.3	2,106.1	2,757.1	3,168.7	1,415.2	1,790.9	1,646.5	1,277.0	654.4
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	267.1	234.0	119.7	72.6	100.9	170.0	580.9	597.7	437.4	206.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	150.4	1,405.3	1,986.4	2,684.5	3,067.9	1,245.3	1,210.0	1,048.8	839.6	447.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	10,220.2	9,680.5	7,648.6	6,782.2	5,404.5	6,083.8	6,825.2	3,745.7	3,080.0	3,694.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	173.5	173.4	189.4	184.7	182.6	180.6	166.4	176.6	189.6	191.2
Oriental Mindoro	295.0	320.1	302.0	305.9	302.2	282.1	300.5	350.8	366.7	422.1
Palawan	9,547.7	9,050.0	6,901.6	6,003.9	4,660.7	5,417.6	6,220.1	3,120.6	2,378.2	2,960.4
Romblon	204.0	137.0	255.6	287.7	259.1	203.6	138.2	97.7	145.4	121.0
Bicol Region	6,004.8	8,871.0	17,222.2	19,320.8	13,472.5	10,487.1	10,107.0	9,602.5	9,516.0	9,078.2
Albay	80.0	135.9	124.9	386.3	316.4	253.2	305.2	335.8	366.6	319.9
Camarines Norte	732.0	444.7	428.4	448.7	512.2	499.7	564.4	631.2	610.6	619.1
Camarines Sur	526.0	988.9	1,037.0	1,398.2	1,845.0	2,029.8	2,029.6	2,121.3	2,151.5	2,094.4
Catanduanes	33.0	32.1	36.6	15.2	107.3	109.6	94.2	97.1	91.5	71.9
Masbate	1,358.0	1,743.8	1,666.9	1,651.0	1,406.8	1,326.0	1,614.9	1,892.6	2,038.6	1,557.2
Sorsogon	3,275.8	5,525.6	13,928.3	15,421.5	9,284.8	6,268.7	5,498.8	4,524.5	4,257.2	4,415.7
Western Visayas	4,059.3	7,627.5	7,424.6	9,503.2	10,264.0	9,516.0	8,431.5	6,841.0	7,361.7	8,493.7
Aklan	123.4	186.7	235.8	226.5	210.9	197.9	204.3	211.6	227.4	251.0
Antique	0.8	0.9	1.1	1.7	1.6	1.9	2.0	1.9	1.9	2.2
Capiz	655.2	589.5	600.8	203.9	93.4	138.0	447.9	371.4	392.3	443.1
Guimaras	211.4	280.5	247.7	214.6	416.6	573.3	592.7	524.5	616.5	732.9
Iloilo	2,332.2	5,144.5	5,161.1	7,377.3	8,386.6	7,218.9	4,648.8	2,682.2	3,263.0	4,042.6
Negros Occidental	736.3	1,425.3	1,178.1	1,479.2	1,154.9	1,386.0	2,535.8	3,049.3	2,860.7	3,022.0
Central Visayas	2,669.0	3,043.1	2,540.6	3,098.9	1,899.8	1,652.7	1,337.5	1,347.6	1,202.0	1,168.5
Bohol	220.0	148.2	314.8	317.9	74.2	47.8	126.6	111.6	127.9	170.7
Cebu	1,232.2	1,880.7	1,379.6	1,727.9	1,047.1	900.7	573.3	621.9	544.5	477.4
Negros Oriental	1,183.3	995.1	826.2	1,025.6	749.9	663.0	592.7	572.3	491.9	476.6
Siquijor	33.4	19.1	20.0	27.6	28.5	41.3	45.0	41.7	37.7	43.8
Eastern Visayas	2,491.3	2,646.7	2,690.5	3,161.6	2,747.1	2,775.9	3,235.1	2,801.9	2,652.7	3,095.1
Biliran	40.7	..	..	..	0.2	0.1	..	..	..	..
Eastern Samar	365.0	328.2	184.1	11.3	..	..	..	..	..	0.2
Leyte	470.0	443.2	354.5	203.0	125.0	105.0	65.0	198.5	191.2	238.8
Northern Samar	258.8	328.7	322.8	1,049.8	538.1	524.1	584.0	654.9	668.2	698.0
Southern Leyte	467.7	483.4	512.3	821.2	853.9	760.0	597.2	489.6	573.9	597.6
Samar	889.1	1,063.3	1,316.9	1,076.3	1,230.0	1,386.7	1,988.9	1,458.9	1,219.3	1,560.5
Zamboanga Peninsula	8,178.0	8,449.5	15,266.5	10,860.8	8,835.0	7,439.7	6,656.8	6,419.7	5,899.3	5,560.8
Zamboanga del Norte	4,672.4	5,542.9	5,680.3	4,451.7	5,121.8	5,082.6	5,424.8	5,318.7	4,992.9	4,643.3
Zamboanga del Sur	744.1	1,066.3	633.5	392.7	..	..	7.1	..	..	5.8
Zamboanga City	2,738.7	1,734.6	8,792.3	5,960.7	3,581.7	1,984.1	1,103.9	980.8	807.9	783.2
Zamboanga Sibugay	22.9	105.8	160.4	55.7	131.5	373.0	121.0	120.2	98.5	128.5
Northern Mindanao	289.2	536.7	422.4	341.9	393.1	693.1	337.3	377.2	391.2	595.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	6.4	66.2	39.5	5.9	9.3	15.4	4.7	8.8	9.2	6.0
Lanao del Norte	1.4	18.1	38.4	139.2	15.1	10.4	..	..	..	..
Misamis Occidental	271.1	262.3	312.9	177.4	341.3	650.9	287.1	347.2	369.0	585.6
Misamis Oriental	10.4	190.1	31.6	19.5	27.4	16.4	45.5	21.2	13.0	3.8
Davao Region	487.0	857.4	543.2	387.1	527.0	383.1	226.4	189.2	146.6	185.1
Davao del Norte	132.8	361.3	105.2	30.5	111.8	35.4	29.5	7.6	3.5	41.9
Davao del Sur	2.1	..	..	..	..	..	..	..	..	..
Davao City	2.3	..	..	..	..	..	..	..	..	..
Davao Oriental	..	37.4	..	1.5	24.4	86.0	..	..	..	29.6
Compostela Valley	349.8	458.7	438.0	355.1	390.8	261.7	197.0	181.5	143.1	113.6
SOCCSKSARGEN	943.2	545.6	202.7	80.0	252.7	146.9	198.4	84.3	54.6	830.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	706.3	320.8	160.5	42.6	168.6	99.8	168.0	55.2	28.8	462.8
South Cotabato	210.1	203.4	22.9	17.5	63.8	27.5	11.1	12.3	11.8	354.1
Sultan Kudarat	26.8	21.4	19.3	19.9	20.4	19.6	19.4	16.8	14.0	13.3
Caraga	1,186.2	923.6	1,698.3	1,540.5	1,295.5	1,497.6	1,715.3	1,286.0	1,292.7	1,381.5
Agusan del Norte	196.8	65.0	131.2	208.9	134.4	103.8	64.8	52.5	31.4	28.4
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	952.9	794.3	1,449.1	1,229.0	1,069.5	1,339.9	1,588.4	1,179.2	1,200.2	1,311.6
Surigao del Sur	36.5	64.3	118.0	102.7	91.6	54.0	62.2	54.4	61.1	41.5
ARMM	2,441.6	2,646.8	2,951.8	3,322.9	3,569.8	3,706.3	3,573.8	4,159.2	4,110.0	3,726.9
Basilan	694.0	870.6	997.7	1,127.8	1,215.8	1,257.6	1,153.1	1,119.7	1,100.7	1,122.0
Lanao del Sur	875.3	904.3	898.9	900.9	919.9	931.0	917.3	1,363.3	1,421.2	1,023.6
Maguindanao	6.6	14.4	27.3	..	..	..	..	..	..	..
Sulu	204.2	196.6	207.5	266.1	260.2	257.9	255.4	257.4	260.0	265.3
Tawi-tawi	661.5	661.0	820.4	1,028.1	1,173.9	1,259.8	1,248.1	1,418.9	1,328.0	1,316.0

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Flying fish (Bolador)										
PHILIPPINES	**22,071.3**	**21,995.0**	**23,107.3**	**19,622.7**	**19,626.3**	**18,614.3**	**18,217.9**	**17,491.3**	**16,989.0**	**15,516.7**
NCR	2.5	7.3	0.9	..	..	..	..	..	..	..
Metro Manila	2.5	7.3	0.9	..	..	..	..	..	..	..
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	468.7	435.1	196.0	319.6	450.5	538.3	922.5	892.0	821.5	1,077.3
Ilocos Norte	144.9	213.1	102.8	74.1	268.1	282.8	264.2	284.3	213.5	435.9
Ilocos Sur	188.2	29.0	0.9	3.3	7.3	10.0	13.7	37.2	36.3	31.5
La Union	49.6	38.9	33.6	20.2	17.9	16.4	2.0	1.8	2.3	4.1
Pangasinan	86.0	154.2	58.7	222.1	157.3	229.0	642.6	568.6	569.4	605.8
Cagayan Valley	269.3	391.5	341.9	484.5	447.1	822.1	758.8	810.7	731.3	533.6
Batanes	206.5	323.4	222.3	296.2	284.6	674.0	605.9	588.0	525.3	326.3
Cagayan	59.0	63.1	105.7	158.4	128.9	112.1	104.4	175.1	148.0	150.0
Isabela	3.8	5.1	14.0	29.9	33.5	36.1	48.5	47.7	58.0	57.4
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	181.6	412.7	400.0	253.5	336.6	245.9	337.5	402.1	430.6	391.0
Aurora	122.7	115.6	85.2	99.7	119.1	103.2	72.3	69.5	70.9	70.3
Bataan	10.6	9.0	10.5	8.1	8.4	9.5	14.7	11.4	13.2	12.1
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	48.4	288.2	304.2	145.7	209.1	133.3	250.5	321.2	346.5	308.5
CALABARZON	1,520.4	1,417.3	1,532.3	792.4	408.2	245.2	875.9	475.9	495.0	230.6
Batangas	1,509.1	1,336.3	1,286.7	549.7	407.0	243.4	728.5	335.9	279.3	224.0
Cavite	..	..	..	..	..	..	..	1.8	1.6	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	11.3	81.0	245.6	242.7	1.2	1.8	147.4	138.2	214.1	6.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,904.5	2,035.7	2,362.8	2,158.8	1,616.4	1,285.3	1,068.8	1,156.9	911.2	1,008.6
Marinduque	304.6	404.5	433.6	448.6	438.1	445.4	405.4	407.1	371.5	354.9
Occidental Mindoro	168.1	168.1	168.8	164.2	152.3	143.2	146.3	151.1	158.5	159.1
Oriental Mindoro	350.0	322.3	277.9	281.9	244.0	240.6	189.8	186.3	197.4	201.5
Palawan	817.9	847.7	1,274.5	1,153.5	689.3	427.0	309.1	401.0	177.9	286.3
Romblon	263.9	293.2	208.1	110.5	92.7	29.1	18.2	11.5	5.9	6.8
Bicol Region	4,637.5	4,448.5	3,964.9	3,499.8	2,979.8	3,003.2	2,941.6	2,718.1	2,967.8	2,203.4
Albay	72.0	93.6	91.8	51.7	133.6	164.7	155.6	45.8	..	2.9
Camarines Norte	216.0	191.8	251.1	161.0	167.4	151.5	86.4	91.3	97.5	15.3
Camarines Sur	13.0	14.5	7.0	37.2	86.1	97.0	97.1	91.7	91.2	80.5
Catanduanes	1,100.0	1,167.6	931.3	1,002.7	282.7	233.1	224.5	221.3	202.8	161.7
Masbate	3,192.0	2,952.6	2,670.0	2,147.5	2,109.9	2,081.4	2,076.3	1,968.0	2,288.4	1,681.7
Sorsogon	44.5	28.5	13.6	99.8	200.2	275.5	301.7	300.1	287.8	261.3
Western Visayas	774.5	912.3	1,025.3	1,654.7	2,622.6	1,840.7	1,009.4	1,119.2	1,186.9	1,190.9
Aklan	36.5	27.2	27.5	20.3	20.5	18.6	16.8	27.6	32.1	38.8
Antique	72.1	84.6	82.1	55.8	72.3	135.4	125.9	142.4	160.4	137.1
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	20.7	30.8	17.1	28.9	24.3	26.5	7.9	12.4	18.8	21.6
Iloilo	..	..	43.7	42.5	437.0	..	..	10.8	..	..
Negros Occidental	645.2	769.7	854.9	1,507.2	2,068.5	1,660.2	858.9	926.0	975.6	993.5
Central Visayas	1,744.0	1,555.3	1,831.9	1,546.1	1,768.9	2,232.7	2,061.6	1,787.9	1,593.8	1,160.8
Bohol	699.0	720.4	900.0	787.7	716.0	758.5	553.9	461.7	476.1	319.5
Cebu	631.3	385.3	395.4	286.1	240.4	351.9	373.4	392.5	341.3	230.2
Negros Oriental	88.5	108.5	136.4	86.7	336.0	601.4	626.6	453.0	292.7	104.3
Siquijor	325.2	341.1	400.0	385.8	476.5	521.0	507.7	480.7	483.7	506.8
Eastern Visayas	939.9	1,423.0	2,459.2	1,189.5	1,226.2	1,321.7	1,162.2	1,291.2	1,137.0	1,143.7
Biliran	17.0	10.3	58.0	25.4	26.1	9.9	3.5	4.2	4.5	4.5
Eastern Samar	399.5	380.3	454.8	192.8	216.2	169.8	150.9	242.9	185.8	164.5
Leyte	200.0	305.2	281.7	85.6	15.4	9.0	41.7	22.9	74.5	101.1
Northern Samar	106.5	88.1	101.3	208.9	458.6	572.3	605.7	585.3	560.9	584.9
Southern Leyte	117.0	589.1	1,563.3	676.8	510.0	560.7	360.4	436.0	311.4	288.7
Samar	100.0	50.0	..	..	..	..	..	..	..	..
Zamboanga Peninsula	1,405.1	1,190.8	1,158.0	590.2	535.4	507.5	487.0	411.4	427.6	430.9
Zamboanga del Norte	318.9	184.6	308.6	88.5	21.1	16.3	48.9	12.7	24.8	44.6
Zamboanga del Sur	524.1	530.6	507.7	425.1	463.1	465.3	326.4	339.9	322.6	310.9
Zamboanga City	540.3	304.8	59.4	..	22.9	25.4	6.3	8.6	27.7	29.6
Zamboanga Sibugay	21.7	170.9	282.3	76.7	28.3	0.5	105.5	50.2	52.5	45.8
Northern Mindanao	2,061.0	2,660.2	2,743.7	1,844.0	1,934.5	1,484.3	1,617.4	1,683.3	1,810.0	2,089.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	431.5	381.8	437.4	501.7	508.1	400.8	441.8	479.4	398.9	601.5
Lanao del Norte	106.8	189.6	183.3	309.9	315.3	317.4	307.5	368.9	364.5	387.9
Misamis Occidental	1,355.0	1,597.9	1,604.3	572.2	628.0	303.3	681.1	712.5	789.4	644.9
Misamis Oriental	167.6	490.9	518.6	460.2	483.2	462.9	187.0	122.6	257.1	455.6
Davao Region	975.3	831.0	1,271.3	678.4	536.5	628.0	655.1	492.1	506.0	1,005.7
Davao del Norte	71.6	39.8	190.8	54.2	107.4	50.5	38.4	27.8	25.6	21.2
Davao del Sur	150.4	384.3	186.7	296.8	94.9	42.6	165.5	62.0	47.1	92.8
Davao City	0.1	..	..	..	1.9	..	0.2	..	..	..
Davao Oriental	577.5	202.3	643.5	108.7	100.6	362.4	320.3	297.5	348.3	825.5
Compostela Valley	175.8	204.6	250.3	218.7	231.7	172.4	130.7	104.8	85.0	66.3
SOCCSKSARGEN	3,828.3	2,639.6	2,279.7	2,525.4	2,933.8	2,738.3	2,736.7	2,839.6	2,708.7	1,536.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	3,275.4	2,182.7	1,866.0	1,938.4	2,302.2	2,140.2	2,241.0	2,380.6	2,324.1	1,245.8
South Cotabato	153.9	91.5	71.0	221.2	279.7	251.0	183.6	206.1	175.6	152.6
Sultan Kudarat	399.0	365.5	342.8	365.8	351.9	347.1	312.1	252.9	209.0	138.0
Caraga	809.5	1,064.0	1,070.4	943.0	875.0	1,106.5	1,118.8	898.9	755.1	899.4
Agusan del Norte	248.0	296.2	239.3	183.9	142.6	187.1	67.4	70.0	83.3	74.6
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	183.1	432.6	385.2	416.1	425.8	608.6	645.9	521.6	473.4	553.4
Surigao del Sur	378.5	335.2	446.0	343.0	306.6	310.7	405.5	307.3	198.4	271.4
ARMM	549.2	570.8	469.1	1,142.8	954.7	614.7	464.4	512.0	506.7	614.6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	203.1
Maguindanao	127.6	102.6	28.9	38.6	72.5	92.4	96.3	92.5	80.1	79.1
Sulu	292.9	313.1	306.8	138.5	128.7	125.9	98.9	81.6	73.9	40.9
Tawi-tawi	128.8	155.1	133.4	965.7	753.5	396.4	269.2	337.9	352.7	291.5

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Frigate tuna (Tulingan)										
PHILIPPINES	**63,673.1**	**67,835.6**	**68,096.9**	**70,844.9**	**68,945.1**	**62,167.1**	**59,118.8**	**60,590.0**	**59,121.3**	**58,825.1**
NCR	12.3	7.8	0.4	..	1.2	0.7	0.0	3.8	1.0	..
Metro Manila	12.3	7.8	0.4	..	1.2	0.7	0.0	3.8	1.0	..
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	312.8	288.5	139.1	1,336.7	988.2	603.0	92.8	77.2	89.8	98.2
Ilocos Norte	99.9	109.2	49.3	151.4	210.4	140.7	49.3	34.2	41.5	40.7
Ilocos Sur	119.1	101.1	4.2	7.6	5.6	17.1	19.6	23.9	22.7	22.2
La Union	87.7	70.6	78.0	1,160.2	755.1	428.2	5.5	4.8	7.5	7.7
Pangasinan	6.0	7.6	7.6	17.5	17.1	17.0	18.5	14.3	18.0	27.6
Cagayan Valley	822.7	910.6	813.1	1,243.1	1,217.6	1,352.0	1,117.2	1,315.0	1,757.0	2,036.4
Batanes	..	..	..	..	..	..	6.9	6.2	4.9	11.3
Cagayan	808.0	888.3	778.1	1,202.3	1,171.4	1,307.0	1,061.0	1,261.2	1,691.6	1,965.7
Isabela	14.8	22.3	35.0	40.8	46.2	45.0	49.3	47.7	60.5	59.4
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	604.7	889.4	859.7	872.7	996.8	1,248.2	837.0	821.0	821.5	737.5
Aurora	207.4	302.0	269.7	234.4	273.8	259.7	244.1	244.8	252.4	259.7
Bataan	192.1	195.5	153.5	186.2	186.6	165.0	156.7	155.9	156.0	159.2
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	90.3	127.6	147.2	144.0	130.6	120.3	104.8	108.4	113.7	104.4
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	114.8	264.3	289.3	308.2	405.8	703.2	331.4	312.0	299.3	214.2
CALABARZON	1,795.9	3,019.2	2,932.7	5,540.2	4,363.8	3,058.3	3,113.4	3,085.3	2,977.4	3,138.3
Batangas	985.5	1,629.0	1,532.9	3,589.9	2,856.7	2,071.0	1,661.2	1,807.9	1,539.1	1,184.3
Cavite	59.2	133.8	102.6	30.4	2.7	1.9	..	..	4.7	22.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	751.3	1,256.4	1,297.3	1,919.9	1,504.3	985.5	1,452.1	1,277.3	1,433.6	1,931.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	14,439.4	13,655.5	16,114.1	14,710.8	12,464.7	10,590.6	9,159.7	11,365.5	10,394.8	9,490.3
Marinduque	375.1	476.6	680.0	700.2	660.4	654.5	683.4	727.4	763.3	818.9
Occidental Mindoro	263.9	301.9	308.3	294.8	295.2	279.1	290.0	303.5	312.7	329.8
Oriental Mindoro	699.0	734.8	680.3	761.2	797.1	798.6	875.6	952.6	969.4	843.4
Palawan	12,659.0	11,763.5	14,203.5	12,548.9	10,247.2	8,404.5	6,876.3	8,805.9	7,899.6	6,994.8
Romblon	442.5	378.6	242.0	405.7	464.8	453.9	434.5	576.1	449.9	503.5
Bicol Region	5,317.1	6,229.2	6,489.0	6,288.6	6,461.1	6,224.3	7,106.1	8,597.6	8,764.5	7,982.4
Albay	369.0	482.8	680.7	596.7	642.5	604.0	682.4	882.6	984.4	942.9
Camarines Norte	1,624.0	1,717.2	1,806.7	1,954.8	2,092.8	1,877.5	1,659.9	1,791.3	1,778.4	1,860.9
Camarines Sur	1,417.0	1,484.3	983.9	1,090.0	1,218.2	1,355.1	1,312.4	1,361.9	1,408.8	1,400.5
Catanduanes	643.0	892.3	1,036.3	1,010.1	917.4	893.1	703.0	745.6	634.9	464.4
Masbate	1,066.0	1,399.2	1,398.2	1,337.2	1,406.7	1,364.8	2,226.0	3,261.8	3,198.2	2,874.8
Sorsogon	198.1	253.4	583.2	299.8	183.6	129.8	522.4	554.5	759.8	438.9
Western Visayas	1,078.6	752.2	832.0	3,352.4	4,322.3	4,451.2	2,209.9	2,168.4	2,052.7	2,371.5
Aklan	365.3	254.5	206.4	244.8	312.3	301.8	308.7	322.7	331.7	352.4
Antique	232.4	153.5	217.8	1,202.0	1,246.2	490.4	427.7	462.7	438.4	469.9
Capiz	124.2	101.5	93.5	90.0	72.1	83.6	8.3	..	..	..
Guimaras	15.9	17.8	16.0	24.7	24.6	13.3	26.5	40.8	25.2	11.7
Iloilo	57.4	82.0	134.1	315.9	344.8	254.8	467.9	474.3	428.8	597.8
Negros Occidental	283.4	142.8	164.2	1,475.0	2,322.4	3,307.4	970.7	868.0	828.6	939.7
Central Visayas	6,262.5	5,564.6	4,051.1	3,978.3	3,550.2	2,944.0	3,063.0	2,358.8	2,195.4	1,570.0
Bohol	3,131.0	2,784.7	1,485.2	819.2	542.5	306.6	374.0	240.2	188.6	153.8
Cebu	2,267.8	1,822.6	1,877.2	2,421.2	2,245.5	2,020.9	2,067.6	1,503.7	1,390.9	833.4
Negros Oriental	580.5	586.2	299.4	331.6	338.1	280.2	251.4	249.7	255.7	244.5
Siquijor	283.2	371.0	389.4	406.4	424.2	336.3	370.0	365.3	360.2	338.3
Eastern Visayas	3,649.8	4,321.0	5,711.3	5,312.0	3,583.2	2,687.1	2,909.8	3,572.2	3,852.6	3,674.3
Biliran	123.5	207.5	211.5	115.2	50.4	48.3	40.4	92.8	140.9	103.7
Eastern Samar	549.3	748.9	1,376.8	1,484.1	1,145.0	730.8	1,065.4	1,086.5	1,183.2	1,048.2
Leyte	723.0	745.3	729.3	499.4	356.7	372.2	145.6	152.6	170.9	253.5
Northern Samar	1,009.2	1,160.7	1,236.5	1,023.2	939.8	999.1	1,055.2	1,163.1	1,169.0	1,197.6
Southern Leyte	567.4	602.6	499.8	433.9	415.0	359.7	285.5	378.5	344.6	272.4
Samar	677.5	856.0	1,657.4	1,756.4	676.3	177.1	317.8	698.7	844.0	798.9
Zamboanga Peninsula	9,572.3	11,833.1	12,741.6	11,904.0	14,879.1	12,250.8	10,995.1	9,044.9	7,477.7	7,632.0
Zamboanga del Norte	5,038.8	7,289.7	5,222.3	2,684.3	4,159.1	3,855.5	3,118.3	1,534.4	729.3	707.2
Zamboanga del Sur	1,695.6	1,458.0	2,372.3	3,243.0	3,218.2	2,785.0	2,244.4	2,264.5	2,418.4	2,473.6
Zamboanga City	2,433.1	2,255.1	5,032.7	5,868.6	6,241.6	4,806.8	5,186.9	4,702.3	3,775.9	3,958.8
Zamboanga Sibugay	404.8	830.3	114.3	108.1	1,260.2	803.6	445.5	543.7	554.1	492.4
Northern Mindanao	1,541.1	1,794.0	1,623.9	1,402.5	1,205.5	1,660.3	2,884.8	2,845.5	2,942.0	3,134.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	78.3	79.6	18.8	132.3	301.2	313.7	210.3	134.4	90.3	119.5
Lanao del Norte	375.3	428.1	336.9	377.1	326.9	454.5	754.6	803.4	888.7	1,015.5
Misamis Occidental	986.0	1,055.1	1,105.7	688.6	489.1	789.7	1,844.2	1,822.2	1,791.2	1,646.9
Misamis Oriental	101.5	231.3	162.4	204.5	88.4	102.5	75.8	85.5	171.9	353.1
Davao Region	1,087.9	1,408.8	1,097.2	1,158.9	1,073.5	719.3	959.5	1,089.4	839.6	1,320.3
Davao del Norte	84.8	19.6	120.4	231.5	246.7	204.0	127.3	121.9	71.8	43.6
Davao del Sur	174.0	10.6	9.7	177.0	190.4	102.3	165.3	337.8	194.7	258.5
Davao City	28.9	39.1	24.1	12.8	0.0	1.2	1.1	2.2	..	..
Davao Oriental	673.2	1,228.0	839.1	659.2	557.5	338.9	594.1	518.4	472.1	948.7
Compostela Valley	127.1	111.5	103.9	78.4	78.9	73.0	71.6	109.1	101.0	69.5
SOCCSKSARGEN	2,982.2	2,305.7	2,352.3	2,188.1	1,632.1	1,663.2	1,999.3	2,092.4	1,981.7	1,993.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1,953.5	1,206.7	1,306.0	1,201.1	636.3	645.2	925.4	933.1	821.6	816.0
South Cotabato	178.2	203.4	106.7	68.2	77.1	90.8	106.1	141.0	109.7	135.7
Sultan Kudarat	850.6	895.5	939.6	918.7	918.6	927.2	967.8	1,018.3	1,050.4	1,041.6
Caraga	7,385.4	7,653.8	4,917.4	4,716.4	4,757.4	4,813.6	4,925.0	4,631.8	4,868.6	4,797.6
Agusan del Norte	272.4	205.7	264.4	657.1	541.5	362.8	340.2	181.1	139.7	166.7
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	4,438.3	4,138.9	1,683.3	1,374.4	1,530.9	1,754.5	1,628.2	1,579.7	1,672.3	1,526.4
Surigao del Sur	2,674.7	3,309.2	2,969.6	2,685.0	2,685.1	2,696.2	2,956.7	2,871.0	3,056.6	3,104.5
ARMM	6,808.5	7,202.5	7,422.0	6,840.5	7,448.5	7,900.7	7,746.2	7,521.2	8,105.2	8,848.1
Basilan	994.7	1,213.6	1,321.6	1,449.1	1,522.9	1,531.7	1,513.7	1,410.3	1,456.5	1,507.9
Lanao del Sur	2,467.8	2,444.6	2,475.3	2,480.5	2,510.6	2,562.0	2,517.7	2,178.5	2,378.0	2,194.6
Maguindanao	609.9	581.7	719.2	728.6	751.3	751.4	798.0	820.7	830.3	839.8
Sulu	599.4	757.7	844.5	1,109.5	1,249.4	1,295.4	1,377.2	1,396.5	1,514.5	1,695.9
Tawi-tawi	2,136.7	2,204.9	2,061.4	1,072.7	1,414.4	1,760.2	1,539.7	1,715.1	1,925.9	2,609.9

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Goatfish (Saramulyete)										
PHILIPPINES	**15,293.3**	**18,293.9**	**15,370.7**	**18,749.2**	**19,310.3**	**20,707.0**	**19,635.1**	**19,416.3**	**20,012.3**	**20,399.9**
NCR	8.6	1.8	2.7	9.6	24.0	12.3	3.1	..	1.5	0.4
Metro Manila	8.6	1.8	2.7	9.6	24.0	12.3	3.1	..	1.5	0.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	401.2	471.3	317.0	287.5	359.3	425.9	276.1	343.4	470.4	337.3
Ilocos Norte	69.4	139.0	114.7	130.0	192.4	215.3	165.6	230.4	308.0	229.6
Ilocos Sur	220.8	238.7	134.4	108.7	129.7	131.1	79.4	67.6	34.1	34.1
La Union	76.8	41.9	14.9	18.5	4.7	43.1	10.2	14.4	15.1	14.6
Pangasinan	34.2	51.8	53.0	30.4	32.6	36.4	20.9	31.0	113.3	59.1
Cagayan Valley	307.0	343.1	291.0	381.1	420.1	390.6	480.9	488.2	520.4	500.4
Batanes	29.2	11.8	2.2	2.4	2.0	2.3	..	8.0	10.8	14.6
Cagayan	273.8	326.2	286.7	374.5	412.6	383.2	472.7	472.9	499.8	476.2
Isabela	4.0	5.2	2.1	4.2	5.5	5.1	8.2	7.3	9.9	9.6
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	276.9	403.4	449.6	287.6	218.4	207.9	177.4	179.7	190.7	180.0
Aurora	65.6	64.7	45.6	46.9	55.6	52.6	45.7	45.2	46.7	45.2
Bataan	93.9	118.1	95.8	71.0	74.9	66.9	56.5	56.5	56.0	57.3
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	117.4	220.6	308.1	169.7	87.9	88.5	75.2	77.9	88.0	77.5
CALABARZON	246.7	916.7	339.9	370.9	267.3	314.9	568.9	757.5	1,430.8	1,454.9
Batangas	81.4	93.1	98.5	175.1	144.0	96.1	73.8	40.3	81.0	42.2
Cavite	43.6	48.9	17.8	8.4	3.9	7.5	14.7	38.4	14.5	28.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	121.7	774.7	223.7	187.5	119.5	211.3	480.5	678.9	1,335.4	1,384.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,329.5	2,975.4	2,639.1	2,150.9	3,025.7	3,007.3	2,989.8	3,576.5	3,962.6	4,761.2
Marinduque	57.8	60.6	57.6	55.9	56.9	55.7	53.9	51.3	48.1	52.4
Occidental Mindoro	147.0	163.0	165.8	164.1	172.9	168.7	171.6	182.1	190.5	193.2
Oriental Mindoro	156.0	166.5	165.8	159.8	180.7	174.2	162.9	163.5	171.8	154.7
Palawan	2,860.9	2,403.0	1,979.6	1,560.2	2,402.9	2,423.4	2,428.3	3,026.2	3,391.3	4,174.0
Romblon	107.9	182.3	270.3	210.9	212.4	185.4	173.1	153.4	160.9	186.9
Bicol Region	1,043.9	1,127.3	1,056.4	1,258.1	1,843.0	1,953.6	2,226.9	2,271.9	2,245.0	2,093.9
Albay	60.0	77.4	64.7	60.1	96.4	131.7	94.7	50.3	..	13.9
Camarines Norte	234.0	245.7	238.0	163.7	276.4	251.2	133.7	164.5	172.0	105.1
Camarines Sur	200.0	212.9	83.7	156.4	148.1	147.2	188.8	192.1	204.5	192.8
Catanduanes	1.0	7.5	37.1	36.0	85.9	78.0	33.9	33.5	21.3	20.2
Masbate	512.0	513.7	575.6	776.6	1,108.1	1,274.5	1,673.5	1,707.3	1,690.2	1,614.6
Sorsogon	36.9	70.1	57.3	65.4	128.2	71.0	102.5	124.3	157.1	147.3
Western Visayas	1,359.3	3,503.7	3,226.3	4,723.6	4,466.9	4,973.8	5,864.4	4,831.2	4,612.7	4,436.1
Aklan	123.2	107.4	123.9	140.3	166.8	184.8	215.5	216.1	254.1	290.7
Antique	35.7	54.9	43.9	47.6	63.3	72.9	86.8	96.4	100.5	86.8
Capiz	556.2	624.7	641.0	2,325.8	2,458.5	2,423.7	2,289.9	2,131.1	2,159.4	1,886.1
Guimaras	134.2	170.9	186.5	184.0	163.0	149.9	156.8	252.7	210.4	192.1
Iloilo	191.7	180.7	181.1	410.0	397.8	1,063.2	2,366.4	1,524.0	1,312.0	1,192.5
Negros Occidental	318.3	2,365.2	2,050.0	1,615.9	1,217.5	1,079.4	749.1	610.9	576.4	787.8
Central Visayas	826.0	1,005.2	998.0	1,189.7	1,211.6	1,163.6	1,012.0	918.7	949.4	1,326.9
Bohol	362.0	540.6	466.6	612.5	664.5	632.0	410.2	342.7	218.7	200.6
Cebu	198.3	188.0	223.4	323.4	349.7	339.5	423.3	418.2	605.3	1,006.0
Negros Oriental	228.7	202.5	235.0	185.8	130.5	118.6	101.3	76.9	43.0	39.0
Siquijor	37.0	74.1	73.0	68.1	66.8	73.4	77.3	80.9	82.4	81.3
Eastern Visayas	646.1	911.8	794.5	1,118.3	1,415.9	1,436.2	1,416.6	1,388.4	1,264.2	1,182.3
Biliran	17.3	6.4	11.9	0.2	32.8	7.0	2.9	1.9	0.8	0.4
Eastern Samar	17.5	76.2	209.8	449.4	621.4	609.8	521.1	473.4	484.0	375.2
Leyte	70.0	68.5	41.5	45.6	87.3	104.1	81.8	69.8	57.6	149.7
Northern Samar	113.2	122.0	108.7	162.5	269.2	310.9	288.4	256.1	243.6	223.5
Southern Leyte	186.6	285.7	248.1	139.9	98.0	100.1	52.0	34.5	38.7	36.9
Samar	241.5	353.0	174.5	320.7	307.1	304.2	470.4	552.7	439.5	396.5
Zamboanga Peninsula	1,541.7	1,707.9	1,703.0	2,969.7	2,195.6	2,842.4	1,851.2	1,762.7	1,737.2	1,732.2
Zamboanga del Norte	549.3	436.3	374.8	489.6	118.2	82.4	141.9	173.6	210.0	117.9
Zamboanga del Sur	549.5	476.7	657.2	867.9	810.2	624.8	509.7	527.0	515.4	521.2
Zamboanga City	36.1	110.5	19.9	34.1	56.6	85.4	95.9	64.1	171.4	276.1
Zamboanga Sibugay	406.9	684.4	651.1	1,578.1	1,210.7	2,049.9	1,103.7	997.9	840.4	817.0
Northern Mindanao	375.0	338.3	394.7	464.5	464.9	543.6	237.1	194.4	248.6	239.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	4.2	7.4	2.4	2.1	4.0	3.7	4.9	6.3	6.9	8.3
Lanao del Norte	6.0	71.1	131.2	129.7	83.8	187.7	71.4	82.2	78.4	73.0
Misamis Occidental	347.6	242.9	253.5	326.3	364.5	332.7	130.9	92.4	90.7	110.8
Misamis Oriental	17.3	16.9	7.5	6.5	12.6	19.6	30.0	13.4	72.6	47.5
Davao Region	780.7	1,270.7	860.3	1,323.5	1,151.7	1,108.8	581.8	661.1	478.0	255.5
Davao del Norte	53.8	10.8	27.2	36.5	14.7	31.9	33.7	19.7	19.5	18.3
Davao del Sur	445.3	1,029.4	549.9	607.6	418.7	472.1	233.8	367.6	263.9	96.3
Davao City	33.4	39.0	41.0	39.7	29.2	21.2	10.4	10.1	15.0	12.6
Davao Oriental	206.5	153.7	204.7	602.8	651.4	539.6	271.3	237.4	154.8	89.2
Compostela Valley	41.7	37.8	37.6	36.8	37.7	44.1	32.6	26.3	24.7	39.2
SOCCSKSARGEN	469.7	447.7	420.7	427.4	427.8	392.9	416.0	409.1	325.4	186.7
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	39.7	29.5	40.8	46.0	39.4	24.2	17.8	17.3	8.9	1.8
South Cotabato	27.6	17.1	15.7	9.1	11.5	6.0	6.8	6.5	7.1	2.3
Sultan Kudarat	402.3	401.1	364.2	372.3	376.8	362.6	391.5	385.2	309.5	182.6
Caraga	2,795.4	1,906.4	928.0	716.7	634.7	1,001.1	686.2	704.6	704.7	748.5
Agusan del Norte	12.4	3.5	6.4	8.4	5.6	4.3	4.7	6.5	6.4	6.6
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2,709.0	1,765.0	790.5	616.1	521.4	864.7	585.9	594.5	619.4	687.1
Surigao del Sur	74.1	137.8	131.2	92.2	107.7	132.2	95.6	103.7	78.9	54.8
ARMM	885.7	963.2	949.8	1,070.0	1,183.4	932.2	846.8	929.0	870.6	964.4
Basilan	37.9	32.7	34.4	36.9	37.6	34.7	37.6	29.3	32.0	33.0
Lanao del Sur	2.1	..	..	..	..	..	..	..	..	..
Maguindanao	53.1	58.7	51.0	48.5	32.3	..	..	..	..	5.0
Sulu	182.3	185.4	193.3	132.3	125.3	120.8	99.9	95.0	91.5	84.6
Tawi-tawi	610.2	686.5	671.0	852.2	988.2	776.6	709.4	804.7	747.1	841.8

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Grouper (Lapu-lapu)										
PHILIPPINES	**14,545.2**	**16,052.8**	**17,276.6**	**15,604.7**	**16,920.4**	**16,820.2**	**18,016.4**	**16,970.9**	**16,786.3**	**16,759.4**
NCR	23.6	27.4	27.8	27.0	36.2	32.7	30.1	30.1	33.6	25.4
Metro Manila	23.6	27.4	27.8	27.0	36.2	32.7	30.1	30.1	33.6	25.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	115.5	73.4	49.5	93.3	133.3	158.5	184.9	451.2	586.6	669.6
Ilocos Norte	15.9	9.7	9.4	13.9	54.6	72.6	17.4	165.1	156.9	95.6
Ilocos Sur	9.5	4.4	1.4	1.3	5.6	10.7	2.2	1.5	1.9	2.8
La Union	29.1	19.1	17.5	12.6	13.8	13.9	25.8	73.9	89.9	169.6
Pangasinan	61.0	40.2	21.3	65.6	59.4	61.2	139.6	210.7	337.9	401.6
Cagayan Valley	166.9	186.0	169.7	195.6	190.6	140.0	132.9	149.6	147.7	161.6
Batanes	27.2	15.0	13.6	17.1	16.7	3.5	20.2	19.6	21.3	37.0
Cagayan	133.2	159.6	149.2	169.7	163.1	124.5	97.7	115.4	108.4	107.0
Isabela	6.5	11.5	6.9	8.9	10.8	12.0	15.1	14.6	18.0	17.6
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	146.0	134.6	132.0	90.0	181.4	164.5	183.2	184.2	211.8	197.9
Aurora	90.7	76.1	53.4	50.2	64.3	65.6	89.8	89.9	96.3	102.6
Bataan	22.8	19.9	16.9	20.5	24.9	25.7	31.5	33.0	35.0	38.1
Bulacan	..	..	0.0	0.0	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	32.5	38.7	61.7	19.3	92.2	73.2	61.8	61.4	80.5	57.3
CALABARZON	435.5	868.6	585.0	549.3	533.2	525.0	728.1	984.9	1,098.5	1,152.5
Batangas	141.6	325.3	210.1	65.8	68.3	47.0	35.4	31.7	23.7	17.2
Cavite	21.2	26.5	6.9	14.1	7.8	21.6	6.4	26.8	19.7	2.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	272.6	516.8	367.9	469.3	457.2	456.5	686.3	926.5	1,055.1	1,132.6
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	4,841.4	5,068.0	6,452.0	4,383.3	4,321.5	4,853.3	4,612.2	2,723.0	2,564.5	3,081.1
Marinduque	57.1	66.8	70.3	68.7	68.9	71.9	67.9	81.0	90.6	97.9
Occidental Mindoro	45.2	62.4	67.3	58.6	60.2	55.6	48.8	45.8	48.9	48.7
Oriental Mindoro	92.0	89.7	89.8	92.0	96.2	87.3	95.1	85.1	80.9	59.3
Palawan	4,537.2	4,751.2	6,105.2	4,074.7	4,009.6	4,562.7	4,347.8	2,455.2	2,274.7	2,810.4
Romblon	110.0	97.9	119.5	89.3	86.6	75.8	52.6	55.9	69.4	64.9
Bicol Region	1,822.0	1,876.1	1,758.4	1,462.4	1,679.9	1,709.8	1,628.7	1,956.0	1,853.0	1,403.3
Albay	284.0	172.5	139.1	67.2	142.6	205.3	266.6	314.9	291.2	270.2
Camarines Norte	543.0	693.8	675.1	611.2	795.9	784.1	749.9	1,085.1	1,085.9	756.1
Camarines Sur	207.0	207.4	119.5	152.8	138.5	141.3	120.6	104.8	83.0	70.2
Catanduanes	509.0	748.1	726.3	539.2	544.9	522.1	414.3	379.4	296.6	220.6
Masbate	10.0	24.7	30.9	73.6	50.6	52.7	60.5	54.7	79.5	80.7
Sorsogon	269.0	29.7	67.6	18.4	7.5	4.4	16.8	17.2	16.8	5.6
Western Visayas	574.6	1,095.6	1,372.1	1,893.8	2,035.4	1,749.5	3,065.5	2,219.3	1,987.7	1,734.2
Aklan	44.4	31.1	46.6	59.2	64.2	52.8	61.3	58.1	60.9	59.4
Antique	92.5	112.1	140.6	160.3	174.1	168.3	145.9	151.1	162.6	120.0
Capiz	120.2	178.6	150.8	664.2	851.3	816.9	1,021.8	1,000.2	1,023.9	1,047.8
Guimaras	171.8	170.0	211.7	225.2	198.8	145.1	128.9	198.5	159.1	131.8
Iloilo	75.3	140.3	320.6	455.8	575.1	441.5	1,605.5	717.5	415.0	216.8
Negros Occidental	70.3	463.5	501.8	329.0	172.0	124.9	102.2	93.9	166.2	158.4
Central Visayas	372.6	401.1	381.4	418.1	360.5	336.3	317.6	357.2	456.4	626.5
Bohol	101.0	136.1	98.6	80.9	73.6	60.3	56.5	59.2	51.7	73.1
Cebu	67.1	129.6	155.5	210.1	206.0	205.8	198.4	239.0	357.0	506.2
Negros Oriental	170.0	114.2	98.3	101.8	56.8	48.6	41.2	39.1	27.8	28.2
Siquijor	34.5	21.2	28.9	25.3	24.1	21.5	21.5	19.9	20.0	19.0
Eastern Visayas	1,046.3	1,163.8	1,307.1	1,557.1	1,873.3	1,799.2	2,051.0	1,847.2	1,864.1	1,583.1
Biliran	26.3	19.1	16.6	37.8	21.7	29.4	39.5	64.8	76.9	72.3
Eastern Samar	406.0	361.1	346.9	474.9	898.3	870.9	842.8	748.5	680.9	499.6
Leyte	157.0	133.7	157.9	66.3	54.6	52.9	205.3	174.7	211.1	137.6
Northern Samar	303.2	331.5	421.4	325.2	378.2	400.2	394.5	451.1	462.3	438.7
Southern Leyte	52.2	57.3	53.5	251.7	184.4	73.2	62.1	15.9	23.6	27.4
Samar	101.7	261.1	310.8	401.2	336.2	372.6	506.9	392.1	409.3	407.5
Zamboanga Peninsula	1,197.1	1,414.8	1,438.5	1,888.4	2,315.9	2,116.5	2,488.5	2,793.2	2,530.0	2,515.9
Zamboanga del Norte	177.0	83.2	50.7	39.0	5.2	4.8	7.3	7.7	7.2	9.3
Zamboanga del Sur	352.4	289.0	425.6	449.7	516.7	648.1	470.2	487.8	509.7	527.8
Zamboanga City	322.7	433.2	632.5	878.4	836.3	915.9	902.2	854.0	680.7	787.2
Zamboanga Sibugay	345.1	609.4	329.6	521.3	957.7	547.8	1,108.9	1,443.8	1,332.4	1,191.5
Northern Mindanao	381.6	458.0	562.2	593.3	537.0	456.7	229.8	236.6	285.4	247.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	2.0	1.8	1.7	2.0	3.0	4.4	6.1	6.1	6.2	6.8
Lanao del Norte	235.0	305.0	391.0	401.2	306.8	254.0	129.4	132.0	124.9	125.5
Misamis Occidental	135.4	142.1	160.4	178.4	215.2	186.9	83.5	89.4	87.7	92.1
Misamis Oriental	9.3	9.1	9.1	11.7	11.9	11.4	10.8	9.0	66.6	22.8
Davao Region	572.1	455.0	497.8	339.2	380.7	514.0	232.0	252.0	220.6	161.8
Davao del Norte	25.7	8.3	36.5	13.4	34.6	32.1	35.1	28.5	22.4	10.2
Davao del Sur	49.6	86.4	80.5	54.4	74.3	198.4	64.5	90.1	99.0	29.9
Davao City	29.8	11.4	17.8	7.6	15.8	19.2	14.7	17.3	10.4	8.3
Davao Oriental	433.5	303.6	318.4	227.8	222.0	225.0	97.5	100.2	73.8	78.0
Compostela Valley	33.4	45.3	44.7	36.0	34.0	39.3	20.2	16.0	15.0	35.4
SOCCSKSARGEN	147.2	87.2	101.9	182.1	138.8	107.4	96.0	115.3	107.2	89.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	69.8	17.9	27.9	108.4	68.8	36.0	29.5	57.6	50.3	17.8
South Cotabato	12.2	6.0	3.2	2.7	2.1	1.6	3.1	4.0	5.9	6.4
Sultan Kudarat	65.2	63.3	70.8	71.0	68.0	69.8	63.4	53.7	51.0	65.2
Caraga	1,176.9	1,075.9	758.5	542.0	516.6	451.2	367.1	462.4	534.0	684.2
Agusan del Norte	85.2	4.2	3.2	10.0	7.7	3.3	4.2	4.9	9.4	6.9
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	1,044.9	988.1	669.2	465.4	448.1	423.5	331.8	434.1	491.3	577.4
Surigao del Sur	46.8	83.6	86.1	66.6	60.9	24.4	31.0	23.4	33.3	100.0
ARMM	1,525.8	1,667.3	1,682.8	1,390.0	1,686.2	1,705.5	1,668.6	2,208.6	2,305.2	2,426.0
Basilan	67.6	51.3	70.3	78.3	81.2	76.8	81.5	90.9	98.3	99.7
Lanao del Sur	261.9	269.9	264.3	268.9	275.5	270.1	271.5	619.8	606.3	521.7
Maguindanao	31.5	22.8	34.7	72.1	93.7	127.7	141.0	149.2	150.1	164.7
Sulu	448.7	518.1	492.7	459.3	446.1	443.7	451.1	455.7	465.7	460.0
Tawi-tawi	716.2	805.2	820.8	511.5	789.7	787.3	723.6	893.1	984.9	1,179.8

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Hairtail (Espada)										
PHILIPPINES	**9,525.4**	**12,363.6**	**12,181.8**	**10,291.7**	**9,451.3**	**9,964.9**	**10,551.8**	**11,456.5**	**10,917.5**	**13,210.7**
NCR	41.1	65.6	86.5	35.7	32.0	8.0	17.1	29.6	68.3	123.1
Metro Manila	41.1	65.6	86.5	35.7	32.0	8.0	17.1	29.6	68.3	123.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	428.7	280.3	352.5	261.0	177.2	349.0	175.8	206.1	172.2	175.2
Ilocos Norte	2.9	19.6	5.9	8.0	4.5	17.5	74.5	91.2	49.5	40.0
Ilocos Sur	111.7	24.6	2.3	1.4	8.2	6.6	6.9	5.9	6.8	6.7
La Union	88.1	134.6	158.1	70.5	95.1	168.4	16.4	19.1	15.9	28.6
Pangasinan	226.0	101.5	186.3	181.0	69.4	156.7	78.0	89.9	100.0	100.0
Cagayan Valley	575.3	761.5	741.1	893.9	1,072.3	1,158.8	919.3	1,086.5	1,339.0	1,673.3
Batanes	2.5	22.6	20.5	26.7	26.1	5.4	4.0	2.2	5.3	3.2
Cagayan	564.8	730.6	715.6	861.0	1,040.4	1,148.4	908.7	1,078.1	1,326.5	1,663.2
Isabela	8.0	8.4	5.0	6.2	5.8	5.0	6.6	6.2	7.1	6.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	195.9	296.7	235.4	152.5	170.2	148.8	164.6	187.1	174.7	174.7
Aurora	63.6	65.2	61.1	35.1	47.4	43.2	39.2	40.3	42.1	42.4
Bataan	77.5	103.8	83.4	110.1	113.0	102.7	85.1	90.4	90.5	94.0
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	54.7	127.7	90.9	7.3	9.9	2.9	40.4	56.4	42.1	38.2
CALABARZON	394.8	791.9	1,125.4	868.4	243.7	171.2	263.8	260.8	375.0	557.4
Batangas	72.0	87.3	29.9	14.6	21.8	2.5	..	..	..	2.7
Cavite	34.5	66.9	51.1	48.6	65.9	31.9	40.9	36.2	53.4	68.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	288.3	637.6	1,044.4	805.2	156.1	136.8	222.9	224.6	321.6	485.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,265.5	1,347.9	1,841.6	1,559.6	1,467.8	1,638.0	1,599.7	2,274.8	1,475.6	1,513.4
Marinduque	25.1	27.7	52.1	53.0	58.1	61.0	79.8	93.6	84.1	73.4
Occidental Mindoro	148.4	159.7	157.7	157.8	158.0	150.7	154.3	161.2	173.5	174.3
Oriental Mindoro	33.0	32.1	29.7	30.7	26.5	26.1	34.0	42.6	46.3	41.6
Palawan	1,012.5	1,039.6	1,525.2	1,248.4	1,150.4	1,312.6	1,293.1	1,937.1	1,112.7	1,188.5
Romblon	46.6	88.7	76.8	69.7	74.8	87.6	38.6	40.3	59.1	35.6
Bicol Region	929.2	968.7	807.4	799.2	1,649.0	1,680.5	1,179.1	1,106.6	989.0	1,694.4
Albay	36.0	49.4	58.0	15.7	67.5	66.6	39.2	32.1	..	6.6
Camarines Norte	56.0	47.2	53.5	73.7	96.8	93.4	99.5	110.2	99.8	750.5
Camarines Sur	49.0	45.5	32.0	122.0	463.2	416.9	455.6	434.2	426.4	393.6
Catanduanes	214.0	46.3	126.7	53.7	11.2	7.9	27.0	32.0	32.5	35.3
Masbate	471.0	509.5	440.3	312.3	374.1	400.6	383.2	332.7	314.3	444.8
Sorsogon	103.2	270.9	97.0	221.8	636.2	695.2	174.7	165.4	116.1	63.6
Western Visayas	2,347.9	3,302.3	3,127.4	2,259.1	1,879.8	2,382.4	4,214.1	4,113.6	3,895.6	4,656.2
Aklan	255.1	145.3	131.6	100.6	128.5	133.6	183.1	179.7	211.8	241.4
Antique	219.2	220.3	369.8	258.0	205.1	215.0	244.5	195.2	194.3	180.7
Capiz	646.0	680.1	686.0	291.1	168.6	223.1	479.8	570.6	503.2	701.7
Guimaras	42.7	42.4	46.7	46.1	50.4	46.0	66.0	128.5	156.1	248.9
Iloilo	977.5	1,006.1	1,128.3	1,117.1	1,180.0	1,597.9	2,932.4	2,723.0	2,575.3	3,025.3
Negros Occidental	207.3	1,208.2	765.1	446.2	147.3	166.9	308.3	316.7	254.9	258.3
Central Visayas	203.6	130.6	73.1	71.9	45.4	45.2	79.9	78.1	54.8	76.1
Bohol	4.0	2.6	2.5	16.9	4.4	8.6	31.0	33.0	23.2	31.7
Cebu	18.6	23.0	29.4	24.4	15.7	17.7	31.6	28.5	21.6	37.5
Negros Oriental	178.5	104.5	40.9	30.5	25.3	18.9	17.3	16.6	10.0	6.8
Siquijor	2.5	0.5	0.2	0.0	..	..	..	..	..	..
Eastern Visayas	740.3	1,141.5	965.0	709.8	609.7	646.4	620.9	728.9	742.4	933.0
Biliran	15.0	9.7	16.0	9.9	8.1	5.9	0.5	0.3	0.2	0.2
Eastern Samar	36.8	132.5	172.2	75.4	59.3	44.7	57.6	60.8	78.7	90.3
Leyte	91.0	156.1	200.7	79.4	28.2	13.7	32.2	75.0	96.4	113.7
Northern Samar	93.8	162.7	201.3	221.3	224.2	223.3	249.9	230.8	221.7	228.9
Southern Leyte	30.1	55.5	39.4	27.5	22.0	121.3	90.2	86.8	81.8	81.5
Samar	473.6	625.0	335.4	296.3	268.0	237.5	190.6	275.4	263.6	418.4
Zamboanga Peninsula	744.4	1,151.8	1,065.5	1,421.0	694.0	649.8	460.4	636.2	774.3	714.4
Zamboanga del Norte	228.5	332.7	432.2	230.4	53.3	30.4	32.6	74.5	72.9	55.6
Zamboanga del Sur	64.3	119.6	96.7	218.2	210.6	200.8	201.2	229.5	240.4	213.6
Zamboanga City	124.0	144.6	91.2	..	..	..	4.8	7.5	272.6	237.7
Zamboanga Sibugay	327.7	554.9	445.4	972.4	430.2	418.6	221.9	324.7	188.4	207.5
Northern Mindanao	301.7	488.3	392.7	406.3	370.7	310.5	252.6	304.0	421.7	377.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	44.2	23.1	21.0	5.5	4.2	13.5	9.0	9.1	9.9	9.1
Lanao del Norte	3.7	52.5	65.9	189.8	149.1	82.9	127.5	146.0	129.1	150.7
Misamis Occidental	170.0	183.3	175.5	151.9	170.6	150.0	57.1	58.1	58.8	83.2
Misamis Oriental	83.9	229.4	130.3	59.1	46.8	64.0	59.0	90.8	224.0	134.5
Davao Region	457.9	451.9	301.5	171.1	366.2	254.9	222.6	121.4	83.3	122.0
Davao del Norte	161.6	103.7	84.1	32.6	124.5	78.7	31.4	32.1	14.1	14.2
Davao del Sur	136.5	206.5	57.1	42.5	30.8	79.7	66.4	3.0	..	0.3
Davao City	39.0	41.7	23.6	20.9	42.3	63.2	66.5	55.5	49.3	46.6
Davao Oriental	90.1	52.4	95.1	33.3	129.1	11.2	53.0	26.7	15.4	56.7
Compostela Valley	30.9	47.6	41.6	41.7	39.6	22.0	5.4	4.0	4.5	4.2
SOCCSKSARGEN	157.5	101.9	33.1	20.0	62.5	46.4	38.8	20.9	18.6	28.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	125.9	78.8	16.6	6.8	44.6	32.7	25.3	7.2	7.4	7.2
South Cotabato	11.8	7.1	3.8	2.3	7.3	3.8	4.2	4.4	3.2	5.7
Sultan Kudarat	19.9	16.1	12.7	10.9	10.6	9.9	9.3	9.3	8.1	15.1
Caraga	111.1	476.6	565.2	369.9	315.5	210.1	133.3	90.5	128.0	216.0
Agusan del Norte	22.4	7.4	12.2	23.1	24.6	23.2	10.6	5.4	28.0	24.1
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	36.1	429.9	497.5	230.6	168.4	111.8	62.1	38.7	47.0	63.3
Surigao del Sur	52.6	39.3	55.6	116.2	122.5	75.1	60.7	46.5	53.0	128.6
ARMM	630.5	606.3	468.5	292.6	295.3	264.9	209.8	211.3	205.2	176.1
Basilan	..	0.1	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	71.2	52.2	20.0	42.8	49.4	54.8	56.5	58.5	54.3	48.3
Sulu	115.9	129.9	129.2	69.9	67.1	65.5	47.0	40.3	38.5	19.4
Tawi-tawi	443.4	424.1	319.4	180.0	178.9	144.6	106.4	112.6	112.4	108.4

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Indian mackerel (Alumahan)										
PHILIPPINES	**52,290.2**	**51,846.7**	**52,379.6**	**49,316.9**	**48,705.2**	**47,282.5**	**42,530.3**	**44,040.3**	**41,330.3**	**41,935.8**
NCR	24.3	30.4	27.5	31.9	67.5	78.3	51.4	54.5	54.2	58.2
Metro Manila	24.3	30.4	27.5	31.9	67.5	78.3	51.4	54.5	54.2	58.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	555.6	598.0	329.3	355.9	261.4	235.7	130.9	156.9	156.2	149.0
Ilocos Norte	75.9	91.8	107.5	77.7	32.8	17.8	84.9	92.2	90.3	50.3
Ilocos Sur	163.1	140.3	9.2	6.7	11.1	8.8	24.8	31.3	18.9	13.6
La Union	278.6	277.7	188.0	165.0	70.0	166.3	12.9	13.9	11.7	36.1
Pangasinan	38.0	88.2	24.7	106.5	147.5	42.9	8.2	19.6	35.3	48.9
Cagayan Valley	46.8	104.8	41.5	166.7	181.4	157.7	184.1	216.4	251.2	227.2
Batanes	1.0	15.0	13.7	17.8	17.4	3.6	15.7	16.1	10.9	..
Cagayan	32.8	76.4	19.2	139.2	153.9	145.9	157.5	189.6	226.7	213.5
Isabela	13.0	13.4	8.6	9.6	10.1	8.2	11.0	10.7	13.6	13.7
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	549.0	639.7	532.0	497.0	482.8	478.0	528.5	536.2	560.6	552.3
Aurora	107.9	96.2	68.8	75.9	77.9	75.2	57.6	58.0	62.5	62.2
Bataan	211.0	223.2	229.5	236.0	237.0	234.2	257.5	256.6	257.7	246.9
Bulacan	12.0	42.8	28.4	7.5	0.3	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	65.2	58.9	85.2	107.9	119.5	112.3	123.1	128.3	130.4	121.4
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	152.9	218.7	120.1	69.8	48.1	56.3	90.4	93.2	109.9	121.8
CALABARZON	3,339.7	2,389.2	1,842.0	2,242.6	4,173.8	3,474.5	2,627.9	2,964.6	2,394.5	1,903.5
Batangas	1,087.8	801.3	843.0	913.0	1,032.2	1,068.0	889.0	932.0	715.5	666.0
Cavite	260.3	310.0	227.1	227.8	714.8	721.0	245.0	159.3	138.2	285.8
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,991.5	1,278.0	771.9	1,101.8	2,426.8	1,685.5	1,494.0	1,873.4	1,540.8	951.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	11,887.8	9,816.4	12,974.4	14,003.2	11,732.0	11,542.5	9,318.2	8,798.7	8,235.8	9,847.5
Marinduque	227.3	260.3	271.2	265.7	264.9	248.5	230.9	225.9	220.4	224.0
Occidental Mindoro	178.1	183.1	193.2	186.8	182.5	175.9	178.4	185.1	195.3	197.5
Oriental Mindoro	359.0	373.4	360.8	372.7	406.0	401.3	435.4	504.8	530.5	533.6
Palawan	10,643.1	8,603.2	11,771.5	12,810.2	10,456.7	10,289.6	7,892.8	7,195.4	6,699.0	8,268.3
Romblon	480.3	396.3	377.6	367.7	421.9	427.3	580.7	687.5	590.6	624.1
Bicol Region	16,911.7	16,533.0	14,226.8	10,121.3	8,769.4	9,317.1	8,548.6	8,637.6	8,101.2	7,554.2
Albay	590.0	549.6	592.9	802.4	666.9	648.9	638.6	536.8	575.2	544.5
Camarines Norte	1,355.0	1,610.9	1,605.1	1,622.6	1,844.0	1,703.5	1,414.8	1,469.2	1,478.5	972.1
Camarines Sur	10,493.0	10,924.4	8,719.7	4,182.7	2,554.7	2,941.6	2,890.9	2,769.9	2,770.5	2,658.8
Catanduanes	53.0	78.2	80.2	97.4	162.1	277.1	283.5	334.6	312.1	264.8
Masbate	3,819.0	2,805.0	2,738.9	3,154.9	3,446.1	3,629.5	3,097.5	3,170.0	2,749.3	2,892.1
Sorsogon	601.7	564.9	490.1	261.4	95.6	116.6	223.2	357.1	215.6	221.9
Western Visayas	2,222.7	2,489.6	2,526.9	2,725.8	2,271.7	2,217.9	1,925.5	2,593.4	1,862.2	1,747.7
Aklan	122.8	218.6	152.4	173.8	243.9	256.0	260.8	251.5	285.2	307.1
Antique	170.9	147.9	190.4	268.8	198.7	171.7	260.3	198.6	210.4	214.8
Capiz	697.7	681.3	664.0	289.3	109.2	140.3	123.3	141.0	121.6	155.3
Guimaras	93.6	82.1	74.3	78.7	64.9	42.6	70.0	185.6	148.7	61.4
Iloilo	497.0	730.6	794.7	551.5	587.3	639.2	414.6	628.4	560.3	511.1
Negros Occidental	640.7	629.0	651.2	1,363.7	1,067.8	968.1	796.4	1,188.4	536.0	498.1
Central Visayas	1,384.1	2,633.2	2,382.6	2,330.8	2,728.8	2,641.3	2,294.0	2,298.3	2,044.4	1,847.2
Bohol	477.0	373.5	585.8	432.9	411.1	409.6	443.5	361.1	232.0	104.6
Cebu	363.9	1,587.9	1,300.4	1,380.4	1,947.2	1,881.7	1,497.7	1,596.5	1,515.8	1,479.4
Negros Oriental	433.3	466.6	337.3	353.9	219.5	200.1	192.6	167.8	134.4	113.4
Siquijor	110.0	205.2	159.1	163.6	151.0	149.9	160.3	172.8	162.3	149.8
Eastern Visayas	3,112.1	3,134.3	3,847.2	2,788.5	3,390.9	3,389.3	3,754.6	3,731.3	3,473.6	3,648.0
Biliran	88.0	59.1	49.2	176.6	203.1	114.2	97.1	151.8	148.5	135.0
Eastern Samar	282.0	391.0	512.2	231.0	217.5	184.9	75.5	72.1	97.1	93.9
Leyte	559.0	540.5	380.5	121.1	205.9	113.2	356.2	160.2	84.7	202.7
Northern Samar	1,104.1	1,139.0	980.7	986.0	939.7	784.1	857.4	827.0	869.9	909.4
Southern Leyte	277.5	264.5	249.7	148.0	173.7	143.5	125.3	85.5	211.5	174.8
Samar	801.5	740.1	1,675.0	1,125.8	1,651.1	2,049.4	2,243.1	2,434.8	2,061.8	2,132.2
Zamboanga Peninsula	4,335.1	5,178.7	5,620.4	5,398.5	5,364.9	4,474.2	4,566.3	5,279.1	5,214.4	5,413.2
Zamboanga del Norte	1,582.8	2,100.4	1,678.6	1,552.6	856.9	270.7	237.3	211.1	313.1	215.3
Zamboanga del Sur	1,352.8	841.7	787.6	1,152.3	1,042.0	1,048.3	855.3	917.8	916.0	872.4
Zamboanga City	995.1	836.6	1,567.9	1,185.5	1,524.2	1,835.2	2,461.3	2,850.5	2,511.5	2,693.9
Zamboanga Sibugay	404.4	1,400.0	1,586.3	1,508.1	1,941.7	1,320.0	1,012.3	1,299.7	1,473.7	1,631.7
Northern Mindanao	248.2	196.3	214.3	179.3	236.1	322.4	404.0	548.7	551.4	532.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	16.1	21.3	16.5	7.6	22.9	18.4	38.2	47.8	33.6	44.7
Lanao del Norte	17.0	36.7	70.0	100.0	104.9	220.5	310.9	480.5	467.3	404.3
Misamis Occidental	185.4	103.5	98.6	39.2	54.2	30.3	10.2	13.0	12.7	37.5
Misamis Oriental	29.7	34.8	29.2	32.5	54.2	53.2	44.7	7.4	37.8	46.2
Davao Region	1,912.9	2,085.0	1,366.5	1,115.1	1,052.6	1,175.9	673.7	468.8	277.0	491.7
Davao del Norte	109.6	100.8	184.9	160.4	218.3	244.8	137.5	120.1	71.1	44.4
Davao del Sur	1,414.5	1,291.4	650.3	513.4	348.1	159.5	132.1	31.7	12.6	157.8
Davao City	67.2	31.9	110.0	103.3	75.4	37.3	33.0	28.3	32.5	137.2
Davao Oriental	117.7	419.7	183.7	78.7	127.1	563.1	238.6	200.7	89.5	90.8
Compostela Valley	204.0	241.1	237.6	259.2	283.7	171.3	132.6	87.9	71.3	61.5
SOCCSKSARGEN	718.2	496.3	300.5	245.8	320.4	262.4	159.3	206.7	215.0	182.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	595.3	398.2	224.8	153.1	225.5	166.9	71.8	75.7	105.5	42.1
South Cotabato	50.4	23.4	7.5	22.8	25.7	28.5	29.2	34.4	29.8	9.4
Sultan Kudarat	72.6	74.6	68.2	70.0	69.3	67.0	58.4	96.7	79.7	131.5
Caraga	73.3	109.8	304.4	559.2	823.9	802.9	813.8	715.0	846.0	872.1
Agusan del Norte	14.4	9.6	29.9	20.5	39.8	39.0	15.7	10.6	39.9	47.0
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	33.5	61.8	243.3	507.6	734.2	712.8	786.9	695.7	772.9	749.1
Surigao del Sur	25.4	38.4	31.2	31.1	49.9	51.1	11.2	8.7	33.2	76.0
ARMM	4,968.5	5,412.1	5,843.4	6,555.4	6,847.6	6,712.5	6,549.4	6,834.4	7,092.7	6,908.5
Basilan	2,025.3	2,294.9	2,307.9	2,407.2	2,483.8	2,278.5	2,129.7	2,081.5	2,189.5	2,126.4
Lanao del Sur	1,013.5	1,024.9	1,037.7	1,047.2	1,065.4	1,057.1	1,056.6	1,055.5	1,307.9	872.3
Maguindanao	446.0	456.1	481.8	463.7	483.6	408.3	420.2	416.1	382.7	388.2
Sulu	506.8	466.3	468.5	690.8	717.5	751.4	772.5	797.5	800.4	831.4
Tawi-tawi	976.9	1,169.9	1,547.5	1,946.5	2,097.4	2,217.2	2,170.5	2,483.8	2,412.2	2,690.2

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Indian sardines (Tamban)										
PHILIPPINES	**66,993.0**	**72,601.1**	**68,675.2**	**63,750.7**	**68,219.3**	**65,893.1**	**70,898.4**	**70,393.9**	**65,706.3**	**72,896.4**
NCR	248.6	150.0	65.1	34.6	22.0	20.0	166.9	194.4	252.7	92.3
Metro Manila	248.6	150.0	65.1	34.6	22.0	20.0	166.9	194.4	252.7	92.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	373.3	378.5	395.2	90.9	79.6	102.4	157.8	164.1	125.3	202.0
Ilocos Norte	155.8	284.5	292.1	17.7	47.7	77.7	107.3	103.4	93.5	135.1
Ilocos Sur	123.8	7.2	18.1	28.4	9.5	3.3	42.2	46.7	23.7	44.9
La Union	82.7	74.7	78.6	44.8	22.3	21.4	8.3	8.0	1.5	15.3
Pangasinan	11.0	12.2	6.3	..	..	..	..	6.1	6.7	6.7
Cagayan Valley	649.8	688.1	304.0	215.5	268.1	246.0	178.5	223.3	288.7	309.7
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	636.3	675.8	298.1	212.4	263.9	241.5	170.8	217.5	280.9	302.1
Isabela	13.5	12.2	5.9	3.2	4.2	4.5	7.7	5.8	7.9	7.7
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	207.5	169.6	222.5	229.8	348.1	303.1	226.4	222.6	227.9	247.3
Aurora	141.8	127.1	112.9	103.7	108.9	96.7	98.4	97.7	98.6	96.3
Bataan	5.5	5.3	8.5	10.0	10.1	9.4	7.7	7.0	9.0	11.2
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	56.2	34.2	45.3	63.9	60.6	65.4	57.8	53.4	53.8	52.1
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	3.9	3.0	55.8	52.3	168.4	131.7	62.6	64.5	66.6	87.7
CALABARZON	2,794.7	4,832.1	6,095.7	4,404.2	3,622.8	2,259.0	2,225.6	1,904.0	2,148.6	4,575.2
Batangas	2,369.4	3,165.8	4,367.1	2,939.2	2,245.6	1,670.1	1,596.3	1,641.9	1,985.6	3,083.2
Cavite	9.3	..	..	..	..	..	..	..	2.0	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	416.1	1,666.3	1,728.6	1,465.0	1,377.2	588.9	629.3	262.1	161.0	1,492.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	14,432.8	12,942.8	11,906.4	12,476.1	11,520.2	10,613.3	10,659.3	9,312.6	7,396.5	7,111.4
Marinduque	230.0	269.2	277.3	325.6	286.5	285.2	298.8	300.6	263.1	313.9
Occidental Mindoro	142.6	156.7	165.4	172.6	169.0	162.6	163.7	172.8	181.0	181.4
Oriental Mindoro	421.0	443.0	423.9	462.3	525.4	531.8	521.4	586.0	612.7	670.0
Palawan	13,332.8	11,559.1	10,569.3	10,948.7	10,045.7	9,142.2	9,153.3	7,816.3	5,787.2	5,323.4
Romblon	306.5	514.9	470.5	567.0	493.5	491.5	522.2	436.9	552.5	622.7
Bicol Region	5,615.0	7,732.2	8,176.3	8,085.9	9,004.9	9,855.7	10,400.2	8,227.6	6,489.8	5,633.9
Albay	275.0	324.9	299.0	494.4	429.5	469.3	427.1	463.0	507.0	479.1
Camarines Norte	609.0	537.3	562.2	526.8	555.8	526.2	544.3	573.8	549.7	335.0
Camarines Sur	766.0	799.9	410.4	376.1	789.9	757.4	766.7	763.9	777.0	747.3
Catanduanes	1,236.0	1,338.7	1,343.4	1,213.8	681.9	528.8	352.9	333.5	219.2	168.6
Masbate	2,672.0	4,658.5	5,126.0	5,270.4	6,461.7	7,488.2	8,181.0	5,937.4	4,211.9	3,802.7
Sorsogon	57.0	72.9	435.3	204.4	86.1	86.0	128.3	156.1	225.2	101.3
Western Visayas	4,725.4	4,920.6	4,828.1	3,855.4	3,221.3	2,274.6	3,937.1	2,298.0	3,037.5	3,628.8
Aklan	438.1	313.1	269.9	260.7	293.4	277.2	298.7	304.6	411.0	493.5
Antique	791.2	766.1	510.4	444.5	350.6	357.1	572.9	454.0	479.7	604.5
Capiz	65.7	65.3	52.7	43.0	16.1	22.3	59.3	47.8	61.6	60.0
Guimaras	116.2	126.4	134.1	121.5	111.1	59.9	75.1	95.0	123.1	232.8
Iloilo	668.2	909.0	1,442.9	1,182.7	1,099.1	824.6	729.1	619.6	1,112.7	653.6
Negros Occidental	2,645.8	2,740.7	2,418.3	1,803.0	1,351.1	733.7	2,202.1	777.0	849.3	1,584.4
Central Visayas	1,905.7	1,482.8	1,697.4	2,087.3	2,235.8	2,162.9	1,900.7	2,009.1	1,641.2	1,832.4
Bohol	381.0	153.0	172.0	452.0	580.0	537.6	511.2	502.9	539.5	743.4
Cebu	1,305.4	1,126.0	1,145.2	1,278.7	1,302.9	1,227.1	1,003.9	1,154.7	807.7	788.1
Negros Oriental	146.4	122.7	254.0	221.8	216.0	239.9	217.4	205.5	150.7	144.3
Siquijor	73.0	81.2	126.3	134.8	137.0	158.3	168.1	146.0	143.3	156.6
Eastern Visayas	4,928.3	5,267.4	6,359.3	5,417.8	5,325.5	5,332.3	4,180.6	3,014.5	2,861.7	3,193.1
Biliran	468.0	500.4	684.8	780.0	537.0	564.8	505.2	423.4	458.8	576.5
Eastern Samar	865.0	645.2	582.7	194.8	114.3	77.7	57.2	57.4	65.9	50.4
Leyte	758.0	811.9	938.4	321.3	541.8	566.4	374.8	336.7	498.3	572.6
Northern Samar	1,144.9	1,259.2	933.5	1,009.9	984.1	844.2	816.2	873.1	860.6	953.3
Southern Leyte	467.9	468.3	395.4	517.4	798.0	818.0	745.3	612.8	683.7	675.7
Samar	1,224.5	1,582.3	2,824.5	2,594.5	2,350.4	2,461.2	1,681.9	711.0	294.5	364.6
Zamboanga Peninsula	18,304.0	16,530.3	10,837.7	13,259.5	15,932.8	16,237.7	18,974.0	24,408.2	22,683.9	26,118.1
Zamboanga del Norte	8,755.7	9,646.2	7,593.0	7,692.1	9,783.7	10,081.6	13,469.8	18,523.6	17,285.5	20,191.7
Zamboanga del Sur	2,340.3	2,105.3	763.8	358.5	..	..	16.6	8.3	..	..
Zamboanga City	4,105.6	3,621.1	1,073.5	4,681.4	4,259.1	3,861.8	3,478.6	3,389.8	3,299.6	3,510.2
Zamboanga Sibugay	3,102.5	1,157.8	1,407.4	527.5	1,890.0	2,294.4	2,008.9	2,486.5	2,098.8	2,416.3
Northern Mindanao	2,797.0	3,264.2	4,175.8	3,504.3	4,591.2	4,993.7	7,043.4	7,332.1	7,755.7	8,122.8
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	105.7	205.6	229.8	128.9	223.5	147.3	214.5	211.0	234.6	164.1
Lanao del Norte	173.5	278.8	282.0	274.4	900.3	1,123.1	1,903.1	1,942.5	1,992.6	2,265.2
Misamis Occidental	367.0	464.5	507.6	313.3	255.9	580.3	1,653.0	1,835.0	1,976.5	1,935.8
Misamis Oriental	2,150.7	2,315.3	3,156.5	2,787.7	3,211.5	3,143.0	3,272.8	3,343.6	3,552.0	3,757.8
Davao Region	2,695.1	4,096.5	3,024.8	1,480.2	1,741.6	867.1	775.6	1,215.3	929.0	1,312.8
Davao del Norte	179.8	238.6	198.1	39.6	156.2	68.7	84.5	71.6	54.2	162.0
Davao del Sur	1,707.8	2,293.8	1,524.9	650.6	590.6	216.9	287.3	805.8	615.2	522.3
Davao City	76.2	526.9	315.6	31.9	70.9	34.8	46.8	42.8	29.5	297.0
Davao Oriental	158.0	101.9	111.9	86.3	204.4	104.8	59.2	43.7	34.5	184.9
Compostela Valley	573.3	935.3	874.3	671.8	719.5	442.1	297.8	251.3	195.7	146.6
SOCCSKSARGEN	1,520.9	4,474.5	3,598.5	1,484.6	1,783.4	1,750.0	1,212.7	1,232.8	1,116.8	714.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	706.5	3,433.3	2,447.0	527.4	849.6	984.5	409.6	431.0	654.1	343.3
South Cotabato	90.1	234.8	384.0	148.2	135.1	69.7	67.0	82.6	103.2	114.3
Sultan Kudarat	724.3	806.4	767.6	809.0	798.6	695.8	736.2	719.2	359.6	256.6
Caraga	3,277.5	3,169.0	4,099.1	3,947.0	4,414.8	4,658.7	4,793.9	4,427.8	4,290.5	4,391.6
Agusan del Norte	1,979.0	1,998.5	2,418.9	1,961.6	2,107.4	2,157.9	2,364.3	2,790.3	2,787.3	2,646.4
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	1,210.0	1,099.1	1,610.1	1,908.0	2,218.5	2,418.7	2,350.1	1,560.7	1,403.8	1,579.9
Surigao del Sur	88.5	71.4	70.0	77.4	89.0	82.1	79.5	76.9	99.4	165.3
ARMM	2,517.6	2,502.5	2,889.3	3,177.6	4,107.3	4,216.7	4,065.8	4,207.3	4,460.5	5,410.9
Basilan	243.5	243.8	325.9	394.3	425.1	497.5	505.0	540.8	560.1	566.9
Lanao del Sur	661.6	635.1	656.0	671.4	687.1	682.2	680.3	251.7	622.1	1,154.3
Maguindanao	371.8	326.7	354.5	379.8	402.5	414.9	315.7	306.7	331.8	366.4
Sulu	374.1	368.3	400.2	559.1	605.5	616.0	626.0	628.4	629.8	650.8
Tawi-tawi	866.7	928.6	1,152.7	1,172.9	1,987.1	2,006.0	1,938.8	2,479.8	2,316.6	2,672.6

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Indo-pacific mackerel (Hasa-hasa)										
PHILIPPINES	**27,008.5**	**26,535.9**	**28,145.4**	**27,804.5**	**32,316.2**	**33,091.6**	**29,861.6**	**28,760.3**	**26,787.7**	**26,480.2**
NCR	527.6	586.3	365.4	436.8	1,355.6	1,526.2	321.8	291.8	258.1	736.9
Metro Manila	527.6	586.3	365.4	436.8	1,355.6	1,526.2	321.8	291.8	258.1	736.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	444.7	615.1	631.1	150.3	242.9	473.2	456.2	81.4	81.9	94.1
Ilocos Norte	28.4	30.1	19.5	36.7	15.8	13.0	8.4	15.2	15.2	12.0
Ilocos Sur	101.9	14.9	4.4	13.8	12.9	14.3	6.8	8.0	7.4	6.1
La Union	277.5	230.3	429.8	99.2	198.4	383.7	381.9	19.4	15.4	33.1
Pangasinan	36.9	339.9	177.4	0.7	15.8	62.3	59.0	38.9	43.9	43.0
Cagayan Valley	220.1	233.7	200.8	173.3	197.1	187.4	203.3	222.8	209.5	205.4
Batanes	3.9	7.3	6.7	8.0	7.8	1.5	15.5	15.7	11.6	4.5
Cagayan	205.2	213.2	187.2	153.1	176.3	174.9	173.3	192.8	182.0	185.5
Isabela	11.0	13.3	7.0	12.2	13.1	11.1	14.6	14.3	15.9	15.5
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	3,041.8	3,166.0	2,997.0	2,467.8	2,501.7	2,520.6	2,228.6	2,080.7	2,085.2	1,989.6
Aurora	79.6	70.8	50.0	55.3	62.8	62.2	53.5	53.7	55.9	55.3
Bataan	2,820.9	2,850.0	2,688.4	2,164.7	2,214.2	2,273.2	2,015.3	1,874.3	1,884.0	1,798.8
Bulacan	27.3	35.0	49.3	57.2	34.0	19.3	14.9	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	65.1	68.5	96.1	132.3	146.9	124.0	108.9	115.0	106.8	100.0
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	48.9	141.7	113.1	58.3	44.0	41.9	36.1	37.7	38.4	35.5
CALABARZON	1,358.4	1,772.0	1,333.3	1,034.8	1,589.5	1,801.0	1,232.7	986.7	803.0	635.8
Batangas	317.6	604.0	669.4	578.7	740.8	709.6	566.3	525.0	464.8	198.0
Cavite	963.1	930.4	520.8	353.1	846.1	949.6	445.3	309.0	214.0	349.1
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	77.7	237.7	143.1	103.0	2.6	141.8	221.2	152.8	124.1	88.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	6,968.4	5,261.2	6,720.5	6,683.4	5,790.4	6,370.4	6,584.9	5,440.3	3,805.9	3,775.6
Marinduque	47.4	71.3	33.0	35.9	48.6	46.8	48.9	61.2	60.0	63.1
Occidental Mindoro	90.3	97.4	108.2	106.6	122.7	119.5	122.6	131.1	140.4	141.9
Oriental Mindoro	89.0	89.5	82.4	85.9	81.8	79.7	88.0	92.8	97.0	97.9
Palawan	6,648.7	4,883.5	6,347.3	6,214.6	5,318.0	5,921.2	6,064.4	4,968.6	3,287.3	3,265.8
Romblon	93.0	119.4	149.7	240.5	219.3	203.2	261.1	186.7	221.2	207.0
Bicol Region	528.8	1,016.9	1,007.7	2,343.1	5,183.5	5,367.6	4,429.1	4,342.9	4,483.6	3,979.1
Albay	51.0	81.3	58.1	57.9	116.0	156.1	176.3	111.6	145.5	118.8
Camarines Norte	89.0	109.3	51.5	25.0	19.5	11.2	2.0	3.2	5.6	17.3
Camarines Sur	15.0	12.6	119.8	293.7	160.6	183.7	188.2	159.4	159.5	145.4
Catanduanes	69.0	94.6	91.3	56.3	110.2	61.2	49.1	42.0	37.1	30.4
Masbate	246.0	454.1	566.8	736.2	1,160.5	1,325.5	3,082.0	3,071.9	3,248.2	3,128.5
Sorsogon	58.8	265.1	120.2	1,174.0	3,616.7	3,629.9	931.6	954.9	887.7	538.8
Western Visayas	4,760.2	4,021.5	3,142.6	5,099.9	5,617.9	5,076.6	4,902.2	4,881.8	4,777.9	4,906.8
Aklan	467.9	363.8	314.7	318.1	389.2	393.9	376.5	382.5	439.6	475.3
Antique	7.3	11.2	21.0	29.1	22.9	21.0	34.2	35.3	34.5	27.0
Capiz	723.1	711.2	687.3	2,527.5	3,147.2	3,040.4	2,926.4	3,006.5	2,844.6	3,051.2
Guimaras	32.5	43.5	21.5	14.7	20.5	14.3	37.4	92.0	56.1	27.5
Iloilo	3,252.8	1,997.1	1,356.8	1,274.3	1,185.8	797.9	187.8	222.0	244.7	333.4
Negros Occidental	276.6	894.8	741.3	936.2	852.3	809.2	1,340.0	1,143.7	1,158.4	992.4
Central Visayas	770.3	542.3	429.3	487.2	437.0	399.9	624.8	756.9	559.6	350.4
Bohol	386.0	126.4	60.4	48.2	55.8	60.8	148.2	165.1	107.7	78.0
Cebu	366.0	401.7	346.8	408.8	356.9	309.9	456.2	573.1	434.9	248.4
Negros Oriental	14.8	9.2	17.5	25.4	18.6	22.9	13.9	12.4	11.2	19.3
Siquijor	3.5	5.0	4.6	4.9	5.7	6.4	6.6	6.4	5.8	4.7
Eastern Visayas	4,305.8	5,118.0	6,827.4	5,876.8	5,717.4	5,386.0	4,596.0	5,066.2	4,822.8	4,870.1
Biliran	134.0	249.1	340.4	584.7	456.6	526.5	570.3	501.7	503.5	502.4
Eastern Samar	827.2	599.9	518.9	121.4	34.2	26.1	14.7	36.4	30.4	19.1
Leyte	762.0	815.9	916.0	1,346.5	1,915.9	1,657.2	1,014.6	1,079.8	1,251.8	1,249.2
Northern Samar	569.3	590.8	575.1	762.2	824.4	750.5	730.7	714.5	666.5	627.3
Southern Leyte	172.7	169.9	154.0	77.6	72.0	70.0	52.9	31.5	37.5	58.3
Samar	1,840.6	2,692.3	4,323.0	2,984.5	2,414.3	2,355.8	2,212.9	2,702.3	2,333.2	2,413.9
Zamboanga Peninsula	2,182.9	2,391.6	2,434.0	1,386.1	1,869.5	1,772.3	2,023.5	2,146.1	2,165.5	1,976.0
Zamboanga del Norte	1,262.9	1,233.7	1,010.7	627.6	631.2	327.5	304.7	331.6	128.9	59.2
Zamboanga del Sur	435.0	538.9	680.3	615.1	573.5	464.5	513.8	583.6	630.6	628.5
Zamboanga City	425.6	251.7	81.1	9.8	7.0	19.7	27.6	36.5	301.3	267.2
Zamboanga Sibugay	59.3	367.3	662.0	133.5	657.8	960.6	1,177.4	1,194.4	1,104.8	1,021.2
Northern Mindanao	192.5	253.7	274.2	254.1	240.8	314.7	471.0	475.0	481.4	573.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	3.2	0.9	0.9	..	..	..	..	..	..	..
Lanao del Norte	31.0	69.1	105.6	182.7	170.1	118.6	199.6	210.0	214.9	269.2
Misamis Occidental	150.0	157.2	148.3	59.0	47.1	185.6	261.0	253.8	252.8	257.4
Misamis Oriental	8.3	26.6	19.3	12.4	23.6	10.5	10.5	11.3	13.7	46.5
Davao Region	219.2	332.8	165.2	114.5	162.5	141.0	202.5	102.0	78.6	67.2
Davao del Norte	33.5	14.1	40.3	17.7	19.4	15.3	37.4	23.5	44.3	16.1
Davao del Sur	36.8	225.3	37.1	..	47.6	16.0	121.7	38.5	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	2.1	0.8	8.2	..	..	26.0	..	1.1	1.3	11.1
Compostela Valley	146.9	92.7	79.6	96.8	95.5	83.7	43.4	38.9	33.0	40.1
SOCCSKSARGEN	31.5	30.2	28.5	30.5	30.1	31.4	32.4	36.0	33.4	26.7
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	1.5	..	..	..	..	..	..	..	..	..
Sultan Kudarat	30.0	30.2	28.5	30.5	30.1	31.4	32.4	36.0	33.4	26.7
Caraga	380.0	117.5	153.5	125.0	135.4	192.3	326.1	515.5	574.9	686.5
Agusan del Norte	185.0	22.6	28.6	11.4	15.3	8.8	4.3	2.6	8.2	4.4
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	182.8	80.6	108.7	100.1	107.8	172.9	315.3	507.9	550.8	654.5
Surigao del Sur	12.1	14.3	16.2	13.5	12.3	10.7	6.5	5.1	15.9	27.6
ARMM	1,076.5	1,077.1	1,434.9	1,141.1	1,244.9	1,531.1	1,226.6	1,334.1	1,566.4	1,606.7
Basilan	59.9	58.5	62.0	69.2	65.8	59.5	54.6	51.6	53.9	51.7
Lanao del Sur	..	8.4	34.4	35.8	37.3	35.8	36.3	..	9.6	19.5
Maguindanao	73.3	79.0	56.2	72.6	74.4	94.0	101.0	99.5	95.5	83.1
Sulu	44.4	57.9	59.3	36.4	35.3	35.4	36.1	35.6	37.1	37.8
Tawi-tawi	898.9	873.4	1,223.1	927.2	1,032.2	1,306.4	998.6	1,147.4	1,370.4	1,414.7

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mullet (Kapak)										
PHILIPPINES	**14,104.6**	**13,963.0**	**13,904.2**	**11,115.9**	**12,546.9**	**12,317.8**	**12,726.4**	**11,513.3**	**11,541.7**	**11,486.7**
NCR	516.9	396.4	295.3	183.1	167.0	175.7	141.9	168.0	312.2	267.7
Metro Manila	516.9	396.4	295.3	183.1	167.0	175.7	141.9	168.0	312.2	267.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	153.3	84.6	46.1	32.0	35.5	42.3	24.1	35.7	39.4	40.6
Ilocos Norte	3.7	0.8	1.0	0.2	..	..	..	..	..	1.3
Ilocos Sur	26.3	6.6	2.5	1.4	5.9	3.9	10.4	11.4	14.6	13.2
La Union	37.3	45.0	22.5	15.5	9.0	11.3	2.6	3.0	3.9	3.5
Pangasinan	86.0	32.1	20.2	14.9	20.6	27.1	11.2	21.3	20.8	22.6
Cagayan Valley	36.6	35.5	56.6	70.2	58.6	75.5	99.2	90.2	111.0	114.8
Batanes	..	..	..	..	..	..	..	..	0.2	..
Cagayan	27.1	25.1	48.4	57.6	46.4	62.4	82.3	73.6	94.4	98.5
Isabela	9.5	10.3	8.2	12.6	12.2	13.1	16.8	16.5	16.4	16.3
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	950.9	1,148.2	982.0	879.7	830.6	849.8	893.9	899.7	880.3	825.3
Aurora	..	0.0	..	..	..	..	..	..	0.1	..
Bataan	616.8	731.6	613.3	579.1	600.9	633.9	681.6	685.4	670.2	645.5
Bulacan	191.0	253.6	213.6	155.8	97.0	78.2	73.8	82.9	82.2	60.9
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	143.1	158.6	152.5	144.8	132.6	137.7	134.0	131.4	127.8	118.9
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	4.4	2.6	..	..	..	4.5	..	..	..
CALABARZON	22.6	75.7	59.7	2.3	2.5	78.9	112.7	46.2	18.9	22.0
Batangas	..	..	..	0.0	..	4.9	31.0	18.1	13.1	21.7
Cavite	12.2	30.2	8.5	0.3	1.4	0.8	0.0	..	0.5	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	10.4	45.5	51.2	2.0	1.2	73.1	81.7	28.1	5.3	0.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	927.0	959.9	1,212.1	1,143.4	1,027.1	1,271.5	1,063.5	900.6	906.2	1,277.0
Marinduque	35.5	39.9	37.0	34.2	39.8	43.1	49.9	53.7	57.3	60.0
Occidental Mindoro	96.8	105.9	108.2	105.7	110.5	106.3	108.0	114.0	123.9	125.9
Oriental Mindoro	49.0	47.4	43.3	38.3	42.3	40.9	49.6	51.0	53.3	46.7
Palawan	718.2	736.1	981.1	897.3	801.8	1,063.7	842.6	669.5	662.9	1,032.3
Romblon	27.5	30.6	42.4	67.9	32.8	17.6	13.4	12.4	8.8	12.1
Bicol Region	1,208.5	1,444.2	1,919.5	1,363.7	2,387.0	2,073.9	1,645.7	1,553.9	1,466.3	1,101.1
Albay	140.0	117.1	89.9	63.9	57.0	91.0	64.0	22.4	..	..
Camarines Norte	350.0	369.4	388.1	216.0	307.5	274.7	397.6	379.1	378.5	111.7
Camarines Sur	358.0	432.4	1,122.5	756.3	1,123.2	809.1	815.4	820.4	817.7	758.5
Catanduanes	179.0	214.3	216.6	69.9	40.1	26.9	35.2	45.5	39.5	32.6
Masbate	60.0	50.8	57.9	77.9	80.3	89.2	136.3	107.8	110.7	62.9
Sorsogon	121.5	260.2	44.7	179.7	778.8	782.9	197.1	178.8	119.8	135.4
Western Visayas	3,408.5	2,684.2	2,433.1	1,909.2	1,945.4	1,933.5	3,117.3	2,453.8	2,618.3	2,841.9
Aklan	199.9	180.0	209.9	156.4	128.4	136.8	171.5	174.1	193.5	190.8
Antique	7.9	7.5	7.0	4.7	5.7	5.3	6.7	7.3	8.7	9.0
Capiz	460.5	576.3	575.7	151.2	21.9	33.0	684.1	939.4	824.1	779.9
Guimaras	247.2	284.4	299.6	232.9	209.5	166.4	175.4	202.8	147.6	130.3
Iloilo	1,787.0	1,130.1	1,120.1	960.5	814.9	774.3	1,069.2	335.5	271.4	474.7
Negros Occidental	706.0	505.9	220.9	403.3	765.0	817.8	1,010.3	794.9	1,173.0	1,257.3
Central Visayas	532.4	541.8	603.3	474.4	433.0	378.4	299.6	292.6	370.1	267.4
Bohol	262.0	254.7	260.5	171.1	112.2	53.5	45.9	44.2	58.9	67.9
Cebu	105.1	188.0	247.2	238.5	273.5	286.5	214.9	212.9	283.1	169.2
Negros Oriental	152.2	94.2	91.5	59.6	44.1	35.5	35.5	32.8	26.8	29.0
Siquijor	13.1	4.9	4.1	5.3	3.2	3.0	3.4	2.8	1.3	1.4
Eastern Visayas	1,429.3	1,430.7	1,029.2	1,011.7	2,020.4	2,036.5	1,421.5	1,199.7	1,011.3	1,341.8
Biliran	25.2	0.8	22.0	..	..	..	..	..	..	..
Eastern Samar	47.5	30.0	60.3	84.0	84.6	83.6	91.3	101.1	97.5	86.0
Leyte	254.0	243.2	133.6	115.1	37.0	35.0	16.3	49.8	14.4	56.9
Northern Samar	255.6	263.0	362.9	266.4	468.9	443.9	407.5	381.7	351.2	339.2
Southern Leyte	154.4	165.6	128.7	84.9	71.1	59.3	32.2	34.7	33.8	37.7
Samar	692.7	728.1	321.7	461.3	1,358.7	1,414.7	874.3	632.5	514.4	822.1
Zamboanga Peninsula	645.2	714.0	770.8	476.0	412.6	415.7	1,667.1	2,039.8	1,626.5	1,374.1
Zamboanga del Norte	254.3	196.9	179.7	63.1	3.6	2.1	8.0	5.6	9.3	5.5
Zamboanga del Sur	315.4	277.4	238.7	220.8	217.6	268.9	251.2	292.7	312.2	324.5
Zamboanga City	49.2	38.9	14.5	33.9	41.7	36.3	35.2	29.6	98.0	92.6
Zamboanga Sibugay	26.2	200.8	337.9	158.3	149.7	108.4	1,372.8	1,711.9	1,207.0	951.5
Northern Mindanao	1,428.4	1,543.5	1,635.0	1,164.3	1,010.6	817.3	419.0	423.1	433.4	419.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	0.7	1.3	0.6	0.8	1.5	4.1	4.8	6.1	4.8	4.3
Lanao del Norte	717.3	650.1	718.6	492.2	536.7	415.9	246.1	256.9	218.6	215.9
Misamis Occidental	703.3	883.3	908.0	657.6	453.8	380.0	164.9	150.5	147.2	184.8
Misamis Oriental	7.2	8.8	7.8	13.6	18.7	17.3	3.2	9.7	62.9	14.8
Davao Region	760.0	1,029.4	698.5	508.7	244.9	300.1	200.1	199.7	156.1	114.7
Davao del Norte	17.4	39.6	35.5	21.5	36.3	12.9	22.3	15.0	3.9	5.7
Davao del Sur	613.7	844.8	507.2	362.8	158.8	216.4	103.6	87.7	40.7	37.8
Davao City	35.2	51.6	21.9	15.2	12.0	3.9	2.2	1.8	0.9	3.9
Davao Oriental	68.1	58.6	98.0	75.6	8.9	50.4	63.2	87.9	102.9	59.4
Compostela Valley	25.6	34.9	36.0	33.6	28.9	16.5	8.8	7.3	7.8	7.9
SOCCSKSARGEN	57.5	33.5	25.4	29.5	34.8	28.5	33.5	39.3	22.4	15.0
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	15.0	9.7	3.1	7.0	15.0	9.6	12.5	22.8	7.4	3.7
South Cotabato	17.4	2.3	4.1	3.1	2.1	2.0	1.2	0.7	1.2	0.7
Sultan Kudarat	25.0	21.5	18.1	19.4	17.6	17.0	19.8	15.9	13.8	10.6
Caraga	113.5	69.8	94.7	117.3	113.0	128.0	93.5	121.5	127.7	145.5
Agusan del Norte	40.8	16.0	16.3	15.0	10.1	7.2	7.8	7.2	9.5	13.2
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	53.5	32.4	52.9	81.2	81.6	94.7	64.6	94.2	65.9	86.9
Surigao del Sur	19.2	21.5	25.5	21.1	21.3	26.1	21.1	20.1	52.3	45.4
ARMM	1,914.3	1,771.7	2,043.0	1,750.6	1,824.1	1,712.2	1,493.8	1,049.6	1,441.8	1,318.1
Basilan	3.1	4.0	0.3	0.3	0.3	..	..	..	..	..
Lanao del Sur	956.7	916.1	916.2	920.6	922.5	921.5	921.5	356.4	698.3	570.6
Maguindanao	189.9	190.3	112.8	105.8	75.2	..	..	..	..	0.5
Sulu	183.1	197.9	188.4	118.2	110.2	108.6	83.2	77.4	72.9	64.7
Tawi-tawi	581.5	463.4	825.3	605.7	716.0	682.1	489.1	615.8	670.6	682.3

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Parrot fish (Loro)										
PHILIPPINES	**10,553.1**	**13,121.8**	**12,976.9**	**14,079.6**	**15,008.9**	**14,343.0**	**14,518.4**	**14,867.2**	**14,466.7**	**14,212.7**
NCR	..	0.2	..	..	0.2	..	..	..	..	0.8
Metro Manila	..	0.2	..	..	0.2	..	..	..	..	0.8
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	281.4	174.5	159.7	167.5	154.5	155.7	196.1	239.9	185.1	283.7
Ilocos Norte	87.9	42.9	54.0	87.3	36.9	46.9	152.2	189.5	143.7	222.1
Ilocos Sur	153.9	33.8	37.1	31.7	43.5	38.4	15.6	10.7	9.7	6.6
La Union	17.2	63.9	51.0	46.5	41.0	37.4	4.5	4.8	5.5	6.6
Pangasinan	22.4	33.9	17.5	2.0	33.0	33.0	23.7	34.8	26.3	48.4
Cagayan Valley	18.2	12.0	88.7	370.2	439.2	446.3	391.1	402.1	490.0	493.3
Batanes	9.6	2.4	0.4	0.5	0.4	6.3	..	20.7	36.1	53.1
Cagayan	5.1	5.3	86.3	364.3	433.2	435.2	384.3	374.7	444.1	430.4
Isabela	3.5	4.3	1.9	5.4	5.7	4.8	6.8	6.8	9.8	9.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	108.9	137.4	92.4	22.2	29.6	28.9	59.3	59.4	59.7	57.6
Aurora	12.4	9.7	4.4	1.6	2.9	2.0	1.5	1.4	1.5	1.5
Bataan	3.8	4.2	..	0.1	0.2	0.3	2.1	1.6	1.6	2.1
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	92.6	123.6	87.9	20.4	26.5	26.6	55.7	56.4	56.5	54.1
CALABARZON	345.6	466.5	403.8	248.8	167.0	91.5	55.0	36.1	35.3	117.8
Batangas	258.9	299.5	247.7	123.7	140.1	87.2	39.2	36.1	35.3	88.5
Cavite	1.0	112.3	21.2	0.6	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	85.7	54.7	134.9	124.5	26.9	4.3	15.8	..	..	29.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,960.6	3,455.6	2,851.7	2,570.5	2,612.2	3,179.1	3,783.5	4,150.1	3,812.6	3,623.1
Marinduque	22.1	24.8	25.9	20.4	19.8	20.9	23.2	22.4	26.6	29.3
Occidental Mindoro	38.9	62.5	73.4	74.8	63.3	59.2	58.3	58.2	66.1	67.2
Oriental Mindoro	32.0	29.5	26.4	30.4	27.9	27.3	36.4	34.8	36.3	34.1
Palawan	2,719.9	3,187.6	2,500.1	2,270.7	2,323.5	2,915.0	3,558.3	3,918.3	3,555.1	3,372.5
Romblon	147.8	151.2	225.9	174.3	177.6	156.8	107.2	116.4	128.5	120.1
Bicol Region	1,176.0	1,641.8	1,156.7	1,079.2	855.3	1,024.0	681.9	851.5	784.1	661.1
Albay	22.0	57.9	53.5	40.6	42.3	44.9	44.1	16.5	..	..
Camarines Norte	289.0	325.2	371.2	369.0	412.6	390.6	320.1	398.3	398.3	325.3
Camarines Sur	4.0	6.9	6.0	20.1	29.6	27.2	24.1	20.1	19.2	16.4
Catanduanes	..	..	..	52.0	80.9	41.7	67.8	77.5	74.5	78.4
Masbate	118.0	365.3	380.1	338.4	286.5	270.5	208.5	230.3	156.8	85.2
Sorsogon	743.0	886.4	346.0	259.0	3.5	249.0	17.3	108.8	135.3	155.9
Western Visayas	253.3	328.0	391.6	927.4	966.3	847.9	497.6	493.4	501.2	537.7
Aklan	..	..	..	6.6	15.8	17.1	18.7	18.6	29.9	48.0
Antique	10.3	32.0	39.6	39.8	33.6	29.2	32.7	35.0	36.3	31.5
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	112.7	151.8	178.4	203.1	224.7	155.9	176.4	167.1	144.2	87.8
Iloilo	52.0	76.3	92.7	102.8	100.7	..	..	1.1	2.2	4.4
Negros Occidental	78.3	67.8	80.9	575.0	591.5	645.7	269.8	271.6	288.6	366.2
Central Visayas	1,200.8	1,134.8	1,034.7	1,381.7	1,439.1	1,363.2	1,461.7	1,414.3	1,647.8	1,670.0
Bohol	151.0	213.7	181.0	217.3	261.9	273.7	252.6	287.6	278.1	350.0
Cebu	882.4	770.1	678.1	1,032.8	1,055.3	978.0	1,093.0	1,007.0	1,258.2	1,192.6
Negros Oriental	88.0	53.8	78.2	44.1	38.8	31.5	35.9	30.4	19.8	21.5
Siquijor	79.4	97.1	97.5	87.6	83.2	80.1	80.2	89.4	91.7	105.9
Eastern Visayas	340.1	430.3	524.9	632.4	761.5	736.8	879.7	873.6	748.9	693.1
Biliran	18.7	1.6	1.6	..	5.7	5.8	8.7	8.0	7.1	4.7
Eastern Samar	23.7	134.4	202.3	365.9	515.6	486.0	525.0	505.7	480.4	419.1
Leyte	86.0	85.5	90.6	28.7	9.5	15.5	1.0	..	..	1.4
Northern Samar	156.0	165.0	187.6	156.3	174.4	117.3	160.9	173.9	174.9	182.3
Southern Leyte	55.7	44.0	42.8	81.5	56.3	112.2	108.4	42.9	55.0	39.9
Samar	..	..	..	..	..	..	75.8	143.0	31.5	45.7
Zamboanga Peninsula	954.6	1,252.8	1,523.8	1,046.7	982.6	1,154.2	1,290.1	1,522.9	1,217.9	1,244.2
Zamboanga del Norte	246.9	112.0	137.9	65.9	4.2	3.5	3.5	5.2	8.8	6.8
Zamboanga del Sur	362.1	290.8	647.5	524.5	396.8	380.0	358.2	397.8	434.9	437.7
Zamboanga City	292.6	264.6	459.2	388.1	428.8	404.5	375.7	392.6	378.0	393.6
Zamboanga Sibugay	53.1	585.5	279.2	68.2	152.9	366.3	552.7	727.2	396.3	406.2
Northern Mindanao	596.0	658.0	657.7	719.3	894.3	733.2	995.8	950.4	965.5	942.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	12.6	25.7	17.8	19.9	24.5	35.4	29.4	37.9	41.6	47.3
Lanao del Norte	20.0	40.7	65.8	107.9	293.6	296.3	328.2	272.0	252.2	242.6
Misamis Occidental	440.0	529.0	529.2	533.2	561.7	379.0	604.8	611.6	630.9	619.4
Misamis Oriental	123.4	62.6	44.8	58.2	14.5	22.5	33.5	28.9	40.9	33.6
Davao Region	751.2	463.6	478.5	931.7	975.3	614.2	560.8	349.2	279.7	184.6
Davao del Norte	44.8	68.7	32.6	29.8	51.1	48.7	42.3	34.1	30.3	13.9
Davao del Sur	20.0	..	..	0.9	11.5	49.8	46.0	34.0	79.0	27.7
Davao City	10.6	11.8	14.0	10.7	14.7	14.6	7.1	4.9	1.0	2.4
Davao Oriental	635.8	344.9	394.8	850.1	860.4	451.9	437.7	257.0	152.7	117.3
Compostela Valley	40.0	38.2	37.1	40.2	37.7	49.4	27.8	19.3	16.7	23.3
SOCCSKSARGEN	44.4	71.6	52.8	125.2	94.2	62.7	85.1	87.1	151.6	33.7
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	13.2	44.6	30.9	103.8	74.4	45.0	64.6	71.6	139.5	23.3
South Cotabato	3.9	3.4	2.5	2.0	2.1	0.8	0.7	0.6	1.8	2.1
Sultan Kudarat	27.3	23.7	19.4	19.3	17.7	17.0	19.7	14.9	10.3	8.2
Caraga	606.1	1,734.5	2,235.7	2,172.7	2,806.0	2,308.7	2,122.6	1,859.7	1,927.7	1,998.8
Agusan del Norte	73.0	25.0	6.6	1.9	3.4	2.8	0.9	1.3	1.3	2.7
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	363.9	1,274.1	1,659.0	1,598.2	2,138.6	1,874.6	1,645.8	1,346.5	1,391.7	1,470.2
Surigao del Sur	169.2	435.4	570.1	572.6	664.0	431.3	475.9	511.8	534.7	525.9
ARMM	915.9	1,160.3	1,324.5	1,684.1	1,831.6	1,596.5	1,458.3	1,577.6	1,659.8	1,670.4
Basilan	34.9	41.9	40.4	43.3	43.9	41.4	41.0	49.5	50.5	50.6
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	10.0	9.5	..	..	..	..	..	..	..	5.3
Sulu	503.3	551.4	540.6	462.8	475.1	461.3	458.1	381.2	367.9	355.4
Tawi-tawi	367.6	557.5	743.5	1,178.0	1,312.6	1,093.9	959.2	1,146.9	1,241.4	1,259.1

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Porgies (Pargo)										
PHILIPPINES	**6,563.3**	**7,070.5**	**8,839.2**	**9,631.0**	**8,853.5**	**9,304.4**	**10,870.1**	**9,054.8**	**8,877.9**	**7,980.4**
NCR	..	..	..	..	..	..	..	..	..	0.6
Metro Manila	..	..	..	..	..	..	..	..	..	0.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	35.1	84.0	81.4	71.9	75.5	79.2	42.9	72.3	80.8	61.8
Ilocos Norte	18.7	9.9	2.9	12.4	15.6	18.1	11.5	42.4	70.9	47.6
Ilocos Sur	5.5	49.1	56.0	49.2	51.3	53.2	21.1	21.5	0.9	0.8
La Union	10.9	25.0	22.5	10.2	8.6	8.0	10.3	8.5	9.0	13.3
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	0.2	644.3	850.6	838.2	835.7	745.8	770.2	731.3
Batanes	..	..	..	..	..	..	41.4	42.9	55.0	43.7
Cagayan	..	..	..	644.2	848.8	834.8	790.4	699.3	711.4	683.9
Isabela	..	..	0.2	0.1	1.9	3.4	4.0	3.6	3.8	3.7
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	34.2	36.5	22.1	13.2	77.9	22.5	18.7	23.3	24.1	39.6
Aurora	10.2	10.4	3.9	4.7	5.2	3.8	0.7	0.7	0.7	0.7
Bataan	15.1	13.6	10.6	7.5	8.2	8.5	12.7	13.6	13.8	14.0
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	8.9	12.5	7.6	1.0	64.5	10.2	5.4	9.0	9.6	24.9
CALABARZON	290.1	428.0	282.9	180.7	288.3	80.8	347.6	424.4	675.0	423.6
Batangas	72.0	108.6	134.8	62.7	84.5	27.2	32.0	24.0	8.7	10.4
Cavite	8.0	24.2	5.3	22.0	25.8	18.6	42.8	96.2	122.8	30.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	210.1	295.2	142.9	96.0	178.0	35.1	272.8	304.2	543.6	383.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	609.9	676.2	1,678.8	1,423.7	1,102.9	1,256.4	1,178.8	836.8	827.8	931.2
Marinduque	69.1	69.6	71.1	62.7	67.3	68.2	67.6	76.9	83.9	87.3
Occidental Mindoro	120.0	157.6	158.8	159.1	158.5	154.3	155.7	163.6	173.4	174.6
Oriental Mindoro	57.0	52.4	39.5	34.7	27.3	26.3	26.3	25.5	27.5	23.7
Palawan	306.3	307.3	1,333.4	1,080.6	782.3	941.1	881.5	495.7	481.5	560.1
Romblon	57.5	89.2	76.0	86.7	67.6	66.5	47.7	75.1	61.5	85.5
Bicol Region	1,025.0	1,323.9	1,321.9	1,350.2	1,236.5	1,159.5	924.9	821.6	551.1	585.6
Albay	..	..	..	..	35.7	33.0	56.4	20.9	..	33.9
Camarines Norte	729.0	733.5	731.2	773.5	689.0	653.2	409.0	433.1	362.4	367.3
Camarines Sur	129.0	133.7	68.2	88.4	73.2	73.5	67.1	58.9	55.8	44.7
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	167.0	456.8	522.6	488.3	438.6	399.8	390.2	306.4	132.9	139.7
Sorsogon	..	..	..	..	..	..	2.2	2.3	..	..
Western Visayas	1,232.6	806.9	1,163.0	1,387.0	1,348.9	1,544.4	3,440.9	1,843.9	1,558.0	1,495.7
Aklan	..	..	..	..	..	..	4.7	3.2	5.8	7.1
Antique	20.9	22.8	15.1	9.2	14.8	15.1	19.3	17.7	19.2	16.8
Capiz	..	69.2	289.6	303.3	258.5	267.3	345.9	454.2	313.9	439.1
Guimaras	201.9	188.9	202.0	211.0	193.4	124.2	190.3	299.6	209.5	215.2
Iloilo	294.8	206.4	253.8	285.1	321.3	634.4	2,647.3	837.5	770.8	570.3
Negros Occidental	715.0	319.6	402.6	578.4	561.0	503.4	233.3	231.7	238.9	247.3
Central Visayas	37.3	30.7	39.0	85.8	78.0	66.4	130.5	162.9	217.6	237.4
Bohol	4.0	4.3	4.9	11.3	17.0	19.1	56.3	67.2	128.3	154.7
Cebu	24.1	7.0	7.1	43.2	27.1	18.9	50.8	73.3	72.6	60.1
Negros Oriental	9.2	5.2	7.8	11.8	18.1	13.3	11.1	13.1	7.8	13.9
Siquijor	..	14.1	19.2	19.4	15.8	15.1	12.4	9.4	9.0	8.8
Eastern Visayas	322.3	225.9	264.9	208.6	148.9	167.3	246.3	264.4	496.9	611.0
Biliran	55.0	..	..	..	0.7	0.1	0.1	0.1	0.0	0.0
Eastern Samar	21.9	18.1	17.2	7.2	..	..	..	77.3	121.5	202.5
Leyte	38.0	33.7	28.4	15.3	..	..	90.8	54.0	..	..
Northern Samar	67.0	109.0	143.7	128.4	101.5	115.4	103.5	87.2	70.4	58.1
Southern Leyte	140.4	65.1	75.6	56.6	46.7	51.8	51.9	25.5	7.1	5.2
Samar	..	..	..	1.2	..	..	..	20.4	297.9	345.2
Zamboanga Peninsula	196.1	271.3	364.6	168.5	144.6	199.9	382.3	486.4	177.7	215.5
Zamboanga del Norte	71.3	94.7	159.6	112.6	4.3	3.0	2.0	3.7	5.0	2.9
Zamboanga del Sur	49.1	..	..	0.0	..	..	..	33.0	..	6.2
Zamboanga City	61.1	43.1	..	19.2	35.7	27.2	30.4	19.7	47.4	80.9
Zamboanga Sibugay	14.6	133.6	205.0	36.7	104.7	169.6	350.0	429.9	125.3	125.5
Northern Mindanao	302.9	346.6	299.0	499.2	209.3	291.2	143.0	128.9	168.1	112.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	160.4	237.4	222.0	281.7	145.8	217.8	113.9	101.2	115.9	94.4
Misamis Occidental	113.0	81.6	58.5	204.3	44.7	40.7	8.7	8.2	8.1	2.6
Misamis Oriental	29.5	27.6	18.4	13.2	18.7	32.6	20.5	19.5	44.1	15.4
Davao Region	495.1	425.0	396.0	701.4	499.3	483.6	413.0	378.3	267.6	144.0
Davao del Norte	33.2	13.6	11.7	17.0	30.7	28.8	28.7	27.1	12.0	7.2
Davao del Sur	22.4	..	..	0.6	3.6	29.8	23.4	..	..	..
Davao City	14.1	14.7	15.6	12.1	16.6	21.6	11.9	12.1	11.2	7.7
Davao Oriental	418.8	389.0	361.1	668.1	445.4	400.6	348.4	335.7	244.4	129.1
Compostela Valley	6.5	7.8	7.7	3.5	3.0	2.9	0.5	3.4	..	..
SOCCSKSARGEN	16.9	14.4	21.6	33.5	37.5	41.8	20.0	26.6	37.7	10.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	7.9	23.1	28.0	32.4	11.3	18.9	30.1	4.0
South Cotabato	..	..	2.1	2.0	1.1	2.0	0.9	1.0	0.9	0.0
Sultan Kudarat	16.9	14.4	11.6	8.4	8.4	7.4	7.8	6.8	6.8	6.5
Caraga	114.2	432.2	998.2	711.2	688.8	975.7	936.1	695.0	765.3	802.5
Agusan del Norte	8.1	2.7	2.9	0.1	8.3	6.3	3.4	1.0	1.1	0.6
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	100.2	401.8	957.1	676.8	651.6	944.3	909.3	672.9	749.2	789.7
Surigao del Sur	5.9	27.7	38.3	34.2	28.8	25.2	23.4	21.2	15.0	12.2
ARMM	1,851.8	1,969.0	1,905.6	2,152.0	2,066.4	2,097.7	1,809.5	2,144.2	2,260.0	1,577.6
Basilan	62.1	67.1	57.3	58.5	60.1	55.8	49.0	41.1	40.7	40.3
Lanao del Sur	715.2	692.4	686.4	687.7	684.2	685.6	685.8	971.9	1,111.3	354.3
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	135.8	192.6	197.8	240.1	217.1	208.8	212.1	207.9	204.1	191.7
Tawi-tawi	938.8	1,016.9	964.2	1,165.7	1,105.1	1,147.4	862.6	923.3	904.1	991.3

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Round herring (Tulis)										
PHILIPPINES	**4,306.8**	**5,230.5**	**6,011.5**	**6,512.9**	**6,528.1**	**7,553.9**	**5,633.3**	**5,842.4**	**5,146.6**	**4,814.5**
NCR	3.0	..	2.8	0.6	0.4	..	0.2	..	1.2	..
Metro Manila	3.0	..	2.8	0.6	0.4	..	0.2	..	1.2	..
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	118.3	136.3	100.7	38.8	63.3	61.3	50.9	46.3	91.9	91.9
Ilocos Norte	33.4	66.3	49.6	22.0	47.1	46.1	26.3	27.6	69.4	48.6
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.3
La Union	84.9	70.0	51.1	16.8	16.0	15.2	24.6	18.7	22.4	43.0
Pangasinan	..	..	..	..	0.1	..	..	..	..	..
Cagayan Valley	..	0.3	4.3	9.7	6.6	9.3	10.0	18.3	9.8	17.7
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	3.8	6.6	3.3	7.0	7.2	15.6	6.8	14.8
Isabela	..	0.3	0.5	3.1	3.3	2.3	2.9	2.7	3.0	2.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	40.9	78.3	60.3	71.8	89.4	82.8	66.2	66.3	67.2	64.6
Aurora	13.2	14.5	9.8	9.4	16.4	15.1	10.8	10.9	11.8	11.9
Bataan	23.5	26.7	20.0	60.0	68.2	61.1	52.2	51.9	51.2	50.2
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	4.2	37.1	30.6	2.3	4.9	6.6	3.3	3.6	4.2	2.5
CALABARZON	282.7	565.0	533.8	233.4	99.9	517.5	444.0	41.3	30.2	47.5
Batangas	282.7	343.4	139.5	157.1	96.0	113.2	81.7	37.0	22.7	4.7
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	0.1	221.6	394.3	76.2	3.9	404.3	362.3	4.3	7.5	42.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,534.4	1,518.4	1,972.0	1,786.0	1,490.3	2,022.9	1,638.6	2,209.8	1,291.6	363.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	11.6	19.5	21.1	27.8	27.6	28.4	29.4	30.2	30.6
Oriental Mindoro	2.0	3.0	2.8	2.6	3.5	2.8	7.0	32.7	34.5	33.6
Palawan	1,522.4	1,464.0	1,895.0	1,699.1	1,409.9	1,949.0	1,593.1	2,130.2	1,218.1	287.3
Romblon	10.1	39.8	54.7	63.2	49.1	43.6	10.1	17.5	8.8	11.9
Bicol Region	208.0	227.4	308.3	178.6	233.3	244.1	380.1	625.9	1,201.2	1,403.2
Albay	8.0	19.6	66.9	21.1	77.4	72.6	177.4	202.6	198.4	176.7
Camarines Norte	166.0	162.5	177.5	20.0	19.8	7.2	0.1	0.5	0.9	3.9
Camarines Sur	34.0	45.3	32.9	99.5	124.1	128.5	126.9	118.6	130.2	120.4
Catanduanes	..	..	..	..	12.0	30.6	12.1	20.7	19.5	17.0
Masbate	..	..	31.0	38.1	..	5.2	63.6	283.5	852.2	1,085.2
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	529.0	1,058.2	1,158.3	2,672.4	2,610.7	2,991.2	1,530.0	1,673.9	1,473.3	1,917.3
Aklan	72.4	44.0	86.1	85.4	82.6	75.9	66.5	68.5	68.7	72.3
Antique	0.3	0.2	0.9	0.5	0.5	0.5	1.1	2.0	2.4	1.9
Capiz	..	..	..	..	..	2.4	2.1	0.7	..	..
Guimaras	148.6	166.4	164.5	153.4	160.7	86.3	153.6	185.6	192.5	331.8
Iloilo	263.0	540.2	505.4	2,157.5	2,139.0	2,571.9	1,201.8	1,285.7	1,068.7	1,060.6
Negros Occidental	44.8	307.4	401.4	275.5	228.0	254.3	104.9	131.4	140.9	450.7
Central Visayas	22.2	26.6	20.0	26.7	31.3	27.9	38.5	39.3	44.6	50.2
Bohol	..	12.9	2.9	3.8	3.8	2.9	9.8	10.3	11.2	20.8
Cebu	1.3	0.3	1.6	2.2	2.8	3.1	6.1	10.0	16.8	8.7
Negros Oriental	5.6	4.2	4.2	3.0	2.4	1.9	1.6	1.7	1.5	3.9
Siquijor	15.3	9.2	11.2	17.7	22.3	20.1	21.0	17.3	15.1	16.8
Eastern Visayas	165.7	158.5	205.6	205.7	234.4	206.3	595.0	236.5	222.1	104.7
Biliran	..	15.1	16.6	..	7.1	..	..	..	..	..
Eastern Samar	28.5	29.8	62.1	42.6	..	..	..	..	..	1.7
Leyte	10.0	7.9	7.2	..	..	..	314.3	6.8	22.9	..
Northern Samar	29.5	46.7	68.9	69.9	172.6	159.4	149.0	121.7	88.0	81.2
Southern Leyte	97.7	59.0	50.8	19.5	0.3	1.2	1.2	0.6	..	..
Samar	..	..	..	73.7	54.4	45.8	130.5	107.4	111.2	21.8
Zamboanga Peninsula	740.5	653.6	461.7	134.2	177.8	230.4	214.2	216.0	191.5	156.6
Zamboanga del Norte	652.2	517.5	195.8	69.1	27.3	27.0	112.3	96.6	16.9	12.2
Zamboanga del Sur	73.8	..	..	..	9.8	2.4	75.4	107.5	101.5	81.8
Zamboanga City	7.9	22.9	4.0	..	..	..	..	..	52.2	46.3
Zamboanga Sibugay	6.6	113.2	261.9	65.1	140.7	201.0	26.6	11.9	20.8	16.2
Northern Mindanao	62.2	90.8	246.9	333.0	388.7	289.9	138.8	117.0	105.7	128.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	42.9	29.0	68.2	26.1	23.0	18.3	27.2	24.8	23.1	24.5
Lanao del Norte	..	35.0	173.4	300.5	166.7	205.8	97.1	78.8	80.7	74.5
Misamis Occidental	10.0	1.0	..	..	..	..	..	..	..	..
Misamis Oriental	9.3	25.7	5.3	6.5	199.1	65.7	14.5	13.3	1.9	29.4
Davao Region	159.8	99.4	40.8	21.1	41.3	3.4	6.0	37.0	11.5	..
Davao del Norte	27.8	5.8	..	..	..	0.2	..	..	..	..
Davao del Sur	130.5	84.1	26.5	..	..	..	..	..	11.5	..
Davao City	0.3	..	..	..	..	..	..	..	..	..
Davao Oriental	1.2	9.4	14.3	21.1	41.3	3.2	6.0	35.9	..	..
Compostela Valley	..	..	..	..	..	..	..	1.1	..	..
SOCCSKSARGEN	11.1	10.8	9.3	8.9	8.5	7.9	8.4	6.9	9.0	9.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	11.1	10.8	9.3	8.9	8.5	7.9	8.4	6.9	9.0	9.8
Caraga	8.5	9.0	10.9	303.2	176.4	158.0	48.8	21.1	27.5	39.2
Agusan del Norte	2.8	1.2	6.6	1.9	5.0	7.6	3.2	1.2	2.5	3.0
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	296.7	167.2	146.6	42.8	16.9	12.0	12.6
Surigao del Sur	5.8	7.8	4.2	4.7	4.2	3.7	2.8	3.0	13.1	23.6
ARMM	420.4	598.2	875.8	488.9	876.0	701.1	463.6	486.8	368.4	420.0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	4.6	..	..	..	..	..	..	..	..	..
Maguindanao	8.5	7.5	3.7	..	..	..	..	..	..	..
Sulu	53.3	64.6	63.0	47.4	42.4	40.3	35.2	32.6	31.4	28.3
Tawi-tawi	354.0	526.2	809.1	441.5	833.6	660.8	428.4	454.2	337.0	391.8

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Roundscad (Galunggong)										
PHILIPPINES	**73,607.6**	**75,544.1**	**82,038.7**	**72,036.8**	**73,556.0**	**67,072.4**	**66,328.6**	**70,415.4**	**63,507.5**	**60,658.7**
NCR	29.3	81.1	27.6	24.4	8.0	4.8	14.0	4.8	1.6	18.5
Metro Manila	29.3	81.1	27.6	24.4	8.0	4.8	14.0	4.8	1.6	18.5
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	1,182.9	761.0	5,412.9	4,184.4	1,306.0	2,289.5	2,432.7	2,255.9	2,280.2	2,194.6
Ilocos Norte	275.8	363.7	1,122.4	712.7	586.6	1,281.0	667.7	787.3	916.0	649.6
Ilocos Sur	277.5	57.0	3,385.4	2,863.1	588.3	925.7	1,360.8	1,419.5	1,321.5	1,347.3
La Union	623.7	328.8	905.2	608.2	130.6	76.5	398.9	47.1	39.3	166.2
Pangasinan	6.0	11.5	..	0.5	0.4	6.2	5.4	2.0	3.4	31.6
Cagayan Valley	1,736.6	1,850.3	1,156.2	1,052.5	1,201.3	1,173.8	973.1	1,253.0	1,183.9	1,149.3
Batanes	1.5	7.5	6.8	8.9	8.6	1.7	41.5	40.1	10.7	4.1
Cagayan	1,704.1	1,812.6	1,132.8	1,015.6	1,151.2	1,132.7	880.8	1,163.0	1,108.7	1,082.9
Isabela	31.0	30.3	16.7	28.0	41.5	39.4	50.8	49.9	64.5	62.3
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	758.8	939.1	977.0	1,128.9	733.8	963.5	833.5	882.4	902.4	900.2
Aurora	96.1	109.3	75.8	93.0	114.9	108.0	105.4	108.6	113.8	115.9
Bataan	239.4	316.0	362.4	368.6	375.4	403.6	368.1	389.7	404.1	421.4
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	145.7	167.2	163.3	159.9	138.1	144.6	118.4	121.0	114.7	117.9
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	277.6	346.6	375.4	507.5	105.5	307.2	241.5	263.2	269.7	244.9
CALABARZON	5,237.8	4,885.1	4,517.3	4,147.9	6,567.0	4,846.1	4,586.2	4,664.1	3,989.9	2,873.6
Batangas	1,827.3	2,565.5	1,929.8	1,873.7	2,531.8	2,437.3	2,059.0	2,318.0	1,893.1	1,149.7
Cavite	..	17.3	6.9	5.3	15.0	25.9	13.8	3.9	0.4	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	3,410.5	2,302.3	2,580.6	2,268.8	4,020.1	2,382.9	2,513.4	2,342.3	2,096.4	1,723.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	16,533.5	16,211.0	12,682.8	12,061.6	11,321.7	7,877.9	6,326.0	7,514.5	6,615.4	6,581.7
Marinduque	284.7	416.4	612.8	642.3	642.4	660.9	699.6	789.4	820.5	907.3
Occidental Mindoro	248.1	292.1	287.5	286.7	297.3	283.6	278.2	292.8	306.6	313.5
Oriental Mindoro	376.0	428.0	436.8	480.1	511.8	520.3	520.3	641.0	656.9	690.7
Palawan	15,335.8	14,800.0	11,020.7	10,332.9	9,504.3	6,121.1	4,433.6	5,122.5	4,193.3	4,266.7
Romblon	289.0	274.5	325.0	319.7	366.0	292.1	394.4	668.8	638.1	403.5
Bicol Region	6,235.8	7,406.8	8,414.5	7,147.1	7,435.7	7,624.4	8,398.2	10,674.5	10,026.9	8,166.3
Albay	442.0	620.2	655.2	933.0	922.5	996.6	808.3	729.6	909.6	906.1
Camarines Norte	779.0	1,015.6	1,803.3	1,782.0	1,875.2	1,792.8	2,555.6	2,597.4	2,520.4	2,023.5
Camarines Sur	3,315.0	3,834.2	3,504.9	1,884.1	1,208.5	1,400.7	1,383.3	1,366.3	1,403.6	1,305.7
Catanduanes	225.0	307.4	303.5	224.0	390.4	391.5	397.5	445.2	388.2	283.5
Masbate	1,216.0	1,419.5	1,646.7	1,976.2	2,684.3	2,752.1	2,810.1	4,901.2	3,965.9	3,061.1
Sorsogon	258.8	209.8	500.9	347.9	354.7	290.7	443.5	634.9	839.2	586.5
Western Visayas	2,006.8	2,793.2	2,810.3	3,507.1	4,034.5	4,278.1	4,326.2	4,861.3	4,631.3	5,425.9
Aklan	333.0	338.2	301.7	297.5	428.0	447.4	523.3	559.4	618.5	649.3
Antique	647.6	662.7	650.3	445.2	1,044.5	914.8	838.6	1,095.6	1,071.0	1,093.8
Capiz	748.9	803.9	705.0	726.8	731.9	846.5	872.1	950.4	918.1	738.6
Guimaras	24.0	42.0	17.3	15.6	26.3	21.8	15.8	2.6	2.0	1.5
Iloilo	72.6	217.5	365.5	279.9	172.5	203.9	820.3	701.7	946.7	1,368.4
Negros Occidental	180.7	728.8	770.5	1,742.1	1,631.4	1,843.7	1,256.1	1,551.7	1,075.1	1,574.3
Central Visayas	6,571.2	6,046.8	5,776.9	5,114.8	4,452.3	4,034.5	4,700.2	4,993.8	3,459.0	3,415.0
Bohol	398.0	425.4	460.4	430.3	338.6	248.8	292.6	331.9	220.7	274.7
Cebu	5,443.7	4,638.4	4,418.6	3,791.7	3,416.9	3,084.4	3,729.6	3,971.7	2,647.1	2,573.6
Negros Oriental	616.2	813.1	730.6	727.0	542.1	555.3	529.4	542.7	459.1	443.0
Siquijor	113.4	170.0	167.3	165.8	154.7	146.1	148.6	147.6	132.1	123.7
Eastern Visayas	7,826.8	8,028.9	12,349.2	11,574.6	11,701.1	9,148.9	8,124.5	8,343.4	6,939.1	6,272.9
Biliran	225.0	343.2	448.4	573.6	1,007.3	939.4	933.2	699.1	706.9	705.6
Eastern Samar	1,045.5	1,065.8	967.4	476.4	681.4	603.0	1,411.1	1,457.6	1,517.8	1,554.0
Leyte	748.0	728.3	891.4	3,071.1	3,286.5	2,685.8	1,506.4	1,669.4	902.9	1,027.8
Northern Samar	1,348.7	1,350.7	1,516.6	1,384.8	1,070.9	909.7	1,014.5	1,092.3	1,082.1	1,095.1
Southern Leyte	517.3	495.1	502.6	491.3	418.9	359.9	291.5	388.3	431.9	467.4
Samar	3,942.2	4,045.9	8,022.7	5,577.4	5,236.1	3,651.1	2,967.9	3,036.8	2,297.4	1,423.0
Zamboanga Peninsula	9,570.9	9,716.1	10,394.7	7,499.2	9,522.2	9,501.2	10,834.0	9,484.9	8,543.0	8,223.6
Zamboanga del Norte	3,462.0	4,106.6	3,115.0	1,973.2	1,826.1	2,080.8	2,344.9	1,444.0	1,215.3	905.8
Zamboanga del Sur	2,930.7	2,106.9	923.7	629.9	381.1	323.2	858.8	971.2	1,056.5	1,070.2
Zamboanga City	1,796.4	2,123.6	3,655.3	4,193.8	6,028.3	6,240.3	6,414.9	5,963.7	5,459.0	5,625.1
Zamboanga Sibugay	1,381.9	1,379.0	2,700.6	702.4	1,286.6	857.0	1,215.5	1,106.1	812.2	622.6
Northern Mindanao	1,470.1	1,636.9	1,610.8	1,507.7	1,854.5	2,243.6	1,794.1	1,953.4	2,029.6	2,231.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	114.1	346.4	315.8	48.1	28.1	26.5	35.4	47.0	30.0	26.6
Lanao del Norte	349.6	445.6	353.0	364.4	845.5	766.6	941.0	1,033.4	1,039.9	1,072.9
Misamis Occidental	430.0	454.0	513.3	715.5	773.0	1,105.9	637.7	672.3	697.1	696.4
Misamis Oriental	576.5	390.9	428.6	379.7	207.9	344.5	180.0	200.7	262.7	435.4
Davao Region	4,052.2	5,017.7	5,862.4	2,450.5	2,029.1	1,453.6	1,333.9	1,956.7	1,370.3	1,586.6
Davao del Norte	44.5	49.8	245.4	140.4	140.2	132.9	153.3	140.0	88.0	47.4
Davao del Sur	1,973.2	3,270.7	4,531.0	1,569.5	873.4	187.1	341.0	1,117.3	799.7	818.6
Davao City	208.0	122.3	104.0	89.2	117.4	73.6	58.2	54.3	53.7	153.2
Davao Oriental	1,469.9	1,186.1	579.8	217.1	428.2	749.1	586.7	473.0	297.8	446.4
Compostela Valley	356.5	388.8	402.1	434.4	469.9	310.9	194.7	172.0	131.2	121.0
SOCCSKSARGEN	5,060.1	4,340.2	3,837.8	3,421.3	3,283.7	3,251.9	2,676.1	2,694.1	2,582.4	2,533.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	3,913.6	3,180.7	2,625.3	2,098.3	2,059.7	1,932.3	1,468.9	1,481.4	1,437.4	1,306.4
South Cotabato	235.7	196.0	193.4	252.1	163.1	269.0	216.1	228.3	187.5	162.0
Sultan Kudarat	910.8	963.5	1,019.1	1,070.9	1,061.0	1,050.7	991.1	984.4	957.4	1,065.2
Caraga	1,474.2	1,219.1	1,328.1	1,599.0	1,961.6	2,128.8	2,446.8	2,029.4	1,837.1	1,661.1
Agusan del Norte	191.2	110.6	129.0	142.6	98.7	70.0	150.5	159.5	170.1	149.9
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	1,185.2	978.8	1,013.5	1,063.1	1,370.2	1,406.6	1,454.3	1,164.4	1,219.1	1,114.8
Surigao del Sur	97.8	129.7	185.5	393.4	492.6	652.3	842.0	705.5	447.9	396.4
ARMM	3,860.6	4,610.9	4,880.6	5,615.9	6,143.6	6,251.8	6,529.1	6,849.1	7,115.5	7,424.5
Basilan	1,353.3	1,540.8	1,454.0	1,573.0	1,682.0	1,782.1	1,783.7	1,826.5	1,840.8	1,864.1
Lanao del Sur	137.2	138.0	152.3	156.8	164.8	161.1	160.9	217.2	266.7	273.0
Maguindanao	633.4	628.0	686.7	710.9	737.5	759.2	856.3	868.2	883.3	880.0
Sulu	1,201.5	1,386.3	1,448.9	2,110.2	2,328.5	2,337.0	2,470.0	2,437.1	2,538.4	2,698.5
Tawi-tawi	535.2	917.7	1,138.7	1,065.0	1,230.9	1,212.4	1,258.3	1,500.2	1,586.3	1,708.9

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Siganid (Samaral)										
PHILIPPINES	**24,538.9**	**29,987.2**	**27,848.8**	**24,406.5**	**24,386.9**	**24,533.4**	**24,652.2**	**25,114.0**	**24,584.9**	**23,826.7**
NCR	55.5	50.4	33.7	18.3	19.7	22.2	31.3	28.7	20.1	20.5
Metro Manila	55.5	50.4	33.7	18.3	19.7	22.2	31.3	28.7	20.1	20.5
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	1,186.5	999.1	368.1	173.7	270.2	319.9	579.0	634.5	665.1	764.6
Ilocos Norte	44.1	30.2	17.6	32.6	15.8	27.0	376.6	358.2	305.8	354.0
Ilocos Sur	206.4	25.5	2.9	49.0	64.3	78.7	48.0	29.6	12.3	15.5
La Union	226.0	218.0	25.7	30.7	27.4	25.9	10.1	8.3	9.6	11.0
Pangasinan	710.0	725.4	321.9	61.4	162.6	188.3	144.4	238.4	337.4	384.1
Cagayan Valley	9.7	22.9	21.9	175.3	168.0	159.4	141.2	127.5	123.8	118.8
Batanes	2.0	14.7	13.4	15.3	15.0	5.3	18.9	19.7	20.8	31.2
Cagayan	7.7	7.9	7.5	156.7	148.8	150.3	116.5	103.2	96.2	80.9
Isabela	..	0.3	1.0	3.3	4.3	3.7	5.9	4.6	6.8	6.8
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	158.6	127.5	101.9	72.2	49.0	47.6	60.9	60.5	63.0	60.5
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	20.8	20.0	17.0	14.2	16.7	17.4	21.2	22.3	23.9	24.1
Bulacan	..	..	..	0.2	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	137.8	107.5	85.0	57.8	32.3	30.1	39.7	38.2	39.1	36.4
CALABARZON	532.8	858.6	839.9	900.4	1,179.6	875.6	771.7	1,035.0	1,011.3	812.4
Batangas	343.1	509.4	423.1	243.1	85.3	53.8	48.2	32.6	22.9	23.0
Cavite	30.6	34.3	14.4	26.9	13.4	1.6	8.7	4.0	4.5	13.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	159.1	315.0	402.5	630.4	1,080.9	820.2	714.8	998.4	983.9	776.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	6,009.2	8,456.1	7,622.8	5,490.6	4,020.5	4,675.0	5,129.0	5,742.1	5,371.4	5,899.3
Marinduque	80.3	95.8	101.7	98.8	105.0	101.1	90.4	98.6	91.4	92.8
Occidental Mindoro	109.7	115.2	112.8	100.6	108.9	104.4	106.8	113.9	127.1	128.8
Oriental Mindoro	58.0	56.1	52.5	48.8	45.3	44.2	35.9	28.8	32.2	28.1
Palawan	5,648.1	8,064.7	7,196.8	5,114.7	3,673.6	4,330.7	4,826.4	5,439.4	5,061.8	5,575.3
Romblon	113.1	124.3	159.1	127.8	87.8	94.7	69.5	61.5	58.9	74.3
Bicol Region	6,751.0	7,274.4	5,091.9	4,008.3	3,667.0	3,950.4	3,878.1	3,855.5	3,639.6	3,773.8
Albay	313.0	252.7	137.7	147.5	115.1	85.4	50.2	23.9	..	155.9
Camarines Norte	569.0	732.9	680.1	746.9	770.2	725.0	818.8	827.4	727.6	595.6
Camarines Sur	3,806.0	4,083.3	3,152.6	1,820.1	1,658.7	1,926.4	1,957.5	1,917.5	2,015.2	1,939.1
Catanduanes	588.0	567.3	445.7	495.7	362.6	415.5	304.4	253.5	184.4	146.1
Masbate	43.0	127.7	171.4	204.6	256.5	320.0	382.1	456.0	454.1	369.2
Sorsogon	1,432.0	1,510.6	504.4	593.5	504.0	478.1	365.1	377.1	258.4	568.0
Western Visayas	634.8	725.9	715.1	1,172.9	1,130.0	854.6	605.4	786.7	834.8	880.7
Aklan	198.6	160.9	179.0	176.3	188.1	193.9	149.1	167.0	214.8	259.3
Antique	46.0	91.0	122.2	93.8	88.7	76.1	86.7	86.8	89.1	98.1
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	254.5	337.8	301.0	261.3	216.7	123.3	193.1	348.6	341.3	338.2
Iloilo	70.4	78.2	72.6	85.1	83.6	23.0	..	43.0	23.5	47.8
Negros Occidental	65.3	58.0	40.4	556.4	553.0	438.5	176.5	141.3	166.1	137.3
Central Visayas	2,599.7	3,424.6	3,800.4	3,470.6	3,658.8	3,601.5	3,941.0	3,598.8	3,398.9	3,108.2
Bohol	392.0	647.2	622.2	677.8	781.9	825.8	651.5	566.1	465.1	444.4
Cebu	2,022.8	2,581.0	2,954.4	2,618.5	2,727.1	2,640.8	3,153.6	2,905.6	2,811.0	2,527.3
Negros Oriental	92.1	98.9	124.9	74.5	66.8	49.5	44.6	35.1	25.9	24.1
Siquijor	92.8	97.4	98.8	99.8	83.1	85.5	91.3	92.1	97.0	112.4
Eastern Visayas	1,626.3	1,654.2	1,589.3	1,405.3	1,667.6	1,634.0	1,706.4	1,383.8	1,529.4	1,461.0
Biliran	19.8	0.8	44.5	6.7	99.8	1.4	0.2	0.2	0.2	0.2
Eastern Samar	645.0	592.2	522.9	411.6	646.0	653.0	549.9	497.4	553.9	435.6
Leyte	190.0	187.5	140.3	71.6	26.2	16.1	14.7	40.0	56.7	58.7
Northern Samar	251.9	267.4	378.8	352.3	360.6	359.9	400.6	406.8	426.7	437.0
Southern Leyte	242.4	197.5	166.7	96.8	81.9	88.9	69.3	27.8	10.7	16.1
Samar	277.2	408.7	336.2	466.3	453.2	514.8	671.7	411.6	481.3	513.4
Zamboanga Peninsula	831.9	1,085.4	1,302.7	1,535.1	1,328.9	1,442.8	1,034.2	1,277.8	1,574.0	1,615.5
Zamboanga del Norte	43.1	35.9	44.5	37.4	6.3	2.9	10.4	7.1	16.0	11.3
Zamboanga del Sur	383.8	432.7	489.7	540.5	422.6	463.4	475.3	542.7	567.0	540.2
Zamboanga City	241.2	380.5	475.8	565.6	424.2	423.2	168.8	150.6	401.8	437.5
Zamboanga Sibugay	163.8	236.4	292.7	391.6	475.8	553.3	379.7	577.4	589.1	626.6
Northern Mindanao	453.4	495.9	504.7	619.2	652.3	647.3	1,073.5	1,012.4	1,072.5	1,059.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	3.7	3.5	2.3	1.7	3.2	4.6	5.0	5.9	7.7	8.2
Lanao del Norte	117.9	248.7	226.5	237.8	253.9	214.7	260.5	211.8	228.4	210.9
Misamis Occidental	209.0	197.6	233.4	336.2	366.0	417.7	730.1	745.3	771.7	774.7
Misamis Oriental	122.8	46.2	42.5	43.5	29.2	10.3	78.0	49.4	64.8	65.4
Davao Region	794.5	1,041.0	1,417.1	971.0	1,204.8	771.3	596.6	502.9	464.2	240.9
Davao del Norte	21.0	49.5	14.1	22.7	51.1	27.0	34.6	27.7	19.8	10.9
Davao del Sur	238.2	549.2	1,028.6	248.6	386.3	313.9	267.8	227.0	243.0	54.4
Davao City	21.9	27.4	39.0	41.1	36.2	33.0	19.1	17.4	15.3	49.7
Davao Oriental	462.6	343.8	272.5	613.9	692.1	371.6	262.5	219.2	174.4	111.0
Compostela Valley	50.8	71.1	62.9	44.6	39.0	25.9	12.6	11.6	11.6	14.9
SOCCSKSARGEN	128.7	81.1	68.7	63.9	53.4	56.5	85.5	43.0	36.6	34.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	62.4	28.5	27.3	25.3	18.6	22.7	52.7	17.8	9.7	18.8
South Cotabato	17.2	10.0	5.8	3.9	2.0	1.8	0.9	0.8	0.8	2.8
Sultan Kudarat	49.2	42.6	35.6	34.8	32.8	32.0	31.9	24.4	26.2	13.2
Caraga	1,272.9	2,062.6	2,761.2	2,482.1	3,215.0	3,235.0	3,015.6	2,541.8	2,099.0	1,818.5
Agusan del Norte	173.4	88.9	108.2	14.9	2.5	5.8	3.7	4.1	4.2	3.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	490.4	1,107.7	1,673.7	1,373.4	2,005.5	1,901.6	1,560.5	1,084.8	1,204.0	1,128.8
Surigao del Sur	609.1	866.0	979.3	1,093.7	1,207.0	1,327.6	1,451.4	1,453.0	890.7	686.2
ARMM	1,493.4	1,627.5	1,609.2	1,847.7	2,102.1	2,240.5	2,002.8	2,483.1	2,681.2	2,158.1
Basilan	21.8	20.4	25.0	27.4	29.4	31.5	29.5	24.6	25.5	25.9
Lanao del Sur	217.3	223.3	210.6	216.8	218.0	217.9	217.6	566.8	755.1	250.9
Maguindanao	128.4	124.8	135.5	155.3	153.0	193.4	221.9	233.3	229.6	217.4
Sulu	493.3	512.7	535.8	536.1	546.1	545.7	526.5	526.6	527.6	538.8
Tawi-tawi	632.8	746.3	702.3	912.1	1,155.5	1,252.0	1,007.4	1,131.8	1,143.4	1,125.2

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Skipjack (Gulyasan)										
PHILIPPINES	**33,395.5**	**33,765.5**	**40,446.9**	**50,262.0**	**50,480.8**	**49,403.8**	**41,355.0**	**40,968.4**	**39,269.7**	**34,392.3**
NCR	30.0	43.6	15.2	26.2	111.5	244.9	132.3	103.4	61.8	166.9
Metro Manila	30.0	43.6	15.2	26.2	111.5	244.9	132.3	103.4	61.8	166.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	3,702.3	4,212.9	5,351.1	6,121.4	6,158.0	5,792.3	2,810.1	3,260.8	3,467.5	2,383.1
Ilocos Norte	1,064.8	1,483.7	2,367.1	1,966.2	2,053.8	2,226.7	759.2	803.5	1,193.9	449.6
Ilocos Sur	1,349.2	1,103.4	1,726.7	1,609.4	970.1	844.8	600.0	495.2	462.1	410.8
La Union	400.1	450.0	610.2	955.9	1,315.7	876.2	369.1	1,009.8	1,083.1	513.2
Pangasinan	888.3	1,175.9	647.1	1,590.0	1,818.5	1,844.6	1,081.8	952.3	728.4	1,009.6
Cagayan Valley	60.5	98.0	179.5	281.1	332.7	316.5	315.2	370.0	455.5	480.1
Batanes	1.5	8.2	7.5	10.6	10.7	7.9	24.9	22.9	19.3	4.8
Cagayan	59.0	89.5	168.7	258.2	304.3	295.2	277.5	336.6	422.8	462.0
Isabela	..	0.3	3.3	12.3	17.7	13.5	12.8	10.5	13.4	13.3
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,555.5	1,791.1	1,677.8	2,418.7	2,206.6	2,570.6	2,025.9	2,114.6	2,105.0	1,868.1
Aurora	233.6	273.7	274.0	275.7	307.9	296.3	232.4	227.7	236.2	240.8
Bataan	73.6	61.9	62.0	50.5	49.8	48.9	55.2	57.0	56.6	58.5
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	3.5	3.4	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1,248.2	1,455.4	1,341.8	2,092.4	1,848.9	2,221.9	1,734.9	1,829.9	1,812.2	1,568.7
CALABARZON	1,329.6	1,641.4	1,525.8	1,131.5	1,202.4	1,658.3	1,111.6	922.5	1,013.2	461.4
Batangas	635.1	533.7	504.3	868.1	913.4	1,049.7	543.4	458.6	665.4	395.3
Cavite	..	46.2	6.2	1.2	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	694.5	1,061.5	1,015.2	262.3	289.0	608.6	568.2	463.9	347.9	66.0
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	7,761.4	6,975.6	6,497.4	7,559.0	6,398.2	6,566.1	5,260.0	4,356.4	4,608.5	4,164.9
Marinduque	288.5	291.1	327.4	306.9	319.8	336.2	366.2	349.9	380.2	361.8
Occidental Mindoro	274.0	309.4	309.3	427.1	402.4	364.7	368.2	383.5	397.4	405.5
Oriental Mindoro	757.0	760.4	765.1	768.4	811.7	803.9	769.0	652.4	676.7	583.2
Palawan	6,145.3	5,353.3	4,831.5	5,673.9	4,517.0	4,775.0	3,572.6	2,781.2	2,993.9	2,691.2
Romblon	296.6	261.5	264.1	382.7	347.4	286.3	184.1	189.3	160.3	123.3
Bicol Region	2,725.2	2,687.9	2,664.2	2,576.9	2,819.2	2,503.5	3,565.5	4,091.0	3,446.1	2,232.7
Albay	416.0	421.3	622.4	390.6	539.0	281.4	226.7	41.5	..	3.2
Camarines Norte	1,110.0	1,417.2	1,017.1	1,372.5	1,390.0	1,325.6	1,225.2	1,533.5	1,428.9	1,347.7
Camarines Sur	41.0	41.8	189.4	437.8	533.1	512.7	473.7	485.6	497.7	471.3
Catanduanes	45.0	58.6	62.7	103.0	263.4	308.3	389.0	489.9	456.0	312.2
Masbate	846.0	540.3	445.2	136.9	76.2	75.5	32.1	158.9	120.5	0.5
Sorsogon	267.2	208.6	327.5	136.3	17.6	..	1,218.9	1,381.6	943.0	97.7
Western Visayas	1,088.0	1,186.1	1,339.8	2,479.5	3,714.0	3,020.3	1,675.4	2,202.7	2,321.5	2,173.5
Aklan	125.8	116.8	135.6	136.3	205.3	263.5	279.2	273.2	288.6	360.8
Antique	910.7	962.2	740.0	1,759.7	1,872.9	1,565.8	1,193.7	1,189.2	1,134.5	986.9
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	32.0	21.7	12.7	13.4	14.7	7.7	7.1	2.7	1.6	2.3
Iloilo	19.5	79.3	430.3	390.0	1,067.2	661.8	75.5	609.1	768.8	654.6
Negros Occidental	..	6.1	21.2	180.0	553.9	521.5	120.0	128.5	128.0	168.9
Central Visayas	1,182.7	287.2	287.8	228.9	181.5	131.3	131.2	142.0	147.8	178.4
Bohol	924.0	125.0	170.8	83.6	55.3	9.6	12.2	19.7	32.7	39.6
Cebu	10.8	7.5	11.6	29.8	15.7	16.2	18.0	25.8	37.5	69.3
Negros Oriental	228.9	120.3	73.6	84.1	73.0	74.9	68.6	64.3	47.0	45.8
Siquijor	19.0	34.5	31.9	31.4	37.6	30.5	32.4	32.1	30.7	23.8
Eastern Visayas	640.4	956.1	1,241.1	7,256.1	6,270.5	8,864.5	8,990.6	8,347.3	6,636.2	6,467.9
Biliran	40.8	..	..	6.6	2.2	..	..	..	..	..
Eastern Samar	295.0	654.0	944.0	6,545.2	5,410.9	8,062.7	8,310.1	7,648.7	5,888.2	5,730.9
Leyte	176.0	172.9	137.5	145.8	112.8	75.0	47.0	7.9	20.4	0.7
Northern Samar	48.6	84.1	105.6	492.4	666.6	687.6	621.2	684.7	718.9	725.4
Southern Leyte	80.0	45.0	54.1	61.0	34.0	39.2	12.3	6.1	8.6	10.8
Samar	..	..	..	5.2	43.9	..	..	..	..	..
Zamboanga Peninsula	5,101.4	4,422.7	8,939.7	8,507.3	10,784.3	8,505.8	6,021.0	4,907.6	3,852.8	3,144.2
Zamboanga del Norte	3,233.1	2,541.4	2,386.2	5,629.7	8,146.1	6,681.2	3,279.4	2,153.2	1,071.1	487.3
Zamboanga del Sur	1,540.9	1,274.4	3,054.7	2,364.0	2,584.2	1,804.2	1,717.0	1,700.8	1,678.0	1,642.5
Zamboanga City	290.7	434.5	3,222.1	478.4	..	7.4	766.0	736.6	740.2	798.5
Zamboanga Sibugay	36.7	172.3	276.7	35.2	54.1	13.0	258.8	317.1	363.6	215.9
Northern Mindanao	190.7	259.2	408.0	587.2	557.8	447.5	311.1	337.9	375.5	261.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	16.7	44.5	102.4	94.4	74.4	83.0	58.3	91.0	85.1	42.4
Lanao del Norte	57.1	93.3	176.0	202.1	202.2	152.3	152.4	156.5	159.1	137.6
Misamis Occidental	82.6	112.7	114.7	223.4	250.5	158.6	48.0	49.5	47.3	42.9
Misamis Oriental	34.3	8.6	14.8	67.4	30.7	53.7	52.4	40.9	84.0	39.1
Davao Region	839.7	1,415.7	1,548.0	949.0	785.6	915.3	1,034.3	824.3	688.1	1,434.5
Davao del Norte	55.6	79.6	203.1	73.4	162.6	154.7	108.6	79.1	51.8	27.6
Davao del Sur	328.3	573.6	718.2	67.1	150.3	105.9	241.7	65.9	8.6	232.5
Davao City	44.0	26.7	51.2	31.5	10.6	1.0	..	..	..	53.6
Davao Oriental	272.5	634.6	479.1	639.8	320.6	351.2	417.2	372.8	380.9	924.5
Compostela Valley	139.4	101.3	96.5	137.3	141.4	302.5	266.8	306.5	246.8	196.4
SOCCSKSARGEN	1,487.6	952.1	1,240.0	2,385.7	2,135.4	1,995.6	2,166.7	2,077.5	2,229.0	1,810.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1,170.0	687.8	964.6	1,996.9	1,750.3	1,522.0	1,674.2	1,444.8	1,560.1	1,077.1
South Cotabato	67.7	40.7	37.7	127.8	108.2	168.3	158.6	196.7	200.4	191.4
Sultan Kudarat	250.0	223.6	237.7	261.1	277.0	305.3	333.9	435.9	468.5	541.6
Caraga	1,878.9	2,977.7	3,738.3	4,035.5	3,316.7	2,103.0	2,185.3	2,497.0	2,992.6	2,950.2
Agusan del Norte	95.0	231.1	186.4	139.2	161.3	87.7	61.6	33.5	30.0	26.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	1,232.3	1,876.1	2,959.4	3,339.5	2,628.6	1,633.3	1,764.0	2,107.1	2,396.4	2,313.8
Surigao del Sur	551.7	870.5	592.5	556.7	526.8	382.0	359.8	356.4	566.2	609.9
ARMM	3,821.7	3,858.3	3,793.3	3,718.2	3,506.3	3,768.3	3,618.8	4,413.7	4,868.7	4,214.5
Basilan	220.9	280.2	343.8	349.4	364.9	371.9	366.9	422.5	432.8	460.7
Lanao del Sur	1,567.0	1,505.4	1,424.2	1,426.1	1,413.8	1,421.9	1,420.6	1,916.8	2,078.2	1,161.9
Maguindanao	197.1	191.5	184.2	302.1	212.6	255.3	271.4	273.5	268.2	169.7
Sulu	183.4	246.1	271.0	471.8	413.8	421.9	424.1	435.0	462.8	489.5
Tawi-tawi	1,653.3	1,635.0	1,570.1	1,168.8	1,101.3	1,297.3	1,135.9	1,365.8	1,626.7	1,932.7

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Slipmouth (Sapsap)										
PHILIPPINES	**34,911.0**	**34,061.6**	**33,925.3**	**39,355.4**	**43,829.0**	**41,608.7**	**39,286.4**	**35,737.6**	**35,819.8**	**34,468.5**
NCR	68.4	91.0	153.6	231.1	178.3	90.7	93.8	109.2	195.9	234.4
Metro Manila	68.4	91.0	153.6	231.1	178.3	90.7	93.8	109.2	195.9	234.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	455.4	720.5	364.9	349.7	174.1	380.2	153.3	239.0	302.5	156.6
Ilocos Norte	16.3	26.3	58.0	64.1	48.7	148.5	58.9	114.2	195.2	50.8
Ilocos Sur	202.4	56.2	17.9	42.0	56.3	89.5	59.1	65.5	38.6	32.5
La Union	140.1	98.6	51.2	52.3	40.5	35.8	13.0	12.2	12.4	18.5
Pangasinan	96.6	539.4	237.8	191.3	28.7	106.4	22.4	47.1	56.3	54.9
Cagayan Valley	367.3	474.5	538.9	334.1	408.4	403.4	358.9	471.1	555.7	542.2
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	356.1	463.1	534.6	329.0	403.5	399.5	355.9	468.1	552.4	538.9
Isabela	11.3	11.3	4.3	5.0	5.0	3.9	3.1	3.0	3.3	3.2
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	739.4	885.3	779.2	626.5	583.9	590.0	526.5	547.3	568.2	614.5
Aurora	115.9	100.2	75.2	77.6	76.6	63.8	59.4	58.4	60.1	58.0
Bataan	361.6	381.2	338.4	300.9	320.0	335.6	276.3	288.2	313.1	326.5
Bulacan	12.0	10.6	14.4	5.5	..	5.4	..	2.8	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	111.7	125.0	135.0	147.9	131.3	132.2	115.6	115.7	115.5	113.0
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	138.3	268.4	216.2	94.7	56.0	52.9	75.1	82.2	79.5	117.2
CALABARZON	758.9	976.5	958.1	956.4	1,391.7	1,791.8	1,537.8	1,367.7	1,494.4	1,307.8
Batangas	212.8	321.0	340.1	169.3	149.7	143.9	153.6	63.5	61.0	47.3
Cavite	36.5	98.6	53.1	69.4	75.6	43.2	29.7	40.0	35.4	48.8
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	509.6	557.0	565.0	717.7	1,166.4	1,604.6	1,354.5	1,264.2	1,398.1	1,211.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	11,281.1	9,098.8	10,405.7	9,447.0	11,081.3	9,156.7	9,952.7	7,813.5	9,446.6	7,978.6
Marinduque	62.6	103.4	107.3	97.7	95.2	94.7	98.7	91.3	97.2	96.6
Occidental Mindoro	239.8	256.1	249.0	231.3	238.8	228.4	228.6	232.6	230.5	231.1
Oriental Mindoro	204.0	210.6	199.7	208.3	218.3	206.8	242.2	255.2	284.8	261.3
Palawan	10,598.3	8,414.5	9,744.3	8,836.8	10,461.3	8,569.0	9,327.9	7,182.1	8,782.0	7,324.6
Romblon	176.4	114.2	105.4	72.9	67.7	57.9	55.3	52.4	52.1	65.0
Bicol Region	5,654.1	5,681.6	4,795.4	7,300.5	9,826.5	9,603.1	7,903.3	7,170.4	7,177.3	6,691.9
Albay	110.0	109.4	101.0	98.5	173.4	250.1	241.8	279.8	294.1	271.8
Camarines Norte	1,196.0	1,279.5	1,169.9	1,098.5	1,306.9	1,242.5	2,561.9	2,175.1	2,154.4	1,255.7
Camarines Sur	641.0	630.0	515.5	561.4	680.4	673.7	620.9	580.6	563.3	514.1
Catanduanes	531.0	552.7	422.9	216.1	186.0	90.8	75.2	63.4	23.9	23.3
Masbate	2,962.0	2,335.8	2,251.1	2,387.2	3,116.5	3,177.2	2,706.8	2,309.2	2,339.0	2,157.0
Sorsogon	214.1	774.2	335.0	2,938.8	4,363.4	4,168.8	1,696.8	1,762.3	1,802.5	2,469.9
Western Visayas	6,785.8	7,368.2	7,084.1	11,403.9	10,227.9	9,820.5	10,776.0	10,061.0	8,705.9	9,463.5
Aklan	589.6	590.6	468.1	529.3	582.8	556.3	464.0	430.2	512.7	560.4
Antique	43.4	54.3	44.2	37.4	35.0	49.6	78.1	90.6	103.8	118.6
Capiz	1,214.1	1,191.7	1,090.4	5,771.2	5,716.2	5,280.6	5,329.8	4,722.8	3,163.1	3,925.9
Guimaras	274.7	236.8	170.0	151.2	159.5	248.7	200.6	161.5	129.3	142.7
Iloilo	3,929.2	2,656.3	2,656.8	2,842.6	2,175.0	2,568.3	1,444.8	1,410.0	1,422.2	1,206.1
Negros Occidental	734.8	2,638.6	2,654.6	2,072.2	1,559.4	1,117.0	3,258.7	3,246.1	3,374.8	3,509.8
Central Visayas	362.9	335.8	375.6	567.5	884.8	753.5	467.3	490.7	397.8	454.3
Bohol	20.0	3.1	41.8	329.8	524.2	459.0	157.8	151.4	145.7	230.6
Cebu	234.9	246.3	282.2	211.4	333.3	272.6	291.7	322.0	242.2	201.7
Negros Oriental	100.7	81.9	47.2	23.0	24.5	19.3	15.0	14.4	7.3	19.6
Siquijor	7.3	4.5	4.3	3.3	2.7	2.6	2.8	2.9	2.6	2.4
Eastern Visayas	2,522.5	2,448.9	2,215.3	1,875.7	2,770.0	2,878.4	2,800.4	2,423.6	2,340.8	2,819.1
Biliran	57.0	97.2	152.0	171.0	144.5	128.7	137.9	117.5	112.5	112.2
Eastern Samar	483.0	503.8	478.8	108.0	96.2	81.2	67.7	72.9	78.3	72.9
Leyte	435.0	467.3	698.0	257.0	417.0	491.4	338.9	270.3	312.6	397.2
Northern Samar	270.5	366.2	440.9	381.4	609.8	655.8	679.3	634.6	608.5	598.2
Southern Leyte	134.7	167.0	153.4	79.3	67.0	66.4	42.4	4.1	3.1	5.3
Samar	1,142.3	847.3	292.3	879.1	1,435.4	1,454.9	1,534.2	1,324.2	1,225.8	1,633.4
Zamboanga Peninsula	3,155.0	3,127.5	2,952.8	3,268.3	3,291.0	3,073.8	2,090.9	2,512.3	2,095.3	2,108.5
Zamboanga del Norte	637.8	497.0	397.6	506.4	89.1	23.9	61.5	89.8	62.2	85.0
Zamboanga del Sur	264.9	559.3	330.7	305.1	164.6	188.4	226.3	238.7	238.4	236.4
Zamboanga City	236.6	212.0	30.2	30.9	23.3	47.8	81.5	83.7	129.8	145.5
Zamboanga Sibugay	2,015.7	1,859.2	2,194.3	2,425.9	3,014.0	2,813.6	1,721.7	2,100.0	1,665.0	1,641.6
Northern Mindanao	618.6	723.7	984.5	726.2	773.8	740.8	428.6	338.3	356.8	356.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	264.3	325.7	550.8	416.9	358.7	414.9	297.0	206.4	222.0	231.4
Misamis Occidental	340.1	396.9	427.7	300.1	398.8	309.7	123.5	127.2	123.1	114.6
Misamis Oriental	14.2	1.0	5.9	9.2	16.3	16.2	8.0	4.7	11.7	10.1
Davao Region	274.7	191.1	274.3	159.0	96.4	190.3	239.3	242.8	303.6	92.1
Davao del Norte	15.5	4.4	3.1	15.9	8.5	5.4	9.3	3.0	43.9	27.1
Davao del Sur	201.1	89.2	167.5	80.6	43.7	58.5	148.3	168.5	201.0	27.5
Davao City	14.8	26.1	11.9	5.9	3.3	16.3	14.3	6.1	4.3	1.1
Davao Oriental	14.2	17.1	42.5	22.7	10.2	86.2	46.8	48.7	41.1	22.0
Compostela Valley	29.2	54.3	49.4	33.8	30.8	23.9	20.7	16.6	13.3	14.4
SOCCSKSARGEN	190.4	182.1	158.0	157.5	160.6	177.7	143.2	140.8	109.1	120.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	30.6	37.2	33.2	26.4	30.9	33.9	15.8	15.7	8.7	3.4
South Cotabato	12.9	9.9	6.0	3.9	5.4	20.5	5.5	6.1	5.8	1.8
Sultan Kudarat	146.9	135.0	118.8	127.1	124.3	123.2	121.9	119.1	94.6	114.9
Caraga	522.1	479.8	560.2	589.0	704.5	702.7	661.4	607.6	497.8	387.8
Agusan del Norte	32.6	34.7	47.1	45.0	60.3	38.7	22.1	12.7	26.0	23.6
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	364.1	234.7	131.2	118.4	143.1	120.7	56.1	85.3	29.4	42.2
Surigao del Sur	125.3	210.3	381.9	425.5	501.1	543.3	583.2	509.6	442.5	322.0
ARMM	1,154.6	1,276.6	1,324.7	1,363.3	1,275.9	1,255.2	1,153.0	1,202.5	1,272.1	1,141.0
Basilan	101.2	94.3	102.2	109.0	105.2	100.5	94.7	62.5	56.3	54.0
Lanao del Sur	364.7	365.4	384.5	398.4	408.6	405.2	404.0	454.7	542.8	451.1
Maguindanao	110.2	112.3	212.0	227.7	236.0	206.4	216.7	220.4	223.5	184.9
Sulu	239.6	257.8	240.5	189.6	183.0	179.2	144.2	142.7	145.7	143.0
Tawi-tawi	338.8	446.8	385.5	438.7	343.2	363.9	293.4	322.2	303.9	307.9

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Snapper (Maya-maya)										
PHILIPPINES	**12,439.9**	**13,245.7**	**15,149.4**	**17,118.8**	**18,289.4**	**18,520.2**	**17,702.8**	**18,122.8**	**16,707.5**	**15,524.7**
NCR	..	..	..	0.8	0.2	0.4	0.1	0.7	0.8	1.6
Metro Manila	..	..	..	0.8	0.2	0.4	0.1	0.7	0.8	1.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	240.0	152.6	110.3	149.7	177.0	206.6	392.9	411.3	285.3	93.2
Ilocos Norte	88.2	49.2	42.7	75.2	74.0	85.0	333.9	364.9	239.9	50.3
Ilocos Sur	7.7	37.9	27.4	32.4	44.4	69.5	39.4	20.9	17.4	19.5
La Union	95.5	45.9	28.0	28.9	27.7	26.3	1.7	2.2	1.0	1.2
Pangasinan	48.6	19.6	12.2	13.3	30.9	25.9	17.9	23.3	26.9	22.1
Cagayan Valley	282.4	303.6	252.9	359.7	335.0	294.5	357.0	338.7	301.6	271.2
Batanes	23.8	18.2	14.2	16.6	16.2	4.1	9.9	10.1	11.7	25.4
Cagayan	244.1	270.2	229.6	333.1	308.4	280.8	336.0	317.8	277.1	233.4
Isabela	14.5	15.2	9.1	10.1	10.5	9.6	11.1	10.8	12.8	12.5
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	237.4	253.8	189.3	202.1	181.5	186.9	216.2	203.2	214.5	250.9
Aurora	131.2	128.8	83.3	85.5	87.5	86.1	105.7	104.0	110.5	114.5
Bataan	20.0	20.8	23.7	35.4	33.5	34.6	48.9	50.5	53.8	54.9
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	4.3	..	..	..	..	4.0	13.6	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	81.9	104.3	82.3	81.2	60.5	62.2	48.1	48.7	50.3	81.5
CALABARZON	204.1	335.0	338.3	342.4	255.1	213.3	383.8	462.0	372.7	460.9
Batangas	59.0	131.4	135.0	64.8	47.5	55.9	43.3	18.1	42.8	12.3
Cavite	3.3	14.9	1.4	5.6	6.3	4.0	1.7	0.5	0.9	0.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	141.8	188.6	201.8	272.0	201.4	153.5	338.9	443.4	328.9	448.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,773.3	2,852.8	3,940.8	4,466.6	4,747.3	5,437.3	4,626.2	4,757.4	3,899.2	3,127.3
Marinduque	28.6	32.7	32.9	24.8	27.9	26.7	26.8	31.6	32.6	38.0
Occidental Mindoro	82.0	95.4	98.8	90.5	85.5	80.0	77.3	77.2	89.9	90.3
Oriental Mindoro	52.0	63.8	53.7	61.7	73.6	73.5	60.2	59.5	60.5	52.3
Palawan	2,572.3	2,591.8	3,662.2	4,195.5	4,465.3	5,182.0	4,389.6	4,487.3	3,633.6	2,868.8
Romblon	38.4	69.1	93.1	94.2	95.1	75.3	72.3	101.8	82.7	77.9
Bicol Region	2,451.2	2,340.4	1,969.7	1,587.4	1,391.5	1,413.7	2,005.9	2,397.4	2,421.2	1,582.3
Albay	125.0	136.0	114.8	124.8	145.5	207.7	269.2	305.0	317.1	291.1
Camarines Norte	395.0	577.5	698.3	575.8	576.5	536.4	967.3	1,288.5	1,318.4	501.8
Camarines Sur	458.0	466.4	441.5	334.7	409.8	410.4	411.7	408.5	423.5	389.2
Catanduanes	569.0	431.4	299.1	173.0	186.1	182.4	177.5	161.9	141.0	119.6
Masbate	170.0	131.8	148.1	145.1	53.6	53.1	49.3	64.7	46.4	55.6
Sorsogon	734.2	597.4	267.9	233.9	20.0	23.8	131.0	168.7	174.9	225.0
Western Visayas	444.9	779.9	927.8	2,230.2	2,483.7	2,768.2	3,055.3	2,816.5	2,359.4	2,017.5
Aklan	48.1	78.7	86.6	79.7	111.4	121.1	102.8	110.0	111.3	127.1
Antique	183.6	198.5	225.0	385.2	385.5	333.4	247.1	311.6	295.2	268.8
Capiz	..	..	..	502.9	748.1	673.2	670.6	848.4	655.0	632.5
Guimaras	113.3	107.3	129.8	142.7	152.0	135.4	113.5	158.1	143.1	169.2
Iloilo	71.0	380.3	463.6	661.4	646.0	1,038.6	1,560.9	1,043.6	795.0	467.3
Negros Occidental	28.9	15.1	22.8	458.4	440.6	466.6	360.4	344.8	359.9	352.6
Central Visayas	1,496.4	1,259.7	1,063.0	1,899.5	1,905.0	1,532.9	1,066.8	1,160.3	1,003.4	1,028.8
Bohol	417.0	600.6	420.4	328.8	381.6	333.7	320.1	364.5	404.0	458.8
Cebu	816.7	436.0	426.2	1,413.6	1,392.8	1,066.9	610.6	653.7	452.6	408.1
Negros Oriental	168.3	131.3	118.7	62.6	48.3	38.9	39.6	37.9	35.0	35.1
Siquijor	94.4	91.9	97.7	94.6	82.3	93.5	96.5	104.2	111.7	126.9
Eastern Visayas	796.4	936.5	1,152.0	1,090.6	1,633.1	1,434.7	1,387.1	1,056.3	1,264.5	1,283.7
Biliran	17.1	18.7	33.3	44.4	26.7	17.6	14.0	17.4	16.7	13.7
Eastern Samar	219.0	237.5	239.6	193.3	390.3	314.7	321.4	289.8	269.5	234.6
Leyte	194.0	205.6	202.9	467.1	765.2	722.3	617.5	394.7	567.5	559.4
Northern Samar	263.2	295.2	366.3	317.6	319.4	242.1	198.5	185.9	170.8	155.2
Southern Leyte	53.1	66.6	75.4	41.9	36.0	35.8	26.0	47.6	44.6	47.8
Samar	50.0	112.9	234.5	26.4	95.4	102.1	209.7	120.9	195.5	273.1
Zamboanga Peninsula	729.4	977.6	1,223.8	1,426.2	1,498.4	1,303.9	913.5	1,005.6	1,025.4	1,047.3
Zamboanga del Norte	171.7	138.2	131.1	573.6	321.8	39.8	8.3	27.1	42.5	29.8
Zamboanga del Sur	339.0	343.8	441.0	351.1	293.8	322.4	298.1	296.7	330.0	300.9
Zamboanga City	175.0	174.6	159.8	328.5	415.8	444.0	358.4	382.6	332.1	417.8
Zamboanga Sibugay	43.8	321.0	491.9	173.0	467.0	497.7	248.6	299.2	320.8	298.8
Northern Mindanao	411.2	524.0	561.2	1,063.6	952.4	871.3	732.6	781.8	844.0	805.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	12.0	22.6	10.7	6.3	8.9	19.4	14.8	18.9	20.6	18.6
Lanao del Norte	136.0	215.4	272.1	357.8	162.0	124.1	69.2	59.7	58.6	94.9
Misamis Occidental	251.0	267.2	265.5	689.8	770.9	708.0	634.0	657.0	675.3	659.7
Misamis Oriental	12.1	18.9	13.0	9.8	10.6	19.8	14.6	46.3	89.6	31.9
Davao Region	560.5	435.2	537.7	243.1	429.3	627.3	293.9	184.1	216.7	140.9
Davao del Norte	20.2	11.0	18.4	15.0	35.5	26.3	22.2	9.7	10.8	23.1
Davao del Sur	74.0	80.9	43.0	4.8	40.8	161.3	6.6	5.7	71.5	14.2
Davao City	10.1	3.7	7.8	2.4	7.9	18.8	11.7	11.9	5.9	2.3
Davao Oriental	414.7	302.1	430.9	177.4	301.7	383.9	228.6	134.4	109.1	69.3
Compostela Valley	41.3	37.5	37.6	43.5	43.5	37.0	24.8	22.4	19.3	32.0
SOCCSKSARGEN	216.2	131.8	92.9	115.6	121.7	100.6	74.1	95.2	69.7	103.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	148.5	75.9	45.1	68.0	73.5	53.2	29.1	39.2	24.9	21.1
South Cotabato	23.2	13.5	3.9	3.4	3.0	2.0	3.6	2.3	3.0	2.6
Sultan Kudarat	44.5	42.5	43.8	44.2	45.2	45.4	41.4	53.8	41.8	79.6
Caraga	558.0	799.2	1,130.7	969.5	1,160.5	1,120.8	1,128.8	1,380.6	1,391.5	1,427.0
Agusan del Norte	206.0	69.3	41.9	24.8	37.8	24.2	16.3	11.0	39.4	42.8
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	14.6	34.8	299.0	249.6	420.4	397.1	424.5	586.8	577.5	702.6
Surigao del Sur	337.4	695.1	789.9	695.2	702.3	699.5	688.1	782.8	774.6	681.6
ARMM	1,038.7	1,163.6	1,659.0	972.0	1,017.8	1,007.9	1,068.8	1,071.8	1,037.6	1,884.1
Basilan	87.5	86.2	113.7	129.3	131.1	125.3	122.9	121.1	136.3	134.8
Lanao del Sur	19.8	..	..	..	..	..	..	..	..	830.2
Maguindanao	78.3	78.8	99.0	104.3	106.0	67.7	71.5	72.5	74.5	76.3
Sulu	364.6	369.0	359.9	429.7	390.8	359.9	339.3	336.0	337.5	340.6
Tawi-tawi	488.6	629.6	1,086.5	308.6	389.9	455.0	535.0	542.2	489.3	502.2

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Spanish mackerel (Tanigue)										
PHILIPPINES	**11,794.6**	**16,425.4**	**13,219.4**	**12,688.8**	**13,813.5**	**13,905.2**	**12,509.7**	**13,308.7**	**11,626.7**	**12,046.0**
NCR	1.4	0.8	4.3	6.0	0.4	0.6	5.6	0.3	1.9	1.3
Metro Manila	1.4	0.8	4.3	6.0	0.4	0.6	5.6	0.3	1.9	1.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	1,202.1	836.5	410.5	802.2	635.8	748.5	295.0	394.5	491.0	408.7
Ilocos Norte	143.7	50.3	51.8	111.5	94.2	118.4	40.2	149.2	258.4	125.8
Ilocos Sur	738.3	404.2	96.1	259.7	212.5	191.1	159.7	103.6	77.3	110.1
La Union	194.5	252.8	102.3	239.1	196.2	363.1	76.5	106.1	126.7	137.4
Pangasinan	125.7	129.1	160.3	191.9	132.9	76.0	18.6	35.6	28.6	35.4
Cagayan Valley	437.0	466.7	345.5	366.2	458.6	450.4	505.9	566.8	566.8	521.6
Batanes	..	..	..	..	..	..	0.6	9.3	10.6	21.7
Cagayan	426.5	450.5	323.8	343.0	432.4	426.3	479.9	531.9	528.1	472.5
Isabela	10.5	16.2	21.7	23.2	26.2	24.1	25.5	25.6	28.1	27.4
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	716.0	545.0	430.3	453.4	414.2	409.3	364.1	374.9	383.1	418.5
Aurora	117.2	114.4	78.4	80.1	94.8	90.7	108.4	109.7	116.9	120.2
Bataan	56.1	57.6	61.6	48.4	49.3	45.6	61.2	63.9	66.2	70.1
Bulacan	5.0	2.9	0.9	4.0	0.5	0.3	0.2	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	112.6	132.6	155.4	138.6	120.2	116.0	105.4	106.4	99.9	102.9
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	425.2	237.6	134.0	182.4	149.4	156.8	89.0	95.0	100.1	125.3
CALABARZON	268.2	181.1	118.2	132.8	213.6	506.7	406.9	555.7	155.1	347.9
Batangas	49.3	83.4	48.9	67.2	116.9	123.8	63.7	141.9	37.7	278.6
Cavite	11.2	5.9	0.5	0.5	..	0.6	8.0	28.0	38.7	22.1
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	207.7	91.8	68.9	65.1	96.8	382.3	335.1	385.8	78.6	47.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,634.5	2,097.5	2,305.5	2,134.3	2,618.2	3,037.1	2,032.2	1,702.3	811.3	1,302.4
Marinduque	71.0	70.7	69.7	61.1	65.1	66.6	64.6	66.4	63.9	65.7
Occidental Mindoro	19.1	24.3	32.4	27.7	27.5	25.1	19.7	15.1	14.1	14.2
Oriental Mindoro	93.0	94.3	86.1	80.5	69.3	69.9	68.0	63.3	56.6	44.1
Palawan	1,364.9	1,831.7	2,028.6	1,881.4	2,383.9	2,801.6	1,841.0	1,525.7	639.2	1,139.2
Romblon	86.5	76.5	88.7	83.6	72.4	73.9	38.9	31.8	37.6	39.2
Bicol Region	1,987.1	2,537.8	2,162.4	1,759.3	2,206.0	2,232.8	1,862.5	2,190.4	1,888.7	1,707.3
Albay	211.0	266.3	290.6	158.9	225.7	312.8	278.2	346.7	427.8	391.8
Camarines Norte	731.0	881.8	567.0	565.6	652.6	600.2	567.6	840.2	814.6	770.6
Camarines Sur	55.0	63.2	79.0	84.9	133.1	139.8	117.8	111.3	114.1	107.7
Catanduanes	683.0	908.5	837.0	499.7	721.7	716.7	715.5	756.8	410.3	323.5
Masbate	268.0	308.2	294.9	388.0	327.8	317.2	100.7	41.8	43.0	56.8
Sorsogon	39.1	109.8	93.8	62.3	145.2	146.1	82.8	93.8	79.0	56.9
Western Visayas	720.7	1,470.3	1,607.2	1,968.4	2,071.3	1,871.5	2,482.8	2,447.7	2,269.4	1,870.4
Aklan	22.2	60.8	50.6	64.4	66.1	70.8	99.8	83.9	113.3	120.7
Antique	126.8	170.9	164.4	239.6	288.3	263.7	148.6	131.6	135.9	122.6
Capiz	28.5	42.7	44.4	20.3	4.6	4.2	4.2	5.2	3.7	5.3
Guimaras	27.0	38.0	24.6	18.4	27.8	28.0	33.3	105.2	59.9	87.7
Iloilo	349.6	904.9	1,067.1	932.9	817.9	658.8	1,148.2	1,025.3	836.8	482.4
Negros Occidental	166.7	253.1	256.2	692.9	866.6	846.1	1,048.7	1,096.6	1,119.9	1,051.8
Central Visayas	414.5	289.3	285.0	108.0	110.0	125.1	146.4	122.1	106.6	101.3
Bohol	198.0	115.0	140.7	13.0	10.9	6.6	13.1	12.6	9.3	8.1
Cebu	51.3	27.0	33.1	23.2	42.8	66.6	79.4	62.8	61.5	55.2
Negros Oriental	144.5	135.8	99.2	58.4	42.1	36.5	36.4	29.8	17.2	20.7
Siquijor	20.8	11.6	12.0	13.4	14.3	15.5	17.5	17.0	18.7	17.3
Eastern Visayas	1,144.6	1,308.9	1,307.4	971.4	1,410.5	1,320.2	1,360.2	1,246.7	1,179.2	1,164.4
Biliran	20.5	25.0	18.5	40.4	16.6	9.2	1.3	1.2	1.1	0.9
Eastern Samar	328.5	378.8	339.5	92.0	126.8	127.4	327.5	328.3	210.3	247.9
Leyte	226.0	274.4	342.7	329.7	586.2	465.8	242.7	114.0	168.7	106.1
Northern Samar	358.3	382.5	419.9	283.5	429.4	424.3	381.6	394.8	389.2	384.3
Southern Leyte	126.4	99.8	99.6	65.0	82.8	112.0	148.6	177.3	179.6	170.2
Samar	85.0	148.4	87.1	160.9	168.6	181.6	258.4	231.1	230.3	255.0
Zamboanga Peninsula	1,163.6	4,672.7	1,779.9	1,944.7	1,497.7	1,077.1	859.4	884.9	976.9	1,083.0
Zamboanga del Norte	391.3	389.2	220.8	131.7	5.1	5.8	6.0	1.3	4.5	3.8
Zamboanga del Sur	571.5	448.5	495.2	540.8	385.3	331.9	464.1	497.5	535.6	535.3
Zamboanga City	139.0	3,166.2	528.1	328.4	324.5	323.2	60.6	76.4	119.5	162.8
Zamboanga Sibugay	61.8	668.9	535.8	943.8	782.8	416.3	328.6	309.7	317.2	381.2
Northern Mindanao	260.7	304.1	376.8	421.4	232.6	174.8	254.1	271.6	285.9	293.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	5.5	18.2	7.8	7.8	14.8	8.9	18.9	13.0	14.9	11.4
Lanao del Norte	84.0	81.0	196.0	287.2	155.4	75.0	154.1	161.3	150.9	147.5
Misamis Occidental	150.2	163.4	161.2	108.7	50.5	61.3	32.6	78.8	79.8	81.1
Misamis Oriental	21.0	41.5	11.8	17.7	11.8	29.6	48.5	18.6	40.3	53.3
Davao Region	381.2	437.7	510.1	340.3	425.5	369.1	243.9	285.4	214.1	242.6
Davao del Norte	24.9	15.4	32.1	37.3	79.2	71.0	47.1	30.7	12.7	30.0
Davao del Sur	33.9	35.2	14.5	11.9	43.3	32.0	..	..	..	0.6
Davao City	13.5	3.5	2.1	5.6	6.1	0.2	0.2	0.4	..	6.8
Davao Oriental	219.5	285.4	361.5	168.3	174.9	169.2	129.2	191.4	146.4	151.9
Compostela Valley	89.4	98.1	99.9	117.3	122.0	96.7	67.4	62.9	55.0	53.4
SOCCSKSARGEN	282.1	132.9	82.4	56.3	77.7	87.8	66.8	86.9	102.8	148.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	225.1	85.8	37.2	17.5	39.7	46.1	35.9	32.6	44.8	21.6
South Cotabato	15.4	4.4	4.5	1.4	0.8	0.6	..	..	0.4	4.3
Sultan Kudarat	41.6	42.6	40.8	37.3	37.2	41.0	31.0	54.3	57.5	122.6
Caraga	319.0	299.2	346.1	225.9	367.5	368.7	436.7	672.2	669.4	759.5
Agusan del Norte	45.5	27.9	23.4	11.6	17.9	13.4	20.1	17.7	13.9	13.6
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	219.0	186.4	272.2	149.1	287.5	323.7	377.3	606.1	553.2	622.5
Surigao del Sur	54.6	84.9	50.5	65.3	62.1	31.6	39.3	48.5	102.3	123.4
ARMM	861.8	844.9	1,147.9	998.2	1,074.0	1,125.5	1,187.2	1,506.3	1,524.5	1,675.3
Basilan	110.5	189.4	168.2	187.0	184.6	192.2	173.0	237.6	251.8	254.5
Lanao del Sur	61.1	62.0	66.0	70.2	70.3	69.5	70.0	167.4	249.2	202.2
Maguindanao	57.4	53.3	72.2	74.2	85.1	92.7	95.3	98.7	87.6	87.3
Sulu	107.9	116.9	111.1	74.2	75.5	77.5	76.4	71.9	69.6	69.8
Tawi-tawi	525.0	423.4	730.4	592.6	658.6	693.6	772.5	930.6	866.3	1,061.5

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Squid (Pusit)										
PHILIPPINES	**43,915.3**	**47,755.5**	**42,545.3**	**48,192.9**	**41,554.2**	**43,508.3**	**41,388.7**	**42,662.6**	**43,156.8**	**40,718.7**
NCR	155.9	224.1	133.9	154.7	75.4	107.1	96.0	83.9	204.5	184.7
Metro Manila	155.9	224.1	133.9	154.7	75.4	107.1	96.0	83.9	204.5	184.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	1,712.0	1,703.8	1,483.2	1,249.3	1,757.2	2,636.7	3,550.0	3,283.7	3,038.3	3,250.1
Ilocos Norte	56.7	39.9	102.4	16.2	9.1	9.8	51.9	154.6	139.4	114.9
Ilocos Sur	322.2	494.0	866.7	208.1	1,110.7	1,088.5	948.0	908.2	601.7	593.2
La Union	335.1	195.5	222.2	175.0	198.5	147.7	13.1	12.9	11.5	23.6
Pangasinan	998.0	974.5	291.9	849.9	439.0	1,390.7	2,537.0	2,208.1	2,285.8	2,518.4
Cagayan Valley	396.7	430.1	399.2	395.4	341.8	330.1	330.6	398.8	428.8	479.4
Batanes	..	..	..	..	..	..	3.1	5.7	2.5	1.5
Cagayan	384.7	417.9	380.5	369.6	314.5	307.7	303.1	369.8	402.1	454.2
Isabela	12.0	12.2	18.7	25.8	27.3	22.4	24.4	23.4	24.2	23.7
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,506.1	1,381.4	1,396.0	3,515.6	1,835.3	2,066.9	3,380.8	3,106.4	3,166.5	3,358.9
Aurora	104.2	98.2	90.9	84.8	95.6	84.7	69.0	69.3	78.0	81.5
Bataan	179.8	171.6	131.8	145.8	173.4	176.5	188.5	186.3	192.0	202.8
Bulacan	43.0	58.3	60.6	50.8	15.1	17.4	2.1	..	..	4.1
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	165.6	183.7	174.4	167.2	150.7	143.1	127.0	122.1	122.8	121.9
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1,013.5	869.6	938.4	3,067.0	1,400.5	1,645.2	2,994.3	2,728.7	2,773.7	2,948.6
CALABARZON	1,625.0	1,988.8	1,344.6	945.4	1,287.4	1,741.7	2,067.9	2,160.0	2,189.9	1,332.4
Batangas	366.5	822.9	577.4	307.8	355.9	367.8	637.8	498.4	371.0	155.9
Cavite	414.3	426.3	314.4	298.3	294.4	336.7	221.9	232.5	272.6	219.2
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	844.2	739.5	452.8	339.3	637.2	1,037.2	1,208.2	1,429.1	1,546.4	957.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	5,135.7	5,314.5	3,380.9	2,501.2	3,007.6	3,958.7	3,720.7	5,360.9	6,336.3	5,210.5
Marinduque	70.2	75.5	89.0	99.0	115.1	134.2	158.8	204.1	225.1	218.2
Occidental Mindoro	89.9	95.9	108.4	106.2	114.3	111.4	109.4	115.1	126.2	128.6
Oriental Mindoro	173.0	173.3	166.4	183.3	249.6	242.2	254.6	320.7	358.6	334.5
Palawan	4,712.7	4,882.4	2,913.3	2,029.2	2,436.3	3,375.0	3,143.9	4,630.0	5,480.9	4,421.2
Romblon	89.9	87.3	103.9	83.5	92.3	95.9	53.9	91.0	145.5	108.1
Bicol Region	2,843.1	4,306.2	3,730.4	3,292.1	3,736.8	3,521.9	3,334.4	3,584.6	3,819.2	3,208.0
Albay	184.0	222.5	227.8	279.8	247.2	237.1	190.7	213.5	228.2	205.4
Camarines Norte	1,049.0	1,071.8	1,079.2	866.3	1,100.8	1,011.2	1,106.2	1,435.3	1,508.6	1,103.1
Camarines Sur	237.0	234.0	149.4	211.8	258.8	225.8	230.9	217.0	219.4	201.3
Catanduanes	7.0	167.2	111.7	52.8	118.5	129.6	121.2	119.4	106.4	86.8
Masbate	1,148.0	1,850.2	1,879.5	1,796.7	1,959.8	1,869.3	1,458.6	1,274.4	1,427.9	1,249.3
Sorsogon	218.1	760.6	282.8	84.7	51.8	48.8	227.0	325.0	328.8	362.2
Western Visayas	5,096.3	5,366.7	5,550.2	5,984.0	6,740.6	6,473.7	4,904.3	5,563.9	5,403.9	5,347.7
Aklan	110.1	143.3	161.0	156.9	198.7	206.2	200.7	193.9	244.6	272.7
Antique	418.2	489.9	468.7	450.2	524.0	455.0	537.8	611.8	584.1	599.1
Capiz	578.4	588.3	547.2	1,375.2	1,635.6	1,835.8	1,728.1	1,447.1	1,549.0	1,403.8
Guimaras	198.5	195.7	164.7	159.8	152.7	276.3	162.1	64.4	49.3	29.9
Iloilo	2,803.0	2,840.8	2,783.5	2,345.0	2,507.9	2,074.8	1,538.3	2,534.9	2,290.2	1,878.2
Negros Occidental	988.2	1,108.6	1,425.2	1,496.9	1,721.7	1,625.6	737.2	712.0	686.8	1,164.0
Central Visayas	2,304.9	2,482.5	3,065.8	3,158.3	3,961.1	3,713.3	3,233.9	2,477.7	2,356.4	2,177.9
Bohol	546.0	419.3	665.1	808.2	965.0	963.2	894.2	584.6	484.1	357.2
Cebu	1,436.2	1,704.2	2,060.7	1,932.0	2,506.1	2,239.3	1,856.9	1,395.8	1,333.6	1,292.1
Negros Oriental	194.7	204.2	179.6	230.7	276.5	303.8	269.0	274.0	321.9	306.5
Siquijor	128.0	154.8	160.5	187.4	213.5	207.1	213.8	223.3	216.8	222.0
Eastern Visayas	2,949.1	3,425.2	2,608.0	2,565.6	2,457.6	2,322.4	2,945.5	3,102.9	2,499.2	2,505.3
Biliran	81.3	70.0	55.5	126.9	52.0	57.0	23.6	48.0	46.5	43.9
Eastern Samar	503.0	450.0	276.6	71.3	79.6	72.2	46.5	48.3	62.7	55.8
Leyte	464.0	913.9	406.9	96.4	34.2	121.1	141.8	51.0	118.8	173.2
Northern Samar	388.9	398.8	509.3	401.1	466.6	483.1	477.4	516.0	547.1	579.7
Southern Leyte	470.5	412.9	342.1	386.0	847.6	843.2	631.1	450.8	214.0	244.8
Samar	1,041.5	1,179.6	1,017.6	1,483.9	977.6	745.9	1,625.0	1,988.9	1,510.2	1,407.9
Zamboanga Peninsula	2,514.5	1,938.1	1,511.3	1,848.2	1,841.8	1,532.4	1,731.4	1,761.5	1,739.6	1,798.1
Zamboanga del Norte	446.2	430.7	434.6	272.9	76.7	73.6	61.5	100.1	62.0	31.1
Zamboanga del Sur	386.1	373.5	315.1	307.0	374.0	384.8	335.3	381.4	405.0	387.9
Zamboanga City	488.5	692.4	413.2	309.1	312.7	500.4	665.8	656.7	620.4	701.9
Zamboanga Sibugay	1,193.7	441.5	348.5	959.3	1,078.4	573.7	668.9	623.4	652.2	677.2
Northern Mindanao	3,492.8	3,272.7	3,238.0	8,527.8	7,334.6	7,351.8	6,135.2	6,659.5	6,216.2	5,860.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	42.9	149.2	269.2	308.7	292.4	314.9	251.8	356.3	412.9	397.6
Lanao del Norte	514.3	540.4	475.8	551.2	543.7	527.8	412.4	437.7	398.0	482.5
Misamis Occidental	705.0	772.6	819.6	5,900.4	5,221.4	5,349.2	4,766.7	5,182.7	4,764.6	4,448.8
Misamis Oriental	2,230.7	1,810.5	1,673.4	1,767.6	1,277.1	1,159.8	704.3	682.8	640.8	531.8
Davao Region	2,100.5	2,543.8	1,668.3	1,591.0	1,957.0	2,103.7	1,714.4	778.0	1,020.9	1,486.9
Davao del Norte	38.0	37.0	159.5	72.7	249.3	232.5	168.3	109.5	65.1	33.6
Davao del Sur	774.2	1,539.8	638.3	796.1	1,118.0	1,407.9	1,034.7	343.6	607.0	298.8
Davao City	9.0	17.6	4.0	0.2	2.9	5.9	2.1	1.5	2.2	2.4
Davao Oriental	1,162.9	849.7	764.4	631.0	481.6	352.3	419.2	240.9	280.1	1,082.5
Compostela Valley	116.5	99.8	102.1	91.0	105.1	105.2	90.1	82.5	66.5	69.6
SOCCSKSARGEN	1,018.0	691.7	580.6	1,519.7	1,635.2	1,665.0	1,570.6	1,696.9	1,987.7	1,572.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	905.7	599.4	466.1	1,343.5	1,485.3	1,479.0	1,340.7	1,436.5	1,691.3	1,243.9
South Cotabato	46.8	26.9	42.5	98.6	72.7	90.6	130.5	131.3	156.1	146.8
Sultan Kudarat	65.4	65.4	72.1	77.6	77.2	95.4	99.3	129.0	140.3	182.1
Caraga	10,125.8	11,564.7	10,952.8	9,721.3	2,321.2	2,741.0	1,419.8	1,397.1	1,446.1	1,335.5
Agusan del Norte	209.5	1,084.9	1,067.5	616.1	184.5	29.2	16.8	13.8	21.2	20.8
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	9,795.0	10,089.1	9,540.7	8,882.6	1,853.1	2,483.9	1,155.1	1,087.6	1,153.2	1,142.8
Surigao del Sur	121.3	390.7	344.7	222.5	283.6	227.8	247.9	295.7	271.8	171.9
ARMM	939.0	1,121.4	1,502.1	1,223.4	1,263.6	1,242.2	1,253.4	1,247.0	1,303.3	1,609.9
Basilan	207.6	210.4	173.3	196.7	197.0	193.2	206.6	167.5	163.8	171.1
Lanao del Sur	10.5	1.7	..	..	..	..	..	..	..	269.5
Maguindanao	35.4	47.1	112.2	127.1	131.8	89.3	99.8	122.1	134.2	146.6
Sulu	519.0	564.8	574.8	456.2	426.4	434.4	442.7	440.1	463.2	470.8
Tawi-tawi	166.6	297.3	641.9	443.3	508.4	525.3	504.4	517.2	542.1	552.0

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Threadfin bream (Bisugo)										
PHILIPPINES	**30,536.5**	**33,298.5**	**32,622.6**	**31,804.1**	**31,358.9**	**32,695.5**	**31,895.6**	**30,588.5**	**30,298.8**	**30,847.2**
NCR	350.4	331.2	394.1	330.1	192.8	140.4	83.4	77.8	94.2	65.9
Metro Manila	350.4	331.2	394.1	330.1	192.8	140.4	83.4	77.8	94.2	65.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	809.7	666.1	604.7	557.7	350.3	620.3	777.4	484.7	510.5	437.4
Ilocos Norte	200.1	75.1	30.8	88.5	122.2	147.3	218.0	165.9	157.5	37.5
Ilocos Sur	20.4	24.4	233.0	132.5	11.7	19.0	12.1	6.8	5.9	19.5
La Union	563.4	545.5	328.6	326.6	210.9	441.7	534.2	282.6	306.6	340.9
Pangasinan	25.9	21.1	12.4	10.0	5.5	12.4	13.1	29.4	40.5	39.5
Cagayan Valley	11.7	18.7	56.4	150.4	168.5	165.2	150.1	253.5	321.6	342.2
Batanes	..	1.3	0.3	0.4	0.4	0.4	10.1	11.3	14.9	29.2
Cagayan	5.5	9.2	50.0	140.7	158.9	156.9	130.6	233.1	296.4	302.9
Isabela	6.2	8.2	6.1	9.3	9.3	7.9	9.5	9.2	10.4	10.1
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	2,034.8	2,243.3	1,831.4	1,373.2	1,186.7	1,123.4	946.9	975.0	971.0	964.5
Aurora	179.5	183.2	153.1	130.5	136.7	122.1	91.8	89.2	89.5	88.1
Bataan	1,496.3	1,480.5	1,205.0	810.1	793.8	741.7	645.1	656.5	655.7	655.3
Bulacan	103.0	130.5	115.5	81.4	42.1	50.8	46.2	65.1	46.5	48.7
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	154.5	175.9	161.8	143.8	137.2	133.1	105.0	105.1	106.9	102.3
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	101.5	273.3	196.0	207.5	77.0	75.7	58.8	59.1	72.5	70.1
CALABARZON	3,132.7	2,212.0	1,684.0	1,323.9	1,683.2	1,459.9	1,841.3	2,436.8	2,859.9	1,668.9
Batangas	846.9	848.6	523.8	243.5	281.1	227.8	205.0	137.3	152.6	53.8
Cavite	58.4	149.3	95.0	111.9	144.6	109.6	85.7	99.5	64.8	129.2
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	2,227.5	1,214.2	1,065.1	968.6	1,257.5	1,122.5	1,550.6	2,200.0	2,642.5	1,485.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	8,054.7	10,980.9	10,355.3	8,653.4	8,811.7	9,421.5	7,000.2	6,514.7	5,454.8	6,587.2
Marinduque	99.4	100.5	81.5	70.0	72.7	79.3	56.5	66.8	69.1	73.7
Occidental Mindoro	154.9	161.5	160.2	155.4	157.3	148.0	151.4	157.6	167.4	168.2
Oriental Mindoro	475.0	491.8	490.4	450.8	495.3	462.6	415.0	383.0	387.9	307.5
Palawan	7,078.8	9,965.4	9,367.5	7,771.5	7,816.9	8,453.6	6,133.9	5,567.6	4,547.6	5,781.0
Romblon	246.6	261.6	255.7	205.7	269.4	278.0	243.3	339.7	282.8	256.8
Bicol Region	1,922.2	2,394.8	1,899.6	1,770.0	2,038.1	2,044.4	1,960.8	2,176.6	2,199.9	2,443.3
Albay	176.0	130.3	117.9	96.8	154.6	179.8	237.8	195.9	207.3	194.2
Camarines Norte	1,317.0	1,477.8	905.3	935.6	1,037.3	1,012.6	809.4	877.8	736.9	895.2
Camarines Sur	131.0	158.0	219.2	179.3	150.9	151.1	151.9	140.5	149.4	134.0
Catanduanes	53.0	82.3	76.6	64.7	88.5	89.7	61.9	67.5	58.5	44.9
Masbate	180.0	352.9	420.8	443.2	586.0	600.2	632.6	807.7	960.4	1,080.9
Sorsogon	65.2	193.6	159.8	50.5	20.7	11.1	67.3	87.1	87.4	94.1
Western Visayas	6,600.8	6,133.9	6,470.6	6,722.9	5,921.3	6,131.2	8,253.4	7,160.7	6,707.6	6,703.1
Aklan	124.9	254.2	296.6	250.3	331.0	365.3	388.1	391.4	396.4	422.9
Antique	1,404.1	1,348.4	1,165.9	821.8	696.6	805.1	828.8	773.8	743.0	683.9
Capiz	807.5	845.9	791.0	1,937.4	2,196.5	2,239.7	2,296.8	2,121.8	1,998.4	1,743.2
Guimaras	130.4	129.1	128.6	147.8	151.1	121.5	145.6	199.7	229.6	260.7
Iloilo	2,865.5	1,643.3	1,670.0	1,229.4	1,163.1	1,214.8	2,469.0	1,304.9	1,306.4	1,001.9
Negros Occidental	1,268.4	1,913.0	2,418.6	2,336.2	1,383.0	1,384.7	2,125.2	2,369.2	2,033.9	2,590.5
Central Visayas	352.3	217.4	255.3	1,363.9	1,094.4	970.0	796.6	790.5	922.6	741.0
Bohol	118.0	21.1	31.2	107.6	116.1	124.4	145.2	132.7	170.7	181.9
Cebu	145.2	115.1	153.5	1,196.8	933.7	804.4	617.9	629.9	719.6	520.4
Negros Oriental	78.4	68.0	55.7	47.5	35.1	31.5	23.6	18.1	22.9	31.3
Siquijor	10.7	13.3	14.9	12.1	9.6	9.7	9.8	9.7	9.4	7.5
Eastern Visayas	2,790.6	3,378.9	4,250.7	3,386.3	4,751.6	5,037.3	5,137.8	4,880.6	4,590.2	4,795.5
Biliran	125.0	128.0	121.2	220.4	284.4	242.5	313.0	426.0	432.1	419.1
Eastern Samar	362.0	379.9	407.4	500.2	629.6	626.2	467.3	442.0	416.9	404.3
Leyte	827.0	839.7	695.2	288.9	534.5	446.1	504.7	477.6	582.3	831.2
Northern Samar	470.3	625.1	693.8	608.1	684.4	804.8	743.1	756.6	801.2	829.2
Southern Leyte	254.1	222.9	201.0	150.6	134.9	148.9	105.7	94.6	87.3	94.4
Samar	752.3	1,183.4	2,132.2	1,618.1	2,483.8	2,768.9	3,003.9	2,683.8	2,270.6	2,217.3
Zamboanga Peninsula	2,305.7	2,273.8	2,195.2	3,697.9	2,899.8	3,355.6	2,461.1	2,314.9	2,890.4	3,083.2
Zamboanga del Norte	382.4	480.5	378.7	445.2	45.5	24.4	29.2	47.6	87.4	85.3
Zamboanga del Sur	279.3	123.7	363.2	335.1	351.0	340.1	330.7	334.3	367.5	330.8
Zamboanga City	1,402.4	1,029.0	954.9	1,508.0	1,059.3	1,203.8	630.1	584.6	832.5	941.0
Zamboanga Sibugay	241.6	640.7	498.4	1,409.7	1,444.0	1,787.2	1,471.2	1,348.3	1,603.0	1,726.1
Northern Mindanao	381.3	379.0	448.9	614.0	563.1	467.6	582.2	612.6	652.8	769.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	2.0	2.1	2.9	2.4	4.5	4.5	6.2	6.4	6.1	6.7
Lanao del Norte	5.0	60.2	144.0	148.2	109.3	90.5	30.4	30.9	28.9	27.6
Misamis Occidental	350.6	309.6	293.1	453.4	441.4	349.4	527.2	567.9	568.5	683.5
Misamis Oriental	23.7	7.1	8.9	10.0	7.8	23.3	18.5	7.3	49.2	51.4
Davao Region	142.7	221.4	228.5	153.7	88.5	70.4	95.9	128.3	107.7	60.1
Davao del Norte	18.4	2.2	6.0	3.6	10.1	5.5	4.7	3.0	2.8	1.7
Davao del Sur	38.9	28.9	39.2	42.4	9.7	9.1	32.9	32.2	25.4	10.8
Davao City	12.8	16.7	29.4	21.8	7.9	6.0	1.8	1.6	1.8	0.0
Davao Oriental	67.8	160.6	141.8	68.9	42.0	39.2	52.8	85.4	68.8	39.4
Compostela Valley	4.8	13.1	12.1	17.0	18.8	10.7	3.7	6.1	8.9	8.1
SOCCSKSARGEN	68.9	34.4	22.4	42.9	44.7	44.3	78.4	72.8	55.8	48.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	37.5	10.6	1.5	22.6	24.3	24.3	59.2	24.2	16.0	25.4
South Cotabato	9.7	2.0	4.9	3.7	2.9	3.1	4.3	3.6	3.4	1.7
Sultan Kudarat	21.7	21.9	16.0	16.5	17.6	17.0	14.9	45.0	36.4	21.4
Caraga	432.2	531.4	581.4	409.9	344.9	388.3	571.6	611.4	731.6	834.2
Agusan del Norte	6.3	2.3	3.6	1.5	4.2	1.5	4.5	2.0	12.4	24.8
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	382.2	261.6	327.1	291.4	212.1	273.9	421.7	466.5	530.9	641.8
Surigao del Sur	43.7	267.5	250.7	117.0	128.6	113.0	145.4	143.0	188.3	167.5
ARMM	1,145.8	1,281.2	1,344.3	1,254.0	1,219.3	1,255.8	1,158.7	1,097.6	1,228.2	1,303.4
Basilan	261.7	257.8	220.2	234.0	229.6	228.7	207.9	207.2	217.2	223.0
Lanao del Sur	..	26.0	28.1	33.6	34.3	32.0	33.3	..	12.7	6.3
Maguindanao	74.2	70.5	74.1	84.3	87.1	89.6	91.9	95.7	92.2	91.5
Sulu	84.4	94.1	94.0	89.4	76.6	69.3	65.5	61.6	61.7	60.9
Tawi-tawi	725.5	832.7	927.9	812.7	791.7	836.3	760.1	733.1	844.5	921.7

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Yellowfin tuna (Tambakol/Bariles)										
PHILIPPINES	**47,062.7**	**51,832.2**	**51,882.3**	**60,997.2**	**61,924.4**	**54,389.2**	**45,757.3**	**46,749.9**	**45,671.4**	**40,986.5**
NCR	62.0	15.2	16.0	40.2	258.8	477.3	356.0	122.8	84.9	158.5
Metro Manila	62.0	15.2	16.0	40.2	258.8	477.3	356.0	122.8	84.9	158.5
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	3,953.6	6,026.5	9,358.2	7,956.6	9,210.9	7,206.3	4,589.1	4,849.6	5,016.7	3,827.2
Ilocos Norte	173.0	277.2	235.9	190.9	396.4	449.9	497.2	490.7	619.0	383.2
Ilocos Sur	1,640.0	2,637.8	3,072.7	3,146.2	3,165.9	2,151.9	1,551.2	827.7	722.6	653.0
La Union	633.2	682.0	1,085.2	1,062.1	1,425.6	977.0	774.0	1,970.5	2,041.3	930.5
Pangasinan	1,507.4	2,429.4	4,964.5	3,557.3	4,223.0	3,627.6	1,766.9	1,560.6	1,633.8	1,860.5
Cagayan Valley	877.2	935.5	325.3	658.9	457.7	467.3	402.7	416.5	521.0	481.3
Batanes	3.0	17.0	13.0	17.6	16.4	2.3	2.8	4.9	8.9	11.0
Cagayan	861.7	902.0	300.0	608.8	409.3	433.8	366.9	380.0	479.8	438.5
Isabela	12.5	16.5	12.3	32.5	32.0	31.2	33.0	31.7	32.4	31.8
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,711.5	1,967.5	2,070.6	2,336.4	2,593.0	2,986.9	1,852.8	2,048.1	1,943.4	1,721.8
Aurora	309.4	333.0	461.4	392.2	416.2	357.2	318.9	322.5	327.9	329.9
Bataan	114.0	51.3	32.0	50.4	39.7	33.7	42.6	43.5	43.4	43.9
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	3.6
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1,288.1	1,583.2	1,577.2	1,893.8	2,137.2	2,596.0	1,491.3	1,682.1	1,572.2	1,344.5
CALABARZON	525.8	844.4	483.8	807.0	780.0	780.8	1,086.5	1,057.6	962.1	1,110.7
Batangas	150.8	365.4	237.6	373.1	509.2	569.2	440.5	429.6	311.4	217.2
Cavite	4.8	2.0	2.2	0.6	..	0.7	..	..	18.1	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	370.3	477.0	244.0	433.3	270.9	210.8	646.0	628.1	632.6	893.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	15,771.8	14,056.5	10,789.4	12,762.2	9,301.7	8,306.2	5,631.4	4,431.0	4,743.0	4,162.4
Marinduque	333.2	358.0	514.7	390.0	353.6	332.6	333.1	311.5	303.4	284.4
Occidental Mindoro	44.8	51.4	124.8	213.5	262.2	237.7	244.1	260.4	275.6	280.7
Oriental Mindoro	720.0	677.8	632.7	619.5	623.8	596.3	524.8	494.9	551.2	382.5
Palawan	14,554.3	12,886.1	9,428.2	11,347.8	8,004.3	7,086.1	4,489.9	3,314.8	3,568.8	3,160.9
Romblon	119.4	83.2	89.0	191.3	57.8	53.6	39.4	49.4	44.1	54.0
Bicol Region	3,108.7	2,438.5	4,553.3	3,298.9	3,112.8	2,549.8	3,692.6	4,005.3	3,476.1	2,138.6
Albay	574.0	436.9	605.6	520.5	434.0	266.8	250.4	288.4	298.4	262.6
Camarines Norte	528.0	786.8	733.4	1,061.0	1,243.1	863.7	1,079.9	1,109.0	1,110.3	713.8
Camarines Sur	21.0	21.0	2,048.5	1,163.0	790.9	733.1	667.5	645.4	648.9	596.3
Catanduanes	788.0	718.4	589.0	366.7	533.1	551.1	626.5	671.6	564.7	485.1
Masbate	1,043.0	357.1	212.2	143.5	107.9	134.0	117.9	346.6	119.6	..
Sorsogon	154.7	118.3	364.5	44.3	3.9	1.1	950.3	944.3	734.3	80.8
Western Visayas	4,212.7	3,714.4	3,349.9	4,621.9	5,617.7	4,658.9	2,644.3	2,888.8	2,622.3	2,489.7
Aklan	148.1	236.2	220.3	332.4	346.3	337.5	369.3	342.6	370.6	372.1
Antique	836.6	959.4	827.3	967.4	1,419.4	1,352.1	1,281.8	1,106.0	1,039.6	1,000.1
Capiz	..	..	..	123.3	62.6	63.6	4.4	..	..	..
Guimaras	10.7	6.4	5.8	13.6	10.1	..	..	..	..	..
Iloilo	1,372.0	1,304.7	1,135.8	2,281.5	2,393.6	1,561.4	314.5	965.1	738.3	625.4
Negros Occidental	1,845.2	1,207.7	1,160.8	903.7	1,385.6	1,344.4	674.3	475.2	473.9	492.1
Central Visayas	371.8	271.2	216.1	394.8	217.9	206.8	195.0	177.9	166.1	167.0
Bohol	100.0	15.4	22.1	30.3	6.6	2.6	4.1	4.1	3.7	4.5
Cebu	91.5	61.5	71.0	160.9	88.4	92.7	93.1	82.4	82.1	93.8
Negros Oriental	163.8	183.8	111.5	148.6	72.5	64.4	49.0	43.4	34.5	25.0
Siquijor	16.5	10.5	11.4	54.9	50.4	47.1	48.8	47.9	45.8	43.7
Eastern Visayas	4,813.8	4,678.9	3,632.4	5,167.8	10,344.9	8,128.9	7,017.9	6,628.6	4,934.3	4,591.8
Biliran	33.2	2.2	11.8	..	4.4	0.4	0.2	0.2	0.1	0.2
Eastern Samar	2,865.0	2,627.6	2,235.0	3,324.3	8,299.8	5,975.3	5,206.1	5,033.2	3,365.9	2,951.9
Leyte	229.0	315.3	353.1	420.0	520.3	670.3	448.9	524.3	614.5	697.7
Northern Samar	610.0	613.6	788.9	646.6	985.6	925.4	806.8	739.8	735.5	728.1
Southern Leyte	171.6	198.0	233.7	728.5	515.6	557.6	555.9	331.3	218.3	213.9
Samar	905.0	922.3	9.9	48.4	19.4	..	..	..	..	..
Zamboanga Peninsula	3,209.6	4,541.0	5,526.2	6,593.2	4,860.8	3,725.0	3,417.5	3,200.9	3,846.9	3,835.7
Zamboanga del Norte	1,919.9	1,053.1	350.7	1,652.0	253.6	93.3	67.7	54.3	27.4	7.1
Zamboanga del Sur	760.9	2,821.9	2,794.6	4,204.7	3,144.5	2,880.2	2,628.9	2,521.5	2,877.2	2,880.0
Zamboanga City	487.5	642.7	2,356.5	735.1	812.7	721.5	667.8	587.2	753.2	745.3
Zamboanga Sibugay	41.4	23.3	24.5	1.4	650.0	30.0	53.1	37.9	189.2	203.4
Northern Mindanao	423.8	526.8	628.6	1,478.4	1,310.2	1,418.1	1,291.1	1,080.3	1,235.2	1,098.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	107.7	156.4	83.7	144.8	282.7	245.8	202.9	80.5	350.0	196.5
Lanao del Norte	56.0	121.9	342.1	544.6	359.5	398.9	624.6	542.7	542.6	588.6
Misamis Occidental	245.0	201.1	188.1	370.0	369.5	576.9	374.8	280.5	253.3	257.9
Misamis Oriental	15.1	47.4	14.8	419.0	298.5	196.4	88.9	176.7	89.3	56.0
Davao Region	1,253.8	997.2	1,440.6	691.3	1,131.7	1,239.9	786.7	1,041.3	708.7	942.8
Davao del Norte	40.9	39.8	94.0	189.2	232.8	130.8	72.0	58.5	41.9	36.8
Davao del Sur	130.6	268.6	352.0	108.5	501.2	470.0	167.3	613.1	193.5	256.8
Davao City	52.7	19.6	14.0	57.0	24.6	31.3	11.5	9.1	25.3	3.0
Davao Oriental	868.0	567.5	884.7	201.7	236.0	390.4	389.6	212.5	322.7	542.7
Compostela Valley	161.7	101.7	95.9	135.0	137.0	217.3	146.3	148.1	125.3	103.5
SOCCSKSARGEN	1,140.5	2,503.1	1,489.9	2,752.5	1,807.1	2,066.2	2,393.0	2,771.3	3,095.5	2,084.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	849.9	2,201.8	1,190.7	2,143.4	1,288.8	1,564.4	1,896.1	2,201.9	2,545.8	1,665.2
South Cotabato	51.8	49.7	52.4	70.5	43.2	65.7	105.8	157.4	155.9	128.9
Sultan Kudarat	238.9	251.7	246.9	538.6	475.1	436.1	391.0	412.0	393.9	290.4
Caraga	2,506.3	4,896.8	4,535.4	6,344.5	4,500.7	3,197.7	3,464.7	3,529.6	3,618.1	2,883.0
Agusan del Norte	273.0	2,383.6	1,919.9	1,195.5	617.6	407.0	490.0	466.9	390.9	367.4
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	1,019.1	1,147.4	1,710.6	4,128.4	2,557.8	1,769.9	1,890.1	1,846.5	1,978.7	1,564.1
Surigao del Sur	1,214.2	1,365.8	905.0	1,020.6	1,325.3	1,020.8	1,084.6	1,216.2	1,248.5	951.6
ARMM	3,119.9	3,418.8	3,466.7	5,092.7	6,418.4	6,973.2	6,936.1	8,500.3	8,697.2	9,292.7
Basilan	231.5	292.1	348.4	381.7	372.7	350.4	317.5	341.3	347.8	332.9
Lanao del Sur	311.4	308.5	311.4	318.3	327.8	488.9	378.3	886.5	813.6	581.4
Maguindanao	254.1	253.5	287.4	292.2	279.6	277.9	297.5	319.4	329.5	344.6
Sulu	571.1	676.3	713.4	697.6	687.2	634.9	598.3	569.4	529.7	504.9
Tawi-tawi	1,751.9	1,888.5	1,806.1	3,402.8	4,751.1	5,221.2	5,344.5	6,383.7	6,676.6	7,529.0

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.4.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
PHILIPPINES	**175,969.5**	**175,707.3**	**174,617.7**	**180,977.0**	**187,870.2**	**177,580.4**	**164,366.6**	**153,125.0**	**141,393.5**	**139,112.0**
NCR	1,463.8	2,377.6	2,026.9	1,970.8	1,766.6	2,307.0	1,979.0	1,244.7	1,773.3	2,240.8
Metro Manila	1,463.8	2,377.6	2,026.9	1,970.8	1,766.6	2,307.0	1,979.0	1,244.7	1,773.3	2,240.8
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	10,236.7	11,107.2	13,548.2	15,239.8	11,167.5	9,974.4	10,809.9	9,732.7	10,147.4	10,633.8
Ilocos Norte	1,320.3	2,099.7	2,164.0	1,645.0	1,415.4	1,399.0	1,699.1	1,623.6	1,429.4	1,764.4
Ilocos Sur	1,015.4	1,780.3	3,150.0	2,617.0	2,001.2	2,192.1	1,994.9	1,478.4	1,418.1	1,461.3
La Union	1,078.2	1,170.3	1,807.3	2,862.9	1,004.7	880.2	1,090.9	765.2	821.3	796.4
Pangasinan	6,822.9	6,056.9	6,427.0	8,114.9	6,746.2	5,503.1	6,025.1	5,865.5	6,478.5	6,611.7
Cagayan Valley	4,858.1	5,466.3	6,833.6	5,014.4	5,710.6	5,679.3	3,407.8	3,191.5	3,291.2	3,401.6
Batanes	119.0	305.3	365.5	508.9	490.9	335.2	295.4	256.8	304.6	344.2
Cagayan	4,721.1	5,083.7	6,344.8	4,364.1	5,079.8	5,227.6	2,932.6	2,772.7	2,797.9	2,874.9
Isabela	18.0	77.3	123.4	141.5	140.0	116.5	179.8	162.0	188.8	182.5
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	4,349.7	5,663.3	7,409.8	5,664.4	5,808.8	6,464.4	5,887.5	5,773.5	5,658.5	6,136.8
Aurora	570.6	579.0	532.8	450.8	579.0	514.8	510.0	520.1	563.2	592.3
Bataan	1,765.5	2,064.5	3,695.8	3,259.9	3,018.4	3,444.3	3,427.4	3,466.7	3,538.3	3,718.1
Bulacan	769.0	1,822.8	1,694.6	907.8	1,177.5	1,225.0	979.4	809.2	520.7	866.5
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	387.9	356.7	371.0	355.7	324.5	319.3	304.8	283.9	283.2	239.1
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	856.7	840.2	1,115.6	690.1	709.4	961.0	665.9	693.7	753.0	720.8
CALABARZON	4,378.3	3,475.9	3,585.5	4,293.8	3,534.4	4,058.0	3,594.7	2,590.0	3,158.1	3,651.0
Batangas	1,999.4	1,737.3	2,075.9	2,059.3	2,096.0	2,093.6	1,315.4	905.5	918.5	1,260.8
Cavite	399.2	752.8	906.1	509.2	363.0	493.8	771.0	378.6	330.1	487.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,979.6	985.8	603.4	1,725.3	1,075.5	1,470.6	1,508.3	1,305.9	1,909.5	1,902.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	45,723.7	41,537.3	24,730.2	25,171.2	28,446.1	20,982.5	18,271.2	12,719.9	11,096.0	8,492.1
Marinduque	316.0	231.0	193.7	167.8	175.8	181.6	216.0	222.8	185.4	235.3
Occidental Mindoro	320.7	343.6	348.1	353.7	379.9	381.9	751.5	840.3	959.5	978.9
Oriental Mindoro	1,092.0	1,168.1	1,089.2	1,020.3	977.8	943.4	920.3	986.2	1,027.7	780.9
Palawan	43,135.8	38,991.3	22,562.5	23,191.6	26,554.2	19,122.6	16,198.3	10,469.7	8,734.2	6,340.3
Romblon	859.1	803.3	536.6	437.7	358.5	353.0	185.2	200.9	189.4	156.7
Bicol Region	5,767.4	6,734.0	11,003.6	15,535.8	16,231.2	15,049.9	14,607.0	13,679.6	12,903.8	12,259.1
Albay	397.0	603.9	810.8	347.0	127.2	138.3	141.4	168.3	139.6	114.1
Camarines Norte	193.0	3.0	299.3	140.5	106.5	66.0	..	..	..	975.8
Camarines Sur	459.0	214.8	4,697.3	6,260.7	4,476.2	3,377.1	2,824.2	2,312.8	2,110.4	1,920.3
Catanduanes	2,333.0	1,224.0	1,363.3	2,221.4	2,372.5	2,320.2	2,014.4	2,104.0	1,603.4	1,382.8
Masbate	956.0	2,788.4	2,283.1	4,859.0	5,324.0	5,028.9	2,915.4	2,414.5	2,298.1	1,545.0
Sorsogon	1,429.4	1,900.0	1,549.9	1,707.2	3,824.7	4,119.4	6,711.6	6,680.0	6,752.2	6,321.0
Western Visayas	50,777.5	44,545.7	46,503.7	45,472.0	45,100.4	44,352.2	41,948.7	41,263.0	35,911.2	32,789.8
Aklan	700.6	584.5	535.2	456.6	623.6	643.3	448.6	493.7	555.1	481.1
Antique	1,163.4	1,701.4	2,790.7	2,246.4	2,228.3	2,681.4	2,502.9	2,373.2	2,438.8	2,347.2
Capiz	3,034.0	2,956.3	2,501.1	11,144.2	13,174.8	12,378.2	9,977.2	9,494.3	8,181.2	9,409.7
Guimaras	587.3	714.9	709.6	799.9	677.8	683.1	770.5	824.7	1,087.2	1,188.3
Iloilo	32,618.5	30,858.6	30,729.9	23,750.9	18,644.2	18,649.0	16,757.2	17,708.9	12,468.5	9,526.4
Negros Occidental	12,673.7	7,730.0	9,237.3	7,074.0	9,751.6	9,317.2	11,492.3	10,368.3	11,180.3	9,837.1
Central Visayas	10,363.4	10,950.8	12,353.4	12,701.1	14,142.5	14,584.4	15,018.6	16,952.6	16,097.5	17,437.8
Bohol	587.0	2,162.1	3,011.9	2,476.8	2,783.1	2,565.6	3,276.8	5,921.5	3,981.7	4,113.1
Cebu	6,915.6	6,509.3	6,887.7	8,072.5	9,464.1	10,338.5	9,799.1	9,289.4	10,518.1	11,839.9
Negros Oriental	2,333.5	1,742.8	1,774.7	1,358.0	1,078.9	787.5	859.2	688.5	616.6	574.8
Siquijor	527.3	536.6	679.1	793.8	816.4	892.9	1,083.5	1,053.2	981.1	909.9
Eastern Visayas	9,161.4	10,214.3	6,955.2	11,793.3	9,015.2	9,521.3	7,829.8	6,063.9	5,139.5	5,615.8
Biliran	413.0	402.4	227.4	28.8	206.3	138.3	200.5	264.8	261.6	223.1
Eastern Samar	1,082.9	1,944.1	1,672.5	6,847.9	3,205.7	3,441.4	2,822.5	2,585.6	2,231.6	2,369.6
Leyte	1,889.0	1,537.0	1,067.5	396.9	596.4	490.8	619.1	436.5	412.0	393.3
Northern Samar	709.9	532.5	261.8	633.2	109.5	54.2	..	..	..	..
Southern Leyte	584.4	842.7	1,568.6	1,319.3	1,274.3	1,080.0	1,478.6	479.7	268.9	362.4
Samar	4,482.2	4,955.5	2,157.4	2,567.3	3,623.1	4,316.6	2,709.1	2,297.2	1,965.4	2,267.5
Zamboanga Peninsula	2,332.3	6,479.7	8,135.8	8,286.8	7,311.1	6,351.7	5,779.1	7,782.8	5,005.2	4,596.1
Zamboanga del Norte	1,095.7	1,103.6	1,411.0	2,207.9	3,114.8	2,330.8	768.6	2,250.7	746.2	875.8
Zamboanga del Sur	303.1	559.5	132.8	235.1	67.7	94.1	395.3	345.1	369.1	390.6
Zamboanga City	348.7	2,762.3	4,234.3	2,901.5	1,530.4	1,183.7	335.6	261.2	473.0	552.4
Zamboanga Sibugay	584.8	2,054.4	2,357.8	2,942.4	2,598.1	2,743.2	4,279.6	4,925.8	3,416.9	2,777.4
Northern Mindanao	8,000.3	8,015.9	8,630.6	5,303.2	5,862.5	5,359.0	4,678.2	3,734.2	3,168.0	3,329.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	621.2	434.1	352.0	612.9	485.1	658.4	845.8	699.9	603.8	745.3
Lanao del Norte	3,067.6	2,736.2	2,606.7	1,817.9	2,267.4	2,432.1	2,099.3	1,671.1	1,363.3	994.4
Misamis Occidental	3,501.2	4,157.6	4,865.6	2,375.4	2,877.5	1,927.1	1,218.3	990.8	908.7	851.5
Misamis Oriental	810.2	687.9	806.3	497.0	232.4	341.4	514.8	372.5	292.3	738.2
Davao Region	2,738.8	2,045.7	2,453.7	4,078.6	4,015.8	3,273.9	2,877.0	3,188.3	2,717.4	3,177.6
Davao del Norte	377.4	240.8	533.2	489.7	580.4	582.2	414.9	325.9	295.2	173.0
Davao del Sur	283.6	106.2	563.2	453.7	394.0	451.5	566.4	1,281.5	703.9	618.0
Davao City	200.9	147.7	305.1	387.1	296.7	53.2	43.6	35.7	48.3	92.3
Davao Oriental	1,478.9	1,196.1	791.8	2,437.2	2,408.1	1,862.4	1,469.0	1,262.0	1,389.7	2,103.9
Compostela Valley	398.0	354.9	260.4	311.0	336.6	324.6	383.1	283.2	280.3	190.4
SOCCSKSARGEN	900.5	664.6	656.9	776.4	975.5	534.6	420.4	419.9	381.7	568.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	760.0	543.0	547.3	632.6	828.0	385.6	286.0	239.4	143.1	154.3
South Cotabato	63.3	36.5	24.9	61.8	54.9	35.4	30.1	45.5	44.3	170.1
Sultan Kudarat	77.3	85.1	84.7	82.0	92.6	113.6	104.3	135.0	194.3	244.0
Caraga	7,192.7	8,431.8	11,301.4	8,396.5	17,128.9	17,773.6	17,981.0	15,957.4	16,495.1	16,411.2
Agusan del Norte	1,572.0	1,189.4	1,102.7	1,212.0	1,454.9	1,636.3	1,476.7	1,349.4	1,401.2	1,446.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3,282.9	4,700.9	6,826.2	3,910.8	11,942.0	11,921.7	12,100.9	9,736.1	9,103.0	9,538.6
Surigao del Sur	2,337.8	2,541.5	3,372.5	3,273.8	3,732.0	4,215.6	4,403.4	4,871.9	5,991.0	5,426.1
ARMM	7,724.9	7,997.2	8,489.3	11,279.0	11,653.3	11,314.4	9,276.8	8,831.2	8,449.5	8,370.8
Basilan	121.0	134.7	134.4	135.3	124.4	123.8	83.5	56.7	55.2	52.8
Lanao del Sur	925.9	910.0	948.8	956.2	1,000.4	1,079.4	1,012.0	549.7	311.7	5.4
Maguindanao	385.8	394.1	428.9	419.2	439.9	532.9	702.3	893.4	852.3	797.5
Sulu	5,150.1	4,357.9	4,628.8	4,320.9	4,627.8	4,830.2	4,555.2	4,390.0	4,330.8	4,191.7
Tawi-tawi	1,142.1	2,200.5	2,348.3	5,447.5	5,460.8	4,748.1	2,923.8	2,941.5	2,899.5	3,323.4

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.5.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish										
Philippines	**211,840.9**	**220,567.1**	**219,610.2**	**219,977.2**	**218,066.5**	**224,934.1**	**231,044.2**	**234,478.2**	**227,476.8**	**227,814.7**
NCR	420.7	429.5	438.6	411.2	464.3	488.0	500.3	288.4	276.4	2.0
Metro Manila	420.7	429.5	438.6	411.2	464.3	488.0	500.3	288.4	276.4	2.0
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	23,573.7	25,123.3	23,823.6	16,252.2	16,487.9	17,389.8	17,142.8	19,207.5	22,127.0	21,932.9
Ilocos Norte	43.1	134.3	119.8	76.0	63.8	41.4	63.8	73.2	71.4	14.0
Ilocos Sur	341.4	350.3	365.8	362.2	344.5	361.7	374.1	334.4	342.9	256.0
La Union	1,818.3	1,926.8	1,808.5	1,406.3	1,618.1	1,796.6	1,960.1	2,141.3	2,204.7	1,611.1
Pangasinan	21,370.9	22,711.9	21,529.6	14,407.8	14,461.5	15,190.1	14,744.9	16,658.6	19,508.1	20,051.8
Cagayan Valley	533.2	570.7	821.0	724.3	487.1	512.2	505.8	514.5	518.2	529.1
Cagayan	533.2	570.7	821.0	724.3	487.1	512.2	505.8	514.5	518.2	529.1
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	57,786.2	56,530.4	59,965.7	59,279.7	56,704.1	51,772.5	53,739.3	56,720.1	57,208.6	57,210.5
Aurora	35.3	45.0	44.8	39.0	37.9	27.6	23.4	25.3	29.2	30.9
Bataan	8,394.0	8,717.6	8,825.2	8,605.3	8,613.7	8,228.7	8,152.0	8,290.6	8,316.0	8,567.6
Bulacan	31,789.4	29,088.3	31,793.4	29,711.9	27,004.6	23,019.7	24,737.4	25,216.0	25,501.6	24,621.0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	15,196.0	16,231.3	18,085.4	19,826.4	19,566.0	19,318.5	19,129.0	19,945.9	20,003.6	20,498.8
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	2,371.5	2,448.3	1,217.0	1,097.2	1,481.9	1,178.1	1,697.5	3,242.3	3,358.2	3,492.3
CALABARZON	13,698.4	13,907.9	11,893.4	9,819.7	11,493.0	14,180.5	17,004.2	16,976.6	13,992.9	13,818.3
Batangas	74.0	43.5	15.3	..	..	2.6	..	..	..	0.4
Cavite	38.8	51.9	54.1	33.2	30.0	30.1	25.2	3.4	4.1	1.5
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	13,585.6	13,812.6	11,824.0	9,786.5	11,462.9	14,147.8	16,979.0	16,973.1	13,988.8	13,816.4
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	3,985.7	4,291.2	4,373.5	3,828.9	3,708.9	3,888.2	4,419.1	4,409.8	4,234.3	4,402.5
Marinduque	112.8	123.6	167.1	200.2	201.9	202.7	215.1	191.5	178.5	178.8
Occidental Mindoro	2,109.0	2,346.8	2,371.3	1,869.7	1,840.3	1,987.9	2,320.0	2,366.5	2,416.8	2,396.4
Oriental Mindoro	1,566.4	1,645.0	1,652.5	1,580.5	1,505.7	1,547.0	1,711.7	1,684.9	1,475.4	1,687.0
Palawan	95.1	89.9	93.2	88.5	99.4	85.2	110.3	110.7	113.6	99.6
Romblon	102.4	86.0	89.4	90.1	61.8	65.5	62.1	56.2	50.1	40.7
Bicol Region	1,861.8	2,288.1	2,543.6	3,743.6	4,194.6	4,619.8	4,926.6	5,256.4	5,569.6	5,004.3
Albay	471.4	591.6	637.7	756.8	782.7	782.6	785.2	791.8	784.4	280.0
Camarines Norte	128.0	148.1	194.8	1,238.6	1,490.6	1,775.9	1,916.7	2,102.8	2,257.7	2,407.7
Camarines Sur	611.9	782.4	864.8	839.7	923.3	1,032.8	1,165.2	1,258.8	1,342.1	1,340.5
Catanduanes	10.1	10.6	5.4	3.9	5.1	6.6	14.3	21.3	21.6	28.6
Masbate	516.6	557.9	577.9	640.4	661.3	686.8	708.5	695.3	700.2	650.0
Sorsogon	123.8	197.5	263.1	264.3	331.6	335.1	336.6	386.4	463.6	297.5
Western Visayas	67,327.7	71,067.1	67,906.6	75,997.6	73,745.8	80,853.9	80,145.5	79,507.7	73,913.5	77,043.5
Aklan	8,914.7	8,658.1	7,409.7	7,388.6	7,760.3	7,182.7	7,191.1	7,848.5	9,525.3	10,742.7
Antique	132.5	119.5	121.8	152.7	158.3	189.7	198.9	209.5	216.4	199.9
Capiz	19,110.2	20,608.7	21,473.1	22,136.6	23,487.3	25,110.9	26,234.4	27,537.6	27,359.2	30,788.6
Guimaras	1,100.0	1,440.0	1,658.9	1,755.5	1,811.1	1,614.1	1,724.2	1,573.0	1,769.8	1,749.2
Iloilo	22,342.3	23,041.0	18,750.9	24,271.1	20,854.1	24,744.0	21,625.8	17,872.4	10,116.9	8,956.0
Negros Occidental	15,728.0	17,199.9	18,492.3	20,293.2	19,674.8	22,012.5	23,171.1	24,466.8	24,926.0	24,607.1
Central Visayas	5,878.0	6,444.3	6,383.4	6,697.9	6,333.8	5,807.0	5,864.2	5,415.6	4,390.5	4,573.7
Bohol	2,736.0	3,076.2	2,834.2	2,765.9	2,782.2	2,484.4	2,480.9	2,380.6	1,491.8	1,971.5
Cebu	1,281.7	1,300.4	1,192.7	1,559.4	1,598.2	1,225.4	1,304.5	1,463.9	1,477.1	1,575.1
Negros Oriental	1,857.3	2,065.0	2,352.8	2,369.8	1,950.8	2,094.5	2,075.9	1,568.3	1,417.8	1,024.1
Siquijor	3.0	2.8	3.7	2.8	2.5	2.7	2.8	2.8	3.8	2.9
Eastern Visayas	3,205.1	4,186.8	4,822.9	5,290.2	6,268.9	7,680.7	7,653.9	7,782.7	7,140.7	5,478.6
Biliran	14.2	10.1	2.2	0.1	3.6	1.0	0.1	14.4	2.9	57.8
Eastern Samar	246.3	284.8	326.9	369.7	433.7	446.5	480.9	545.8	206.5	99.2
Leyte	1,735.8	2,053.6	2,234.9	2,237.4	2,389.5	2,591.7	2,905.0	2,932.5	2,917.9	2,428.1
Northern Samar	99.0	297.6	477.2	601.2	684.5	806.9	883.4	901.4	941.1	479.6
Southern Leyte	156.8	160.0	194.4	169.0	212.0	177.9	78.6	29.7	20.9	21.2
Samar	953.0	1,380.8	1,587.3	1,912.9	2,545.7	3,656.8	3,305.9	3,359.0	3,051.4	2,392.7
Zamboanga Peninsula	10,073.3	10,695.2	9,832.4	11,445.7	11,966.5	11,405.5	12,084.7	12,014.9	10,247.7	9,587.5
Zamboanga del Norte	623.0	759.7	863.3	1,394.8	901.6	885.0	1,077.0	1,250.3	1,332.3	1,333.0
Zamboanga del Sur	3,635.0	3,720.0	3,566.4	4,140.2	4,296.3	4,675.0	4,739.8	4,768.6	4,864.7	4,653.4
Zamboanga City	1,050.9	1,170.7	1,339.4	1,158.0	1,073.5	1,157.7	1,134.6	1,033.7	1,033.4	1,042.9
Zamboanga Sibugay	4,764.4	5,044.8	4,063.2	4,752.7	5,695.1	4,687.8	5,133.3	4,962.3	3,017.3	2,558.1
Northern Mindanao	8,025.4	9,136.8	10,090.5	10,422.0	10,886.0	10,786.8	11,161.4	10,544.4	12,667.9	14,262.3
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	4,105.0	5,039.3	5,549.4	5,781.6	6,073.7	5,109.1	5,259.2	4,331.6	4,101.2	4,439.5
Misamis Occidental	3,827.9	3,947.0	4,429.7	4,606.1	4,779.6	5,648.2	5,863.9	6,168.5	8,520.4	9,808.1
Misamis Oriental	92.5	150.4	111.5	34.3	32.7	29.6	38.3	44.4	46.3	14.8
Davao Region	5,053.5	4,804.7	4,462.0	4,793.2	4,060.9	3,844.7	3,950.6	3,838.9	3,537.2	2,674.1
Davao del Norte	1,535.8	1,454.4	1,210.5	1,183.5	1,139.4	1,097.1	1,058.2	938.0	551.7	671.3
Davao del Sur	1,628.7	1,725.2	1,378.1	1,800.8	1,034.4	1,096.3	1,232.0	1,212.4	1,424.8	890.1
Davao City	593.6	352.3	249.0	235.2	257.8	224.3	296.9	480.4	129.6	114.2
Davao Oriental	944.1	889.3	1,265.6	1,266.2	1,279.9	1,075.3	1,068.9	943.2	1,216.3	852.9
Compostela Valley	351.3	383.6	358.8	307.5	349.5	351.7	294.6	264.9	214.8	145.7
SOCCSKSARGEN	6,841.4	7,080.7	7,713.4	7,442.1	7,060.0	7,494.6	7,680.1	7,916.5	7,146.0	6,693.4
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	6,797.5	7,034.1	7,686.7	7,387.5	7,012.0	7,428.1	7,602.8	7,837.8	7,085.7	6,671.1
South Cotabato	0.2	4.4	4.1	2.6	..	..	..	4.0	..	..
Sultan Kudarat	43.7	42.2	22.6	52.0	48.0	66.5	77.3	74.7	60.4	22.3
Caraga	1,596.8	1,954.8	2,146.5	1,233.2	1,183.7	1,108.5	1,296.7	1,145.8	1,456.8	1,498.8
Agusan del Norte	596.4	857.1	973.2	376.6	367.9	368.9	594.4	484.9	643.1	655.1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	160.4	185.3	213.0	205.3	217.1	182.8	195.5	180.7	116.5	154.0
Surigao del Sur	840.0	912.5	960.3	651.4	598.8	556.8	506.8	480.2	697.2	689.6
ARMM	1,980.0	2,055.8	2,393.3	2,595.6	3,021.1	3,101.4	2,969.1	2,938.4	3,049.4	3,103.2
Basilan	460.6	494.6	435.0	467.2	466.2	487.6	339.3	257.0	242.6	269.2
Lanao del Sur	3.2	1.0	..	..	..	..	..	..	..	..
Maguindanao	1,516.2	1,560.3	1,958.3	2,128.4	2,555.0	2,613.8	2,629.8	2,681.5	2,806.8	2,834.0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**11,645.4**	**12,155.5**	**14,957.2**	**14,920.6**	**13,999.3**	**14,194.3**	**14,381.3**	**15,213.4**	**18,449.4**	**18,377.8**
NCR	64.1	118.0	132.0	57.8	124.4	313.9	411.2	366.0	316.8	0.0
Metro Manila	64.1	118.0	132.0	57.8	124.4	313.9	411.2	366.0	316.8	0.0
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1,025.3	1,131.2	1,183.0	1,211.3	1,237.6	1,205.5	1,929.6	2,501.7	6,077.1	6,368.7
Ilocos Norte	278.4	300.3	322.8	242.7	235.7	226.1	178.7	111.2	113.3	83.9
Ilocos Sur	421.5	435.2	461.3	485.8	485.3	508.0	525.0	516.7	523.3	480.9
La Union	170.1	223.4	252.7	307.9	271.2	220.7	287.1	289.2	764.6	650.9
Pangasinan	155.3	172.3	146.2	174.9	245.4	250.7	938.8	1,584.6	4,675.9	5,153.0
Cagayan Valley	2,646.9	2,904.7	2,844.0	2,803.3	2,300.4	2,355.3	2,294.5	2,245.3	2,172.3	2,088.6
Cagayan	2,646.9	2,904.7	2,844.0	2,803.3	2,300.4	2,355.3	2,294.5	2,245.3	2,172.3	2,088.6
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	4,289.7	4,348.5	6,801.2	6,732.0	6,352.5	6,176.6	6,118.6	6,432.1	6,152.4	6,129.1
Aurora	59.0	62.4	60.0	65.0	55.6	48.4	43.9	51.6	55.8	163.8
Bataan	194.3	211.5	209.4	207.4	217.1	220.1	213.0	228.0	228.0	239.2
Bulacan	786.4	708.1	1,606.9	1,814.1	1,534.2	1,332.6	1,383.4	1,543.0	1,317.2	1,266.1
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	2,987.6	3,245.2	4,905.2	4,639.4	4,543.2	4,572.6	4,477.4	4,609.1	4,551.5	4,457.3
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	262.4	121.4	19.7	6.1	2.5	3.0	0.9	0.5	..	2.7
CALABARZON	150.4	26.8	43.8	..	..	..	..	..	0.1	5.5
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	0.4	25.4	42.3	..	..	..	..	..	..	0.1
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	150.0	1.4	1.4	..	..	..	..	..	0.1	5.4
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	4.7	1.6	0.1	2.3	..	..	0.0	0.0	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	3.5	1.6	0.1	2.3	..	..	..	..	..	..
Romblon	1.2	..	..	..	..	..	0.0	0.0	..	..
Bicol Region	82.9	109.5	134.9	148.7	184.4	217.1	255.8	290.4	317.1	328.1
Albay	..	..	..	..	..	..	5.1	5.3	6.1	8.2
Camarines Norte	43.0	55.3	58.6	63.1	93.8	114.9	130.3	147.9	169.6	195.3
Camarines Sur	17.6	23.3	29.4	32.5	35.6	39.6	43.7	42.1	42.7	36.4
Catanduanes	..	0.1	2.8	0.5	1.0	1.8	6.9	12.0	13.1	20.4
Masbate	22.3	26.4	30.4	34.8	37.1	42.1	49.2	53.2	60.5	55.8
Sorsogon	..	4.5	13.7	17.8	16.8	18.8	20.6	30.1	25.1	11.9
Western Visayas	442.6	480.6	792.9	655.0	729.2	838.3	785.9	882.1	945.1	1,067.0
Aklan	30.9	30.8	27.1	32.4	37.1	37.8	43.9	44.7	50.4	64.7
Antique	10.4	11.4	17.5	25.8	23.1	25.8	33.0	37.1	39.0	37.7
Capiz	117.5	136.5	142.6	170.8	161.0	179.2	201.8	214.4	177.8	190.9
Guimaras	10.5	15.7	29.1	27.1	16.7	12.1	20.0	13.6	16.6	13.8
Iloilo	23.2	24.8	31.2	24.1	32.8	54.4	81.3	64.0	32.1	25.6
Negros Occidental	250.1	261.4	545.4	374.8	458.5	529.0	406.0	508.3	629.2	734.4
Central Visayas	118.8	118.2	122.6	135.3	179.9	191.3	163.4	103.1	58.4	101.2
Bohol	84.0	97.3	98.5	90.9	150.6	167.3	144.9	85.2	44.9	92.6
Cebu	17.3	9.1	13.8	33.6	15.6	12.5	8.1	8.4	6.1	5.8
Negros Oriental	17.5	11.8	10.2	10.8	13.7	11.4	10.3	9.5	7.3	2.8
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	2.1	32.4	56.8	67.2	67.3	62.6	61.2	64.1	47.2	36.6
Biliran	0.6	0.4	0.2	0.1	0.6	0.0	0.0	..	..	..
Eastern Samar	..	16.7	24.6	24.9	22.0	23.7	19.3	24.1	12.9	1.4
Leyte	..	6.2	11.0	19.8	18.4	9.9	9.8	7.0	..	..
Northern Samar	1.5	9.1	21.0	22.4	26.3	28.9	32.2	33.0	34.3	35.2
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	1,785.5	1,784.9	1,836.6	2,170.7	1,775.9	1,694.3	1,164.9	1,161.4	1,172.9	1,106.3
Zamboanga del Norte	33.0	29.2	29.7	43.2	55.7	56.3	53.1	38.0	26.3	18.3
Zamboanga del Sur	652.0	707.7	789.0	919.8	964.2	960.6	965.5	979.1	1,042.3	1,006.7
Zamboanga City	26.6	30.1	32.7	20.2	21.0	19.4	18.5	17.4	17.2	16.6
Zamboanga Sibugay	1,073.9	1,018.0	985.2	1,187.5	735.0	658.1	127.7	127.0	87.1	64.7
Northern Mindanao	277.5	305.4	400.8	438.0	468.0	580.9	504.4	428.4	372.6	539.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	230.7	249.0	345.0	379.5	395.6	519.8	467.6	362.6	304.2	434.3
Misamis Occidental	45.8	51.1	53.4	55.0	53.1	54.1	36.9	65.7	66.9	72.3
Misamis Oriental	1.0	5.3	2.5	3.5	19.3	7.0	..	0.2	1.5	33.2
Davao Region	233.8	250.3	169.4	88.6	190.4	161.6	174.3	202.2	312.2	306.8
Davao del Norte	155.0	69.5	27.4	26.1	26.3	27.3	25.7	20.5	21.3	32.9
Davao del Sur	44.0	131.4	124.3	42.7	144.6	112.1	115.5	58.5	49.7	45.2
Davao City	27.4	39.0	8.2	11.3	7.0	6.2	19.5	111.6	234.1	225.2
Davao Oriental	3.0	5.5	3.4	3.6	1.8	3.2	2.7	3.5	1.7	0.3
Compostela Valley	4.4	4.9	6.1	5.0	10.7	12.8	10.9	8.1	5.4	3.2
SOCCSKSARGEN	384.1	373.3	231.8	222.1	187.8	237.2	338.3	397.7	373.8	167.7
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	154.6	183.4	217.1	215.0	181.6	223.9	246.2	244.2	224.0	119.1
South Cotabato	..	..	..	..	..	6.0	85.6	146.2	146.3	45.6
Sultan Kudarat	229.5	189.9	14.7	7.0	6.2	7.4	6.5	7.3	3.5	3.0
Caraga	16.2	47.1	56.6	31.6	29.8	37.1	54.8	12.9	7.0	5.0
Agusan del Norte	1.5	8.7	13.4	10.0	8.6	26.9	42.6	1.1	2.5	1.4
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	14.2	16.1	18.7	21.6	21.2	10.2	11.7	11.0	4.4	3.1
Surigao del Sur	0.5	22.2	24.5	..	..	..	0.5	0.8	0.0	0.5
ARMM	120.8	123.1	150.9	157.1	171.9	122.5	124.5	125.9	124.7	127.6
Basilan	1.6	1.3	1.1	1.2	1.2	1.2	0.7	0.7	0.7	1.1
Lanao del Sur	12.2	8.2	8.9	9.1	9.3	9.1	9.2	6.7	3.7	1.9
Maguindanao	107.0	113.7	140.9	146.8	161.4	112.2	114.7	118.5	120.3	124.6
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tiger prawn										
Philippines	**38,209.1**	**39,825.1**	**45,342.4**	**47,829.7**	**48,161.8**	**47,494.7**	**48,196.6**	**49,466.9**	**47,843.4**	**49,527.3**
NCR	4.0	6.1	5.7	2.7	2.8	..	0.1	..	0.7	..
Metro Manila	4.0	6.1	5.7	2.7	2.8	..	0.1	..	0.7	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	417.8	435.3	497.0	800.5	834.9	925.8	1,347.1	1,511.0	2,413.6	2,100.8
Ilocos Norte	..	0.0	..	0.1	0.1	1.6	1.9	1.9	2.8	0.6
Ilocos Sur	0.8	0.9	1.2	1.0	0.8	1.0	1.0	1.1	1.1	1.0
La Union	1.2	2.4	3.1	2.1	2.0	2.4	1.3	1.3	1.4	0.5
Pangasinan	415.8	432.0	492.8	797.4	832.0	920.9	1,343.0	1,506.7	2,408.3	2,098.7
Cagayan Valley	136.1	143.8	87.5	69.7	54.8	54.0	48.4	46.8	45.6	44.5
Cagayan	136.1	143.8	87.5	69.7	54.8	54.0	48.4	46.8	45.6	44.5
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	17,567.8	18,997.3	23,424.5	24,231.9	24,763.6	24,998.5	24,813.2	24,830.3	24,247.7	23,905.1
Aurora	165.1	168.7	179.3	..	..	..	..	..	..	..
Bataan	1,095.0	1,075.1	1,066.7	1,001.5	970.2	897.8	888.9	901.2	880.0	874.4
Bulacan	286.0	407.9	3,591.6	3,769.0	4,758.8	5,205.6	5,253.3	4,649.1	3,979.7	3,472.0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	16,006.0	17,336.6	18,546.5	19,460.6	19,030.1	18,894.7	18,653.4	19,266.7	19,378.7	19,546.5
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	15.7	9.1	40.4	0.8	4.5	0.5	17.5	13.3	9.3	12.1
CALABARZON	1,176.1	1,105.3	198.5	209.1	237.6	80.9	695.0	256.8	57.9	73.8
Batangas	100.0	75.6	115.9	109.8	114.9	2.1	..	..	..	..
Cavite	5.3	11.2	11.4	7.2	5.0	3.7	3.3	0.6	0.9	0.6
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	1,070.8	1,018.5	71.2	92.0	117.7	75.1	691.7	256.2	57.0	73.2
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	706.6	697.4	693.3	699.8	603.9	654.2	666.7	425.1	285.5	564.0
Marinduque	87.0	83.6	93.9	97.8	98.3	97.7	99.5	92.3	86.7	83.9
Occidental Mindoro	27.4	27.5	..	..	..	..	..	..	..	..
Oriental Mindoro	577.8	574.7	590.7	593.9	496.0	544.9	552.5	313.7	177.7	459.6
Palawan	14.4	11.6	8.7	8.0	9.5	11.5	14.2	18.6	21.1	20.5
Romblon	..	..	..	..	..	0.1	0.5	0.5	..	..
Bicol Region	478.7	531.5	774.5	1,009.6	1,156.2	1,277.3	1,489.1	1,602.3	1,622.7	1,593.9
Albay	..	..	7.2	9.3	9.6	9.6	9.7	7.1	6.6	1.1
Camarines Norte	129.0	121.7	190.2	464.7	573.4	695.6	776.9	869.2	940.9	1,024.7
Camarines Sur	192.4	229.4	364.1	330.9	342.8	353.2	383.0	379.5	364.1	324.9
Catanduanes	8.0	8.1	10.3	9.9	13.4	21.0	23.0	25.5	22.7	26.4
Masbate	74.3	75.1	69.6	74.1	77.0	75.2	78.6	78.1	79.6	62.6
Sorsogon	75.0	97.2	133.1	120.7	140.1	122.8	217.9	242.9	208.8	154.2
Western Visayas	791.4	770.6	1,950.9	2,029.8	2,006.6	1,919.0	2,109.6	2,094.9	1,877.4	1,702.1
Aklan	355.9	309.8	288.9	311.1	345.1	448.7	566.9	661.8	586.9	662.0
Antique	17.5	10.8	5.8	6.5	3.7	3.7	3.8	4.0	4.4	3.9
Capiz	245.1	255.3	1,477.5	1,525.5	1,431.2	1,352.6	1,450.7	1,333.4	1,253.3	1,007.5
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	16.5	18.1	18.2	8.4	96.1	4.9	3.7	2.3	0.7	0.4
Negros Occidental	156.4	176.6	160.6	178.2	130.6	109.1	84.4	93.4	32.2	28.2
Central Visayas	1,763.3	1,809.9	2,167.2	1,790.0	1,351.1	1,056.4	1,087.1	594.1	252.6	234.5
Bohol	1,274.0	1,030.4	1,682.7	1,330.0	881.8	407.0	406.0	252.1	99.1	85.1
Cebu	375.3	390.9	410.4	439.5	406.3	525.3	575.4	262.5	117.4	114.4
Negros Oriental	114.0	388.6	74.1	20.5	63.0	124.1	105.8	79.5	36.1	35.0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	360.0	451.8	470.8	480.8	392.3	318.1	262.5	212.8	125.3	122.1
Biliran	5.3	1.1	..	0.9	1.0	0.7	0.9	0.0	0.0	0.4
Eastern Samar	..	1.0	1.1	1.1	1.1	1.3	..	..	..	..
Leyte	214.7	221.7	230.4	230.9	205.2	161.9	159.1	146.4	125.2	121.8
Northern Samar	25.6	34.0	31.6	11.5	17.5	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	0.1	..	..	..
Samar	114.4	194.0	207.7	236.3	167.5	154.2	102.4	66.5	..	..
Zamboanga Peninsula	6,403.4	5,660.1	5,372.2	6,670.9	7,280.9	6,661.9	4,921.3	4,081.3	3,971.4	3,880.7
Zamboanga del Norte	52.0	44.2	42.6	44.9	27.0	25.2	29.3	23.6	20.8	14.0
Zamboanga del Sur	2,976.0	3,021.1	2,728.6	3,099.5	3,105.9	3,366.7	3,355.4	3,377.0	3,601.8	3,503.9
Zamboanga City	20.6	22.5	23.7	44.3	40.2	47.3	43.1	28.2	28.4	28.4
Zamboanga Sibugay	3,354.8	2,572.3	2,577.3	3,482.2	4,107.9	3,222.8	1,493.5	652.5	320.5	334.4
Northern Mindanao	6,162.0	7,406.1	7,883.0	8,736.1	8,530.3	8,678.9	9,991.4	13,074.9	12,207.1	14,706.4
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	4,502.0	5,654.2	6,258.2	7,074.4	6,760.9	6,659.5	7,818.3	11,519.3	10,556.7	13,380.0
Misamis Occidental	1,652.5	1,744.1	1,619.3	1,659.0	1,738.1	2,019.4	2,173.1	1,555.6	1,650.4	1,326.5
Misamis Oriental	7.5	7.8	5.5	2.7	31.3	..	..	..	..	..
Davao Region	130.3	29.8	43.9	36.2	35.0	34.3	26.2	21.5	19.4	54.7
Davao del Norte	18.6	18.2	35.5	33.7	32.7	31.3	23.1	19.6	18.4	54.3
Davao del Sur	93.4	6.6	..	..	..	0.0	..	..	..	..
Davao City	7.9	1.4	6.0	..	..	..	..	..	..	..
Davao Oriental	7.8	0.0	..	..	..	..	0.0	0.0	..	0.0
Compostela Valley	2.6	3.6	2.4	2.5	2.3	3.0	3.0	1.9	1.0	0.4
SOCCSKSARGEN	541.0	302.4	319.9	57.4	12.8	24.8	2.6	2.2	1.7	4.1
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	377.0	184.8	210.6	10.3	11.0	6.9	..	..	..	..
South Cotabato	157.0	111.6	105.0	45.0	..	15.0	..	..	..	..
Sultan Kudarat	7.0	6.0	4.4	2.1	1.8	2.9	2.6	2.2	1.7	4.1
Caraga	1,348.8	1,270.0	1,231.4	767.1	647.4	537.1	466.5	454.8	451.2	273.5
Agusan del Norte	690.8	594.1	540.6	204.9	134.7	104.1	83.2	58.6	51.1	47.9
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	81.0	81.2	86.0	94.7	97.6	39.7	31.3	22.8	31.4	53.6
Surigao del Sur	577.0	594.7	604.8	467.5	415.1	393.3	352.1	373.4	368.7	172.0
ARMM	221.8	207.8	222.1	238.3	251.8	273.5	269.9	258.2	263.9	267.2
Basilan	23.2	25.4	21.3	22.1	21.4	21.7	20.7	19.9	20.1	20.2
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	198.6	182.4	200.8	216.2	230.3	251.8	249.3	238.3	243.7	247.0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mudcrab										
Philippines	**7,782.2**	**9,267.2**	**11,618.2**	**13,720.2**	**14,436.5**	**15,730.9**	**16,359.6**	**15,794.0**	**16,159.7**	**16,198.5**
NCR	..	1.4	..	0.2	2.1	..	..	..	..	..
Metro Manila	..	1.4	..	0.2	2.1	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	25.2	24.4	15.3	9.1	8.0	9.0	8.2	8.8	11.2	12.1
Ilocos Norte	..	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
Ilocos Sur	..	..	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
La Union	..	0.1	0.3	0.4	0.4	0.5	0.1	0.1	0.1	0.1
Pangasinan	25.2	24.1	14.7	8.4	7.3	8.3	7.9	8.5	11.0	11.9
Cagayan Valley	87.3	96.2	84.0	56.9	55.7	58.6	55.3	52.5	50.8	49.5
Cagayan	87.3	96.2	84.0	56.9	55.7	58.6	55.3	52.5	50.8	49.5
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	3,092.9	3,390.9	3,978.5	4,157.9	4,133.7	4,156.1	4,017.3	4,096.5	4,069.9	4,179.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	116.0	122.0	127.8	126.0	123.0	124.0	122.6	125.0	125.5	130.8
Bulacan	52.5	58.4	42.3	29.9	82.6	71.7	59.4	70.2	73.3	65.7
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	2,924.4	3,210.5	3,801.4	3,999.7	3,926.8	3,956.7	3,833.0	3,896.9	3,865.4	3,977.5
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	0.1	7.1	2.2	1.3	3.7	2.3	4.4	5.8	5.9
CALABARZON	49.3	50.3	51.6	43.2	34.4	36.0	24.6	25.0	27.0	38.4
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	0.4	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	49.3	50.0	51.6	43.2	34.4	36.0	24.6	25.0	27.0	38.4
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	2.6	1.7	1.5	2.2	1.8	2.4	5.6	5.9	6.2	7.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	0.3	1.3	1.0	0.7	0.2
Palawan	2.6	1.7	1.5	2.2	1.8	2.1	4.1	4.8	5.6	7.4
Romblon	..	..	..	..	..	..	0.2	0.1	..	..
Bicol Region	1,627.1	1,551.4	1,620.4	1,614.4	1,899.6	1,578.0	1,390.7	1,352.3	1,518.5	1,239.1
Albay	..	12.9	14.5	16.1	16.5	16.3	16.5	15.6	14.0	2.0
Camarines Norte	108.0	123.0	121.9	131.3	170.2	185.8	206.1	229.2	246.2	263.2
Camarines Sur	142.3	173.8	195.4	175.9	197.5	221.5	241.8	240.7	235.9	212.1
Catanduanes	5.5	4.8	11.1	9.7	12.8	16.6	81.6	116.6	87.0	96.1
Masbate	47.4	51.5	53.9	57.5	59.5	61.2	65.7	66.9	69.9	68.5
Sorsogon	1,323.9	1,185.5	1,223.5	1,224.0	1,443.1	1,076.7	779.1	683.3	865.5	597.3
Western Visayas	181.4	195.8	1,233.4	1,276.7	1,200.5	1,683.4	1,874.3	1,689.3	1,814.5	1,602.1
Aklan	9.4	6.9	7.9	8.6	8.7	9.6	12.7	25.2	31.1	41.1
Antique	3.6	7.4	7.2	7.9	7.9	7.1	7.5	7.8	8.0	8.0
Capiz	153.8	163.4	1,194.0	1,230.1	1,163.4	1,651.7	1,831.6	1,638.7	1,764.8	1,544.2
Guimaras	4.9	7.0	13.7	19.1	10.4	7.9	12.9	13.1	8.3	6.6
Iloilo	6.2	7.3	6.4	6.2	4.5	..	1.7	3.0	1.0	1.4
Negros Occidental	3.5	4.0	4.4	4.8	5.5	7.2	7.9	1.5	1.2	0.8
Central Visayas	4.6	4.4	2.1	2.3	8.1	3.6	4.4	4.9	4.7	4.3
Bohol	4.6	4.0	1.9	2.0	8.1	3.6	4.3	4.9	4.6	4.2
Cebu	..	0.4	0.2	0.3	0.0	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	0.0	0.0	0.1	0.1
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	190.9	267.5	290.8	345.6	412.3	409.1	370.7	653.2	485.7	299.3
Biliran	0.1	0.8	0.0	..	..	..	..	..	..	0.2
Eastern Samar	109.2	109.0	112.6	120.9	155.9	170.6	91.6	83.2	31.4	1.8
Leyte	1.6	1.5	5.2	16.8	8.5	8.1	5.8	3.8	2.1	1.7
Northern Samar	64.0	94.2	108.3	132.1	163.4	151.0	185.8	190.1	190.8	134.7
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	16.0	62.0	64.7	75.8	84.4	79.4	87.6	376.1	261.5	161.1
Zamboanga Peninsula	120.3	115.7	122.5	236.7	255.3	246.8	284.1	277.6	235.3	234.4
Zamboanga del Norte	7.3	5.4	4.2	4.3	4.6	5.4	5.3	5.5	6.4	3.8
Zamboanga del Sur	45.0	46.8	39.2	48.4	48.0	48.6	48.2	49.3	60.2	58.4
Zamboanga City	22.0	24.3	26.4	68.1	73.1	90.6	87.8	81.4	88.1	103.5
Zamboanga Sibugay	46.0	39.2	52.7	115.9	129.7	102.3	142.8	141.5	80.6	68.7
Northern Mindanao	2,255.0	3,397.5	4,020.7	5,778.0	6,150.0	7,280.4	8,084.3	7,409.0	7,739.4	8,336.1
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	1,820.8	2,945.8	3,552.2	5,292.7	5,643.2	6,722.6	7,505.0	6,486.1	6,692.5	7,101.2
Misamis Occidental	434.2	451.6	468.5	485.3	506.8	557.9	579.3	922.9	1,046.9	1,234.9
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	12.4	6.3	3.5	3.9	3.6	3.8	3.7	3.4	1.6	2.6
Davao del Norte	12.2	5.9	2.1	2.9	2.9	3.3	2.9	2.8	1.6	2.5
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	0.2	1.2	0.8	0.4	..	0.0	0.0	..	0.0
Compostela Valley	0.2	0.2	0.2	0.1	0.4	0.5	0.7	0.6	..	0.0
SOCCSKSARGEN	..	0.1	0.4	0.4	0.3	0.3	0.5	0.6	0.5	0.6
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	0.1	0.1	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	0.3	0.4	0.3	0.3	0.5	0.6	0.5	0.6
Caraga	121.0	151.7	180.0	174.7	189.1	180.6	156.0	131.7	109.8	107.4
Agusan del Norte	..	13.0	13.1	17.6	12.4	14.8	18.4	21.0	24.7	28.5
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	30.5	27.4	29.7	33.0	32.8	23.0	23.8	23.6	11.9	19.0
Surigao del Sur	90.5	111.3	137.2	124.1	143.8	142.9	113.8	87.1	73.2	59.9
ARMM	12.2	12.1	13.6	18.3	82.1	82.9	80.2	83.4	84.8	85.2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	12.2	12.1	13.6	15.1	78.1	80.0	80.2	83.4	84.8	85.2
Sulu	..	..	..	3.2	4.0	2.9	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Endeavor prawn										
Philippines	**798.3**	**715.3**	**786.1**	**801.3**	**689.4**	**689.8**	**778.5**	**757.2**	**1,150.6**	**950.3**
NCR	..	..	0.1	..	..	..	..	0.0	..	..
Metro Manila	..	..	0.1	..	..	..	..	0.0	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	70.0	55.2	55.6	48.0	46.0	47.5	54.3	58.9	69.7	61.9
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	51.1	34.9	36.4	33.9	33.6	33.7	38.9	41.8	51.8	40.9
Pangasinan	18.9	20.3	19.2	14.2	12.4	13.8	15.4	17.1	17.9	21.0
Cagayan Valley	63.4	68.7	107.2	107.2	91.6	97.4	94.5	96.0	94.0	90.6
Cagayan	63.4	68.7	107.2	107.2	91.6	97.4	94.5	96.0	94.0	90.6
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	252.3	116.0	107.0	106.1	106.9	108.5	110.7	115.0	118.3	123.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	98.0	98.0	101.1	103.9	106.7	108.0	110.7	115.0	118.3	123.7
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	1.3	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	153.0	18.0	5.9	2.2	0.2	0.5	..	..	..	..
CALABARZON	135.7	148.3	141.5	135.1	131.7	88.1	141.6	126.1	506.1	323.2
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	135.7	148.3	141.5	135.1	131.7	88.1	141.6	126.1	506.1	323.2
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.2	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0.2	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	117.2	132.1	176.4	143.3	145.9	155.3	162.0	154.4	159.0	148.0
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	29.8	1.2	..	..	..	..	..	..
Camarines Sur	62.5	71.1	81.5	70.4	69.3	69.9	67.8	54.7	48.3	40.4
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	54.7	61.0	64.6	71.6	76.6	85.4	93.6	99.6	110.8	107.6
Sorsogon	..	..	0.5	0.1	..	..	0.5	..	0.0	..
Western Visayas	73.7	82.9	82.8	123.4	107.5	146.0	165.5	159.2	160.8	151.7
Aklan	9.7	10.9	13.9	20.7	20.3	25.6	29.7	32.7	23.4	25.6
Antique	6.6	8.5	10.6	7.8	7.7	7.0	7.2	8.1	7.2	5.8
Capiz	26.2	30.4	34.6	47.8	47.4	57.9	63.3	68.6	77.3	85.4
Guimaras	7.3	8.4	10.9	14.9	8.2	6.4	8.9	7.3	8.3	4.8
Iloilo	19.1	19.3	7.2	25.9	16.5	41.3	46.8	36.4	38.9	27.1
Negros Occidental	4.8	5.4	5.6	6.4	7.4	7.9	9.7	6.2	5.7	3.1
Central Visayas	..	..	..	..	..	..	0.0	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	0.0	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	0.2	..	..	..	..	..	0.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	0.2	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	0.1
Zamboanga Peninsula	..	..	..	6.0	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	6.0	..	..	..	..	..	..
Northern Mindanao	68.3	74.0	73.7	88.3	25.4	15.9	26.0	23.2	24.4	27.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	62.3	64.8	64.9	69.6	6.4	6.4	12.1	14.4	14.4	24.1
Misamis Occidental	6.0	9.2	8.7	18.7	19.1	9.5	13.9	8.8	10.0	3.4
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	17.5	24.1	17.8	18.0	16.8	18.5	15.9	17.9	12.8	13.8
Davao del Norte	13.6	21.3	14.6	15.2	11.3	10.9	9.7	11.2	8.9	12.6
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	0.3
Compostela Valley	3.9	2.8	3.3	2.8	5.4	7.6	6.2	6.7	3.9	1.0
SOCCSKSARGEN	..	..	..	0.1	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	0.1	..	..	..	..	..	..
Caraga	..	14.0	24.1	25.6	17.7	12.7	8.0	6.5	5.4	9.9
Agusan del Norte	..	..	0.8	0.7	0.4	0.5	0.3	0.2	0.3	0.4
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	14.0	23.3	24.9	17.3	12.2	7.7	6.3	5.1	9.5
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
White shrimp										
Philippines	**1,646.7**	**2,114.8**	**2,070.0**	**2,204.5**	**2,076.5**	**1,974.1**	**1,878.6**	**1,871.0**	**1,826.7**	**1,646.0**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	81.6	64.1	13.5	13.2	12.4	12.3	27.8	35.9	30.2	15.4
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	76.1	55.4	6.4	7.5	6.9	7.4	22.7	28.5	19.4	4.8
Pangasinan	5.5	8.7	7.1	5.7	5.6	4.9	5.1	7.5	10.8	10.6
Cagayan Valley	50.2	56.0	66.8	59.7	57.2	61.0	55.2	56.3	54.3	53.5
Cagayan	50.2	56.0	66.8	59.7	57.2	61.0	55.2	56.3	54.3	53.5
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	70.7	416.5	366.0	376.7	370.7	383.7	372.6	364.4	356.4	372.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	39.6	43.3	45.0	44.7	46.3	48.0	50.0	51.1	53.2
Bulacan	..	5.8	6.4	2.9	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	30.1	313.4	316.3	328.9	326.0	337.5	324.7	314.4	305.3	319.5
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	40.6	57.8	..	..	..	..	..	..	..	..
CALABARZON	116.3	135.9	190.8	106.1	129.3	123.8	145.8	105.9	104.5	..
Batangas	18.0	31.5	93.5	10.5	40.0	49.0	42.8	..	..	..
Cavite	..	0.0	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	98.3	104.4	97.4	95.6	89.3	74.8	103.0	105.9	104.5	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.2	..	4.0	4.3	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	4.0	4.3	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0.2	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	111.3	124.7	128.3	142.3	149.8	158.4	166.6	180.0	191.0	180.1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	0.2
Catanduanes	..	..	0.4	0.5	0.9	0.1	0.7	2.9	3.6	7.7
Masbate	111.3	124.7	128.0	140.6	148.4	157.0	165.0	175.6	186.2	171.7
Sorsogon	..	..	..	1.3	0.5	1.3	0.9	1.5	1.2	0.6
Western Visayas	42.5	33.7	33.2	37.8	37.6	37.6	40.9	46.0	25.5	24.6
Aklan	10.6	7.6	1.2	..	0.1	0.1	0.0	0.0	..	..
Antique	2.9	2.6	2.8	2.3	3.5	3.3	3.8	3.9	3.8	3.5
Capiz	4.1	4.6	4.7	6.1	5.1	7.3	7.7	7.9	9.2	10.1
Guimaras	5.0	6.4	10.9	17.5	12.7	9.6	10.5	7.0	4.6	4.3
Iloilo	5.4	..	..	..	..	..	..	..	..	..
Negros Occidental	14.5	12.6	13.7	11.9	16.3	17.3	18.8	27.2	7.9	6.6
Central Visayas	13.0	10.0	11.7	20.1	15.2	21.2	9.4	10.5	7.8	8.6
Bohol	13.0	9.0	6.8	4.8	5.0	5.0	5.4	6.5	5.4	6.2
Cebu	..	1.0	1.5	1.8	2.1	2.4	1.9	2.5	1.9	2.1
Negros Oriental	..	..	3.5	13.5	8.1	13.8	2.2	1.5	0.6	0.4
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	911.6	945.3	917.5	1,119.2	1,019.7	889.6	792.5	799.3	737.3	684.9
Zamboanga del Norte	7.7	6.3	7.1	19.3	22.3	24.4	28.1	27.6	24.1	16.8
Zamboanga del Sur	449.0	475.5	469.1	529.8	532.8	636.3	603.7	601.6	608.9	579.0
Zamboanga City	31.5	35.0	34.4	37.0	35.9	40.5	40.2	36.4	35.0	36.6
Zamboanga Sibugay	423.4	428.4	406.8	533.2	428.7	188.4	120.5	133.7	69.3	52.5
Northern Mindanao	20.5	31.2	28.5	23.6	22.4	25.9	31.1	40.5	44.3	38.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	7.6	15.0	14.0	10.9	9.4	13.5	14.3	19.5	19.0	19.1
Misamis Occidental	12.0	15.6	14.2	12.4	12.6	11.6	16.2	19.6	24.3	19.2
Misamis Oriental	0.9	0.6	0.3	0.2	0.5	0.8	0.6	1.5	0.9	0.2
Davao Region	..	28.1	41.5	41.7	39.8	31.0	28.5	21.0	22.8	22.7
Davao del Norte	..	4.3	0.0	0.1	0.2	0.3	0.0	0.1	0.0	0.1
Davao del Sur	..	23.8	41.4	41.1	39.0	30.1	26.9	18.4	18.4	18.9
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	0.1	..	..	..	0.3	2.0	4.3	3.8
Compostela Valley	..	0.0	..	0.5	0.6	0.7	1.3	0.5	..	..
SOCCSKSARGEN	..	21.0	..	..	..	0.0	0.1	0.1	0.1	0.4
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	21.0	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	0.0	0.1	0.1	0.1	0.4
Caraga	123.3	135.6	150.0	136.7	103.2	106.0	83.9	80.0	107.9	95.6
Agusan del Norte	..	2.2	2.2	3.4	2.0	2.4	2.4	1.8	2.7	4.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	7.3	6.5	6.0	3.7	3.9	3.2	3.6	3.3	2.9	5.1
Surigao del Sur	116.0	126.9	141.9	129.7	97.3	100.5	78.0	75.0	102.3	86.3
ARMM	105.5	112.5	118.1	123.0	119.1	123.5	124.1	131.2	144.8	149.0
Basilan	2.5	2.9	3.0	3.5	3.3	3.5	1.8	1.8	1.7	2.0
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	103.0	109.5	115.2	119.6	115.8	120.1	122.3	129.4	143.1	147.0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.5.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Grouper										
Philippines	**59.3**	**75.9**	**40.6**	**45.7**	**35.5**	**18.9**	**20.2**	**26.3**	**14.9**	**22.3**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.8	..	0.2	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	0.8	..	0.2	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	0.7	0.6	0.5	0.4	0.4	0.3
Cagayan	..	..	..	..	0.7	0.6	0.5	0.4	0.4	0.3
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	35.4	42.6	23.5	25.2	16.7	7.2	3.2	5.7	1.8	1.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	35.4	42.6	23.5	25.2	16.7	7.2	3.2	5.7	1.8	1.9
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	13.0	11.1	8.3	11.7	13.0	7.8	10.0	16.0	11.1	18.7
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	0.3	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	12.7	11.1	8.3	11.7	13.0	7.8	10.0	16.0	11.1	18.7
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	0.1	..	..	0.3
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	0.3
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	0.1	..	..	..
Western Visayas	10.9	20.2	5.8	6.8	5.0	3.2	6.4	4.2	1.2	1.3
Aklan	..	..	0.1	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	9.4	18.6	4.5	5.2	2.8	..	0.8	..	..	..
Negros Occidental	1.5	1.7	1.2	1.7	2.3	3.2	5.6	4.2	1.2	1.3
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	1.2	2.9	1.8	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	1.2	2.9	1.8	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	0.1	..	..	..	..	0.4	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	0.4	..
Misamis Occidental	..	..	..	0.1	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	0.1	0.1	..	..	..
Davao del Norte	..	..	..	..	..	0.1	..	..	..	..
Davao del Sur	..	..	..	..	..	..	0.1	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Siganid										
Philippines	**66.2**	**82.6**	**79.1**	**56.4**	**59.9**	**58.1**	**61.9**	**69.7**	**99.1**	**91.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	35.8	50.6	51.0	38.6	36.8	39.3	43.5	50.7	81.2	75.3
Ilocos Norte	..	..	0.0	..	..	0.0	0.0	0.0	0.0	0.5
Ilocos Sur	0.8	0.8	1.6	1.5	1.3	1.0	1.1	1.3	1.5	1.2
La Union	8.0	7.2	10.1	6.7	8.8	9.6	12.8	14.3	29.5	20.0
Pangasinan	27.0	42.7	39.3	30.4	26.8	28.7	29.6	35.1	50.2	53.6
Cagayan Valley	27.7	28.6	24.8	15.6	16.3	18.8	18.4	18.3	17.8	16.4
Cagayan	27.7	28.6	24.8	15.6	16.3	18.8	18.4	18.3	17.8	16.4
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	0.1	0.2	0.2	..	..	..	..	..	0.2
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	0.2
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	0.1	0.2	0.2	..	..	..	..	..	..
CALABARZON	2.7	2.6	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	2.7	2.6	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	1.4	..	..	..	..	0.2	0.1	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	1.4	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	0.2	0.1	..
Western Visayas	..	0.1	..	..	..	..	..	..	..	..
Aklan	..	0.1	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	0.2	..	..	..	..	0.1	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	0.2	..	..	..	..	0.1	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	1.5	2.0	6.8	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	1.5	2.0	6.8	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	0.4	..	..	..	..	..	0.4	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	0.4	..	..	..	..	..	0.4	..	..
Davao Region	..	..	0.0	..	..	0.0	..	..	..	..
Davao del Norte	..	..	0.0	..	..	0.0	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	0.2	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	0.2	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**115.3**	**790.4**	**1,992.3**	**3,294.1**	**5,134.0**	**4,367.2**	**5,781.3**	**7,787.0**	**7,812.3**	**9,000.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	20.9	59.3	66.2	184.9	236.1	572.0	491.0	518.2	581.0
Ilocos Norte	..	..	..	9.1	67.2	56.4	3.9	1.7	0.2	0.6
Ilocos Sur	..	..	..	0.5	0.7	13.0	20.3	20.3	19.8	16.0
La Union	..	..	0.1	2.1	62.7	114.7	64.3	45.9	41.4	2.8
Pangasinan	..	20.9	59.2	54.6	54.3	52.0	483.5	423.1	456.9	561.6
Cagayan Valley	..	..	..	5.6	7.2	9.6	549.9	997.1	1,049.9	1,502.9
Cagayan	..	..	..	5.6	7.2	9.6	549.9	997.1	1,049.9	1,502.9
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1.5	331.4	869.1	1,272.8	1,872.5	1,022.1	1,641.7	1,799.2	2,054.7	2,236.4
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	0.9	..	18.9	44.3	46.3	49.4	52.0	55.1
Bulacan	1.5	0.8	5.4	49.6	62.6	162.8	200.6	307.9	397.3	408.3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	151.9	2.3	7.8	8.0	7.8	8.1	8.5	8.5	9.2
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	178.8	860.5	1,215.5	1,783.0	807.2	1,386.7	1,433.4	1,596.9	1,763.8
CALABARZON	7.7	10.7	21.6	142.1	551.8	554.9	551.3	613.8	326.5	405.6
Batangas	..	9.0	18.0	111.6	537.1	553.7	549.8	612.9	324.1	400.1
Cavite	..	1.0	1.8	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	7.7	0.7	1.9	30.5	14.7	1.3	1.5	0.9	2.4	5.5
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	62.0	44.1	27.3	28.4	16.2	26.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	62.0	42.5	27.3	28.4	16.2	18.8
Oriental Mindoro	..	..	..	..	..	1.6	..	..	..	7.5
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	0.0	0.0	2.1	1.7	2.6	2.1	3.2	4.3
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	0.3	0.3	1.8	2.1	2.4	4.3
Catanduanes	..	..	0.0	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	0.0	1.9	1.3	0.7	..	0.8	..
Western Visayas	89.2	96.1	166.2	219.5	298.6	194.9	222.5	206.8	369.4	387.5
Aklan	3.7	3.8	30.0	22.0	24.8	13.9	8.1	5.8	6.3	7.0
Antique	3.4	5.8	8.8	9.1	8.4	10.6	12.2	12.4	11.8	11.7
Capiz	34.0	3.7	39.9	45.6	45.0	50.8	57.0	58.4	61.4	63.2
Guimaras	6.5	2.0	..	..	..	..	..	..	..	..
Iloilo	33.6	72.6	40.0	97.0	104.8	108.5	133.9	125.7	139.2	107.1
Negros Occidental	8.0	8.2	47.5	45.9	115.7	11.2	11.3	4.5	150.7	198.5
Central Visayas	..	49.7	306.8	614.7	1,061.9	890.5	708.1	1,982.7	1,437.1	2,028.1
Bohol	..	7.2	8.0	26.5	130.4	278.4	420.1	398.8	251.0	251.3
Cebu	..	..	15.9	81.3	250.1	229.3	140.6	1,014.6	631.1	1,294.3
Negros Oriental	..	42.5	282.9	507.0	681.4	382.8	147.4	569.2	555.0	482.5
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	107.0	175.6	107.0	41.7	35.8
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	107.0	175.6	101.2	40.7	34.6
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	5.6	1.0	1.2
Samar	..	..	..	..	..	..	..	0.1	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	2.4	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	2.4	..
Northern Mindanao	..	240.6	240.9	101.8	99.5	112.4	38.0	33.8	45.6	2.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	225.0	212.4	88.4	98.7	100.4	18.9	..	..	..
Misamis Occidental	..	15.6	17.9	12.6	..	..	..	..	..	2.8
Misamis Oriental	..	..	10.6	0.8	0.8	12.0	19.1	33.8	45.6	..
Davao Region	4.3	22.9	162.2	177.1	231.4	133.8	202.0	263.6	548.7	336.8
Davao del Norte	4.3	3.6	11.3	8.3	0.7	0.1	0.1	..	..	..
Davao del Sur	..	..	135.0	157.5	196.0	26.2	19.4	11.7	11.7	12.0
Davao City	..	..	15.5	10.9	23.8	73.1	131.5	203.3	531.1	316.2
Davao Oriental	..	19.0	..	..	10.7	34.4	50.8	48.6	5.7	8.5
Compostela Valley	..	0.4	0.4	0.5	0.3	..	0.2	..	0.0	0.0
SOCCSKSARGEN	12.6	18.0	166.1	694.2	548.1	900.1	961.9	775.9	935.0	834.0
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	12.6	18.0	166.1	535.2	453.1	667.9	798.6	623.2	721.6	524.4
South Cotabato	..	..	..	159.0	95.0	232.2	163.3	152.7	211.6	290.0
Sultan Kudarat	..	..	..	..	..	..	..	..	1.9	19.6
Caraga	..	0.1	..	0.1	213.8	160.1	128.5	485.8	463.7	618.8
Agusan del Norte	..	0.1	..	0.1	213.8	160.1	128.5	481.9	430.1	576.5
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	1.8	28.1	35.9
Surigao del Sur	..	..	..	..	..	..	..	2.1	5.6	6.4
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish										
Philippines	**4,600.7**	**5,241.9**	**3,985.4**	**3,269.3**	**636.9**	**783.4**	**835.4**	**872.8**	**814.7**	**800.3**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	4,560.9	5,181.3	3,939.3	3,236.4	592.5	739.5	784.2	816.0	756.2	740.0
Ilocos Norte	..	..	..	..	..	..	..	..	..	0.1
Ilocos Sur	..	..	..	..	..	..	..	..	0.4	3.6
La Union	728.9	1,017.8	914.0	601.3	573.6	739.5	784.2	816.0	755.7	725.4
Pangasinan	3,832.0	4,163.5	3,025.3	2,635.1	19.0	..	..	..	..	10.9
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	19.3	..	..	0.4	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	19.3	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	0.4	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	15.9	40.9	10.2	20.3	26.9	29.0	35.7	39.6	39.0	44.1
Aklan	15.9	40.9	10.1	20.3	26.4	28.3	35.3	39.5	39.0	44.1
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	0.1	..	0.5	0.7	0.4	0.1	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	0.1	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	0.3	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	0.3	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	4.0	10.0	8.4	10.7	12.2	13.4	13.9	12.7	12.8
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	4.0	10.0	8.4	10.7	12.2	12.5	12.5	12.7	12.8
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	0.9	1.4	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	3.3	..	..	0.7	0.8	..	..	..	..
Davao del Norte	..	3.3	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	0.7	0.8	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	4.6	12.4	25.5	3.8	6.1	1.9	2.1	3.4	6.8	3.4
Agusan del Norte	0.3	10.0	3.4	1.5	6.0	1.9	1.0	1.3	2.0	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	4.3	2.3	22.1	2.3	0.1	..	1.1	2.1	4.8	3.4
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**158.9**	**80.7**	**67.8**	**65.4**	**58.8**	**45.2**	**40.2**	**40.9**	**39.2**	**29.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	155.3	68.3	58.1	59.9	58.7	44.7	39.5	40.7	39.2	29.4
Ilocos Norte	..	..	..	..	..	..	..	..	..	0.6
Ilocos Sur	..	..	..	..	..	..	..	..	0.2	0.2
La Union	155.3	68.3	58.1	59.9	58.7	44.7	39.5	40.7	39.0	28.7
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	0.2	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	0.2	..	..
Eastern Visayas	..	..	1.6	1.0	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	1.0	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	1.6	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	3.6	12.4	8.1	4.5	0.2	0.4	0.8	0.1	0.0	..
Agusan del Norte	..	5.5	0.5	1.2	0.2	0.4	0.8	0.1	0.0	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	3.6	6.9	7.7	3.3	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Grouper										
Philippines	..	**0.0**	**0.1**	**0.6**	**0.2**	**0.3**	..	..	..	..
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	0.1	0.4	0.1	0.3	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	0.1	0.4	0.1	0.3	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	0.2	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	0.2	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	0.0	0.0	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	0.0	0.0	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	0.0	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	0.0	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Siganid										
Philippines	**0.4**	**1.3**	**2.0**	**2.4**	**1.1**	**1.4**	**1.2**	**1.3**	**1.2**	**1.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.3	0.5	0.6	0.9	1.0	1.3	1.2	1.3	1.2	1.8
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.6
La Union	0.3	0.5	0.6	0.9	1.0	1.3	1.2	1.3	1.2	1.3
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0.1	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	0.1	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	0.8	1.4	1.5	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	0.8	1.4	1.5	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	0.1	0.1	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	0.1	0.1	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	0.0	0.1	0.1	..	..	..	..
Agusan del Norte	..	..	..	..	..	0.1	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	0.0	0.1	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**9.6**	**13.7**	**11.6**	**12.0**	**6.1**	**1.5**	**0.9**	**0.8**	**0.5**	**0.7**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.0	0.0	1.3	0.2	2.9	1.3	0.3	0.3	0.2	0.6
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0.0	0.0	1.3	0.2	2.9	1.3	0.3	0.3	0.2	0.6
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	0.0	0.2	0.3	0.2	0.2	0.4	0.2	0.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	0.0	0.1	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	0.1	0.3	0.2	0.2	0.4	0.2	0.1
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	0.0	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	0.0	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	1.9	2.6	2.9	2.8	..	0.4	..	..	..
Biliran	..	1.1	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	0.8	2.6	2.9	2.8	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	0.4	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	0.0	0.0	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	0.0	0.0	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	9.6	11.8	7.7	8.8	..	0.0	0.0	0.1	..	..
Agusan del Norte	..	4.8	..	..	..	0.0	0.0	0.1	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	9.6	7.0	7.7	8.8	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.

Source: Philippine Statistics Authority

Table 2.5.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish										
Philippines	**4,160.5**	**3,302.2**	**2,436.8**	**2,073.5**	**740.6**	**652.9**	**634.9**	**816.9**	**799.4**	**959.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	2,611.8	1,875.3	1,335.6	1,086.2	234.3	179.3	130.6	35.3	14.0	26.0
Ilocos Norte	11.6	13.1	6.5	1.8	5.1	2.6	1.0	2.5	1.5	9.9
Ilocos Sur	2.2	2.2	2.4	2.9	3.0	3.1	3.3	3.2	3.4	7.1
La Union	295.0	285.1	258.9	291.1	188.2	173.6	126.3	29.5	9.1	9.0
Pangasinan	2,303.0	1,575.0	1,067.8	790.4	38.0	..	..	..	..	..
Cagayan Valley	57.5	106.9	85.7	23.2	23.3	26.4	20.3	21.6	21.5	16.8
Cagayan	57.5	106.9	85.7	23.2	23.3	26.4	20.3	21.6	21.5	16.8
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	45.5	1.2	0.3	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	21.4	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	24.1	1.2	0.3	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	1.8	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	1.8	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	10.5	9.9	6.5	9.0	3.3	1.5	0.8	0.8
Bohol	..	..	..	..	..	..	1.8	..	..	0.8
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	10.5	9.9	6.5	9.0	1.5	1.5	0.8	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	2.0	19.4	16.4	36.1	38.1	44.7	48.0	12.8	15.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	2.0	3.9	2.0	..	..	..	..	..	..
Leyte	..	..	0.5	3.5	22.1	28.1	32.5	35.3	..	2.1
Northern Samar	..	..	15.0	11.0	14.0	10.0	12.3	12.7	12.8	12.9
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	0.1	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	0.1	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	27.8	31.1	59.8	66.4	56.8	56.5	54.5	38.7	38.7	32.2
Davao del Norte	27.8	31.1	59.8	66.4	56.8	56.5	54.5	38.7	38.7	32.2
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	1,417.9	1,285.6	925.5	869.5	383.6	343.7	381.6	671.9	711.5	868.3
Agusan del Norte	1,407.1	1,278.9	921.9	865.5	364.8	333.5	376.2	665.9	707.1	868.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	10.8	6.7	3.6	4.0	18.8	10.2	5.3	6.0	4.4	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**167.8**	**185.8**	**175.1**	**112.9**	**76.7**	**89.4**	**106.0**	**116.8**	**123.9**	**153.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	27.8	49.3	52.4	43.9	19.6	19.4	32.5	38.4	48.2	82.4
Ilocos Norte	5.9	23.7	37.7	27.8	15.8	15.0	27.6	27.5	40.4	75.4
Ilocos Sur	2.1	2.3	2.4	2.5	2.5	2.6	2.8	3.9	3.9	3.6
La Union	19.8	23.3	12.3	13.7	1.2	1.8	2.1	7.0	3.9	3.5
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	134.3	133.4	118.8	63.9	57.1	70.0	72.7	78.0	75.7	70.7
Cagayan	134.3	133.4	118.8	63.9	57.1	70.0	72.7	78.0	75.7	70.7
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	3.5	1.1	1.5	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	3.5	1.1	1.5	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	0.1	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	0.1	..	..	..	..	..	..
Central Visayas	..	..	0.1	..	..	..	..	..	0.0	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	0.1	..	..	..	..	..	0.0	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	3.1	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	3.1	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	0.8	..	..	..
Davao del Norte	..	..	..	..	..	..	0.8	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	2.2	2.0	2.4	2.0	..	..	..	0.4	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	2.2	2.0	2.4	2.0	..	..	..	0.4	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Grouper										
Philippines	**4.4**	**9.1**	**10.4**	**12.1**	**34.7**	**9.4**	**10.4**	**14.4**	**11.6**	**6.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	24.8	0.9	1.7	2.7	2.3	0.5
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	0.7	0.9	1.7	2.7	2.3	0.5
Pangasinan	..	..	..	..	24.1	..	..	..	..	..
Cagayan Valley	..	..	1.5	1.3	1.5	1.6	1.8	1.9	2.0	2.3
Cagayan	..	..	1.5	1.3	1.5	1.6	1.8	1.9	2.0	2.3
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.5	0.3	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	0.5	0.3	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	1.0	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	1.0	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	3.9	8.5	8.5	9.0	8.1	6.4	6.3	9.5	7.0	3.4
Aklan	3.9	8.5	8.5	8.9	8.0	6.1	6.0	9.2	7.0	3.3
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	0.1	0.2	0.3	0.3	0.3	..	0.1
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	0.3	0.4	0.6	0.2	0.3	0.3	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	0.3	0.4	0.6	0.2	0.3	0.3	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	0.2	0.2	0.2	0.2	0.2	0.2	..
Zamboanga del Norte	..	..	..	0.2	0.2	0.2	0.2	0.2	0.2	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	0.0	..	..	..	..	..	..	..	..	..
Davao del Norte	0.0	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Siganid										
Philippines	**43.9**	**58.8**	**50.9**	**35.4**	**42.1**	**39.2**	**65.7**	**71.9**	**42.7**	**51.7**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	40.3	54.8	46.7	31.7	38.8	30.0	39.8	46.6	16.7	18.6
Ilocos Norte	38.3	43.4	42.3	30.6	29.1	28.9	38.5	45.2	15.6	17.4
Ilocos Sur	1.2	1.4	1.4	1.1	1.0	1.2	1.3	1.3	1.1	0.7
La Union	..	..	..	..	..	..	..	0.0	0.0	0.6
Pangasinan	0.8	10.0	3.0	..	8.7	..	..	..	..	..
Cagayan Valley	3.4	4.1	4.0	3.4	3.3	9.2	25.9	25.2	26.0	33.1
Cagayan	3.4	4.1	4.0	3.4	3.3	9.2	25.9	25.2	26.0	33.1
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	0.2	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	0.2	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.1	..	0.0	..	..	..	0.1	0.1	..	..
Aklan	0.1	..	0.0	..	..	..	0.1	0.1	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	0.3	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	0.3	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**6.7**	**7.6**	**7.6**	**6.7**	**19.6**	**13.4**	**10.7**	**11.4**	**2.2**	**1.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	2.0	1.9	1.0	0.8	0.8	0.5	0.6	0.7	0.9	1.0
Ilocos Norte	..	..	..	..	..	..	..	0.1	0.3	0.6
Ilocos Sur	0.3	0.3	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.4
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	1.7	1.6	0.5	0.4	0.3	..	..	..	..	..
Cagayan Valley	3.3	3.2	2.4	1.9	1.6	1.4	0.8	1.0	1.0	0.8
Cagayan	3.3	3.2	2.4	1.9	1.6	1.4	0.8	1.0	1.0	0.8
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0.5	0.1	0.9	0.7	0.9	0.3	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	0.5	0.1	0.9	0.7	0.9	0.3	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	0.6	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	0.6	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.4	..	2.0	2.9	0.7	0.7	0.8	0.7	0.0	0.0
Aklan	0.4	..	2.0	2.9	0.7	0.7	0.8	0.7	0.0	0.0
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	15.4	10.1	7.8	8.6	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	15.4	10.1	7.8	8.6	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	0.3	0.3	0.4	0.5	0.4	0.3	..
Zamboanga del Norte	..	..	..	0.3	0.3	0.4	0.5	0.4	0.3	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	0.2	..	..	..	..	..	0.2	..	..	..
Davao del Norte	0.2	..	..	..	..	..	0.2	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	0.3	2.5	0.8	..	..	..	..	..	..	..
Agusan del Norte	..	0.1	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	0.3	2.3	0.8	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish										
Philippines	**4.4**	**36.7**	**7.4**	**1.8**	**2.2**	**2.4**	**6.2**	**6.4**	**6.2**	**3.6**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	4.4	1.8	2.1	2.1	3.2	3.0	3.0	3.5
Ilocos Norte	..	..	..	..	0.1	..	..	..	..	..
Ilocos Sur	..	..	..	1.8	2.0	2.1	3.2	3.0	3.0	3.5
La Union	..	..	4.4	..	..	..	..	..	0.0	0.1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	3.0	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	3.0	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	0.0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	0.0
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	0.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	0.1
Central Visayas	..	..	..	..	..	..	3.0	3.0	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	3.0	3.0	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	4.4	9.5	..	0.0	..	0.3	..	0.2	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	4.4	4.5	..	0.0	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	0.2	..	..
Northern Samar	..	..	..	..	..	0.3	..	..	..	..
Southern Leyte	..	5.0	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	27.0	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	27.0	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	0.0	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	0.0	..	..	..	..	..	..	..	..
Caraga	..	0.2	..	..	0.1	..	0.1	0.2	3.2	..
Agusan del Norte	..	..	..	..	0.1	..	..	..	..	..
Agusan del Sur	..	0.2	..	..	..	..	..	0.2	3.2	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	0.1	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**114,045.3**	**130,444.2**	**138,838.4**	**140,422.1**	**138,406.1**	**138,010.2**	**139,105.2**	**142,852.2**	**143,336.1**	**142,339.0**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	1,163.3	1,467.6	1,667.2	1,827.4	1,644.6	1,761.8	1,822.1	1,853.3	1,858.3	1,756.1
Abra	235.8	360.9	441.2	465.9	451.6	458.3	481.5	468.4	451.1	413.6
Apayao	159.6	184.8	186.6	186.9	170.7	166.7	180.1	206.2	205.4	174.1
Benguet	62.2	65.4	69.3	73.1	71.9	76.0	77.3	78.4	80.5	81.4
Ifugao	491.1	615.3	700.7	837.6	697.6	799.4	829.5	853.2	873.4	893.4
Kalinga	203.7	227.2	254.2	247.8	238.6	247.3	239.7	233.2	234.5	182.1
Mountain Province	11.0	14.1	15.2	16.0	14.2	14.2	14.1	14.0	13.5	11.5
Ilocos Region	5,598.5	5,492.2	5,542.7	5,221.0	8,434.7	9,142.5	8,480.7	8,431.3	7,822.8	7,556.6
Ilocos Norte	91.7	123.4	145.8	164.7	216.7	241.6	199.7	207.1	253.9	216.7
Ilocos Sur	629.3	644.2	679.4	664.8	643.8	667.8	706.3	698.2	686.4	515.3
La Union	46.4	45.9	42.4	49.1	47.4	50.5	56.0	61.1	66.6	59.4
Pangasinan	4,831.1	4,678.7	4,675.2	4,342.3	7,526.8	8,182.5	7,518.7	7,464.8	6,815.9	6,765.2
Cagayan Valley	4,784.5	6,065.2	7,241.9	7,375.0	5,994.7	7,881.0	8,681.2	8,404.4	8,402.7	7,032.0
Cagayan	1,191.3	1,263.9	1,217.1	1,228.1	801.9	974.7	979.2	567.1	542.0	424.8
Isabela	2,623.2	3,638.4	4,582.3	4,587.1	4,045.1	5,477.0	5,890.8	6,009.9	6,097.7	5,429.6
Nueva Vizcaya	621.9	769.6	989.1	1,051.2	819.6	969.9	1,139.4	1,122.1	1,136.9	728.1
Quirino	348.1	393.4	453.5	508.6	328.1	459.4	671.9	705.2	626.1	449.5
Central Luzon	96,940.5	110,460.4	117,100.2	118,502.3	114,723.3	111,574.1	110,894.3	115,165.0	117,094.5	117,885.5
Aurora	381.5	384.0	346.9	288.7	258.8	224.1	198.0	212.9	230.9	367.3
Bataan	1,148.8	1,230.9	1,276.4	1,200.1	1,204.8	1,220.8	1,184.3	1,253.7	1,259.5	1,238.0
Bulacan	6,636.6	6,329.4	5,516.1	3,577.0	3,389.2	2,962.8	2,752.6	2,887.4	2,657.3	2,612.6
Nueva Ecija	5,776.0	6,012.2	6,267.0	4,506.2	4,054.4	3,759.6	3,710.1	2,881.3	3,528.0	3,787.3
Pampanga	77,862.4	90,112.0	97,610.5	102,179.2	100,341.3	97,680.6	96,487.0	101,385.4	102,262.2	102,939.2
Tarlac	5,007.0	6,250.0	5,962.6	6,645.6	5,347.5	5,580.4	6,367.1	6,347.4	6,957.7	6,781.1
Zambales	128.2	141.9	120.7	105.5	127.3	145.9	195.3	197.0	198.9	160.1
CALABARZON	1,291.8	1,731.9	1,577.4	1,543.7	1,587.4	1,180.1	1,161.1	921.8	791.2	603.4
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	28.5	32.2	23.1	196.0	100.9	90.5	163.2	309.9	271.2	65.5
Laguna	607.8	698.8	734.2	769.6	728.3	555.1	528.8	537.3	498.9	467.7
Quezon	655.6	1,000.4	818.9	577.3	757.5	534.5	469.2	74.6	21.0	70.2
Rizal	..	0.5	1.3	0.7	0.7	..	..	..	..	..
MIMAROPA	531.9	573.4	574.6	569.0	559.0	627.0	675.3	685.4	671.0	292.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	21.5	27.3	31.8	37.0	28.1	33.8	46.3	53.8	55.6	57.0
Oriental Mindoro	509.9	539.8	533.4	519.7	524.9	585.8	621.4	625.1	610.8	232.6
Palawan	..	4.8	4.4	4.0	4.0	4.5	5.2	4.0	2.8	1.9
Romblon	0.6	1.6	5.1	8.3	2.0	2.9	2.4	2.6	1.8	1.2
Bicol Region	999.2	1,477.9	1,663.0	1,443.6	1,510.5	1,553.0	1,715.1	1,721.3	1,699.8	1,632.8
Albay	34.3	53.4	60.5	59.1	61.0	60.8	62.0	67.8	71.0	104.9
Camarines Norte	78.0	101.1	109.3	144.5	272.7	307.9	355.5	406.5	465.3	525.6
Camarines Sur	854.2	1,287.3	1,374.5	1,087.5	1,008.3	978.9	1,079.8	1,053.8	972.0	882.6
Catanduanes	0.8	0.9	1.2	0.7	1.0	1.5	2.0	2.5	3.1	3.5
Masbate	..	..	78.0	108.3	124.9	157.5	166.4	139.0	134.4	71.0
Sorsogon	31.9	35.2	39.6	43.6	42.6	46.3	49.4	51.7	53.9	45.3
Western Visayas	217.6	266.0	417.1	577.5	369.5	494.0	819.5	1,032.9	810.4	1,328.7
Aklan	0.7	0.5	10.2	11.0	11.6	12.7	11.5	18.6	13.9	18.4
Antique	22.3	33.2	64.5	79.5	34.7	34.2	36.6	37.2	37.9	39.3
Capiz	55.8	56.3	57.3	63.3	49.5	63.7	66.9	69.3	64.6	70.8
Guimaras	9.5	14.0	25.2	22.9	18.4	13.1	9.3	5.4	5.7	4.9
Iloilo	127.9	160.5	252.4	393.3	247.3	360.9	685.9	899.9	686.0	1,194.2
Negros Occidental	1.4	1.5	7.5	7.5	8.1	9.4	9.3	2.6	2.3	1.2
Central Visayas	83.5	89.6	131.6	175.2	153.8	157.5	148.1	123.5	119.2	104.1
Bohol	24.5	25.3	37.1	42.5	56.0	67.0	70.5	68.5	55.2	53.3
Cebu	12.8	12.5	17.0	21.6	18.8	20.2	28.5	30.0	42.8	34.7
Negros Oriental	44.8	49.0	74.5	108.0	78.2	69.7	47.5	23.5	18.1	12.8
Siquijor	1.4	2.7	3.1	3.1	0.9	0.6	1.6	1.4	3.2	3.4
Eastern Visayas	158.9	189.7	198.5	274.8	373.3	290.7	213.8	252.1	166.0	220.7
Biliran	3.5	7.8	4.7	5.7	6.4	4.5	0.2	0.0	0.0	0.0
Eastern Samar	11.0	28.5	41.5	58.0	73.2	70.8	41.3	34.6	10.1	0.1
Leyte	99.3	91.0	87.6	80.4	79.4	92.6	132.4	184.4	134.4	200.4
Northern Samar	..	..	..	3.8	5.3	1.2	..	..	..	..
Southern Leyte	45.2	62.3	64.8	126.9	209.0	121.7	39.9	33.1	21.5	20.2
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	90.0	94.7	94.6	109.8	112.7	104.4	88.7	66.7	64.2	82.0
Zamboanga del Norte	..	..	..	7.2	3.7	10.2	12.3	13.6	14.9	17.0
Zamboanga del Sur	90.0	94.1	94.6	102.1	104.0	91.7	75.6	52.6	49.1	61.6
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	0.6	..	0.5	5.0	2.5	0.8	0.6	0.2	3.4
Northern Mindanao	612.0	847.4	1,052.7	1,101.5	1,001.8	801.6	994.6	893.2	852.2	970.0
Bukidnon	361.8	463.9	611.9	602.3	511.8	426.1	570.0	419.3	480.4	609.9
Camiguin	1.6	3.3	5.6	2.9	2.8	4.8	3.3	2.7	3.9	5.6
Lanao del Norte	234.7	298.6	314.3	403.6	405.3	286.0	340.7	389.6	325.7	333.7
Misamis Occidental	1.7	61.6	65.7	68.7	67.1	69.9	73.9	74.8	39.6	19.0
Misamis Oriental	12.3	20.0	55.2	24.0	14.7	14.8	6.7	6.9	2.6	1.8
Davao Region	613.5	706.3	720.9	805.3	1,138.3	1,599.6	2,530.2	2,459.8	2,183.8	2,270.4
Davao del Norte	326.1	316.2	299.2	279.1	301.9	202.6	232.5	140.2	140.3	94.2
Davao del Sur	105.3	192.4	177.4	326.6	585.4	1,151.8	2,044.2	2,104.5	1,856.2	1,963.6
Davao City	104.3	115.0	129.5	122.4	105.2	96.1	97.1	90.6	90.6	91.1
Davao Oriental	13.2	14.5	19.0	21.4	20.7	17.3	18.4	14.1	9.8	7.0
Compostela Valley	64.6	68.2	95.8	55.8	125.1	131.8	138.0	110.4	86.8	114.6
SOCCSKSARGEN	777.1	752.2	578.8	637.0	544.9	624.7	663.0	626.0	597.0	465.2
North Cotabato	318.5	361.0	323.0	303.7	271.3	299.2	325.6	326.0	315.1	260.3
Sarangani	..	7.8	12.6	13.1	5.6	7.3	9.8	9.7	10.3	5.4
South Cotabato	306.1	257.4	120.9	164.2	161.5	202.3	211.0	178.0	156.2	118.9
Sultan Kudarat	152.5	126.1	122.3	155.9	106.6	116.0	116.6	112.4	115.4	80.6
Caraga	116.7	160.4	203.7	178.4	172.0	134.0	132.8	142.2	138.6	74.0
Agusan del Norte	3.8	13.0	13.5	11.1	1.0	0.7	1.1	1.0	1.4	0.8
Agusan del Sur	76.9	97.1	135.2	81.5	59.4	48.7	80.4	86.8	80.6	33.8
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2.9	4.1	4.9	5.8	6.2	5.8	5.2	4.6	18.0	15.1
Surigao del Sur	33.1	46.2	50.0	80.0	105.4	78.7	46.2	49.8	38.6	24.3
ARMM	66.3	69.4	73.4	80.8	85.5	84.4	84.8	73.3	64.6	64.9
Basilan	..	..	..	0.1	0.3	0.3	0.3	0.3	0.3	0.2
Lanao del Sur	27.9	26.9	28.8	29.5	30.1	29.6	29.7	17.6	9.5	7.5
Maguindanao	38.4	42.5	44.6	51.3	55.1	54.5	54.8	55.4	54.8	57.2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Carp										
Philippines	**539.9**	**573.0**	**627.1**	**450.6**	**446.6**	**385.4**	**367.6**	**376.3**	**388.8**	**354.6**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	0.3	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.1
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	..
Mountain Province	..	..	..	..	..	..	0.1	0.2	0.2	0.1
Ilocos Region	18.6	14.7	25.9	18.2	28.8	29.9	30.5	16.2	17.6	15.9
Ilocos Norte	..	0.1	..	..	..	..	..	0.0	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	18.6	14.6	25.9	18.2	28.8	29.9	30.5	16.2	17.6	15.9
Cagayan Valley	15.8	19.9	21.8	20.6	10.9	11.1	11.4	11.6	13.7	9.5
Cagayan	1.4	0.9	3.7	3.2	2.8	3.1	2.5	2.8	2.0	1.8
Isabela	10.5	14.3	11.5	11.9	5.9	6.3	6.9	6.3	9.8	6.3
Nueva Vizcaya	2.1	1.6	1.2	1.7	1.2	1.5	2.0	2.3	1.9	1.5
Quirino	1.9	3.1	5.4	3.7	1.0	0.2	0.0	0.2	..	..
Central Luzon	80.5	75.6	119.5	192.0	181.0	198.6	224.5	239.0	245.8	247.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	7.5	5.2	0.6	1.9	4.7	6.0	1.4	0.0	0.0	..
Pampanga	70.9	68.8	74.3	75.9	77.9	74.3	76.6	80.4	84.3	86.2
Tarlac	2.1	1.6	44.1	114.0	98.4	118.3	146.6	158.6	161.4	161.7
Zambales	..	..	0.4	0.3	..	..	..	..	..	..
CALABARZON	211.9	239.3	234.4	20.0	37.7	31.7	3.1	0.2	0.0	0.1
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	183.0	198.6	201.2	..	..	..	..	..	..	..
Quezon	28.9	40.7	33.1	20.0	37.7	31.7	3.1	0.2	0.0	0.1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	0.0	0.0	0.0	0.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	0.0	0.0	0.0	0.0
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	0.2	0.0	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	0.0	..	..	..	..	..	..
Negros Occidental	..	..	0.2	0.0	..	..	..	..	..	..
Central Visayas	..	0.0	0.4	0.1	0.0	0.0	0.1	0.2	0.1	0.1
Bohol	..	..	0.4	0.1	0.0	0.0	0.1	0.2	0.1	0.1
Cebu	..	0.0	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	1.4	1.1	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	1.4	1.1	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	1.6	1.5	1.5	..
Zamboanga del Norte	..	..	..	..	..	..	1.6	1.5	1.5	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	185.9	189.2	204.6	185.3	173.0	92.4	80.8	94.0	92.5	77.2
Bukidnon	24.5	5.6	..	0.0	..	0.3	1.0	0.0	0.0	0.1
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	161.4	183.6	204.6	185.2	172.9	92.0	79.3	92.5	91.6	76.5
Misamis Occidental	..	..	..	0.1	0.1	0.1	0.4	1.5	0.9	0.6
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	9.8	11.7	3.6	2.8	5.4	14.9	11.7	11.3	14.0	1.7
Davao del Norte	7.1	7.8	2.9	2.2	2.7	2.5	2.7	1.4	3.7	1.5
Davao del Sur	..	2.0	..	..	..	11.4	7.6	8.8	9.9	0.2
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	2.7	1.9	0.7	0.6	2.7	1.1	1.4	1.1	0.4	0.0
SOCCSKSARGEN	..	0.1	0.1	0.2	0.2	1.3	2.4	1.1	0.6	1.3
North Cotabato	..	..	..	..	..	0.1	0.1	0.1	0.1	0.1
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	0.2	0.4	0.0	..	..
Sultan Kudarat	..	0.1	0.1	0.2	0.2	1.0	1.9	1.0	0.6	1.3
Caraga	15.7	21.1	16.5	11.1	9.4	5.4	1.3	1.0	2.8	0.6
Agusan del Norte	0.4	5.4	3.3	0.9	0.1	0.1	0.2	0.0	0.0	0.0
Agusan del Sur	8.2	5.5	1.5	1.2	2.2	1.7	1.0	0.8	2.6	0.3
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.1
Surigao del Sur	6.7	10.0	11.4	8.8	6.9	3.4	..	..	..	0.2
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Catfish										
Philippines	**2,370.7**	**2,649.1**	**2,664.3**	**2,845.4**	**2,960.0**	**3,117.9**	**3,595.4**	**3,754.0**	**3,625.5**	**3,615.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	2.5	0.9	..	0.0	0.0	..	2.2	0.9	0.9	0.6
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	0.0	0.0	..	1.8	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	2.5	0.9	..	..	..	..	0.3	0.9	0.9	0.6
Mountain Province	..	..	..	..	..	..	0.1	0.0	0.0	..
Ilocos Region	21.3	25.1	19.9	8.2	15.3	5.1	5.4	15.2	14.7	12.6
Ilocos Norte	0.0	0.0	..	0.0	..	0.0	0.0	0.0	0.0	0.1
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.0
La Union	0.5	1.0	0.7	1.2	1.2	1.1	1.2	1.2	1.2	1.0
Pangasinan	20.8	24.1	19.2	7.0	14.1	4.0	4.2	14.0	13.5	11.5
Cagayan Valley	91.6	61.2	72.5	68.6	46.7	43.8	171.7	194.1	152.3	137.1
Cagayan	1.9	1.6	8.1	7.9	7.3	8.2	8.9	8.1	7.0	5.7
Isabela	84.6	54.1	60.8	58.5	36.5	33.1	160.3	183.9	143.6	128.4
Nueva Vizcaya	1.8	1.8	1.2	1.6	1.1	1.3	1.8	2.1	1.8	3.0
Quirino	3.3	3.8	2.4	0.7	1.8	1.1	0.7	0.1	..	0.0
Central Luzon	1,281.8	1,293.3	1,140.7	976.1	1,057.8	1,011.4	1,159.1	1,396.7	1,478.6	1,357.3
Aurora	..	..	0.3	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	946.3	863.3	600.9	298.0	286.9	255.6	292.5	331.3	326.0	268.2
Nueva Ecija	132.5	172.3	168.1	263.4	355.2	348.5	373.5	559.2	624.7	647.4
Pampanga	193.3	245.9	317.5	337.3	356.5	336.3	358.5	377.3	392.1	397.3
Tarlac	9.5	11.5	46.3	58.3	26.0	24.4	99.6	103.4	113.0	21.3
Zambales	0.3	0.4	7.7	19.1	33.3	46.6	35.1	25.5	22.8	23.2
CALABARZON	113.4	135.7	143.0	137.5	125.6	129.5	124.0	129.3	193.9	213.3
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	108.4	130.1	137.0	136.1	125.6	129.5	124.0	129.2	193.9	213.3
Quezon	0.1	0.2	0.2	0.1	..	0.1	0.0	0.1	0.0	0.0
Rizal	4.9	5.5	5.7	1.3	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	0.0	0.0	0.0	0.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	0.0	0.0	0.0	0.0
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	112.3	149.2	159.2	130.2	114.0	102.1	120.0	113.1	103.8	94.4
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	111.3	148.0	157.9	129.7	114.0	102.1	120.0	113.1	103.8	94.4
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	1.1	1.2	1.3	0.5	..	..	..	..	..	..
Western Visayas	247.8	336.1	436.1	684.9	684.7	1,006.6	1,130.5	1,000.6	709.8	822.8
Aklan	0.6	0.9	1.4	2.1	2.4	2.4	3.2	7.7	6.9	5.3
Antique	7.7	14.6	14.2	14.0	5.6	4.7	5.2	5.5	4.7	4.2
Capiz	24.7	25.1	26.1	27.6	20.5	23.1	24.1	23.7	22.4	24.1
Guimaras	0.5	3.0	10.5	10.4	6.9	4.4	3.0	1.4	2.2	1.8
Iloilo	192.5	252.0	341.6	593.1	622.2	941.9	1,050.5	904.1	610.9	724.0
Negros Occidental	21.7	40.5	42.4	37.7	27.0	30.1	44.5	58.4	62.8	63.6
Central Visayas	..	0.0	1.3	3.1	8.6	5.7	0.1	0.2	..	0.0
Bohol	..	..	1.3	3.1	8.6	5.7	0.1	0.2	..	0.0
Cebu	..	0.0	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	0.0	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	2.9	5.2	5.4	4.4	..	0.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	2.9	5.2	5.4	4.4	..	0.5
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	0.0
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	0.1	..	10.5	2.8	5.9	7.9	6.1	6.9	0.1
Zamboanga del Norte	..	..	..	8.0	2.8	5.9	7.9	6.1	6.9	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	0.1	..	2.5	..	0.0	0.0	0.0	0.0	0.1
Northern Mindanao	24.4	14.6	7.6	5.1	1.3	1.6	5.6	18.4	4.9	9.1
Bukidnon	24.4	14.6	5.8	3.8	1.2	1.5	5.4	18.2	4.8	9.0
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1
Misamis Oriental	..	..	1.7	1.2	..	..	..	..	..	..
Davao Region	176.3	277.8	340.3	459.7	563.0	435.4	448.9	413.3	487.7	516.5
Davao del Norte	21.6	20.5	11.8	12.7	15.2	9.8	16.4	12.1	17.0	9.1
Davao del Sur	0.2	0.1	..	..	..	7.3	7.5	13.7	27.9	23.2
Davao City	143.9	213.1	250.5	306.4	286.9	295.3	348.4	369.8	402.4	464.7
Davao Oriental	3.7	3.4	3.3	3.8	4.0	1.4	0.4	0.2	..	0.0
Compostela Valley	6.9	40.7	74.6	136.8	256.8	121.7	76.1	17.6	40.4	19.6
SOCCSKSARGEN	221.4	244.4	228.2	240.1	204.4	232.3	280.8	327.0	335.8	313.7
North Cotabato	59.9	71.1	66.4	82.9	80.9	107.3	131.6	133.6	138.4	147.8
Sarangani	..	..	0.2	..	..	..	..	..	..	..
South Cotabato	125.1	141.8	137.1	137.7	111.4	120.1	143.4	154.3	151.6	120.3
Sultan Kudarat	36.3	31.5	24.6	19.5	12.1	4.9	5.8	39.2	45.9	45.7
Caraga	0.3	5.2	2.4	0.8	1.2	0.2	0.3	0.1	0.1	0.0
Agusan del Norte	0.0	..	0.1	..	0.3	0.0	..	..	..	..
Agusan del Sur	0.3	4.8	0.1	0.1	0.5	0.2	0.3	0.1	0.1	0.0
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	0.0	0.4	2.2	0.7	0.4	..	..	..	..	..
ARMM	77.6	105.5	113.2	120.8	131.9	133.2	133.4	134.6	136.0	137.2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	77.6	105.5	113.2	120.8	131.9	133.2	133.4	134.6	136.0	137.2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gourami										
Philippines	**53.3**	**107.3**	**98.5**	**170.6**	**175.0**	**166.9**	**183.5**	**114.7**	**125.5**	**143.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	2.6	3.1	2.5	2.1	4.3	1.3	1.5	4.3	4.5	4.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	2.6	3.1	2.5	2.1	4.3	1.3	1.5	4.3	4.5	4.1
Cagayan Valley	1.8	0.6	1.3	1.2	1.2	1.3	0.7	0.8	0.0	0.0
Cagayan	1.8	0.6	1.2	1.2	1.2	1.3	0.7	0.8	0.0	0.0
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	0.1	0.1	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	45.9	98.4	92.4	164.2	166.3	160.4	177.8	107.0	118.5	137.1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	38.5	39.9	31.3	50.5	60.0	40.0	75.0	..	..	..
Pampanga	4.9	55.8	55.2	61.8	59.4	61.9	67.2	70.9	67.9	63.9
Tarlac	2.5	2.6	5.9	51.9	46.9	58.5	35.6	36.1	50.6	73.2
Zambales	0.1	0.2	0.0	0.0	..	..	0.0	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	0.2
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	0.2
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	3.0	5.1	1.5	1.4	1.7	2.1	2.2	1.9	1.9	1.4
Davao del Norte	3.0	5.1	1.5	1.4	1.7	2.1	2.2	1.9	1.9	1.4
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	0.8	1.7	1.5	1.7	1.2	0.6	0.6	0.3
North Cotabato	..	..	..	..	..	0.4	0.7	0.4	0.3	0.2
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	0.8	1.7	1.5	1.3	0.6	0.2	0.3	0.1
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mudfish										
Philippines	**1,227.7**	**1,317.6**	**1,048.5**	**750.2**	**817.1**	**875.6**	**915.4**	**902.3**	**1,157.2**	**1,026.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	0.0	0.2	..	..	..	..	0.1
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	0.0	0.1	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	0.1	..	..	..	..	0.1
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	43.3	47.9	37.7	39.9	48.6	56.8	54.2	41.1	32.8	44.9
Ilocos Norte	..	0.0	..	0.0	..	..	..	0.0	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.2
La Union	3.6	4.8	3.0	3.8	4.1	4.1	3.9	3.6	4.9	15.5
Pangasinan	39.7	43.1	34.7	36.1	44.6	52.7	50.2	37.5	27.9	29.1
Cagayan Valley	27.3	30.1	30.9	38.0	26.6	33.3	39.8	39.0	30.6	21.4
Cagayan	2.0	1.2	5.4	10.1	10.6	11.8	14.7	13.5	9.9	8.3
Isabela	18.7	19.8	20.5	23.7	13.6	17.3	22.3	22.7	18.1	11.4
Nueva Vizcaya	1.6	2.0	1.6	2.1	1.7	2.0	2.6	2.8	2.6	1.7
Quirino	5.0	7.0	3.4	2.1	0.8	2.3	0.1	0.0	0.0	0.0
Central Luzon	987.8	1,017.7	754.1	445.9	509.7	567.9	623.8	631.1	879.2	756.8
Aurora	4.1	..	0.0	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	4.0	..	..	..	..	..	..	..
Nueva Ecija	827.5	833.9	481.3	80.0	105.1	109.2	96.6	69.6	79.5	65.1
Pampanga	147.1	172.6	198.8	235.0	247.4	259.4	275.4	291.9	305.6	322.2
Tarlac	6.0	6.3	58.8	115.9	112.2	170.1	233.5	249.4	471.1	344.5
Zambales	3.1	5.0	11.2	15.0	45.0	29.2	18.3	20.2	23.0	25.0
CALABARZON	0.1	46.8	41.9	26.6	4.0	0.2	0.3	1.3	0.1	0.1
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	0.1	46.8	41.9	26.6	4.0	0.2	0.3	1.3	0.1	0.1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.6	0.8	..	..	..	..	0.1	0.2	0.2	0.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	0.6	0.8	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	0.1	0.2	0.2	0.1
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	0.1	..	..	..	..	..	..
Central Visayas	..	0.0	0.0	0.2	0.2	0.3	0.4	0.7	0.4	0.2
Bohol	..	..	0.0	0.2	0.2	0.3	0.4	0.7	0.4	0.2
Cebu	..	0.0	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	29.0	35.0	36.5	39.7	59.2	49.8	43.0	45.7	42.5	35.8
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	29.0	35.0	36.5	39.7	59.2	49.8	43.0	45.7	42.5	35.8
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	0.0	..	..	..	0.0	0.0	0.0	0.0	0.0
Northern Mindanao	64.1	53.1	58.4	65.9	64.7	55.4	61.4	47.4	58.0	64.1
Bukidnon	..	15.0	19.1	22.6	26.7	26.7	36.8	19.3	22.7	34.8
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	63.0	32.8	33.8	37.2	32.2	26.7	22.5	26.1	33.3	28.6
Misamis Occidental	1.1	5.2	5.5	6.2	5.8	2.0	2.1	2.0	2.0	0.7
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	19.5	34.2	29.2	33.2	38.1	61.6	40.1	31.7	47.3	42.6
Davao del Norte	14.6	32.8	27.8	30.8	35.3	28.3	29.8	15.5	23.7	16.0
Davao del Sur	4.0	0.1	0.0	0.0	0.0	30.5	8.0	11.5	19.0	19.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	0.7	0.7	0.5	0.2	0.0	..	0.0
Compostela Valley	0.8	1.3	1.5	1.6	2.1	2.2	2.1	4.7	4.5	7.6
SOCCSKSARGEN	36.3	35.1	36.8	57.1	62.7	48.2	51.2	62.3	64.6	59.8
North Cotabato	16.2	19.1	19.2	35.4	44.9	31.3	27.5	43.2	43.6	39.2
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	0.9	..	0.1	0.5	0.5	0.7	1.0	1.2	1.9	2.1
Sultan Kudarat	19.2	16.1	17.5	21.3	17.3	16.2	22.7	17.9	19.1	18.5
Caraga	2.6	6.9	5.7	3.4	3.1	2.0	1.0	1.6	1.6	0.3
Agusan del Norte	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agusan del Sur	0.5	3.4	2.2	0.8	1.5	0.8	1.0	1.6	1.6	0.3
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	0.3	0.6	0.1	0.1	..	..	..	..	..	..
Surigao del Sur	1.8	2.9	3.4	2.5	1.6	1.1	..	..	..	..
ARMM	17.0	10.0	17.2	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	17.0	10.0	17.2	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Freshwater prawn										
Philippines	**3.4**	**5.7**	**34.5**	**27.5**	**2.8**	**2.9**	**4.5**	**5.8**	**3.4**	**2.5**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	0.1	0.0	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	0.1	0.0	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	0.0	0.0	0.0	0.0	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	0.0	0.0	0.0	0.0	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	1.6	3.6	1.4	0.2	0.2	0.6	4.1	3.9	1.8	1.4
Cagayan	0.0	0.1	0.2	0.1	0.2	0.2	0.3	0.4	0.0	..
Isabela	1.1	1.7	..	0.1	..	..	3.8	3.1	1.8	1.4
Nueva Vizcaya	0.4	1.8	1.1	..	0.0	..	..	..	..	..
Quirino	0.0	..	0.1	0.1	..	0.3	0.0	0.3	..	0.0
Central Luzon	..	..	25.9	21.5	..	0.1	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	0.3	..	..	..	..	..	..	..
Nueva Ecija	..	..	25.6	21.4	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	0.0	..	0.1	..	..	..	..
CALABARZON	..	..	0.7	0.7	0.6	0.2	0.1	1.5	1.4	0.9
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	0.7	0.7	0.6	0.2	..	1.4	1.4	0.7
Quezon	..	..	..	..	..	..	0.1	0.1	0.0	0.2
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1.5	1.6	1.0	1.1	1.0	1.1	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	1.5	1.6	1.0	1.1	1.0	1.1	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	0.2	0.5	0.1	0.0	..	0.3	0.2	0.2	0.2
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	0.2	0.5	0.0	0.0	..	0.3	0.2	0.2	0.2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	0.1	..	..	..	..	..	..	..
Iloilo	..	..	..	0.1	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	0.2	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.2	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	0.3	5.0	4.0	1.1	0.9	..	0.2	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	0.3	5.0	4.0	1.1	0.9	..	0.2	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.0	..	..	..	..	..	..	..	..	..
Bukidnon	0.0	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	0.0	..	0.0	0.0	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.0	..	0.0	0.0	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	0.0	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	0.0	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**24.5**	**53.3**	**79.6**	**56.0**	**102.9**	**83.8**	**83.4**	**120.0**	**97.9**	**85.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	1.4	1.7	3.2	1.5	1.4	0.9	..
Abra	..	..	..	..	..	0.7	1.0	1.1	0.9	..
Apayao	..	..	..	0.1	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	1.3	1.7	1.4	0.4	0.3	..	..
Mountain Province	..	..	..	..	..	1.2	0.1	0.0	..	..
Ilocos Region	18.0	19.9	19.9	10.1	0.9	..	0.2	0.3	0.6	0.2
Ilocos Norte	..	..	..	0.0	..	..	..	0.0	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	0.0	..	..	..	0.2	0.3	0.3	0.0
Pangasinan	18.0	19.9	19.9	10.1	0.9	..	..	..	0.2	0.2
Cagayan Valley	0.0	0.0	8.1	35.2	25.3	14.3	26.1	26.1	15.5	8.0
Cagayan	0.0	0.0	0.1	7.1	9.0	11.6	12.2	12.2	6.4	4.0
Isabela	..	..	4.5	25.6	14.8	2.4	13.8	13.3	9.1	3.5
Nueva Vizcaya	..	..	3.5	2.5	1.5	..	..	..	..	0.3
Quirino	..	..	..	..	..	0.4	0.2	0.6	0.1	0.1
Central Luzon	4.4	26.1	46.6	5.4	20.7	18.0	19.9	35.8	32.8	33.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	25.3	24.0	..	..	..	..	..	..	..
Nueva Ecija	..	..	0.1	0.1	..	..	..	..	..	..
Pampanga	3.8	..	4.2	4.6	17.5	17.8	18.5	19.4	19.2	18.1
Tarlac	..	..	17.4	..	3.1	..	0.0	15.1	12.5	14.9
Zambales	0.6	0.8	1.0	0.8	0.2	0.2	1.3	1.4	1.1	0.7
CALABARZON	..	..	..	..	0.6	2.6	2.7	2.8	3.8	3.5
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	0.6	2.6	2.7	2.8	3.8	3.5
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	16.0	38.0	36.2	34.7
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	16.0	38.0	36.2	34.7
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1.5	4.6	4.4	2.6	5.4	10.7	5.0	1.8	1.6	1.5
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	1.5	4.6	4.4	2.5	1.7	2.0	2.1	1.8	1.6	1.5
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	0.1	..	..	2.9	0.1	..	..
Negros Occidental	..	..	..	0.0	3.7	8.7	..	..	..	..
Central Visayas	..	..	..	..	..	..	0.0	0.7	0.7	..
Bohol	..	..	..	..	..	..	0.0	0.7	0.7	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	8.0	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	8.0	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	6.0	..	0.0	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	6.0	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	0.0	..	..	..
Northern Mindanao	..	0.0	0.0	0.1	0.0	0.0	0.1	0.0	..	0.0
Bukidnon	..	0.0	0.0	0.0	0.0	0.0	..	0.0	..	0.0
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	0.1	..	..	0.1	..	..	..
Davao Region	0.6	2.6	..	0.7	0.5	4.2	2.0	5.6	1.0	0.2
Davao del Norte	0.6	2.6	..	..	0.2	0.4	0.6	0.1	..	0.1
Davao del Sur	..	..	..	..	..	0.0	0.0	..	..	0.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	0.7	..	0.1	..	..	..	0.0
Compostela Valley	..	..	..	..	0.3	3.7	1.5	5.5	1.0	0.1
SOCCSKSARGEN	..	..	0.5	0.4	31.4	27.3	9.4	7.5	4.9	3.2
North Cotabato	..	..	..	..	..	0.7	1.6	3.3	3.2	1.9
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	26.8	20.9	3.8	1.9	1.0	0.8
Sultan Kudarat	..	..	0.5	0.4	4.6	5.8	4.0	2.3	0.7	0.5
Caraga	..	..	0.1	0.2	2.3	3.4	0.5	0.0	0.0	0.0
Agusan del Norte	..	..	..	0.2	2.3	3.0	0.3	0.0	0.0	0.0
Agusan del Sur	..	..	..	..	..	0.4	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	0.2	..	..	..
Surigao del Sur	..	..	0.1	0.0	..	..	..	..	..	0.0
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish										
Philippines	**23,815.6**	**26,998.1**	**30,326.4**	**27,038.9**	**26,434.7**	**28,084.6**	**27,762.1**	**27,216.4**	**26,492.2**	**24,709.2**
NCR	1,795.2	1,887.3	1,939.3	1,183.1	1,054.0	1,176.2	1,155.0	1,211.6	1,174.3	1,164.4
Metro Manila	1,795.2	1,887.3	1,939.3	1,183.1	1,054.0	1,176.2	1,155.0	1,211.6	1,174.3	1,164.4
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	0.0	..	..	..	..	..	..	..
Aurora	..	..	0.0	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	15,201.4	17,814.8	21,556.6	18,852.3	18,538.9	19,852.3	20,267.4	20,666.9	19,958.5	20,196.9
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	174.4	204.4	239.8	224.0	205.0	210.2	205.8	212.7	138.9	108.2
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	15,027.0	17,610.4	21,316.8	18,628.3	18,334.0	19,642.1	20,061.6	20,454.2	19,819.6	20,088.7
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	6,418.9	6,616.7	6,020.6	6,059.2	5,544.2	5,770.9	5,073.3	4,064.4	4,073.9	2,040.4
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	6,418.9	6,616.7	6,020.6	6,059.2	5,544.2	5,770.9	5,073.3	4,064.4	4,073.9	2,040.4
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	400.0	679.2	809.9	944.3	1,297.6	1,285.2	1,266.4	1,273.6	1,285.5	1,307.6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	400.0	679.2	809.9	944.3	1,297.6	1,285.2	1,266.4	1,273.6	1,285.5	1,307.6
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**15,619.8**	**19,215.2**	**21,119.6**	**21,512.3**	**21,533.4**	**22,268.2**	**21,379.5**	**21,904.8**	**21,358.6**	**21,460.3**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.5	1.9	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.9
Ilocos Norte	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.4
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.5
La Union	..	1.5	0.0	0.0	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	0.3	..	..	..	..	..	..	..
Aurora	..	..	0.3	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	7,003.7	9,358.2	11,997.3	11,538.1	11,652.8	12,283.9	12,495.0	12,809.7	12,348.5	12,414.7
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	522.7	584.8	601.3	551.9	512.2	514.9	496.9	510.5	464.3	368.5
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	6,481.0	8,773.4	11,396.0	10,986.2	11,140.7	11,769.0	11,998.1	12,299.3	11,884.2	12,046.3
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	0.0	0.8	0.3	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	0.0	0.8	0.3	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	0.1	..	1.0	0.2	0.1	0.1
Bohol	..	..	..	..	..	..	1.0	0.2	0.1	0.1
Cebu	..	..	..	..	0.1	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	57.1	24.2	33.3	7.0	8.2	11.4	13.4	7.1	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	57.1	24.2	33.3	7.0	8.2	11.4	13.4	7.1	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	0.3	1.4	1.6	1.5	1.4	1.2	1.1
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	0.3	1.4	1.6	1.5	1.4	1.2	1.1
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	5.2	13.3	19.9	25.5	47.5	16.5	19.4	3.8	0.0	0.8
Davao del Norte	4.7	12.5	19.0	25.5	47.5	16.5	19.4	3.8	0.0	0.8
Davao del Sur	0.6	0.8	0.8	..	0.0	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	6,741.9	6,931.9	5,659.5	6,377.4	6,041.1	6,197.2	5,002.1	4,047.1	3,940.9	3,353.0
North Cotabato	..	..	1.1	0.8	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	6,741.9	6,931.9	5,658.3	6,376.6	6,041.1	6,197.2	5,002.1	4,047.1	3,940.9	3,353.0
Caraga	..	1.6	0.3	..	..	..	..	3.5	1.2	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	1.5	..	..	..	..	..	..	1.2	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	0.1	0.3	..	..	..	..	3.5	..	..
ARMM	1,811.3	2,884.1	3,408.7	3,563.7	3,781.4	3,757.3	3,847.0	5,032.0	5,066.7	5,689.7
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	10.3	12.7	14.6	15.1	16.7	16.8	16.2	13.1	..	2.2
Maguindanao	1,801.0	2,871.5	3,394.0	3,548.6	3,764.7	3,740.5	3,830.8	5,019.0	5,066.7	5,687.5
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Carp										
Philippines	**14,833.7**	**17,461.0**	**17,941.2**	**13,451.1**	**14,548.1**	**15,181.7**	**15,550.4**	**16,051.9**	**14,788.7**	**14,659.7**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.0	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	0.0	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	14,830.2	17,457.4	17,928.8	13,438.1	14,548.1	15,181.7	15,550.4	16,051.9	14,788.7	14,659.7
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	127.0	125.0	114.6	115.0	112.5	115.3	101.8	99.0
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	14,830.2	17,457.4	17,801.8	13,313.2	14,433.6	15,066.7	15,438.0	15,936.6	14,686.9	14,560.7
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	0.0	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	0.0	..	..	..	..	..	..	..
ARMM	3.5	3.5	12.3	13.0	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	3.5	3.5	12.3	13.0	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Catfish										
Philippines	..	0.0	0.0	..	0.0	..	..	0.1	..	0.4
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	0.0	0.0	..	0.0	..	..	0.1	..	..
Davao del Norte	..	0.0	0.0	..	0.0	..	..	0.1	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	0.0	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	0.0	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	0.4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	0.4
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**1.5**	**..**	**0.4**	**0.1**	**..**	**3.2**	**3.7**	**3.4**	**3.9**	**3.7**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	0.0	..	..	..	..	..	..	..
Aurora	..	..	0.0	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1.3	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	1.3	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	0.1	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	0.1	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	3.2	3.4	3.4	3.9	3.7
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	3.2	3.4	3.4	3.9	3.7
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	0.2	..	0.3	..	..	..	0.3	..	..	..
Davao del Norte	..	..	0.3	..	..	..	0.3	..	..	..
Davao del Sur	0.2	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	0.0	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	0.0	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish										
Philippines	**10,745.5**	**14,248.0**	**14,105.7**	**16,074.2**	**16,351.4**	**14,165.3**	**13,755.9**	**14,957.7**	**10,395.8**	**14,075.3**
NCR	..	..	..	..	..	..	..	..	..	5.6
Metro Manila	..	..	..	..	..	..	..	..	..	5.6
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	0.3
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.3
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	10,439.5	14,213.0	14,026.2	16,010.9	16,277.8	14,104.8	13,695.7	14,897.2	10,331.9	14,004.4
Batangas	10,439.5	14,212.0	14,020.6	16,010.9	16,277.8	14,104.8	13,695.7	14,897.2	10,331.9	14,004.4
Cavite	..	1.0	5.6	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	0.1	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	0.1	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	25.6	8.4	12.9	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	25.6	8.4	12.9	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	0.8	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	0.8	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	0.1	..	..	..	..	..	..	1.9	1.1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	0.1	..	..	..	..	..	..	1.9	1.1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	306.0	34.9	53.1	54.9	60.7	60.5	60.2	60.5	62.1	63.9
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	306.0	34.9	53.1	54.9	60.7	60.5	60.2	60.5	62.1	63.9
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**60,302.3**	**79,000.8**	**81,747.9**	**83,748.8**	**84,556.9**	**82,527.2**	**85,160.8**	**88,536.7**	**75,771.9**	**78,788.9**
NCR	324.6	342.8	369.1	278.3	365.7	390.1	389.1	413.7	400.0	398.2
Metro Manila	324.6	342.8	369.1	278.3	365.7	390.1	389.1	413.7	400.0	398.2
CAR	1,509.8	1,519.0	1,528.1	1,459.5	971.9	911.0	915.8	936.9	959.4	936.0
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	2.3	0.5	0.5	1.7	0.1	..	0.2	0.6	..	..
Benguet	201.5	220.0	227.2	239.1	234.3	246.1	247.7	258.9	272.3	274.3
Ifugao	1,306.0	1,297.7	1,300.4	1,218.6	737.5	662.2	665.2	674.5	684.0	658.5
Kalinga	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	..	..
Mountain Province	..	0.7	0.0	0.0	0.0	2.7	2.7	2.9	3.1	3.2
Ilocos Region	35.7	34.9	48.6	36.6	37.2	24.8	14.5	15.0	14.5	48.5
Ilocos Norte	16.6	16.7	27.9	20.4	21.9	13.1	3.4	3.8	3.9	42.1
Ilocos Sur	16.3	15.5	17.9	12.6	11.3	10.7	11.2	11.2	10.6	6.3
La Union	2.8	2.7	2.8	3.6	4.0	1.0	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	1,184.8	990.4	976.9	943.0	390.4	266.6	382.2	338.6	263.6	287.8
Cagayan	64.0	67.4	49.5	9.2	1.8	5.4	3.6	3.4	2.8	1.8
Isabela	1,112.7	915.0	922.3	923.5	386.3	257.8	371.7	325.9	258.5	285.1
Nueva Vizcaya	2.9	2.8	5.1	6.1	2.4	3.3	6.9	6.4	2.2	0.9
Quirino	5.2	5.2	..	4.2	..	..	..	2.9	..	..
Central Luzon	..	..	5.9	..	0.6	0.9	39.3	31.9	19.5	19.0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	5.9	..	0.6	0.9	39.3	31.9	19.5	19.0
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	47,147.8	65,780.9	67,636.7	71,149.4	73,020.4	71,478.0	73,803.9	77,292.7	64,536.5	68,089.1
Batangas	37,561.5	54,077.4	56,277.3	60,330.2	62,994.5	61,271.9	63,665.9	66,129.9	55,582.0	58,723.5
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	7,848.9	8,668.9	8,944.7	9,114.1	8,399.9	8,464.5	8,314.5	9,212.2	7,136.6	7,226.3
Quezon	1,198.4	1,232.2	469.4	46.3	35.9	48.1	87.6	166.3	99.2	200.6
Rizal	539.1	1,802.4	1,945.3	1,658.8	1,590.2	1,693.5	1,735.9	1,784.3	1,718.7	1,938.7
MIMAROPA	..	..	..	..	..	..	..	..	..	5.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	5.7
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	7,701.7	8,537.0	9,037.1	7,873.3	7,706.3	7,568.0	7,792.7	7,805.4	7,826.7	6,934.0
Albay	1,372.0	1,605.8	1,799.8	1,991.3	1,981.8	1,976.2	2,066.4	2,149.5	2,198.5	1,688.9
Camarines Norte	25.0	33.2	34.9	37.8	..	..	..	..	..	..
Camarines Sur	6,304.7	6,898.1	7,202.4	5,844.2	5,724.6	5,591.8	5,726.3	5,655.9	5,628.2	5,245.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	0.3	2.1	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	0.3	2.1	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	4.9	4.4	9.5	7.8	10.5	6.0	7.8	8.4	6.7	4.3
Bohol	0.2	0.3	1.5	1.5	1.0	0.8	2.6	2.1	1.7	0.9
Cebu	4.7	4.1	7.8	6.2	8.7	3.8	4.6	5.5	2.3	1.7
Negros Oriental	..	..	0.3	0.1	0.7	1.4	0.6	0.8	2.8	1.7
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	48.2	45.9	81.9	38.2	40.1	44.7	50.4	65.9	34.2	21.2
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	48.2	45.9	81.9	38.2	40.1	44.7	50.4	65.9	34.2	21.2
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.6	1.4	..	0.6	1.7	16.3	4.7	2.6	..	0.4
Bukidnon	0.6	1.2	..	0.6	1.7	16.3	4.7	2.6	..	0.4
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	0.0	..	..	..	..	..	..	..	..
Misamis Oriental	..	0.1	..	..	..	..	..	..	..	..
Davao Region	2.0	4.5	3.1	2.2	2.2	1.5	1.8	3.3	7.9	8.4
Davao del Norte	2.0	1.8	1.5	0.6	0.5	0.3	0.6	3.0	0.6	0.4
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	2.7	1.6	1.7	1.8	1.2	1.1	0.4	7.3	8.0
SOCCSKSARGEN	1,486.4	1,544.0	1,765.3	1,660.3	1,729.1	1,537.2	1,485.6	1,394.5	1,456.9	1,696.9
North Cotabato	..	..	..	..	4.0	6.3	9.8	0.4	0.9	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	1,486.4	1,544.0	1,759.4	1,652.5	1,721.6	1,527.5	1,471.6	1,390.8	1,453.0	1,692.9
Sultan Kudarat	..	..	5.9	7.8	3.5	3.4	4.2	3.3	3.0	3.9
Caraga	83.7	79.6	108.3	119.7	90.3	89.1	81.0	33.4	52.1	140.4
Agusan del Norte	11.5	6.5	..	..	..	..	..	..	..	..
Agusan del Sur	72.2	73.0	108.3	117.4	87.2	87.5	79.3	31.5	41.4	102.4
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	2.3	3.0	1.7	1.8	2.0	10.7	38.0
ARMM	772.0	116.2	177.2	178.1	190.4	192.9	192.1	194.5	194.0	198.9
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	1.9	5.8	6.0	6.3	6.2	6.1	7.2	6.2	5.2
Maguindanao	772.0	114.3	171.4	172.1	184.1	186.7	186.0	187.3	187.7	193.7
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Carp										
Philippines	**1,231.0**	**1,925.5**	**2,158.8**	**1,783.0**	**1,707.5**	**1,758.5**	**1,761.5**	**1,823.2**	**1,571.7**	**1,855.7**
NCR	63.6	60.0	65.2	63.6	79.5	84.8	84.9	90.1	87.3	86.7
Metro Manila	63.6	60.0	65.2	63.6	79.5	84.8	84.9	90.1	87.3	86.7
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1,156.1	1,853.5	2,076.9	1,702.5	1,613.7	1,661.5	1,667.3	1,720.2	1,471.3	1,756.1
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	763.3	792.7	933.9	883.4	839.5	833.6	812.8	849.2	622.1	794.6
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	392.8	1,060.9	1,143.0	819.1	774.2	827.9	854.6	871.0	849.2	961.6
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	11.3	11.7	16.7	17.0	14.3	12.0	9.3	12.9	13.1	12.8
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	11.3	11.7	16.7	17.0	14.3	12.0	9.3	12.9	13.1	12.8
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	0.0
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	0.0
SOCCSKSARGEN	..	..	..	..	..	0.2	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	0.2	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	0.3	..	..	..	0.0	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	0.3	..	..	..	0.0	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Catfish										
Philippines	**4.0**	**3.4**	**4.4**	**4.9**	**2.8**	**..**	**0.2**	**0.1**	**0.4**	**1.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	0.0	0.4	1.1
Ilocos Norte	..	..	..	..	..	..	..	0.0	0.4	0.4
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.8
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	4.0	3.4	4.2	3.5	2.7	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	4.0	3.4	4.2	3.5	2.7	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	0.2	1.4	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	0.2	1.4	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	0.0	..	..	..	..	0.0
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	0.0	..	..	..	..	0.0
SOCCSKSARGEN	..	..	..	..	..	..	0.2	0.1	..	..
North Cotabato	..	..	..	..	..	..	0.2	0.1	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**..**	**..**	**0.7**	**0.0**	**3.3**	**0.6**	**3.8**	**2.7**	**2.5**	**2.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	0.6	..	..	..	..	0.5	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	0.6	..	..	..	..	0.5	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	0.1	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	0.1	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	0.6	0.0	0.0	..	..	..
Davao del Norte	..	..	..	..	0.6	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	0.0	0.0	..	..	..
SOCCSKSARGEN	..	..	..	0.0	2.7	0.3	2.4	2.3	2.5	2.1
North Cotabato	..	..	..	..	2.6	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	0.0	0.1	0.3	2.4	2.3	2.5	2.1
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	0.3	1.4	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	0.0	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	0.3	1.4	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish										
Philippines	**13,696.0**	**18,157.3**	**21,997.7**	**21,390.3**	**26,680.2**	**21,535.8**	**23,878.9**	**22,240.1**	**14,244.5**	**11,139.5**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	10,095.0	11,594.8	11,068.8	10,209.9	14,024.7	11,305.7	12,298.5	12,112.0	14,084.1	10,901.4
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	10,095.0	11,594.8	11,068.8	10,209.9	14,024.7	11,305.7	12,298.5	12,112.0	14,084.1	10,901.4
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	126.9	18.0	32.0	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	126.9	18.0	32.0	..	..	..	..	..	..	..
CALABARZON	432.7	346.6	513.7	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	432.7	346.6	513.7	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	69.0	149.8	197.9	188.1	122.2	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	69.0	147.9	191.6	188.1	122.2	..	..
Sorsogon	..	..	..	..	1.9	6.3	..	..	..	..
Western Visayas	1,311.1	1,609.9	1,075.0	1,160.4	899.9	921.9	562.9	216.4	120.2	233.4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	696.2	757.3	730.7	878.7	310.2	309.1	197.8	84.5	..	..
Guimaras	3.2	4.6	0.8	0.9	2.3	1.5	..	..	..	..
Iloilo	611.7	841.5	255.4	185.1	311.1	309.9	255.3	56.7	..	62.0
Negros Occidental	..	6.5	88.1	95.8	276.4	301.4	109.8	75.2	120.2	171.4
Central Visayas	9.2	19.6	51.3	93.8	144.9	35.2	35.0	34.6	3.3	3.3
Bohol	..	..	2.3	1.5	2.9	1.3	8.2	13.3	2.3	3.3
Cebu	9.2	19.6	49.0	92.3	95.4	19.9	5.1	7.0	1.0	..
Negros Oriental	..	..	..	..	46.7	14.0	21.7	14.3	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	10.0	8.5	31.9	31.8	18.2	22.5	9.2	0.3
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	2.4	10.7	20.6	18.2	14.8	5.2	..
Leyte	..	..	..	0.3	5.6	5.7	..	7.7	4.0	0.3
Northern Samar	..	..	10.0	5.8	15.5	5.5	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	0.5	15.7	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	0.5	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	15.7	..	..	..	..	..	..	..
Davao Region	1,714.9	4,559.8	9,230.6	9,848.8	11,429.1	9,043.3	10,776.3	9,732.4	27.6	1.2
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	1,704.5	4,559.8	9,222.6	9,848.2	11,429.1	9,042.3	10,772.3	9,731.4	27.2	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	10.4	..	8.0	0.6	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	1.0	4.0	1.1	0.4	1.2
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	6.1	8.1	0.6	0.1	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	6.1	8.1	0.6	0.1	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	..	..	..	0.3	..	..	..	..	..	..
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	0.1	..	..	..	..	..	..
Bohol	..	..	..	0.1	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	0.2	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	0.2	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tiger prawn										
Philippines	**..**	**0.2**	**..**	**0.2**	**0.1**	**..**	**..**	**..**	**..**	**..**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	0.2	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	0.2	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	0.2	0.1	..	..	..	..	..
Bohol	..	..	..	0.2	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	0.1	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mudcrab										
Philippines	..	**34.5**	..	..	..	..	..	**0.0**	..	..
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	0.1	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	0.1	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	0.0	..	..	..	..	..	0.0	..	..
Bohol	..	..	..	..	..	..	..	0.0	..	..
Cebu	..	0.0	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	0.1	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	0.1	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	34.3	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	33.0	..	..	..	..	..	..	..	..
Surigao del Sur	..	1.3	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Endeavor prawn										
Philippines	..	..	..	..	..	..	..	..	..	..
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
White shrimp										
Philippines	..	..	..	..	..	..	..	..	..	..
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Grouper										
Philippines	**53.0**	**103.1**	**108.3**	**86.7**	**23.0**	**13.4**	**4.5**	**0.0**	**0.1**	**0.3**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	5.4	5.5	4.0	1.2	..	..	..	..	..	0.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	0.2
Pangasinan	5.4	5.5	4.0	1.2	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	0.5	1.4	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	0.5	1.4	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	2.1	3.4	1.7	0.7	..	0.0	..	0.0	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	2.1	3.4	1.7	0.7	..	..	..	0.0	..	..
Negros Oriental	..	..	..	..	..	0.0	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	20.7	5.7	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	20.7	5.7	..	..	..	..	..	..	..	..
Northern Mindanao	..	0.0	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	0.0	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	0.1	0.0	..	0.1	0.1
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	0.1	0.0	..	0.1	0.1
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	24.5	88.5	95.5	78.9	22.5	11.9	4.5	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	24.4	85.6	92.8	78.7	22.5	11.9	4.3	..	..	..
Surigao del Sur	0.1	3.0	2.7	0.2	..	..	0.2	..	..	..
ARMM	0.3	..	7.2	5.8	..	..	..	..	..	..
Basilan	0.3	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	7.2	5.8	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Siganid										
Philippines	**30.7**	**35.1**	**55.3**	**47.5**	**40.7**	**17.0**	**5.5**	**3.7**	**0.7**	**0.7**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	1.5	1.4	..	..	..	..	0.0	..	..
Ilocos Norte	..	..	..	..	..	..	..	0.0	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	1.5	1.4	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	0.4	0.2	..	..	..	0.2	..	0.2	..	0.2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	0.4	0.2	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	0.2	..	0.2	..	0.2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	14.0	14.7	31.6	32.0	31.5	10.7	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	14.0	14.7	31.6	32.0	31.5	10.7	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	0.3	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	0.3	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	0.0	0.2	0.3	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	0.0	0.2	0.3	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	0.1	0.4	0.2	..	0.1	0.2
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	0.1	0.4	0.2	..	0.1	0.2
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	16.0	18.7	22.0	15.3	9.1	5.6	5.3	3.5	0.6	0.3
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	13.5	12.9	13.9	13.5	9.1	5.6	4.7	3.5	0.6	0.3
Surigao del Sur	2.5	5.8	8.2	1.8	..	..	0.7	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Spiny lobster										
Philippines	**9.3**	**47.1**	**53.6**	**45.3**	**6.6**	**4.8**	**5.3**	**4.1**	**4.7**	**4.0**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	0.1	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	0.1	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	9.2	47.0	53.2	44.9	6.2	4.4	4.8	3.6	4.3	3.5
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	9.1	47.0	52.7	44.8	6.2	4.4	4.8	3.6	4.3	3.5
Surigao del Sur	0.1	0.0	0.5	0.1	..	..	..	..	..	..
ARMM	0.2	..	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Basilan	0.2	..	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**5.3**	**40.7**	**6.6**	**4.0**	**3.3**	**1.6**	**5.0**	**3.5**	**6.4**	**4.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	32.6	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	32.6	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	0.9	0.4	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	0.9	0.4	..	..	..	..	..	..
Central Visayas	..	0.6	0.0	..	0.5	0.2	0.5	0.8	0.5	0.9
Bohol	..	..	..	..	..	0.1	..	..	..	..
Cebu	..	0.6	0.0	..	0.5	0.1	0.5	0.8	0.5	0.9
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	0.4	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	0.4	..	..	..	..	..	..	..	..
Northern Mindanao	..	0.0	0.0	0.2	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	0.0	0.0	0.2	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	0.0	0.1	..	..	2.4	0.2
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	2.4	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	0.0	0.1	..	..	0.0	0.2
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	4.2	5.8	4.4	2.1	1.5	..	3.1	1.1	1.9	1.6
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	4.2	3.8	3.6	2.1	1.5	..	2.1	1.1	1.9	1.6
Surigao del Sur	..	2.0	0.8	..	..	..	1.0	..	..	..
ARMM	1.1	1.3	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6
Basilan	1.1	1.3	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish										
Philippines	**46,211.3**	**61,189.5**	**58,367.4**	**57,762.5**	**60,519.2**	**82,422.4**	**88,811.4**	**100,477.9**	**110,003.1**	**104,923.7**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	34,675.2	45,242.8	41,482.1	38,104.9	40,812.6	60,829.2	63,501.5	72,134.1	80,824.9	74,577.0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	530.4	516.3	178.9	140.4	41.0	184.5	176.7	220.5	58.4	11.9
Pangasinan	34,144.8	44,726.5	41,303.3	37,964.5	40,771.6	60,644.7	63,324.8	71,913.7	80,766.6	74,565.1
Cagayan Valley	..	..	..	..	0.0	..	..	..	..	..
Cagayan	..	..	..	..	0.0	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1,967.5	2,877.5	2,459.4	2,112.6	2,529.4	3,356.1	4,306.0	5,674.8	8,238.5	7,483.1
Aurora	9.0	..	13.5	6.7	..	..	..	6.6	2.7	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	1,958.5	2,877.5	2,445.9	2,106.0	2,529.4	3,356.1	4,306.0	5,668.3	8,235.8	7,483.1
CALABARZON	1.1	3.3	1.4	..	..	..	..	46.2	4.1	7.0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	1.0	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	1.1	3.3	0.4	..	..	..	..	46.2	4.1	7.0
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	4.1	2.0	1.2	2.4	1.3	26.5	392.0	82.9	54.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	1.2
Palawan	..	4.1	2.0	1.2	..	..	..	..	..	..
Romblon	..	..	..	..	2.4	1.3	26.5	392.0	82.9	53.5
Bicol Region	63.4	22.7	..	..	1.0	0.7	0.2	0.7	0.1	0.3
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	63.4	22.7	..	..	1.0	0.7	0.2	0.7	0.1	0.3
Western Visayas	1.7	3.4	13.7	12.1	115.3	145.1	146.2	70.7	63.6	88.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	3.5	3.0	36.3	76.3	91.6	56.4	51.0	88.0
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	1.7	3.4	10.3	9.1	79.1	68.8	54.7	14.3	12.6	..
Central Visayas	699.8	842.4	742.2	543.7	552.5	428.7	553.4	763.2	775.0	710.6
Bohol	2.9	10.8	19.8	27.2	83.5	104.5	110.2	116.7	129.6	92.2
Cebu	2.0	91.0	193.2	232.3	222.6	129.6	241.6	241.8	309.6	381.8
Negros Oriental	685.8	728.2	517.3	281.4	245.7	194.5	201.6	404.4	333.4	236.5
Siquijor	9.1	12.4	11.8	2.9	0.7	..	..	0.3	2.5	..
Eastern Visayas	5,574.4	6,492.3	7,390.2	6,689.0	5,313.6	4,435.5	4,125.7	3,077.1	128.7	151.8
Biliran	41.8	42.8	10.8	15.5	..	16.1	8.6	9.5	2.2	..
Eastern Samar	2,531.0	2,643.0	3,064.6	2,086.3	951.8	944.3	257.5	211.5	..	..
Leyte	706.6	837.2	907.4	1,188.3	1,224.2	1,284.6	1,417.8	683.6	..	5.1
Northern Samar	70.0	103.8	192.3	182.6	182.5	159.4	126.0	124.7	125.0	119.7
Southern Leyte	158.0	220.5	214.2	194.0	34.7	13.2	49.2	18.2	1.5	..
Samar	2,067.0	2,645.0	3,001.0	3,022.2	2,920.5	2,018.0	2,266.5	2,029.6	..	27.0
Zamboanga Peninsula	..	..	..	..	..	0.3	0.3	0.5	1.4	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	0.3	0.3	0.5	1.4	..
Northern Mindanao	12.6	53.4	456.8	1,317.8	1,990.2	2,330.9	2,313.9	1,926.6	2,735.1	2,402.7
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	8.3	8.4	..	..	..	..	1.7	1.1	3.2	0.3
Lanao del Norte	..	..	..	..	30.8	64.6	67.7	116.1	71.6	51.3
Misamis Occidental	..	..	..	0.0	4.3	18.0	47.0	235.5	438.0	542.5
Misamis Oriental	4.3	45.0	456.8	1,317.8	1,955.1	2,248.3	2,197.6	1,573.9	2,222.4	1,808.6
Davao Region	2,383.8	4,468.7	4,233.0	7,435.1	6,861.1	8,288.5	11,040.9	13,567.6	14,134.7	17,476.0
Davao del Norte	191.2	202.1	562.1	2,333.7	1,984.2	1,648.5	1,680.1	1,976.9	2,945.5	3,252.2
Davao del Sur	2,191.3	4,264.0	3,666.0	5,039.3	4,699.4	6,272.3	8,860.4	10,663.9	10,133.9	13,268.9
Davao City	..	..	..	38.0	153.5	271.3	403.7	778.5	896.6	814.1
Davao Oriental	..	..	..	2.9	..	53.9	15.3	17.7	22.1	73.7
Compostela Valley	1.3	2.7	4.9	21.2	24.0	42.5	81.4	130.7	136.6	67.2
SOCCSKSARGEN	745.8	1,025.3	1,362.0	1,377.3	2,021.1	2,274.7	2,455.6	2,508.6	2,357.8	1,392.1
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	345.8	391.2	499.3	559.3	680.4	873.6	1,000.1	838.1	806.4	720.8
South Cotabato	400.0	634.1	862.6	818.0	1,340.7	1,401.0	1,455.5	1,670.5	1,551.5	671.3
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	86.2	153.6	224.5	168.8	308.5	315.9	337.6	315.6	656.4	580.3
Agusan del Norte	50.0	132.8	210.2	140.0	138.5	160.2	225.5	258.3	530.8	491.5
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	1.4	1.2	..	..	..	..	1.4	2.0	56.2	58.5
Surigao del Sur	34.9	19.6	14.4	28.8	169.9	155.7	110.7	55.3	69.4	30.4
ARMM	..	..	..	..	11.5	15.4	3.6	..	..	..
Basilan	..	..	..	..	11.5	15.4	3.6	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**25.4**	**12.7**	**0.1**	**7.5**	**7.2**	**2.0**	**7.0**	**0.1**	**..**	**..**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	0.1	..	..
Cagayan	..	..	..	..	..	..	..	0.1	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	0.2	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	0.2	..	..	..	..	..	..
Central Visayas	..	..	0.1	..	0.2	1.3	0.8	..	..	..
Bohol	..	..	..	..	0.2	1.3	0.8	..	..	..
Cebu	..	..	0.1	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	25.4	12.7	..	7.3	7.0	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	25.4	12.7	..	7.3	7.0	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	0.7	6.3	..	..	..
Davao del Norte	..	..	..	..	..	0.7	6.3	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tiger prawn										
Philippines	..	..	..	0.1	..	..	..	..	..	..
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	0.1	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	0.1	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mudcrab										
Philippines	**14.9**	**6.9**	**6.9**	**9.6**	**1.2**	**..**	**..**	**0.1**	**..**	**..**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.0	..	..	..	..	..	..	..	..
Ilocos Norte	..	0.0	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	14.9	6.5	6.8	9.0	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	14.9	6.5	6.8	9.0	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	0.4	0.2	0.6	1.2	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	0.4	0.2	0.6	1.2	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	0.1	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	0.1	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Endeavor prawn										
Philippines	..	..	..	..	..	..	..	..	..	..
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
White shrimp										
Philippines	..	..	..	..	..	..	..	..	..	..
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Grouper										
Philippines	**187.1**	**229.2**	**2,453.1**	**775.4**	**141.5**	**183.1**	**167.6**	**214.3**	**244.7**	**235.0**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	4.5	5.7	7.1	3.8	..	..	..	..	0.1	0.3
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0.3	0.1	..	..	..	..	..	..	0.1	0.3
Pangasinan	4.2	5.6	7.1	3.8	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	2.0	2.4	1.0	1.0	0.6	0.7	0.5	0.7	0.5	0.2
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	2.0	2.4	1.0	1.0	0.6	0.7	0.5	0.7	0.5	0.2
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	2,244.2	444.1	0.9	0.4	0.3	0.1	0.1	0.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	0.0	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	2,244.2	444.1	0.9	0.4	0.3	0.1	0.1	0.1
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	3.1	4.0	4.5	5.9	10.1	11.5	13.7	17.2	16.7	7.4
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	3.1	4.0	4.5	5.9	9.9	11.2	13.6	16.9	16.7	7.4
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	0.1	0.3	0.2	0.3	..	..
Western Visayas	23.4	21.7	20.3	22.9	51.2	50.8	59.5	101.2	166.8	180.4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	10.4	10.7	10.2	11.2	9.6	11.0	10.9	11.7	15.1	18.3
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	13.0	11.0	10.0	11.7	41.6	39.9	48.6	89.5	151.7	162.1
Central Visayas	1.3	1.0	2.5	4.7	..	0.0	0.0	0.2	..	..
Bohol	0.3	0.2	0.3	2.3	..	..	..	..	..	..
Cebu	..	0.0	2.0	2.4	..	0.0	0.0	0.1	..	..
Negros Oriental	0.9	0.6	0.1	..	..	0.0	..	0.1	..	..
Siquijor	0.1	0.1	..	..	..	..	..	..	..	..
Eastern Visayas	123.5	141.8	116.4	137.0	..	..	1.9	4.5	2.5	1.6
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	123.5	140.4	116.4	137.0	..	..	..	..	..	..
Leyte	..	1.4	..	0.0	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	1.9	4.5	2.5	1.6
Zamboanga Peninsula	4.4	24.0	27.6	125.4	61.2	111.0	90.3	89.8	56.8	43.2
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	4.4	4.5	4.1	4.3	4.2	4.4	4.2	1.2	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	19.5	23.4	121.1	56.9	106.7	86.1	88.6	56.8	43.2
Northern Mindanao	..	..	..	0.1	0.2	..	0.2	0.5	0.8	1.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	0.8
Misamis Occidental	..	..	..	0.1	0.2	..	0.2	0.5	0.5	0.2
Misamis Oriental	..	..	..	..	..	..	..	..	0.3	0.8
Davao Region	2.9	4.1	4.3	0.7	..	0.9	0.3	0.1	0.4	..
Davao del Norte	0.1	..	..	0.3	..	0.9	0.3	0.1	0.1	..
Davao del Sur	2.8	4.1	4.3	0.4	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	0.3	..
SOCCSKSARGEN	2.0	1.4	1.2	1.7	1.2	..	..	..	..	0.0
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	2.0	1.4	1.2	1.7	1.2	..	..	..	..	0.0
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	20.0	23.1	23.5	22.8	16.2	7.8	1.1	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	19.4	23.0	23.5	22.7	16.2	7.8	1.1	..	..	..
Surigao del Sur	0.6	0.1	..	0.2	..	..	..	..	..	..
ARMM	..	..	0.6	5.3	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	0.9	..	..	..	..	..	..
Tawi-tawi	..	..	0.6	4.4	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Siganid										
Philippines	**35.4**	**47.6**	**47.1**	**53.5**	**49.2**	**34.8**	**35.0**	**62.5**	**63.5**	**77.6**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	4.5	1.0	1.0	..	6.0	..	..	0.9	1.6	1.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.7
La Union	4.5	1.0	1.0	..	..	..	..	0.9	1.6	0.5
Pangasinan	..	..	..	..	6.0	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	0.3	..	0.3	..	..
Cagayan	..	..	..	..	..	0.3	..	0.3	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	4.1	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	4.1	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1.0	1.0	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	1.0	1.0	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	0.1	0.2	0.2	0.1	0.1	0.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	0.1	0.2	0.2	0.1	0.1	0.1
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	0.0	0.1	0.0	0.1	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	0.0	0.1	0.0	0.1	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	0.5	0.8	1.2	1.0	3.2	3.2	2.6	2.2	0.1
Bohol	..	0.0	0.1	..	0.8	2.0	1.0	1.5	1.3	..
Cebu	..	0.5	0.3	0.8	0.2	0.0	0.1	0.0	..	0.0
Negros Oriental	..	..	0.3	..	..	0.1	0.1	0.1	0.7	0.1
Siquijor	..	..	0.2	0.4	..	1.0	2.0	1.0	0.2	..
Eastern Visayas	..	..	..	0.0	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	0.0	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	3.0	3.2	3.2	3.8	3.9	4.4	4.2	0.3	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	3.0	3.2	3.2	3.8	3.9	4.4	4.2	0.3	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	0.0	0.0	..	..	..	..	..	..	..
Northern Mindanao	0.7	0.8	0.1	0.2	0.3	2.4	1.3	1.2	1.2	1.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	1.2	1.8
Misamis Occidental	..	..	..	..	0.3	0.0	..	1.2	..	0.1
Misamis Oriental	0.7	0.8	0.1	0.2	..	2.4	1.3	..	..	..
Davao Region	8.4	14.7	20.3	31.4	16.8	15.2	21.5	52.6	58.2	73.1
Davao del Norte	1.3	0.1	1.8	3.5	5.8	5.3	19.1	33.6	23.3	13.8
Davao del Sur	6.9	14.1	17.9	27.9	10.9	7.4	0.6	18.1	34.2	50.7
Davao City	..	..	..	..	..	2.0	..	..	..	..
Davao Oriental	..	..	..	..	..	..	1.8	0.4	0.2	5.5
Compostela Valley	0.2	0.5	0.6	..	..	0.4	0.0	0.5	0.4	3.2
SOCCSKSARGEN	0.2	0.6	..	..	1.0	0.6	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	0.2	0.6	..	..	1.0	0.6	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	17.6	25.8	21.7	17.0	16.0	8.5	4.6	4.4	0.4	1.3
Agusan del Norte	1.8	0.0	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	8.7	16.0	16.4	16.7	13.8	8.4	4.6	4.3	0.4	1.3
Surigao del Sur	7.1	9.9	5.2	0.3	2.2	0.1	..	0.1	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Spiny lobster										
Philippines	**13.4**	**17.4**	**18.3**	**18.5**	**82.4**	**63.1**	**32.9**	**8.5**	**4.7**	**4.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	0.3	0.1	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	0.3	0.1	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	0.0	0.1	0.0	0.0	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	0.0	0.1	0.0	0.0	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	0.0	..	..	..	..	..	..	..	..
Bohol	..	0.0	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	0.1	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	0.1	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	0.0	..
Davao del Norte	..	..	..	..	..	..	..	..	0.0	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	13.4	17.1	18.2	18.5	11.7	8.8	7.4	8.5	4.7	4.8
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	11.9	15.3	16.3	17.9	11.7	8.8	7.4	8.5	4.7	4.8
Surigao del Sur	1.5	1.8	1.9	0.6	..	..	..	..	..	..
ARMM	..	..	..	..	70.7	54.3	25.4	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	70.7	54.3	25.4	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**340.0**	**593.8**	**532.6**	**399.0**	**1,168.2**	**1,074.2**	**1,370.7**	**808.9**	**396.6**	**365.5**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	10.9	32.2	4.2	4.3	5.9	9.4	13.5	13.9	11.1	6.5
Ilocos Norte	0.0	1.9	0.8	0.2	0.0	0.7	..	..	..	..
Ilocos Sur	..	..	0.8	1.2	1.2	1.3	1.8	1.7	1.7	0.6
La Union	10.8	30.3	2.6	2.9	4.6	7.4	11.7	12.2	9.4	6.0
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	17.8	10.2	8.3	8.3	9.7	10.2	..	4.4	2.1	5.6
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	17.8	10.2	8.3	8.3	9.7	10.2	..	4.4	2.1	5.6
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	12.4	3.1	2.8	..	..	..	..	0.8	0.3	0.4
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	12.4	3.1	2.8	..	..	..	..	0.8	0.3	0.4
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	0.1	537.9	441.0	594.1	84.5	59.4	58.2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	0.5	2.2	1.7	1.3	1.5	1.8
Oriental Mindoro	..	..	..	..	..	..	..	..	..	0.8
Palawan	..	..	..	0.1	537.4	438.8	592.5	83.2	57.9	55.7
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	4.0	4.8	5.5	7.2	9.6	10.4	8.5	13.7	12.0	18.1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	4.0	4.8	5.5	7.2	9.6	10.4	8.5	13.7	12.0	18.1
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	2.1	6.6	5.7	8.5	8.9	9.8	22.7	20.2	23.9	25.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	0.9	0.5	2.8	3.8	4.2	4.3	4.6	4.8	6.9
Guimaras	0.2	..	1.0	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	1.9	5.7	4.2	5.7	5.1	5.7	18.5	15.6	19.1	18.1
Central Visayas	1.5	0.8	18.2	2.6	27.2	5.7	7.7	12.4	7.1	20.6
Bohol	..	0.1	0.2	1.9	24.6	3.7	5.0	7.3	5.8	6.0
Cebu	..	0.7	0.8	0.6	2.6	2.0	2.7	5.1	1.3	14.6
Negros Oriental	1.5	..	17.2	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	394.4	372.0	478.5	376.2	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	394.4	372.0	478.5	376.2	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	0.5	3.4	3.3	7.3	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	0.5	3.4	3.3	7.3	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	0.0
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	0.0
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	8.7	104.3	137.6	2.2	1.1	1.1	1.5	2.3	4.8	9.4
Davao del Norte	6.4	1.1	0.4	1.8	1.0	1.0	0.7	0.5	2.2	0.2
Davao del Sur	2.2	102.8	137.2	0.5	..	..	..	..	0.2	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	0.5	..	..	0.1	0.1	0.8	1.8	2.4	9.2
SOCCSKSARGEN	281.6	431.4	345.8	361.4	123.9	179.1	231.9	267.9	267.5	216.5
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	279.1	431.4	345.8	361.4	123.9	179.1	231.9	267.9	267.5	216.5
South Cotabato	2.5	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	1.0	..	1.2	..	..	..	6.8	9.2	4.9	1.6
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	6.8	9.2	4.8	1.6
Surigao del Sur	1.0	..	1.2	..	..	..	..	..	0.0	..
ARMM	..	..	..	1.2	42.3	35.4	5.6	3.5	3.5	3.6
Basilan	..	..	..	1.2	3.3	3.3	3.4	3.5	3.5	3.6
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	39.0	32.1	2.2	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

TABLE 2.5.9
AQUACULTURE OF OYSTER, MUSSEL, SEAWEED: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Oyster										
Philippines	**16,838.4**	**20,508.1**	**20,174.8**	**19,930.6**	**22,525.5**	**21,461.8**	**20,648.4**	**22,069.8**	**22,355.2**	**20,260.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	2,822.8	4,468.7	5,440.7	4,979.2	6,868.2	4,268.0	1,532.8	1,714.8	1,335.1	1,187.7
Ilocos Norte	0.6	0.9	1.0	1.1	1.0	0.7	0.1	0.4	0.5	0.6
Ilocos Sur	19.1	22.9	23.1	28.3	25.0	25.4	25.7	25.5	25.9	30.4
La Union	358.2	334.9	443.7	364.0	345.3	342.8	304.4	321.9	461.2	443.9
Pangasinan	2,445.0	4,110.0	4,972.8	4,585.8	6,496.9	3,899.1	1,202.6	1,367.1	847.5	712.9
Cagayan Valley	590.0	580.9	531.0	527.2	713.5	617.8	547.6	598.3	585.2	628.0
Cagayan	590.0	580.9	531.0	527.2	713.5	617.8	547.6	598.3	585.2	628.0
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	4,743.0	5,074.4	3,562.0	3,425.6	4,059.4	4,508.7	4,952.4	5,263.6	5,182.9	5,294.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	41.3	42.6	10.3	12.2	14.1	12.7	11.2	11.3	10.5	8.0
Bulacan	4,701.7	5,031.9	3,551.7	3,413.4	4,045.3	4,495.9	4,941.2	5,252.3	5,172.4	5,286.3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	796.0	635.4	705.3	676.7	977.5	995.8	1,428.6	1,941.2	1,489.6	569.7
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	796.0	635.4	705.3	673.2	975.8	994.4	1,426.8	1,938.9	1,487.8	565.9
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	3.5	1.7	1.3	1.8	2.3	1.8	3.7
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	42.8	40.1	16.3	..	..	4.1	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	42.8	40.1	16.3	..	..	4.1	..	..	..	..
Western Visayas	6,724.1	8,331.4	8,502.7	8,820.9	8,281.7	9,623.5	10,865.2	11,199.4	12,252.8	11,134.1
Aklan	241.9	343.1	374.7	234.9	273.6	323.0	411.1	475.5	571.4	599.8
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	4,721.0	5,979.5	5,852.1	6,009.8	6,109.5	6,504.3	6,871.9	6,863.4	6,718.7	5,452.8
Guimaras	10.5	11.1	7.4	5.9	3.0	2.1	4.9	2.1	1.3	1.1
Iloilo	916.2	1,110.8	1,425.2	1,517.4	904.0	1,315.0	1,661.1	1,878.7	1,738.2	2,343.0
Negros Occidental	834.6	886.8	843.3	1,053.0	991.6	1,479.1	1,916.2	1,979.7	3,223.2	2,737.4
Central Visayas	268.1	301.4	440.4	444.2	591.1	720.3	743.6	815.7	971.3	910.8
Bohol	256.0	273.9	404.2	399.8	393.5	420.2	394.1	313.8	726.4	582.6
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	12.1	27.5	36.2	44.4	197.6	300.1	349.5	501.9	244.9	328.2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	2.0	31.7	33.1	34.0	44.1	48.4	46.8	41.7	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	6.3	1.5	6.1	3.9	0.6	0.0	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	2.0	25.5	31.7	27.9	40.2	47.8	46.8	41.7	..	..
Zamboanga Peninsula	360.5	560.5	572.3	633.5	713.9	382.2	226.8	198.7	196.7	232.2
Zamboanga del Norte	82.4	91.4	91.0	98.1	122.4	129.3	132.4	136.2	150.0	157.2
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	278.1	469.1	481.3	535.4	591.6	252.9	94.3	62.5	46.7	75.0
Northern Mindanao	..	0.6	2.1	3.1	1.0	1.1	1.8	0.4	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	0.6	2.1	3.1	1.0	1.1	1.8	0.4	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	489.0	482.7	368.9	386.2	275.1	292.1	302.8	295.9	341.6	304.3
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	489.0	482.7	368.9	386.2	275.1	292.1	302.8	295.9	341.6	304.3
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	0.4	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	0.4	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

TABLE 2.5.9
AQUACULTURE OF OYSTER, MUSSEL, SEAWEED: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mussel										
Philippines	**19,690.3**	**20,113.6**	**23,017.2**	**19,936.5**	**20,876.8**	**22,442.7**	**25,660.4**	**22,894.2**	**18,761.8**	**15,949.1**
NCR	..	5.4	103.0	139.9	136.0	256.0	263.3	247.2	281.5	253.6
Metro Manila	..	5.4	103.0	139.9	136.0	256.0	263.3	247.2	281.5	253.6
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	699.0	792.1	833.9	777.2	653.8	791.1	728.0	644.8	470.8	399.7
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	699.0	792.1	833.9	777.2	653.8	791.1	728.0	644.8	470.8	399.7
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2,068.5	2,106.8	2,290.4	2,069.4	1,717.9	1,438.3	1,008.0	1,014.1	890.5	525.2
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	2,068.5	2,106.8	2,290.4	2,069.4	1,717.9	1,438.3	1,008.0	1,014.1	890.5	525.2
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	6,824.0	6,311.5	7,300.6	4,297.2	5,494.0	6,435.5	8,060.9	7,124.4	4,044.9	3,435.5
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	6,824.0	6,311.5	7,300.6	4,297.2	5,494.0	6,435.5	8,060.9	7,124.4	4,044.9	3,435.5
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	10.0	6.0	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	10.0	6.0	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	816.4	358.1	117.8	..	..	12.2	272.1	283.8	284.5	322.2
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	816.4	358.1	117.8	..	..	12.2	272.1	283.8	284.5	322.2
Western Visayas	6,460.2	7,229.1	9,030.3	9,200.4	9,162.6	9,000.7	8,508.8	8,524.2	8,130.8	6,645.5
Aklan	617.0	495.2	517.7	459.6	445.4	378.4	445.8	360.6	285.6	153.6
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	4,929.3	5,828.1	7,576.7	7,702.5	7,371.9	7,538.7	7,753.8	7,804.0	7,273.1	6,112.4
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	9.3	..	..	15.8	3.2	..	0.1	0.5	..	..
Negros Occidental	904.6	905.8	936.0	1,022.5	1,342.1	1,083.6	309.0	359.2	572.1	379.4
Central Visayas	0.0	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.0	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	2,820.3	3,309.4	3,329.4	3,446.1	3,712.4	4,508.1	6,809.7	5,055.6	4,658.7	4,367.4
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	0.3	..	..	1.6	4.2	5.7	1.0	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	2,820.0	3,309.4	3,329.4	3,444.5	3,708.2	4,502.4	6,808.7	5,055.6	4,658.7	4,367.4
Zamboanga Peninsula	1.8	0.9	0.9	0.3	..	..	..	..	..	..
Zamboanga del Norte	1.8	0.9	0.9	0.3	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	0.4	0.9	0.1	0.1	0.8	9.8	..	..	0.1
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	0.4	0.9	0.1	0.1	0.8	9.8	..	..	0.1
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

TABLE 2.5.9
AQUACULTURE OF OYSTER, MUSSEL, SEAWEED: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Seaweed										
Philippines	**1,468,906.0**	**1,505,070.0**	**1,666,556.0**	**1,739,995.0**	**1,801,272.0**	**1,840,833.0**	**1,751,071.0**	**1,558,378.0**	**1,549,576.0**	**1,566,362.0**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	80.1	169.4	141.8	190.0	178.2	195.7	69.0	58.2	35.0	26.5
Ilocos Norte	2.1	0.0	..	..	..	..	..	..	..	..
Ilocos Sur	6.6	1.9	..	..	..	..	..	..	..	..
La Union	3.9	0.6	1.1	1.1	0.2	..	..	0.1	0.0	0.8
Pangasinan	67.5	167.0	140.7	188.9	178.0	195.7	69.0	58.1	34.9	25.7
Cagayan Valley	1,118.4	1,178.9	2,349.6	2,272.8	2,007.1	1,798.7	1,138.8	2,423.9	527.2	266.5
Cagayan	1,118.4	1,176.9	2,349.6	2,272.8	2,007.1	1,798.7	1,138.8	2,423.9	527.2	266.5
Isabela	..	2.0	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	119.6	254.4	215.2	177.9	373.2	789.3	1,195.5	1,596.5	2,368.5	1,827.5
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	19.2	30.0	50.0	2.5	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	100.4	224.4	165.2	175.4	373.2	789.3	1,195.5	1,596.5	2,368.5	1,827.5
CALABARZON	27,705.8	26,581.1	44,180.2	60,990.9	44,437.2	46,832.2	45,131.0	41,413.3	32,617.7	23,492.7
Batangas	703.3	982.3	868.8	1,410.0	1,450.6	1,370.5	547.9	1,013.0	192.3	116.2
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	27,002.5	25,598.9	43,311.4	59,580.9	42,986.6	45,461.7	44,583.2	40,400.2	32,425.4	23,376.5
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	400,892.2	364,915.8	447,143.4	450,937.2	461,159.9	483,190.8	458,527.5	340,691.3	361,352.6	395,125.8
Marinduque	1,049.2	406.9	403.2	403.5	422.4	302.3	269.5	213.2	162.8	90.1
Occidental Mindoro	1,517.6	1,598.3	1,805.2	1,938.2	2,548.6	2,555.1	2,478.3	2,718.6	3,117.5	3,254.8
Oriental Mindoro	138.0	121.2	110.0	80.3	56.5	64.6	249.7	281.4	277.9	112.5
Palawan	397,848.8	362,390.1	444,355.4	447,752.7	456,145.6	477,185.5	451,926.4	334,736.3	354,128.2	387,680.3
Romblon	338.5	399.3	469.6	762.5	1,986.9	3,083.3	3,603.8	2,741.8	3,666.2	3,988.3
Bicol Region	50,435.6	51,407.9	50,649.3	52,684.8	56,861.5	58,842.0	61,503.5	61,089.9	59,863.8	55,382.1
Albay	..	..	..	..	501.6	766.5	673.4	591.9	596.1	215.1
Camarines Norte	28,079.0	27,297.5	27,044.0	28,741.9	31,129.3	32,962.4	35,545.6	36,841.7	36,205.2	34,547.2
Camarines Sur	16,185.5	20,129.4	21,653.2	22,810.2	23,883.4	23,888.9	23,996.2	22,394.2	21,800.9	19,016.4
Catanduanes	5.4	0.1	2.2	4.7	6.0	4.0	..	1.1	2.9	6.6
Masbate	682.9	886.0	905.9	1,043.1	1,165.4	1,169.3	1,245.1	1,221.8	1,161.7	1,219.4
Sorsogon	5,482.8	3,094.8	1,044.0	84.8	175.9	50.9	43.2	39.3	96.9	377.4
Western Visayas	49,550.1	55,636.7	50,347.6	54,256.4	67,893.8	72,865.0	71,712.5	65,173.5	77,466.9	80,572.1
Aklan	0.6	12.0	3.8	..	22.7	5.6	3.1	1.9	10.5	..
Antique	48,378.8	53,699.7	47,692.6	52,450.8	66,682.1	71,462.8	70,146.4	63,632.3	76,686.3	80,018.2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	440.0	588.6	1,474.9	1,641.4	1,140.6	1,355.1	1,552.9	1,518.4	748.9	530.8
Iloilo	512.2	1,228.4	1,064.9	62.5	34.6	27.0	2.9	16.4	18.4	20.2
Negros Occidental	218.5	108.0	111.5	101.8	13.8	14.5	7.2	4.4	2.9	2.9
Central Visayas	93,735.4	108,439.7	111,117.0	121,273.2	130,135.9	137,871.5	136,159.1	124,247.4	104,943.5	96,588.6
Bohol	84,924.0	103,522.2	105,641.6	113,794.6	121,220.3	126,715.9	124,947.9	114,046.7	99,753.0	88,372.5
Cebu	4,505.8	3,966.3	4,350.7	6,721.4	7,928.0	9,915.3	10,398.6	9,788.6	4,742.9	7,965.9
Negros Oriental	4,253.5	923.3	1,096.5	739.2	972.0	1,215.5	776.0	367.3	408.3	225.0
Siquijor	52.1	27.9	28.2	18.0	15.7	24.8	36.5	44.9	39.3	25.2
Eastern Visayas	17,825.9	18,896.1	20,959.9	22,919.6	24,645.2	31,939.6	34,172.1	27,884.6	17,925.8	18,513.5
Biliran	..	..	1.7	..	1.3	0.2	0.1	0.0	..	..
Eastern Samar	2,811.0	2,719.1	3,944.5	4,753.1	5,460.2	10,740.0	12,326.8	11,181.1	0.2	73.1
Leyte	14,442.5	15,627.8	16,119.6	17,313.6	18,172.6	21,016.9	21,541.6	16,331.8	17,571.8	18,085.4
Northern Samar	60.0	..	..	8.5	12.7	181.3	301.9	371.7	353.9	355.0
Southern Leyte	509.9	546.5	894.1	844.5	998.4	1.3	1.7	..	..	..
Samar	2.5	2.8	..	..	..	..	..	..	..	..
Zamboanga Peninsula	211,228.5	201,618.7	222,161.8	225,057.2	258,131.3	254,521.1	246,304.3	218,789.7	206,161.1	204,180.5
Zamboanga del Norte	15,904.8	16,378.7	1,250.2	5,080.7	32,533.8	32,927.8	39,992.2	35,906.7	39,701.4	36,241.2
Zamboanga del Sur	72,391.0	73,940.9	62,427.0	56,335.4	46,017.4	34,459.8	31,073.2	25,484.0	22,359.1	22,404.2
Zamboanga City	47,845.9	48,555.2	55,897.8	60,334.7	58,755.5	60,704.6	60,246.2	56,784.4	52,626.6	50,387.4
Zamboanga Sibugay	75,086.7	62,743.9	102,586.7	103,306.5	120,824.6	126,428.9	114,992.7	100,614.6	91,474.0	95,147.6
Northern Mindanao	33,803.1	35,524.8	35,818.2	38,879.9	44,279.1	42,618.7	42,053.3	42,261.3	40,784.8	39,409.1
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	635.7	856.0	369.6	142.0	148.0	282.5	251.4	143.9	94.3	..
Lanao del Norte	19,771.1	27,524.8	28,160.9	31,190.9	36,338.4	33,897.1	33,298.7	33,331.4	31,593.8	30,383.7
Misamis Occidental	13,226.7	7,005.8	7,263.7	7,540.8	7,792.0	8,439.0	8,503.3	8,786.0	9,095.3	9,025.4
Misamis Oriental	169.6	138.2	24.0	6.2	0.8	..	..	..	1.4	..
Davao Region	2,201.7	2,161.1	2,625.9	4,344.2	2,987.4	2,067.2	1,937.2	3,686.5	6,005.5	8,384.0
Davao del Norte	4.6	5.7	1.7	0.2	..	77.0	44.0	8.9	..	..
Davao del Sur	1,292.0	1,338.9	1,908.0	3,723.6	2,302.8	1,141.2	1,251.6	3,341.3	5,462.9	8,040.6
Davao City	575.7	651.2	641.4	524.8	597.0	717.3	602.7	336.3	504.5	212.6
Davao Oriental	318.2	129.9	63.2	94.0	62.4	76.1	37.2	..	24.8	106.6
Compostela Valley	11.2	35.5	11.6	1.7	25.2	55.5	1.7	..	13.3	24.2
SOCCSKSARGEN	36.4	82.3	188.9	266.0	329.9	449.0	506.8	20.6	144.1	358.7
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	22.6	61.1	180.3	266.0	329.9	449.0	506.8	20.6	45.7	118.1
South Cotabato	..	..	..	..	..	..	..	..	98.3	240.6
Sultan Kudarat	13.9	21.2	8.6	..	..	..	..	..	..	..
Caraga	19,488.6	20,578.5	21,498.1	22,660.2	21,454.5	20,401.6	21,296.6	19,876.7	16,383.9	14,798.7
Agusan del Norte	46.4	5.3	1.0	0.3	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2,843.2	2,965.3	3,235.1	3,253.1	3,003.8	2,422.6	2,344.5	2,549.2	1,227.3	1,179.3
Surigao del Sur	16,599.0	17,607.9	18,262.0	19,406.8	18,450.8	17,979.0	18,952.1	17,327.6	15,156.6	13,619.4
ARMM	560,684.7	617,624.1	657,159.5	683,084.8	686,397.5	686,450.5	629,363.4	609,164.5	622,995.6	627,435.5
Basilan	3,658.5	4,468.0	5,945.2	5,963.3	6,063.1	6,254.2	6,376.6	6,488.1	6,628.6	6,478.1
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	55,800.0	64,007.3	74,116.4	80,222.1	86,687.1	87,756.4	89,579.8	89,386.5	90,927.6	92,219.5
Sulu	178,150.3	187,236.4	199,205.6	210,250.9	217,376.6	219,955.9	214,230.4	218,694.1	220,439.6	222,835.2
Tawi-tawi	323,076.0	361,912.5	377,892.3	386,648.6	376,270.7	372,484.1	319,176.6	294,595.8	304,999.8	305,902.7

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**..**	**1.2**	**0.8**	**2.6**	**57.9**	**43.5**	**61.8**	**2.3**	**2.2**	**2.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	0.0	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	0.0	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	1.2	0.2	1.4	19.2	1.5	2.4	1.3	1.2	2.2
Ilocos Norte	..	0.3	0.0	0.2	0.3	0.2	0.4	0.0	1.2	1.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	0.0	0.1	0.1	..	..	..	..	..	0.0
Pangasinan	..	0.8	0.1	1.2	18.9	1.3	2.0	1.3	..	1.2
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	37.9	38.4	57.0	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	37.9	38.4	57.0	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..		..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	0.5	0.9	0.8	3.6	2.5	0.9	0.9	0.6
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	0.2	0.3	0.3	0.6	0.7	0.9	0.4	0.5
Negros Occidental	..	..	0.3	0.6	0.5	3.1	1.8	0.1	0.5	0.1
Central Visayas	..	..	..	..	..	..	..	..	0.2	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	0.2	..
Eastern Visayas	..	..	..	0.0	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	0.0	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	0.2	0.2	..	..	..	..	..	..
Davao del Norte	..	..	0.2	0.2	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Carp										
Philippines	**..**	**0.2**	**0.1**	**0.3**	**7.3**	**4.4**	**7.3**	**0.1**	**..**	**0.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.2	0.1	0.3	3.5	0.2	0.3	0.1	..	0.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	0.2	0.1	0.3	3.5	0.2	0.3	0.1	..	0.1
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	3.8	4.2	7.0	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	3.8	4.2	7.0	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Catfish										
Philippines	**..**	**0.3**	**0.3**	**0.2**	**3.1**	**1.6**	**2.2**	**0.1**	**..**	**0.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.3	0.2	0.2	1.7	0.2	0.2	0.1	..	0.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	0.3	0.2	0.2	1.7	0.2	0.2	0.1	..	0.1
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	1.4	1.4	2.0	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	1.4	1.4	2.0	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	0.1	..	..	..	0.0	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	0.1	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	0.0	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	0.0	..	..	..	..	..	..	..
Davao del Norte	..	..	0.0	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gourami										
Philippines	**..**	**0.1**	**0.1**	**0.2**	**5.4**	**2.0**	**2.1**	**0.6**	**..**	**0.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.1	0.1	0.2	3.5	0.1	0.4	0.6	..	0.4
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	0.1	0.1	0.2	3.5	0.1	0.4	0.6	..	0.4
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	1.8	1.9	1.7	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	1.8	1.9	1.7	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mudfish										
Philippines	**..**	**1.3**	**0.9**	**1.4**	**1.2**	**1.2**	**1.7**	**0.2**	**..**	**0.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	1.3	0.9	1.3	0.4	0.4	0.3	0.2	..	0.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	0.8	0.8	0.8	..	..	..	..	..	..
Pangasinan	..	0.5	0.1	0.5	0.4	0.4	0.3	0.2	..	0.1
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	0.8	0.8	1.4	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	0.8	0.8	1.4	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	0.0	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	0.0	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	0.0	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	0.0	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	0.0	..	..	..	..	..	..	..
Davao del Norte	..	..	0.0	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**..**	**..**	**..**	**0.2**	**0.5**	**0.3**	**0.3**	**0.2**	**..**	**..**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	0.2	0.5	0.3	0.3	0.2	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	0.2	0.5	0.3	0.3	0.2	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Catfish										
Philippines	**0.8**	**2.3**	**26.3**	**7.1**	**5.9**	**9.6**	**8.9**	**6.9**	**6.1**	**3.9**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	2.2	0.1	0.2	0.3	0.3	1.4	1.0	0.5
Ilocos Norte	..	..	0.2	0.1	0.1	0.2	0.3	1.4	1.0	0.4
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	2.0	..	0.1	0.1	..	..	0.0	0.0
Cagayan Valley	0.8	2.3	4.1	4.1	3.0	4.4	3.9	3.9	3.1	2.3
Cagayan	0.6	1.6	1.7	1.9	1.0	1.2	1.0	0.8	0.7	0.6
Isabela	0.2	0.8	2.0	1.8	1.8	2.5	2.3	2.8	2.1	1.6
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	0.4	0.4	0.3	0.7	0.6	0.3	0.3	0.1
Central Luzon	..	..	1.8	0.9	0.9	0.9	2.0	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	0.7	0.9	..	..	..	..	..	..
Nueva Ecija	..	..	1.1	..	..	..	..	..	..	..
Pampanga	..	..	..	..	0.9	0.9	2.0	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	18.0	1.3	1.3	2.4	0.5	0.0	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	1.3	1.3	1.0	0.5	0.0	..	..
Iloilo	..	..	18.0	..	..	1.3	..	..	..	..
Negros Occidental	..	..	0.0	..	..	..	..	..	..	..
Central Visayas	..	..	0.0	0.1	0.1	0.1	0.1	0.1	0.0	..
Bohol	..	..	0.0	0.1	0.1	0.1	0.1	0.1	0.0	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	0.0	..	0.0	..
Bukidnon	..	..	..	..	..	..	0.0	..	0.0	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	0.6	0.1
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	0.6	0.1
SOCCSKSARGEN	..	..	0.1	0.6	0.3	1.4	2.0	1.5	1.4	1.1
North Cotabato	..	..	0.1	0.4	0.3	1.4	2.0	1.5	1.4	1.1
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	0.2	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Milkfish										
Philippines	..	..	..	..	0.4	..	..	..	..	..
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	0.4	..	..	..	..	..
Bukidnon	..	..	..	..	0.4	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tilapia										
Philippines	**75.7**	**74.6**	**201.6**	**118.5**	**143.2**	**205.5**	**293.9**	**151.5**	**116.8**	**59.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	0.1	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	0.1	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	13.0	0.1	29.7	2.9	8.8	9.1	8.6	5.0	4.6	4.7
Ilocos Norte	13.0	..	9.9	2.9	3.2	3.4	3.8	5.0	4.3	4.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.3
La Union	..	0.1	0.0	0.1	..	..	..	..	..	0.1
Pangasinan	..	0.0	19.7	..	5.6	5.7	4.8	..	0.3	0.3
Cagayan Valley	62.7	74.4	79.2	94.6	56.2	106.1	89.5	93.5	72.3	26.3
Cagayan	24.0	34.4	32.8	35.6	9.1	10.9	8.1	6.4	6.0	5.3
Isabela	37.2	36.1	35.5	28.4	21.7	28.1	30.3	32.3	21.8	15.4
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	1.6	4.0	10.9	30.6	25.4	67.1	51.1	54.9	44.5	5.6
Central Luzon	..	..	87.1	3.8	61.8	63.1	164.1	9.1	2.2	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	40.6	3.8	6.0	6.6	6.8	5.8	..	..
Nueva Ecija	..	..	46.5	..	..	..	6.1	3.3	2.2	..
Pampanga	..	..	..	..	55.8	56.6	151.3	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	0.0	2.9	3.2	2.7	1.1	0.4	1.4	0.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	2.3	3.0	2.0	1.1	0.2	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	0.0	0.6	0.1	0.7	..	0.2	1.4	0.0
Central Visayas	..	..	5.3	10.4	8.8	10.9	9.5	11.0	1.6	..
Bohol	..	..	5.3	10.4	8.8	10.9	9.5	11.0	1.6	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	0.6	0.9	1.1	1.4	2.0	1.8	1.3
Bukidnon	..	..	..	0.6	0.9	1.1	1.4	2.0	1.8	1.3
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	0.4	2.4
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	0.4	2.4
SOCCSKSARGEN	..	..	0.4	3.4	3.7	12.7	19.7	30.6	32.6	24.5
North Cotabato	..	..	0.4	3.1	3.7	12.7	19.7	30.6	32.6	24.5
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	0.3	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Carp										
Philippines	**1.1**	**2.0**	**8.6**	**5.9**	**4.9**	**10.8**	**17.1**	**7.2**	**7.3**	**2.9**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	1.4	0.0	1.1	1.1	1.2	0.0	0.0	0.0
Ilocos Norte	..	..	..	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	1.4	..	1.1	1.1	1.2	..	..	..
Cagayan Valley	1.1	2.0	7.2	5.8	3.7	8.6	12.8	5.5	5.9	2.0
Cagayan	1.1	1.7	1.8	1.9	1.1	1.3	0.9	0.6	0.5	0.5
Isabela	0.1	0.4	0.4	0.3	..	..	0.2	0.2	0.8	0.8
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	4.9	3.7	2.6	7.3	11.8	4.7	4.6	0.7
Central Luzon	..	..	..	..	..	..	1.0	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	1.0	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	0.0	0.1	0.2	0.2	0.3	0.0	..
Bohol	..	..	..	0.0	0.1	0.2	0.2	0.3	0.0	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	0.0	0.1	0.1	1.0	1.9	1.4	1.4	0.9
North Cotabato	..	..	0.0	0.1	0.1	1.0	1.9	1.4	1.4	0.9
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gourami										
Philippines	**0.6**	**0.5**	**1.6**	**3.9**	**3.0**	**3.8**	**4.6**	**2.6**	**1.3**	**0.7**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Ilocos Norte	..	..	..	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	0.0	..	..	..	..	..
Cagayan Valley	0.6	0.5	1.6	3.6	2.1	2.3	1.4	1.0	0.0	..
Cagayan	0.6	0.5	1.6	3.6	2.1	2.3	1.4	1.0	0.0	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	0.7	0.7	1.5	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	0.7	0.7	1.5	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	0.2	..	..	..	..
Bukidnon	..	..	..	..	..	0.2	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	0.3	0.2	0.7	1.7	1.5	1.2	0.7
North Cotabato	..	..	..	0.2	0.2	0.7	1.7	1.5	1.2	0.7
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	0.2	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mudfish										
Philippines	**2.1**	**2.5**	**11.2**	**8.5**	**9.9**	**13.7**	**14.6**	**9.1**	**7.5**	**5.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.0	6.4	0.1	4.7	4.9	4.8	0.1	0.2	0.2
Ilocos Norte	..	..	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	0.0	6.2	..	4.6	4.8	4.7	..	0.1	0.1
Cagayan Valley	2.1	2.5	3.8	6.6	4.5	5.5	5.2	4.9	3.0	2.2
Cagayan	0.8	1.7	2.0	5.0	2.7	3.1	2.8	2.3	1.1	0.8
Isabela	0.7	0.8	1.4	1.2	1.4	1.9	1.7	1.9	1.4	1.3
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	0.7	..	0.5	0.4	0.4	0.5	0.7	0.7	0.5	0.1
Central Luzon	..	..	0.9	0.8	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	0.3	0.8	..	..	..	..	..	..
Nueva Ecija	..	..	0.7	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	0.1	0.2	0.2	0.2	0.2	0.2	0.0	..
Bohol	..	..	0.1	0.2	0.2	0.2	0.2	0.2	0.0	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	0.3	0.2	0.3	0.0	0.0	0.0	..
Bukidnon	..	..	..	0.3	0.2	0.3	0.0	0.0	0.0	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	0.1	0.5	0.4	2.9	4.3	3.9	4.3	2.8
North Cotabato	..	..	0.1	0.4	0.4	2.9	4.3	3.9	4.3	2.8
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	0.1	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.5.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Others										
Philippines	**0.3**	**1.2**	**4.1**	**3.5**	**1.3**	**1.6**	**1.2**	**0.9**	**7.5**	**0.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.0	0.6	..	0.0	0.0	0.0	0.0	..	..
Ilocos Norte	..	..	..	..	0.0	0.0	0.0	0.0	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	0.0	0.6	..	..	..	..	..	..	..
Cagayan Valley	0.3	1.2	3.5	3.5	1.3	1.6	1.2	0.9	0.8	0.1
Cagayan	0.3	1.2	3.5	3.5	1.3	1.6	1.1	0.6	0.7	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	0.1	0.3	0.1	0.1
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	6.8	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	6.8	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

. Data not available .. No reported data Total may not add up because of rounding off.
Source: Philippine Statistics Authority

Table 2.6.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Palay										
Philippines	**4,159,930**	**4,272,889**	**4,459,977**	**4,532,310**	**4,354,161**	**4,536,642**	**4,690,061**	**4,746,091**	**4,739,672**	**4,656,227**
NCR										
CAR	104,021	118,135	119,816	119,368	117,057	118,779	120,100	119,919	118,476	111,482
Abra	16,833	23,615	22,695	23,675	23,673	23,882	24,023	24,031	24,056	23,987
Apayao	23,120	28,944	29,636	29,333	29,281	29,376	29,429	28,942	27,566	27,552
Benguet	6,080	6,350	6,314	6,236	6,194	5,994	6,286	6,286	6,286	6,284
Ifugao	15,531	17,034	17,229	17,129	16,974	17,193	17,193	17,234	17,259	17,259
Kalinga	33,459	33,743	36,338	35,803	34,763	36,070	36,758	37,044	37,041	31,424
Mountain Province	8,998	8,449	7,604	7,192	6,172	6,264	6,411	6,382	6,268	4,976
Ilocos Region	376,426	377,361	388,763	389,339	394,110	392,417	403,169	406,813	412,419	412,936
Ilocos Norte	62,470	63,127	66,195	66,281	66,694	66,482	67,217	67,435	66,625	66,233
Ilocos Sur	46,515	46,473	47,058	46,898	47,661	47,744	47,786	48,175	48,390	48,361
La Union	34,075	35,176	36,961	36,413	34,228	35,758	36,396	35,575	36,772	38,255
Pangasinan	233,366	232,585	238,549	239,747	245,527	242,433	251,770	255,628	260,632	260,087
Cagayan Valley	503,593	501,943	536,916	533,315	506,351	562,806	582,557	585,294	591,660	584,119
Batanes	..	..	..	..	..	..	101	9	92	86
Cagayan	187,279	185,166	200,095	189,861	183,340	212,253	219,696	216,578	227,493	219,194
Isabela	245,307	245,210	260,218	266,429	251,064	273,032	283,149	286,618	286,319	282,903
Nueva Vizcaya	54,923	55,732	56,662	56,879	54,300	55,999	57,906	59,574	55,954	60,466
Quirino	16,084	15,835	19,941	20,146	17,647	21,522	21,705	22,515	21,802	21,470
Central Luzon	593,033	640,913	666,309	664,121	681,901	616,887	675,781	710,817	717,191	699,646
Aurora	21,560	23,242	23,564	23,722	23,252	22,885	23,081	22,100	23,136	21,972
Bataan	29,529	29,940	30,294	30,764	31,604	31,117	31,133	32,290	32,328	31,835
Bulacan	72,476	73,685	81,115	79,925	79,161	60,219	79,723	82,070	81,959	79,297
Nueva Ecija	255,618	274,850	285,905	295,840	299,844	286,821	304,189	315,376	318,284	308,446
Pampanga	74,503	85,158	85,910	74,236	84,746	68,826	84,257	90,965	91,611	90,330
Tarlac	111,136	126,088	129,659	129,490	133,424	116,734	123,255	134,864	136,445	134,086
Zambales	28,211	27,950	29,862	30,144	29,870	30,285	30,143	33,152	33,428	33,680
CALABARZON	104,031	104,714	112,120	107,038	104,124	114,186	113,010	115,518	116,568	113,066
Batangas	13,683	12,470	14,594	14,129	13,454	14,516	14,678	15,620	15,072	13,085
Cavite	11,935	10,820	11,401	12,364	11,930	12,482	11,107	11,499	11,783	11,634
Laguna	24,270	28,080	30,049	25,313	28,138	30,672	29,895	29,779	30,619	31,349
Quezon	45,534	45,745	48,471	49,459	43,260	48,544	50,918	50,445	51,021	48,901
Rizal	8,609	7,599	7,605	5,773	7,342	7,972	6,412	8,175	8,073	8,097
MIMAROPA	238,395	247,803	254,403	271,901	262,384	270,751	280,748	282,956	280,920	283,586
Marinduque	11,660	10,555	9,136	8,806	7,734	8,668	6,592	6,509	5,794	5,868
Occidental Mindoro	59,259	67,357	79,621	82,569	82,389	82,101	83,459	84,898	84,940	85,595
Oriental Mindoro	79,045	80,462	82,064	89,035	91,590	99,092	105,054	105,465	101,626	101,514
Palawan	76,559	80,417	74,067	81,333	70,548	69,973	74,762	75,544	78,204	80,507
Romblon	11,872	9,012	9,515	10,158	10,123	10,917	10,881	10,540	10,356	10,102
Bicol Region	281,483	286,374	290,718	313,602	316,804	318,361	334,275	343,199	329,573	342,307
Albay	48,174	42,027	45,842	48,638	51,159	55,269	55,494	55,964	53,488	51,883
Camarines Norte	20,418	19,470	20,814	20,671	20,986	21,428	23,521	25,369	25,493	23,016
Camarines Sur	136,277	147,262	143,795	158,348	158,870	150,652	156,312	159,105	145,973	171,244
Catanduanes	12,149	12,064	11,600	12,993	12,240	15,152	10,924	10,339	11,498	10,663
Masbate	36,715	35,650	38,485	39,148	41,847	41,091	51,807	57,401	57,441	52,039
Sorsogon	27,750	29,901	30,182	33,804	31,702	34,769	36,217	35,021	35,680	33,462
Western Visayas	611,135	601,595	646,197	669,306	541,253	654,185	668,810	616,273	618,727	622,315
Aklan	41,976	43,082	40,451	44,655	33,273	39,245	38,895	41,009	34,029	32,458
Antique	74,504	72,872	76,499	80,633	62,507	84,013	80,915	83,437	80,942	82,081
Capiz	106,874	107,871	107,783	121,320	107,440	111,296	112,559	100,634	95,593	94,234
Guimaras	18,594	19,685	20,238	21,547	17,788	20,281	21,815	17,476	19,706	15,531
Iloilo	257,262	244,115	285,623	281,910	203,436	275,877	289,535	250,791	264,269	271,954
Negros Occidental	111,925	113,970	115,603	119,241	116,809	123,473	125,091	122,926	124,188	126,057
Central Visayas	99,484	97,507	105,154	102,927	101,875	106,824	105,797	106,191	104,288	102,427
Bohol	72,459	70,541	76,063	74,622	74,958	77,841	77,226	77,757	77,130	75,260
Cebu	5,074	4,957	5,233	5,179	4,744	5,367	5,280	5,346	5,125	4,480
Negros Oriental	21,159	21,315	23,053	22,253	21,341	22,739	22,539	22,406	21,351	21,952
Siquijor	792	694	805	873	832	877	752	682	682	735
Eastern Visayas	233,221	260,386	276,573	272,611	275,691	284,933	285,394	282,153	283,020	268,315
Biliran	15,545	15,293	15,163	15,079	14,880	14,845	14,814	14,807	14,791	14,791
Eastern Samar	15,632	16,715	17,910	18,473	19,837	20,388	21,054	21,373	21,519	21,401
Leyte	104,869	128,726	136,344	131,605	131,511	134,003	133,090	128,140	128,993	119,183
Northern Samar	38,871	38,039	39,840	37,356	38,183	39,636	39,664	41,047	41,106	41,094
Southern Leyte	18,232	18,125	20,622	22,897	21,895	21,725	22,074	21,945	21,867	21,767
Samar (Western Samar)	40,072	43,488	46,694	47,201	49,385	54,336	54,698	54,841	54,744	50,079
Zamboanga Peninsula	141,177	148,278	145,314	153,743	145,070	158,424	157,888	161,721	163,096	163,636
Zamboanga del Norte	32,762	32,253	30,350	32,655	26,748	30,123	33,286	36,880	36,362	36,840
Zamboanga del Sur	60,715	66,470	67,149	68,950	70,364	74,036	72,480	73,196	75,171	75,211
Zamboanga Sibugay	42,019	43,183	41,500	45,531	41,681	47,110	44,513	44,314	44,352	44,040
Zamboanga City	5,681	6,372	6,315	6,607	6,277	7,155	7,609	7,331	7,211	7,545
Northern Mindanao	122,492	129,249	137,276	147,270	143,324	152,410	154,712	158,338	161,414	163,755
Bukidnon	62,696	67,398	72,934	81,708	80,561	87,435	88,975	92,574	94,175	96,661
Camiguin	554	557	606	614	606	637	647	658	651	653
Lanao del Norte	37,444	39,063	39,675	40,350	37,630	39,617	40,174	40,060	40,214	40,042
Misamis Occidental	15,630	15,791	17,441	17,793	18,113	18,308	18,608	18,846	20,004	20,198
Misamis Oriental	6,168	6,440	6,620	6,805	6,414	6,413	6,308	6,200	6,370	6,201
Davao Region	108,992	97,487	95,252	96,168	95,901	100,683	103,993	103,294	103,822	99,220
Davao del Norte	30,754	27,932	28,560	29,387	28,826	31,558	33,150	32,781	31,354	28,526
Davao del Sur	28,415	26,117	24,709	24,875	24,974	25,896	26,215	26,377	26,550	26,460
Davao Oriental	16,268	14,944	15,035	14,045	13,648	14,060	14,710	14,195	14,603	15,149
Compostela Valley	25,094	23,149	22,983	23,651	24,290	24,764	25,227	25,147	26,398	24,878
Davao City	8,461	5,345	3,965	4,210	4,163	4,405	4,691	4,794	4,917	4,207
SOCCSKSARGEN	319,878	328,341	346,403	349,668	329,817	343,620	345,985	350,346	346,906	339,938
North Cotabato	122,042	122,857	131,870	132,659	122,487	128,360	131,110	130,205	129,452	125,606
Sarangani	13,799	13,956	13,814	14,957	14,136	14,679	14,614	14,700	14,581	14,252
South Cotabato	74,256	78,804	84,132	83,454	78,889	83,721	84,132	87,414	87,268	85,668
Sultan Kudarat	109,781	112,724	116,587	118,598	114,305	116,860	116,129	118,027	115,605	114,412
Caraga	126,058	133,444	138,259	137,173	130,867	141,852	155,041	176,559	174,170	155,130
Agusan del Norte	25,499	27,207	26,545	23,482	20,434	22,727	23,120	27,268	27,469	23,364
Agusan del Sur	47,633	52,727	58,082	56,630	58,405	66,479	79,234	90,010	87,973	75,430
Dinagat Islands	..	..	..	806	3,540	2,955	2,605	2,934	2,934	2,846
Surigao del Norte	26,800	26,247	26,861	27,722	20,427	23,054	22,601	22,959	22,093	20,642
Surigao del Sur	26,126	27,263	26,771	28,533	28,061	26,637	27,481	33,388	33,701	32,848
ARMM	196,511	199,359	200,504	204,760	207,632	199,524	202,801	226,700	217,422	194,349
Basilan	1,240	1,270	1,850	1,330	1,888	1,453	1,547	1,817	1,546	1,201
Lanao del Sur	54,008	56,845	61,196	58,067	60,494	57,849	62,921	66,580	59,220	56,355
Maguindanao	136,593	137,672	134,153	142,755	142,804	138,185	136,277	156,428	154,935	135,075
Sulu	3,000	2,970	2,750	2,078	1,853	1,572	1,632	1,567	1,410	1,471
Tawi-tawi	1,670	602	555	530	593	465	424	308	311	247

Table 2.6.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Irrigated Palay										
Philippines	**2,827,886**	**2,917,012**	**3,032,638**	**3,055,763**	**3,008,325**	**3,072,637**	**3,163,185**	**3,236,337**	**3,253,080**	**3,233,186**
NCR										
CAR	90,776	90,817	93,011	93,265	91,265	93,043	94,068	94,352	93,301	86,521
Abra	12,684	13,720	13,775	14,755	14,763	14,804	14,915	14,920	14,950	14,927
Apayao	18,020	16,276	16,968	17,140	17,140	17,319	17,372	17,358	16,267	16,270
Benguet	5,300	5,340	5,304	5,230	5,188	5,081	5,200	5,200	5,200	5,200
Ifugao	14,804	15,994	16,387	16,287	16,132	16,336	16,336	16,374	16,399	16,399
Kalinga	32,084	32,138	34,112	33,682	32,724	34,031	34,739	35,023	35,098	29,485
Mountain Province	7,884	7,349	6,465	6,171	5,318	5,472	5,506	5,477	5,387	4,240
Ilocos Region	237,958	237,839	247,034	255,564	260,757	263,633	273,371	279,749	285,823	285,940
Ilocos Norte	50,155	50,963	54,069	54,694	54,843	54,682	55,082	55,359	54,889	54,785
Ilocos Sur	24,259	24,872	24,463	24,517	25,101	25,394	26,511	27,925	28,261	28,164
La Union	20,910	21,309	22,142	22,056	19,850	21,453	22,259	21,570	22,571	23,993
Pangasinan	142,634	140,695	146,360	154,297	160,963	162,104	169,519	174,895	180,102	178,998
Cagayan Valley	433,709	428,617	454,715	447,183	441,583	479,036	495,501	510,338	511,873	511,196
Batanes	..	..	..	..	..	..	3	1	3	1
Cagayan	137,466	132,627	142,846	134,334	141,685	159,572	167,224	176,227	176,932	174,245
Isabela	230,856	230,018	241,444	241,632	232,438	248,420	255,278	258,780	262,366	260,535
Nueva Vizcaya	51,768	52,182	52,982	53,199	50,723	52,059	53,386	55,032	53,121	56,974
Quirino	13,619	13,790	17,443	18,018	16,737	18,985	19,610	20,298	19,451	19,441
Central Luzon	509,619	556,385	580,358	579,905	599,573	544,198	599,891	631,664	639,952	622,813
Aurora	19,430	21,062	21,798	21,952	21,695	21,436	21,476	20,579	21,780	20,624
Bataan	29,329	29,142	29,483	29,966	31,004	30,392	30,677	31,732	31,771	31,285
Bulacan	52,532	53,021	59,804	58,539	59,017	48,259	65,219	67,455	67,059	65,098
Nueva Ecija	216,768	236,150	246,305	257,109	261,034	249,571	265,802	277,185	280,756	270,509
Pampanga	70,975	81,654	82,270	71,811	81,656	65,906	81,077	87,285	87,906	86,761
Tarlac	101,657	116,306	120,006	119,466	124,353	107,494	114,365	123,214	125,830	123,587
Zambales	18,928	19,050	20,692	21,062	20,814	21,140	21,275	24,214	24,850	24,949
CALABARZON	74,458	75,511	80,024	75,124	79,494	83,111	80,120	81,415	86,191	85,094
Batangas	9,338	8,060	9,674	9,305	9,037	9,537	9,250	10,141	9,937	9,675
Cavite	9,614	8,930	9,318	10,494	10,530	10,615	9,827	10,151	10,948	10,808
Laguna	23,730	27,500	29,525	24,793	27,619	30,176	29,275	29,217	30,370	31,143
Quezon	24,151	24,334	24,712	25,293	25,366	25,386	25,770	25,773	28,508	27,008
Rizal	7,625	6,687	6,795	5,239	6,942	7,397	5,998	6,133	6,428	6,460
MIMAROPA	134,085	139,477	145,603	163,113	166,012	174,752	185,166	188,471	189,480	195,510
Marinduque	3,409	3,344	3,334	3,411	2,622	2,788	2,325	2,664	2,420	2,308
Occidental Mindoro	36,232	41,582	47,418	52,842	54,267	53,802	55,069	56,429	56,525	57,142
Oriental Mindoro	56,550	57,265	57,946	66,834	68,045	76,123	84,432	84,774	82,880	85,452
Palawan	32,314	32,314	32,167	34,784	35,906	36,236	37,632	39,221	42,431	45,565
Romblon	5,580	4,972	4,738	5,242	5,172	5,803	5,708	5,383	5,224	5,043
Bicol Region	183,904	196,373	192,774	206,060	216,256	203,609	217,458	222,226	214,082	229,301
Albay	38,424	33,921	34,555	37,494	39,606	42,759	43,276	43,979	42,339	40,959
Camarines Norte	13,316	12,945	12,752	13,103	13,725	13,665	14,839	16,075	15,218	14,591
Camarines Sur	104,387	115,117	109,379	117,132	124,594	108,342	115,873	116,625	110,803	131,207
Catanduanes	3,932	5,720	5,078	6,589	5,488	5,909	4,782	4,992	5,361	5,164
Masbate	4,267	5,900	7,954	7,156	8,244	8,736	13,320	15,496	15,352	12,456
Sorsogon	19,578	22,770	23,056	24,586	24,599	24,198	25,368	25,059	25,009	24,924
Western Visayas	323,802	308,409	337,176	336,549	273,564	314,768	305,588	288,187	296,174	304,733
Aklan	21,356	20,687	19,654	20,988	16,967	18,173	18,127	19,460	16,042	15,292
Antique	45,715	46,172	45,700	46,451	34,577	47,182	46,114	46,862	46,920	47,094
Capiz	28,626	31,836	32,740	33,458	29,562	28,002	27,864	25,956	29,105	31,214
Guimaras	3,350	3,687	3,912	4,032	3,392	4,271	4,707	3,077	3,665	2,938
Iloilo	142,690	123,197	151,622	147,875	107,308	133,752	125,015	110,755	117,572	123,687
Negros Occidental	82,065	82,830	83,548	83,745	81,758	83,388	83,761	82,077	82,870	84,508
Central Visayas	49,473	51,618	54,787	54,083	57,465	59,679	59,759	60,505	59,221	59,058
Bohol	26,922	28,732	31,323	31,173	35,386	36,828	37,167	37,592	37,728	37,205
Cebu	4,654	4,602	4,763	4,730	4,316	4,750	4,658	4,754	4,578	4,189
Negros Oriental	17,172	17,640	17,978	17,427	17,019	17,356	17,268	17,549	16,315	16,993
Siquijor	725	644	723	753	744	745	666	610	600	671
Eastern Visayas	105,967	122,677	131,398	130,847	129,254	134,126	133,847	129,310	129,728	126,500
Biliran	14,787	14,750	14,730	14,708	14,672	14,688	14,688	14,688	14,689	14,689
Eastern Samar	1,686	2,425	3,139	3,244	3,269	4,584	4,845	4,953	5,003	4,951
Leyte	67,004	82,579	87,409	84,697	83,385	86,835	86,196	81,231	81,720	78,915
Northern Samar	3,730	3,882	4,261	4,087	4,506	4,320	4,029	4,317	4,338	4,327
Southern Leyte	14,633	14,770	17,201	19,368	18,680	18,598	18,955	19,039	19,004	18,997
Samar (Western Samar)	4,127	4,271	4,658	4,743	4,742	5,101	5,134	5,082	4,974	4,621
Zamboanga Peninsula	84,348	86,920	89,685	93,404	89,362	93,712	91,163	94,776	94,564	94,551
Zamboanga del Norte	13,405	13,168	15,203	15,135	13,236	14,000	13,945	16,098	14,877	14,440
Zamboanga del Sur	43,741	48,185	51,824	54,758	56,019	57,722	54,957	56,325	57,474	57,322
Zamboanga Sibugay	22,927	20,865	18,028	18,723	15,842	17,335	17,238	17,572	17,451	17,615
Zamboanga City	4,275	4,702	4,630	4,788	4,265	4,655	5,023	4,781	4,762	5,174
Northern Mindanao	111,059	117,720	122,654	130,154	127,005	132,270	135,103	138,670	140,441	142,750
Bukidnon	59,821	63,167	67,501	74,625	72,662	76,876	78,891	81,995	82,557	84,729
Camiguin	549	552	598	608	600	626	636	647	648	649
Lanao del Norte	29,943	32,869	32,255	32,200	31,040	32,005	32,499	33,025	33,109	33,192
Misamis Occidental	14,893	15,044	16,146	16,521	16,680	16,815	17,137	17,203	18,356	18,566
Misamis Oriental	5,853	6,088	6,154	6,200	6,023	5,948	5,940	5,800	5,771	5,614
Davao Region	91,474	83,822	82,975	84,575	84,309	88,219	89,539	88,939	89,243	87,977
Davao del Norte	29,665	26,308	26,700	26,696	26,524	29,099	30,329	29,775	28,259	26,250
Davao del Sur	26,450	25,135	24,199	24,425	24,492	25,366	25,705	25,712	25,872	25,812
Davao Oriental	10,833	10,706	10,698	11,102	10,464	10,812	10,737	10,391	10,580	12,043
Compostela Valley	21,488	19,703	19,423	20,135	20,617	20,796	20,430	20,489	21,983	21,406
Davao City	3,038	1,970	1,955	2,217	2,212	2,146	2,338	2,572	2,549	2,466
SOCCSKSARGEN	251,932	259,508	267,169	267,034	257,958	263,305	263,387	270,123	266,223	263,726
North Cotabato	85,078	87,772	91,128	91,411	88,071	90,093	90,148	94,337	93,600	91,561
Sarangani	9,001	9,173	9,487	9,685	9,191	9,650	9,733	10,470	10,288	10,108
South Cotabato	62,905	67,151	71,727	69,750	67,360	68,933	68,473	70,864	70,868	70,663
Sultan Kudarat	94,948	95,412	94,827	96,188	93,336	94,629	95,033	94,452	91,467	91,394
Caraga	85,711	89,876	89,273	85,932	84,980	88,264	89,489	99,786	100,072	90,392
Agusan del Norte	17,523	18,150	17,738	16,413	14,781	16,934	17,736	21,068	20,976	17,783
Agusan del Sur	29,890	32,449	33,483	31,495	33,499	33,682	36,285	38,917	38,994	34,776
Dinagat Islands	..	..	..	621	2,575	2,230	1,915	2,034	2,049	1,988
Surigao del Norte	18,470	18,052	18,477	18,658	13,999	16,132	16,298	16,409	15,649	13,911
Surigao del Sur	19,828	21,225	19,575	18,745	20,126	19,286	17,255	21,358	22,404	21,934
ARMM	59,611	71,443	64,002	52,971	49,488	56,912	49,735	57,826	56,711	47,124
Basilan	565	536	820	712	1,103	900	1,082	1,657	1,346	991
Lanao del Sur	19,600	20,282	17,723	19,663	16,368	14,338	15,289	17,011	19,457	11,198
Maguindanao	39,446	50,625	45,459	32,500	31,967	41,604	33,274	39,058	35,908	34,845
Sulu	..	..	..	96	50	70	90	100	..	90
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Rainfed Palay										
Philippines	**1,332,044**	**1,355,877**	**1,427,339**	**1,476,547**	**1,345,836**	**1,464,005**	**1,526,876**	**1,509,754**	**1,486,592**	**1,423,041**
NCR										
CAR	13,245	27,318	26,805	26,103	25,792	25,736	26,032	25,567	25,175	24,961
Abra	4,149	9,895	8,920	8,920	8,910	9,078	9,108	9,111	9,106	9,060
Apayao	5,100	12,668	12,668	12,193	12,141	12,057	12,057	11,584	11,299	11,282
Benguet	780	1,010	1,010	1,006	1,006	913	1,086	1,086	1,086	1,084
Ifugao	727	1,040	842	842	842	857	857	860	860	860
Kalinga	1,375	1,605	2,226	2,121	2,039	2,039	2,019	2,021	1,943	1,939
Mountain Province	1,114	1,100	1,139	1,021	854	792	905	905	881	736
Ilocos Region	138,468	139,522	141,729	133,775	133,353	128,784	129,798	127,064	126,596	126,996
Ilocos Norte	12,315	12,164	12,126	11,587	11,851	11,800	12,135	12,076	11,736	11,448
Ilocos Sur	22,256	21,601	22,595	22,381	22,560	22,350	21,275	20,250	20,129	20,197
La Union	13,165	13,867	14,819	14,357	14,378	14,305	14,137	14,005	14,201	14,262
Pangasinan	90,732	91,890	92,189	85,450	84,564	80,329	82,251	80,733	80,530	81,089
Cagayan Valley	69,884	73,326	82,201	86,132	64,768	83,770	87,056	74,956	79,786	72,923
Batanes	..	..	..	..	..	..	98	8	88	85
Cagayan	49,813	52,539	57,249	55,527	41,655	52,681	52,472	40,351	50,561	44,949
Isabela	14,451	15,192	18,774	24,797	18,626	24,612	27,871	27,838	23,953	22,368
Nueva Vizcaya	3,155	3,550	3,680	3,680	3,577	3,940	4,520	4,542	2,833	3,492
Quirino	2,465	2,045	2,498	2,128	910	2,537	2,095	2,217	2,351	2,029
Central Luzon	83,414	84,528	85,951	84,216	82,328	72,689	75,890	79,153	77,239	76,833
Aurora	2,130	2,180	1,766	1,770	1,557	1,449	1,605	1,521	1,356	1,348
Bataan	200	798	811	798	600	725	456	558	557	550
Bulacan	19,944	20,664	21,311	21,386	20,144	11,960	14,504	14,615	14,900	14,199
Nueva Ecija	38,850	38,700	39,600	38,731	38,810	37,250	38,387	38,191	37,528	37,937
Pampanga	3,528	3,504	3,640	2,425	3,090	2,920	3,180	3,680	3,705	3,569
Tarlac	9,479	9,782	9,653	10,024	9,071	9,240	8,890	11,650	10,615	10,499
Zambales	9,283	8,900	9,170	9,082	9,056	9,145	8,868	8,938	8,578	8,731
CALABARZON	29,573	29,203	32,096	31,914	24,630	31,075	32,890	34,103	30,377	27,972
Batangas	4,345	4,410	4,920	4,824	4,417	4,979	5,428	5,479	5,135	3,410
Cavite	2,321	1,890	2,083	1,870	1,400	1,867	1,280	1,348	835	826
Laguna	540	580	524	520	519	496	620	562	249	206
Quezon	21,383	21,411	23,759	24,166	17,894	23,158	25,148	24,672	22,513	21,893
Rizal	984	912	810	534	400	575	414	2,042	1,645	1,637
MIMAROPA	104,310	108,326	108,800	108,788	96,372	95,999	95,582	94,485	91,440	88,076
Marinduque	8,251	7,211	5,802	5,395	5,112	5,880	4,267	3,845	3,374	3,560
Occidental Mindoro	23,027	25,775	32,203	29,727	28,122	28,299	28,390	28,469	28,415	28,453
Oriental Mindoro	22,495	23,197	24,118	22,201	23,545	22,969	20,622	20,691	18,746	16,062
Palawan	44,245	48,103	41,900	46,549	34,642	33,737	37,130	36,323	35,773	34,942
Romblon	6,292	4,040	4,777	4,916	4,951	5,114	5,173	5,157	5,132	5,059
Bicol Region	97,579	90,001	97,944	107,542	100,548	114,752	116,817	120,973	115,491	113,006
Albay	9,750	8,106	11,287	11,144	11,553	12,510	12,218	11,985	11,149	10,924
Camarines Norte	7,102	6,525	8,062	7,568	7,261	7,763	8,682	9,294	10,275	8,425
Camarines Sur	31,890	32,145	34,416	41,216	34,276	42,310	40,439	42,480	35,170	40,037
Catanduanes	8,217	6,344	6,522	6,404	6,752	9,243	6,142	5,347	6,137	5,499
Masbate	32,448	29,750	30,531	31,992	33,603	32,355	38,487	41,905	42,089	39,583
Sorsogon	8,172	7,131	7,126	9,218	7,103	10,571	10,849	9,962	10,671	8,538
Western Visayas	287,333	293,186	309,021	332,757	267,689	339,417	363,222	328,086	322,553	317,582
Aklan	20,620	22,395	20,797	23,667	16,306	21,072	20,768	21,549	17,987	17,166
Antique	28,789	26,700	30,799	34,182	27,930	36,831	34,801	36,575	34,022	34,987
Capiz	78,248	76,035	75,043	87,862	77,878	83,294	84,695	74,678	66,488	63,020
Guimaras	15,244	15,998	16,326	17,515	14,396	16,010	17,108	14,399	16,041	12,593
Iloilo	114,572	120,918	134,001	134,035	96,128	142,125	164,520	140,036	146,697	148,267
Negros Occidental	29,860	31,140	32,055	35,496	35,051	40,085	41,330	40,849	41,318	41,549
Central Visayas	50,011	45,889	50,367	48,844	44,410	47,145	46,038	45,686	45,067	43,369
Bohol	45,537	41,809	44,740	43,449	39,572	41,013	40,059	40,165	39,402	38,055
Cebu	420	355	470	449	428	617	622	592	547	291
Negros Oriental	3,987	3,675	5,075	4,826	4,322	5,383	5,271	4,857	5,036	4,959
Siquijor	67	50	82	120	88	132	86	72	82	64
Eastern Visayas	127,254	137,709	145,175	141,764	146,437	150,807	151,547	152,843	153,292	141,815
Biliran	758	543	433	371	208	157	126	119	102	102
Eastern Samar	13,946	14,290	14,771	15,229	16,568	15,804	16,209	16,420	16,516	16,450
Leyte	37,865	46,147	48,935	46,908	48,126	47,168	46,894	46,909	47,273	40,268
Northern Samar	35,141	34,157	35,579	33,269	33,677	35,316	35,635	36,730	36,768	36,767
Southern Leyte	3,599	3,355	3,421	3,529	3,215	3,127	3,119	2,906	2,863	2,770
Samar (Western Samar)	35,945	39,217	42,036	42,458	44,643	49,235	49,564	49,759	49,770	45,458
Zamboanga Peninsula	56,829	61,358	55,629	60,339	55,708	64,712	66,725	66,945	68,532	69,085
Zamboanga del Norte	19,357	19,085	15,147	17,520	13,512	16,123	19,341	20,782	21,485	22,400
Zamboanga del Sur	16,974	18,285	15,325	14,192	14,345	16,314	17,523	16,871	17,697	17,889
Zamboanga Sibugay	19,092	22,318	23,472	26,808	25,839	29,775	27,275	26,742	26,901	26,425
Zamboanga City	1,406	1,670	1,685	1,819	2,012	2,500	2,586	2,550	2,449	2,371
Northern Mindanao	11,433	11,529	14,622	17,116	16,319	20,140	19,609	19,668	20,973	21,005
Bukidnon	2,875	4,231	5,433	7,083	7,899	10,559	10,084	10,579	11,618	11,932
Camiguin	5	5	8	6	6	11	11	11	3	4
Lanao del Norte	7,501	6,194	7,420	8,150	6,590	7,612	7,675	7,035	7,105	6,850
Misamis Occidental	737	747	1,295	1,272	1,433	1,493	1,471	1,643	1,648	1,632
Misamis Oriental	315	352	466	605	391	465	368	400	599	587
Davao Region	17,518	13,665	12,277	11,593	11,592	12,464	14,454	14,355	14,579	11,243
Davao del Norte	1,089	1,624	1,860	2,691	2,302	2,459	2,821	3,006	3,095	2,276
Davao del Sur	1,965	982	510	450	482	530	510	665	678	648
Davao Oriental	5,435	4,238	4,337	2,943	3,184	3,248	3,973	3,804	4,023	3,106
Compostela Valley	3,606	3,446	3,560	3,516	3,673	3,968	4,797	4,658	4,415	3,472
Davao City	5,423	3,375	2,010	1,993	1,951	2,259	2,353	2,222	2,368	1,741
SOCCSKSARGEN	67,946	68,833	79,234	82,634	71,859	80,315	82,598	80,223	80,683	76,212
North Cotabato	36,964	35,085	40,742	41,248	34,416	38,267	40,962	35,868	35,852	34,045
Sarangani	4,798	4,783	4,327	5,272	4,945	5,029	4,881	4,230	4,293	4,144
South Cotabato	11,351	11,653	12,405	13,704	11,529	14,788	15,659	16,550	16,400	15,005
Sultan Kudarat	14,833	17,312	21,760	22,410	20,969	22,231	21,096	23,575	24,138	23,018
Caraga	40,347	43,568	48,986	51,241	45,887	53,588	65,552	76,773	74,098	64,738
Agusan del Norte	7,976	9,057	8,807	7,069	5,653	5,793	5,384	6,200	6,493	5,581
Agusan del Sur	17,743	20,278	24,599	25,135	24,906	32,797	42,949	51,093	48,979	40,654
Dinagat Islands	..	..	..	185	965	725	690	900	885	858
Surigao del Norte	8,330	8,195	8,384	9,064	6,428	6,922	6,303	6,550	6,444	6,731
Surigao del Sur	6,298	6,038	7,196	9,788	7,935	7,351	10,226	12,030	11,297	10,914
ARMM	136,900	127,916	136,502	151,789	158,144	142,612	153,066	168,874	160,711	147,225
Basilan	675	734	1,030	618	785	553	465	160	200	210
Lanao del Sur	34,408	36,563	43,473	38,404	44,126	43,511	47,632	49,569	39,763	45,157
Maguindanao	97,147	87,047	88,694	110,255	110,837	96,581	103,003	117,370	119,027	100,230
Sulu	3,000	2,970	2,750	1,982	1,803	1,502	1,542	1,467	1,410	1,381
Tawi-tawi	1,670	602	555	530	593	465	424	308	311	247

Table 2.6.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Corn										
Philippines	**2,570,673**	**2,648,317**	**2,661,021**	**2,683,890**	**2,499,040**	**2,544,612**	**2,593,924**	**2,563,718**	**2,611,432**	**2,561,934**
NCR										
CAR	44,838	50,087	52,698	55,212	48,991	56,051	57,290	61,639	64,832	64,411
Abra	6,758	6,460	6,026	6,552	6,552	6,552	6,441	6,448	6,447	6,397
Apayao	7,455	7,994	4,848	4,853	4,014	5,343	5,812	6,739	7,200	6,748
Benguet	55	53	39	39	39	35	35	37	38	38
Ifugao	11,972	18,537	23,000	22,992	22,992	24,034	24,658	27,329	30,114	30,139
Kalinga	12,164	10,577	11,912	14,122	11,305	14,314	14,318	14,890	14,459	14,507
Mountain Province	6,434	6,466	6,873	6,654	4,089	5,773	6,026	6,196	6,574	6,582
Ilocos Region	68,680	72,115	74,460	73,153	75,342	77,183	82,793	84,106	87,763	87,608
Ilocos Norte	12,863	13,464	13,744	13,713	12,451	11,958	12,283	12,503	12,448	12,030
Ilocos Sur	9,332	11,797	13,971	13,466	12,408	12,853	13,452	14,303	14,613	14,704
La Union	5,294	5,296	5,196	4,875	5,053	5,496	5,479	5,870	6,542	6,563
Pangasinan	41,191	41,558	41,549	41,099	45,430	46,876	51,579	51,430	54,160	54,311
Cagayan Valley	361,779	369,159	390,537	417,121	364,723	422,095	432,465	416,823	437,729	425,965
Batanes	..	..	..	..	..	..	99	83	195	123
Cagayan	63,936	77,174	82,428	94,884	85,005	105,583	109,422	100,872	111,000	111,338
Isabela	257,328	255,870	265,789	271,843	239,052	266,924	268,758	273,141	269,266	258,424
Nueva Vizcaya	14,729	13,127	14,770	15,674	12,440	14,610	15,961	15,243	16,770	16,690
Quirino	25,786	22,988	27,550	34,720	28,226	34,978	38,225	27,484	40,498	39,390
Central Luzon	41,897	43,935	48,307	45,749	42,977	38,836	40,481	44,151	43,535	47,368
Aurora	3,100	3,515	4,858	5,130	3,983	3,003	3,890	4,010	4,416	4,540
Bataan	945	1,282	1,224	1,524	1,934	1,837	1,519	2,135	1,463	1,737
Bulacan	939	729	758	863	919	938	1,002	1,088	1,167	1,211
Nueva Ecija	5,833	6,030	6,660	6,471	6,064	5,987	6,403	6,968	7,102	7,952
Pampanga	11,591	12,458	12,078	11,542	11,212	10,442	10,653	11,043	10,902	11,124
Tarlac	19,258	19,591	22,382	19,874	18,720	16,467	16,853	18,528	18,212	20,445
Zambales	231	330	347	345	145	162	161	379	273	359
CALABARZON	30,583	32,618	34,451	35,204	29,687	31,858	33,080	33,906	34,518	29,185
Batangas	9,217	8,210	8,950	9,849	9,318	8,806	8,054	9,466	9,569	6,579
Cavite	1,197	1,234	1,045	1,944	1,173	1,292	1,418	1,408	1,021	1,127
Laguna	1,211	1,640	1,743	1,432	1,126	1,156	1,242	1,219	1,007	1,200
Quezon	18,796	21,363	22,479	21,743	17,758	20,269	21,882	21,283	22,370	19,621
Rizal	162	171	234	236	312	335	484	530	551	658
MIMAROPA	38,375	38,834	38,111	31,367	22,984	26,463	24,496	28,022	29,135	31,391
Marinduque	1,211	997	302	671	155	164	151	220	144	192
Occidental Mindoro	13,779	14,187	16,085	16,985	16,449	15,631	16,619	19,848	19,556	21,051
Oriental Mindoro	782	1,071	1,304	890	186	638	306	526	1,531	1,893
Palawan	21,470	21,440	19,840	11,865	5,381	9,374	6,694	6,658	7,216	7,564
Romblon	1,133	1,139	580	956	813	656	726	770	688	691
Bicol Region	80,789	89,513	100,274	106,715	101,812	108,243	112,964	109,582	113,596	103,025
Albay	17,022	17,311	19,343	19,259	20,859	21,750	23,035	22,454	21,487	19,500
Camarines Norte	788	1,292	1,105	1,013	630	1,021	1,056	1,134	844	1,076
Camarines Sur	22,828	27,625	32,477	31,965	30,281	36,891	38,479	43,766	48,012	39,350
Catanduanes	273	466	261	272	264	289	296	355	371	453
Masbate	39,672	42,175	46,815	53,180	49,709	48,252	50,010	41,770	42,697	42,413
Sorsogon	206	644	273	1,026	69	40	88	103	185	233
Western Visayas	120,400	130,949	142,448	125,769	112,502	122,216	122,569	123,946	124,312	120,157
Aklan	730	988	468	975	637	1,061	1,043	1,241	1,105	1,172
Antique	2,745	2,737	3,106	3,479	874	1,899	1,974	1,554	1,852	1,497
Capiz	21,800	30,836	23,857	22,031	15,899	14,800	15,722	15,849	17,105	16,763
Guimaras	883	1,236	1,097	1,253	690	662	521	476	552	385
Iloilo	42,502	39,510	55,730	39,271	37,813	43,984	44,437	45,128	39,618	37,240
Negros Occidental	51,740	55,642	58,190	58,760	56,589	59,810	58,872	59,698	64,080	63,100
Central Visayas	239,745	248,902	236,248	231,473	215,980	212,438	206,270	197,941	193,089	187,296
Bohol	13,963	15,860	14,325	13,816	14,742	13,573	13,532	13,791	13,869	13,051
Cebu	127,330	130,587	122,899	124,884	121,689	115,622	113,892	110,122	106,694	103,712
Negros Oriental	91,128	92,310	90,716	84,452	71,899	75,834	72,025	67,755	66,534	64,457
Siquijor	7,324	10,145	8,308	8,321	7,650	7,409	6,821	6,273	5,992	6,076
Eastern Visayas	59,175	63,145	65,756	68,463	64,672	60,950	61,699	61,722	60,752	61,409
Biliran	664	625	594	651	582	590	596	569	569	571
Eastern Samar	131	168	201	223	247	250	250	257	267	269
Leyte	40,232	44,293	44,865	46,960	43,380	39,586	40,328	40,981	41,288	42,520
Northern Samar	7,104	6,978	8,990	8,859	8,470	8,506	8,506	8,565	8,602	8,579
Southern Leyte	5,670	5,626	5,675	5,700	5,561	5,371	5,363	4,700	4,380	3,907
Samar (Western Samar)	5,374	5,455	5,431	6,070	6,432	6,647	6,656	6,650	5,646	5,563
Zamboanga Peninsula	160,386	154,101	129,061	135,850	142,559	132,407	134,979	125,949	130,116	131,590
Zamboanga del Norte	50,838	49,975	26,997	34,485	32,509	29,706	35,883	34,031	41,530	38,864
Zamboanga del Sur	86,301	88,209	90,122	82,517	91,792	85,914	83,447	76,362	72,292	75,941
Zamboanga Sibugay	19,732	12,459	8,730	14,621	13,724	12,013	10,698	10,258	10,965	11,616
Zamboanga City	3,515	3,458	3,212	4,227	4,534	4,774	4,951	5,298	5,329	5,169
Northern Mindanao	378,273	369,839	383,695	381,373	365,955	364,059	376,800	372,565	374,646	377,040
Bukidnon	193,533	185,089	197,177	198,486	188,994	186,004	192,100	189,589	187,999	190,752
Camiguin	537	504	469	418	416	481	487	457	440	412
Lanao del Norte	104,581	104,040	106,512	105,397	103,499	104,052	106,666	106,990	107,609	107,767
Misamis Occidental	25,079	25,797	25,660	23,285	24,547	23,658	26,195	25,630	27,438	28,077
Misamis Oriental	54,543	54,409	53,877	53,787	48,499	49,864	51,352	49,899	51,160	50,032
Davao Region	204,304	196,848	188,362	174,674	153,282	149,081	146,077	159,378	169,306	154,398
Davao del Norte	22,987	20,193	17,022	18,052	17,223	15,933	15,537	15,172	16,785	14,568
Davao del Sur	64,117	57,835	55,742	57,449	47,664	45,343	47,677	57,316	59,082	54,941
Davao Oriental	67,747	67,400	63,538	50,140	44,303	43,624	40,702	46,018	45,533	39,190
Compostela Valley	38,231	39,088	39,943	38,090	34,648	33,688	31,783	28,923	35,274	33,668
Davao City	11,222	12,332	12,117	10,943	9,444	10,493	10,378	11,949	12,632	12,031
SOCCSKSARGEN	419,039	418,594	430,221	430,182	405,644	427,050	429,319	430,007	428,556	416,400
North Cotabato	125,773	127,343	133,890	131,454	119,611	131,407	129,908	130,053	130,699	125,695
Sarangani	64,136	77,488	73,554	74,263	68,827	70,966	70,883	70,291	68,442	67,129
South Cotabato	154,248	141,163	143,214	141,018	137,983	141,594	144,200	146,082	148,367	143,191
Sultan Kudarat	74,882	72,600	79,563	83,447	79,223	83,083	84,328	83,581	81,048	80,385
Caraga	44,869	57,514	50,470	39,520	39,601	31,554	33,830	38,017	41,957	42,396
Agusan del Norte	9,105	13,162	10,889	4,485	4,594	4,473	4,428	5,608	6,078	5,768
Agusan del Sur	28,829	36,940	31,833	26,988	29,438	22,743	24,419	26,053	29,674	31,055
Dinagat Islands	..	..	..	163	10	7	13	16	35	80
Surigao del Norte	725	812	823	987	993	653	497	630	798	768
Surigao del Sur	6,210	6,600	6,925	6,897	4,566	3,678	4,473	5,710	5,372	4,725
ARMM	277,541	312,164	295,922	332,065	312,329	284,128	298,812	275,964	277,590	282,295
Basilan	2,342	1,928	1,986	679	681	536	509	285	255	275
Lanao del Sur	114,853	112,884	115,937	133,442	114,353	107,527	114,507	113,536	103,293	107,111
Maguindanao	156,837	194,507	175,155	194,942	194,134	173,348	181,525	160,058	172,032	172,852
Sulu	1,450	1,469	1,506	1,520	1,389	1,299	1,129	1,133	1,236	1,256
Tawi-tawi	2,059	1,376	1,338	1,482	1,772	1,418	1,142	952	774	801

Table 2.6.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
White Corn										
Philippines	**1,471,453**	**1,469,327**	**1,367,410**	**1,402,845**	**1,338,943**	**1,283,701**	**1,311,619**	**1,278,635**	**1,290,213**	**1,265,494**
NCR										
CAR	12,348	11,395	8,759	8,856	8,350	8,538	8,437	8,413	8,368	8,125
Abra	6,688	6,390	5,806	6,332	6,332	6,342	6,241	6,250	6,249	6,199
Apayao	1,266	852	742	557	323	486	368	340	328	316
Benguet	49	47	34	34	34	32	32	34	35	35
Ifugao	2,006	1,986	1,000	750	650	583	733	733	733	733
Kalinga	1,102	1,050	890	925	725	849	760	770	770	770
Mountain Province	1,237	1,070	287	258	286	246	303	286	253	72
Ilocos Region	17,190	18,227	18,044	16,980	15,825	16,410	15,863	15,764	15,135	14,218
Ilocos Norte	4,990	5,240	5,168	5,484	4,897	4,607	4,611	4,905	4,399	3,968
Ilocos Sur	1,326	1,972	1,931	2,158	2,855	2,819	2,789	3,338	3,215	2,930
La Union	3,309	3,328	2,951	2,745	2,519	2,553	2,147	2,239	2,627	2,556
Pangasinan	7,565	7,687	7,994	6,593	5,554	6,431	6,316	5,282	4,894	4,764
Cagayan Valley	28,006	27,871	26,045	28,453	24,442	24,619	23,911	22,261	20,302	18,215
Batanes	..	..	..	..	..	..	38	29	63	45
Cagayan	11,476	11,616	11,373	12,749	10,988	12,526	13,324	13,720	12,366	11,424
Isabela	14,202	14,186	12,721	14,244	12,030	10,154	9,008	7,051	6,252	5,237
Nueva Vizcaya	1,278	1,544	1,506	1,275	1,244	1,624	1,336	1,326	1,428	1,302
Quirino	1,050	525	445	185	180	315	205	135	193	207
Central Luzon	9,276	9,582	10,243	9,496	10,673	9,910	10,309	11,534	11,149	11,465
Aurora	535	460	895	478	603	367	500	556	774	942
Bataan	348	551	491	396	561	507	383	535	420	471
Bulacan	864	689	723	818	896	917	981	1,067	1,146	1,154
Nueva Ecija	3,638	3,825	4,090	4,001	5,041	4,943	5,177	5,094	5,179	5,098
Pampanga	3,476	3,545	3,403	3,290	3,127	2,643	2,807	2,927	2,827	2,883
Tarlac	330	420	570	433	360	446	377	1,182	669	669
Zambales	85	92	71	80	85	87	84	173	134	248
CALABARZON	12,917	16,352	19,538	22,242	18,789	19,104	19,640	20,177	18,408	15,956
Batangas	7,915	7,500	7,339	7,868	7,918	7,724	6,467	7,845	7,845	5,537
Cavite	760	770	625	1,408	644	878	897	882	504	639
Laguna	775	1,075	1,136	958	1,009	999	1,076	1,018	797	686
Quezon	3,359	6,882	10,323	11,885	9,084	9,341	10,864	10,080	8,899	8,637
Rizal	108	125	115	123	134	162	336	352	363	457
MIMAROPA	6,233	7,566	6,665	7,324	6,431	7,277	6,698	7,396	7,697	7,393
Marinduque	591	670	208	559	145	164	151	220	144	143
Occidental Mindoro	1,933	2,733	2,860	3,325	3,371	3,108	3,003	3,470	3,290	3,371
Oriental Mindoro	44	303	402	141	101	100	38	77	230	305
Palawan	2,660	2,790	2,750	2,523	2,039	3,284	2,795	2,859	3,345	2,893
Romblon	1,005	1,070	445	776	775	621	711	770	688	681
Bicol Region	43,446	48,973	52,314	58,977	55,873	56,249	57,986	49,832	52,378	52,708
Albay	1,680	1,891	1,330	1,170	2,908	2,920	2,778	2,841	3,192	3,344
Camarines Norte	669	1,090	915	825	530	850	888	965	708	910
Camarines Sur	1,630	3,740	4,145	4,029	3,272	4,216	4,139	4,588	5,959	6,158
Catanduanes	161	381	181	197	199	211	191	231	241	299
Masbate	39,180	41,350	45,556	52,338	48,920	48,022	49,930	41,135	42,150	41,898
Sorsogon	126	521	187	418	44	30	60	72	128	99
Western Visayas	46,276	47,186	51,930	47,282	43,980	48,944	47,823	49,390	51,059	49,806
Aklan	119	140	102	240	170	142	297	484	383	390
Antique	535	499	573	697	276	449	474	387	435	388
Capiz	340	430	345	498	383	302	401	320	876	476
Guimaras	543	574	570	726	411	541	463	391	412	299
Iloilo	10,884	9,796	14,930	9,761	9,075	11,890	13,116	13,612	11,173	10,223
Negros Occidental	33,855	35,747	35,410	35,360	33,665	35,620	33,072	34,196	37,780	38,030
Central Visayas	230,400	240,010	229,946	228,429	215,342	211,863	205,919	196,995	192,422	186,858
Bohol	13,708	14,952	13,949	13,519	14,659	13,520	13,492	13,641	13,672	13,046
Cebu	122,277	127,442	119,201	123,445	121,291	115,307	113,722	109,662	106,505	103,503
Negros Oriental	87,179	87,610	88,590	83,211	71,767	75,652	71,906	67,498	66,254	64,236
Siquijor	7,236	10,006	8,206	8,254	7,625	7,384	6,799	6,194	5,991	6,073
Eastern Visayas	55,572	57,989	59,958	61,405	57,439	53,750	54,421	54,530	53,497	54,161
Biliran	438	451	431	471	426	429	434	407	407	409
Eastern Samar	76	90	111	124	137	134	135	141	146	146
Leyte	38,306	40,897	41,203	42,566	39,032	35,299	35,965	36,661	36,856	38,047
Northern Samar	6,040	5,815	7,440	7,307	6,705	6,723	6,723	6,773	6,797	6,805
Southern Leyte	5,359	5,306	5,342	5,361	5,226	5,043	5,030	4,431	4,121	3,653
Samar (Western Samar)	5,353	5,430	5,431	5,576	5,913	6,122	6,134	6,117	5,170	5,101
Zamboanga Peninsula	155,086	142,632	117,140	122,980	131,786	116,766	122,390	116,110	121,492	121,659
Zamboanga del Norte	50,528	48,565	26,253	31,738	31,000	28,088	35,446	33,497	40,983	38,024
Zamboanga del Sur	83,714	81,593	80,991	74,877	84,614	74,297	74,173	69,768	66,852	69,662
Zamboanga Sibugay	18,976	10,564	8,109	13,799	13,090	11,482	9,993	9,648	10,340	11,003
Zamboanga City	1,868	1,910	1,787	2,566	3,082	2,899	2,778	3,197	3,317	2,970
Northern Mindanao	221,275	203,534	199,490	192,053	188,112	177,031	193,516	192,392	201,839	201,588
Bukidnon	49,156	36,049	32,342	26,990	27,973	22,363	27,546	31,221	37,869	37,359
Camiguin	516	487	452	393	385	431	431	407	383	344
Lanao del Norte	101,741	97,320	99,112	100,147	97,559	93,235	101,905	99,080	99,397	99,021
Misamis Occidental	24,229	24,869	24,527	21,160	23,391	22,764	25,182	24,609	26,330	27,030
Misamis Oriental	45,633	44,809	43,057	43,363	38,804	38,238	38,452	37,075	37,860	37,834
Davao Region	175,551	159,206	153,433	156,453	139,643	135,161	131,489	138,340	146,983	136,782
Davao del Norte	18,599	14,907	7,116	12,977	12,947	11,398	11,672	10,532	11,843	10,400
Davao del Sur	58,748	47,960	50,617	55,707	46,834	43,090	44,567	48,392	51,453	49,603
Davao Oriental	59,197	56,459	56,878	48,054	42,721	42,922	40,224	44,733	44,632	38,413
Compostela Valley	29,444	30,448	30,040	30,217	28,961	28,375	26,001	24,214	28,669	28,044
Davao City	9,563	9,432	8,782	9,498	8,180	9,376	9,025	10,469	10,386	10,322
SOCCSKSARGEN	188,697	174,765	152,362	153,429	140,535	136,648	130,601	133,318	130,093	121,494
North Cotabato	66,004	52,448	42,429	46,542	42,169	36,177	31,017	29,862	30,936	26,804
Sarangani	39,430	50,324	45,686	47,454	43,927	44,506	45,024	44,405	42,195	42,208
South Cotabato	57,477	44,389	37,214	33,427	29,486	30,726	30,270	32,777	32,362	29,341
Sultan Kudarat	25,786	27,604	27,033	26,006	24,953	25,239	24,290	26,274	24,600	23,141
Caraga	38,370	46,774	41,185	31,001	28,902	22,007	24,174	27,632	28,482	29,562
Agusan del Norte	8,432	11,243	9,544	3,783	3,317	3,107	3,883	4,763	5,110	4,572
Agusan del Sur	23,623	29,280	25,216	20,156	20,816	14,977	16,198	17,429	18,420	20,112
Dinagat Islands	..	..	..	163	10	7	13	16	10	75
Surigao del Norte	315	351	350	652	723	483	337	374	420	428
Surigao del Sur	6,000	5,900	6,075	6,247	4,036	3,433	3,743	5,050	4,522	4,375
ARMM	230,810	257,265	220,358	257,485	252,821	239,424	258,442	234,551	230,909	235,504
Basilan	2,342	1,928	1,986	679	681	536	509	285	255	275
Lanao del Sur	92,540	89,248	95,723	119,351	100,795	87,336	97,649	94,223	85,382	88,380
Maguindanao	132,419	163,244	119,805	134,453	148,184	148,835	158,013	137,958	143,262	144,792
Sulu	1,450	1,469	1,506	1,520	1,389	1,299	1,129	1,133	1,236	1,256
Tawi-tawi	2,059	1,376	1,338	1,482	1,772	1,418	1,142	952	774	801

Table 2.6.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Yellow Corn										
Philippines	**1,099,220**	**1,178,990**	**1,293,611**	**1,281,045**	**1,160,097**	**1,260,911**	**1,282,304**	**1,285,083**	**1,321,219**	**1,296,440**
NCR										
CAR	32,490	38,692	43,939	46,356	40,641	47,513	48,853	53,226	56,464	56,286
Abra	70	70	220	220	220	210	200	198	198	198
Apayao	6,189	7,142	4,106	4,296	3,691	4,857	5,444	6,399	6,872	6,432
Benguet	6	6	5	5	5	3	3	3	3	3
Ifugao	9,966	16,551	22,000	22,242	22,342	23,451	23,925	26,596	29,381	29,406
Kalinga	11,062	9,527	11,022	13,197	10,580	13,465	13,558	14,120	13,689	13,737
Mountain Province	5,197	5,396	6,586	6,396	3,803	5,527	5,723	5,910	6,321	6,510
Ilocos Region	51,490	53,888	56,416	56,173	59,517	60,773	66,930	68,342	72,628	73,390
Ilocos Norte	7,873	8,224	8,576	8,229	7,554	7,351	7,672	7,598	8,049	8,062
Ilocos Sur	8,006	9,825	12,040	11,308	9,553	10,034	10,663	10,965	11,398	11,774
La Union	1,985	1,968	2,245	2,130	2,534	2,943	3,332	3,631	3,915	4,007
Pangasinan	33,626	33,871	33,555	34,506	39,876	40,445	45,263	46,148	49,266	49,547
Cagayan Valley	333,773	341,288	364,492	388,668	340,281	397,476	408,553	394,562	417,427	407,750
Batanes	..	..	..	..	..	..	60	54	132	78
Cagayan	52,460	65,558	71,055	82,135	74,017	93,057	96,098	87,152	98,634	99,914
Isabela	243,126	241,684	253,068	257,599	227,022	256,770	259,750	266,090	263,014	253,187
Nueva Vizcaya	13,451	11,583	13,264	14,399	11,196	12,986	14,625	13,917	15,342	15,388
Quirino	24,736	22,463	27,105	34,535	28,046	34,663	38,020	27,349	40,305	39,183
Central Luzon	32,621	34,353	38,064	36,253	32,304	28,926	30,172	32,617	32,386	35,903
Aurora	2,565	3,055	3,963	4,652	3,380	2,636	3,390	3,454	3,642	3,598
Bataan	597	731	733	1,128	1,373	1,330	1,136	1,600	1,043	1,266
Bulacan	75	40	35	45	23	21	21	21	21	57
Nueva Ecija	2,195	2,205	2,570	2,470	1,023	1,044	1,226	1,874	1,923	2,854
Pampanga	8,115	8,913	8,675	8,252	8,085	7,799	7,846	8,116	8,075	8,241
Tarlac	18,928	19,171	21,812	19,441	18,360	16,021	16,476	17,346	17,543	19,776
Zambales	146	238	276	265	60	75	77	206	139	111
CALABARZON	17,666	16,266	14,913	12,962	10,898	12,754	13,440	13,729	16,110	13,229
Batangas	1,302	710	1,611	1,981	1,400	1,082	1,587	1,621	1,724	1,042
Cavite	437	464	420	536	529	414	521	526	517	488
Laguna	436	565	607	474	117	157	166	201	210	514
Quezon	15,437	14,481	12,156	9,858	8,674	10,928	11,018	11,203	13,471	10,984
Rizal	54	46	119	113	178	173	148	178	188	201
MIMAROPA	32,142	31,268	31,446	24,043	16,553	19,186	17,798	20,626	21,438	23,998
Marinduque	620	327	94	112	10	..	..	..	..	49
Occidental Mindoro	11,846	11,454	13,225	13,660	13,078	12,523	13,616	16,378	16,266	17,680
Oriental Mindoro	738	768	902	749	85	538	268	449	1,301	1,588
Palawan	18,810	18,650	17,090	9,342	3,342	6,090	3,899	3,799	3,871	4,671
Romblon	128	69	135	180	38	35	15	..	..	10
Bicol Region	37,343	40,540	47,960	47,738	45,939	51,994	54,978	59,750	61,218	50,317
Albay	15,342	15,420	18,013	18,089	17,951	18,830	20,257	19,613	18,295	16,156
Camarines Norte	119	202	190	188	100	171	168	169	136	166
Camarines Sur	21,198	23,885	28,332	27,936	27,009	32,675	34,340	39,178	42,053	33,192
Catanduanes	112	85	80	75	65	78	105	124	130	154
Masbate	492	825	1,259	842	789	230	80	635	547	515
Sorsogon	80	123	86	608	25	10	28	31	57	134
Western Visayas	74,124	83,763	90,518	78,487	68,522	73,272	74,746	74,556	73,253	70,351
Aklan	611	848	366	735	467	919	746	757	722	782
Antique	2,210	2,238	2,533	2,782	598	1,450	1,500	1,167	1,417	1,109
Capiz	21,460	30,406	23,512	21,533	15,516	14,498	15,321	15,529	16,229	16,287
Guimaras	340	662	527	527	279	121	58	85	140	86
Iloilo	31,618	29,714	40,800	29,510	28,738	32,094	31,321	31,516	28,445	27,017
Negros Occidental	17,885	19,895	22,780	23,400	22,924	24,190	25,800	25,502	26,300	25,070
Central Visayas	9,345	8,892	6,302	3,044	638	575	351	946	667	438
Bohol	255	908	376	297	83	53	40	150	197	5
Cebu	5,053	3,145	3,698	1,439	398	315	170	460	189	209
Negros Oriental	3,949	4,700	2,126	1,241	132	182	119	257	280	221
Siquijor	88	139	102	67	25	25	22	79	1	3
Eastern Visayas	3,603	5,156	5,798	7,058	7,233	7,200	7,278	7,192	7,255	7,248
Biliran	226	174	163	180	156	161	162	162	162	162
Eastern Samar	55	78	90	99	110	116	115	116	121	123
Leyte	1,926	3,396	3,662	4,394	4,348	4,287	4,363	4,320	4,432	4,473
Northern Samar	1,064	1,163	1,550	1,552	1,765	1,783	1,783	1,792	1,805	1,774
Southern Leyte	311	320	333	339	335	328	333	269	259	254
Samar (Western Samar)	21	25	..	494	519	525	522	533	476	462
Zamboanga Peninsula	5,300	11,469	11,921	12,870	10,773	15,641	12,589	9,839	8,624	9,931
Zamboanga del Norte	310	1,410	744	2,747	1,509	1,618	437	534	547	840
Zamboanga del Sur	2,587	6,616	9,131	7,640	7,178	11,617	9,274	6,594	5,440	6,279
Zamboanga Sibugay	756	1,895	621	822	634	531	705	610	625	613
Zamboanga City	1,647	1,548	1,425	1,661	1,452	1,875	2,173	2,101	2,012	2,199
Northern Mindanao	156,998	166,305	184,205	189,320	177,843	187,028	183,284	180,173	172,807	175,452
Bukidnon	144,377	149,040	164,835	171,496	161,021	163,641	164,554	158,368	150,130	153,393
Camiguin	21	17	17	25	31	50	56	50	57	68
Lanao del Norte	2,840	6,720	7,400	5,250	5,940	10,817	4,761	7,910	8,212	8,746
Misamis Occidental	850	928	1,133	2,125	1,156	894	1,013	1,021	1,108	1,047
Misamis Oriental	8,910	9,600	10,820	10,424	9,695	11,626	12,900	12,824	13,300	12,198
Davao Region	28,753	37,642	34,929	18,221	13,639	13,920	14,588	21,038	22,323	17,616
Davao del Norte	4,388	5,286	9,906	5,075	4,276	4,535	3,865	4,640	4,942	4,168
Davao del Sur	5,369	9,875	5,125	1,742	830	2,253	3,110	8,924	7,629	5,338
Davao Oriental	8,550	10,941	6,660	2,086	1,582	702	478	1,285	901	777
Compostela Valley	8,787	8,640	9,903	7,873	5,687	5,313	5,782	4,709	6,605	5,624
Davao City	1,659	2,900	3,335	1,445	1,264	1,117	1,353	1,480	2,246	1,709
SOCCSKSARGEN	230,342	243,829	277,859	276,753	265,109	290,402	298,718	296,689	298,463	294,906
North Cotabato	59,769	74,895	91,461	84,912	77,442	95,230	98,891	100,191	99,763	98,891
Sarangani	24,706	27,164	27,868	26,809	24,900	26,460	25,859	25,886	26,247	24,921
South Cotabato	96,771	96,774	106,000	107,591	108,497	110,868	113,930	113,305	116,005	113,850
Sultan Kudarat	49,096	44,996	52,530	57,441	54,270	57,844	60,038	57,307	56,448	57,244
Caraga	6,499	10,740	9,285	8,519	10,699	9,547	9,656	10,385	13,475	12,834
Agusan del Norte	673	1,919	1,345	702	1,277	1,366	545	845	968	1,196
Agusan del Sur	5,206	7,660	6,617	6,832	8,622	7,766	8,221	8,624	11,254	10,943
Dinagat Islands	..	..	..	..	..	..	..	..	25	5
Surigao del Norte	410	461	473	335	270	170	160	256	378	340
Surigao del Sur	210	700	850	650	530	245	730	660	850	350
ARMM	46,731	54,899	75,564	74,580	59,508	44,704	40,370	41,413	46,681	46,791
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	22,313	23,636	20,214	14,091	13,558	20,191	16,858	19,313	17,911	18,731
Maguindanao	24,418	31,263	55,350	60,489	45,950	24,513	23,512	22,100	28,770	28,060
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available Totals may not add up due to rounding off Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009

Source: Philippine Statistics Authority Compostela Valley included in Davao del Norte prior to 2002

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Abaca										
Philippines	135,883	136,049	137,520	135,081	135,090	138,991	138,524	138,369	134,773	134,194
NCR										
CAR	800	600	870	870	579	579	550	499	481	430
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	800	600	870	870	579	579	550	499	481	430
Ilocos Region	1	..	..	..	..	..	..	..	..	..
Ilocos Norte	1	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	434	480	508	510	520	529	534	543	600	605
Aurora	434	480	508	510	520	529	534	543	600	605
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	109	199	294	250	251	345	352	331	331	331
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	14	32	58	58	58	58	58	58	58	58
Quezon	86	167	216	172	172	266	273	273	273	273
Rizal	9	..	21	21	21	21	21	..	..	..
MIMAROPA	1,134	1,122	1,127	1,172	1,183	1,369	1,409	1,434	1,424	1,422
Marinduque	76	70	71	71	71	71	71	71	61	50
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	662	669	673	681	692	698	698	723	723	732
Palawan	383	383	383	420	420	600	640	640	640	640
Romblon	13	..	..	..	..	..	..	..	..	..
Bicol Region	42,832	42,663	42,662	42,662	41,748	42,864	42,171	44,509	45,254	45,254
Albay	5,369	5,300	5,300	5,300	5,300	5,300	5,400	5,500	5,500	5,500
Camarines Norte	1,025	1,024	1,023	1,023	1,023	1,010	1,025	1,025	1,025	1,025
Camarines Sur	6,679	6,679	6,679	6,679	6,679	6,679	6,712	6,712	6,712	6,712
Catanduanes	22,384	22,384	22,384	22,384	22,384	22,384	22,384	24,622	25,367	25,367
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	7,375	7,276	7,276	7,276	6,362	7,491	6,650	6,650	6,650	6,650
Western Visayas	4,151	4,020	4,001	3,946	3,903	6,562	6,567	6,530	6,334	6,711
Aklan	1,705	1,546	1,546	1,546	1,546	4,208	4,208	4,208	4,016	4,336
Antique	946	974	955	958	940	920	915	895	860	870
Capiz	200	200	200	200	175	175	185	185	210	210
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	1,271	1,271	1,271	1,213	1,213	1,230	1,230	1,213	1,213	1,225
Negros Occidental	29	29	29	29	29	29	29	29	35	70
Central Visayas	3,084	3,087	3,097	3,097	3,097	3,338	3,338	3,325	3,269	3,259
Bohol	185	185	187	187	187	187	187	174	114	114
Cebu	162	162	170	170	170	190	190	190	195	195
Negros Oriental	2,737	2,740	2,740	2,740	2,740	2,961	2,961	2,961	2,960	2,950
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	44,777	45,068	44,943	42,388	40,602	39,513	37,780	36,237	31,601	30,499
Biliran	1,241	1,531	1,578	1,578	1,612	1,613	1,614	1,618	1,452	1,452
Eastern Samar	2,989	2,989	2,989	2,929	2,929	2,875	2,875	2,875	1,875	1,254
Leyte	16,570	16,570	16,400	16,120	14,900	13,860	13,020	11,970	8,670	8,200
Northern Samar	11,624	11,624	11,624	12,033	12,033	12,033	12,033	12,033	12,033	12,033
Southern Leyte	2,125	2,126	2,128	2,128	2,128	2,128	2,128	2,120	1,950	1,950
Samar (Western Samar)	10,228	10,228	10,224	7,600	7,000	7,004	6,110	5,621	5,621	5,610
Zamboanga Peninsula	1,874	1,885	1,869	1,919	1,932	1,948	1,955	1,965	1,997	1,973
Zamboanga del Norte	876	884	884	885	894	907	907	910	910	915
Zamboanga del Sur	348	316	300	300	305	308	310	315	317	318
Zamboanga Sibugay	453	488	488	538	538	538	538	420	420	390
Zamboanga City	197	197	197	196	195	195	200	320	350	350
Northern Mindanao	4,988	4,993	4,990	5,036	4,834	4,816	5,376	5,381	5,194	5,196
Bukidnon	3,075	3,080	3,090	3,090	3,090	3,100	3,100	3,105	3,108	3,110
Camiguin	253	253	254	254	50	30	30	30	30	30
Lanao del Norte	660	660	644	648	640	642	842	842	642	642
Misamis Occidental	644	644	644	644	654	644	644	644	649	649
Misamis Oriental	356	356	358	400	400	400	760	760	765	765
Davao Region	10,088	10,120	10,777	10,808	12,166	13,544	14,624	13,187	13,808	13,929
Davao del Norte	95	88	90	111	118	134	142	130	137	143
Davao del Sur	3,248	3,248	3,285	3,295	4,598	5,756	6,845	6,245	6,248	6,335
Davao Oriental	6,359	6,359	6,972	6,972	6,980	7,185	7,167	6,422	6,972	6,981
Compostela Valley	366	405	410	410	450	450	450	369	430	435
Davao City	20	20	20	20	20	19	20	21	21	35
SOCCSKSARGEN	3,949	4,018	4,555	4,589	4,582	4,615	5,899	5,924	6,002	6,018
North Cotabato	61	58	58	52	45	35	53	65	72	82
Sarangani	1,593	1,593	1,586	1,581	1,581	1,582	1,585	1,600	1,650	1,655
South Cotabato	2,287	2,356	2,900	2,945	2,945	2,989	4,255	4,255	4,276	4,276
Sultan Kudarat	8	11	11	11	11	9	6	4	4	5
Caraga	9,735	9,891	9,912	9,920	11,780	10,949	9,911	10,437	10,447	10,477
Agusan del Norte	3,115	3,250	3,250	3,250	3,250	2,500	1,625	1,620	1,630	1,630
Agusan del Sur	3,139	3,160	3,180	3,190	3,230	3,229	3,186	3,236	3,236	3,266
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	362	362	362	360	300	220	100	81	81	81
Surigao del Sur	3,119	3,119	3,120	3,120	5,000	5,000	5,000	5,500	5,500	5,500
ARMM	7,927	7,902	7,914	7,914	7,913	8,020	8,057	8,067	8,031	8,091
Basilan	241	241	241	241	241	241	241	241	200	150
Lanao del Sur	2,411	2,450	2,460	2,460	2,460	2,460	2,460	2,475	2,475	2,570
Maguindanao	200	105	105	105	104	103	100	95	90	90
Sulu	5,069	5,100	5,102	5,102	5,102	5,210	5,250	5,250	5,260	5,275
Tawi-tawi	6	6	6	6	6	6	6	6	6	6

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cacao										
Philippines	10,354	9,985	9,751	9,538	9,462	9,582	9,339	9,431	12,035	13,911
NCR										
CAR	28	26	26	26	27	29	31	40	52	52
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	12	12	12	12	12	12	15	20	30	30
Benguet	15	12	12	12	12	12	11	10	10	10
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1	2	2	2	3	5	5	10	10	10
Mountain Province	..	..	..	..	..	..	..	..	2	2
Ilocos Region	75	74	74	73	73	70	69	70	96	134
Ilocos Norte	5	6	6	6	6	6	6	7	25	30
Ilocos Sur	17	17	17	17	18	18	18	18	25	25
La Union	17	17	17	17	17	17	17	17	17	16
Pangasinan	35	34	34	33	32	29	28	28	29	63
Cagayan Valley	179	181	216	222	222	220	297	521	521	526
Batanes	..	..	..	..	..	..	1	1	1	1
Cagayan	76	85	120	125	125	125	196	383	383	388
Isabela	73	73	73	74	74	72	77	106	106	106
Nueva Vizcaya	22	15	15	15	15	15	15	23	23	23
Quirino	8	8	8	8	8	8	8	8	8	8
Central Luzon	34	34	33	33	32	36	38	41	43	143
Aurora	29	29	29	29	29	33	35	38	40	90
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	5	5	4	4	3	3	3	3	3	3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	50
CALABARZON	375	350	340	340	330	328	328	331	331	336
Batangas	10	10	10	10	10	8	8	8	8	8
Cavite	137	120	120	120	120	120	120	120	120	125
Laguna	10	10	10	10	10	10	10	13	13	13
Quezon	218	210	200	200	190	190	190	190	190	190
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	64	75	74	82	90	95	94	99	127	109
Marinduque	2	2	2	2	2	2	2	2	2	2
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	22	22	21	21	21	20	19	17	39	22
Palawan	29	40	40	48	56	62	62	69	75	75
Romblon	11	11	11	11	11	11	11	11	10	10
Bicol Region	291	284	284	284	284	283	285	287	287	272
Albay	90	85	85	85	85	85	85	85	85	85
Camarines Norte	11	11	11	11	11	10	10	10	10	10
Camarines Sur	40	40	40	40	40	40	40	42	42	42
Catanduanes	3	3	3	3	3	3	3	3	3	3
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	147	145	145	145	145	145	147	147	147	132
Western Visayas	129	124	123	115	114	113	113	126	117	116
Aklan	41	41	41	34	34	34	33	33	11	11
Antique	15	10	9	8	9	8	7	7	7	6
Capiz	21	21	21	21	21	21	21	21	19	19
Guimaras	3	3	3	3	3	3	3	5	5	5
Iloilo	24	24	24	24	22	22	25	35	50	50
Negros Occidental	25	25	25	25	25	25	25	25	25	25
Central Visayas	155	156	155	153	149	149	168	182	185	197
Bohol	63	63	63	63	63	63	63	63	63	65
Cebu	35	35	36	36	32	32	33	35	38	38
Negros Oriental	45	44	42	40	40	40	58	70	70	80
Siquijor	12	14	14	14	14	14	14	14	14	14
Eastern Visayas	400	397	395	379	362	339	334	322	254	253
Biliran	60	60	58	57	55	50	49	48	39	40
Eastern Samar	37	37	37	35	35	35	35	35	30	30
Leyte	70	68	66	65	60	57	56	55	39	37
Northern Samar	92	92	94	97	97	97	97	97	97	97
Southern Leyte	15	15	15	15	15	15	15	15	14	14
Samar (Western Samar)	126	125	125	110	100	85	82	72	35	35
Zamboanga Peninsula	630	604	527	446	425	394	359	348	340	530
Zamboanga del Norte	215	220	220	220	224	224	225	225	225	400
Zamboanga del Sur	331	300	212	126	98	67	32	21	20	20
Zamboanga Sibugay	79	79	90	95	98	98	98	98	90	101
Zamboanga City	5	5	5	5	5	5	4	4	5	9
Northern Mindanao	949	975	941	937	927	877	877	678	663	622
Bukidnon	460	460	460	460	450	400	400	200	170	158
Camiguin	34	33	32	32	32	32	32	34	34	34
Lanao del Norte	390	420	387	387	387	387	387	387	387	350
Misamis Occidental	50	50	50	50	50	50	50	50	50	58
Misamis Oriental	15	12	12	8	8	8	8	7	22	22
Davao Region	5,058	5,011	4,945	4,945	4,958	5,226	5,151	5,193	7,451	8,938
Davao del Norte	915	918	920	920	928	932	936	1,045	1,854	1,936
Davao del Sur	1,478	1,453	1,385	1,385	1,385	1,385	1,355	1,355	977	1,500
Davao Oriental	682	682	682	682	682	842	842	892	942	950
Compostela Valley	675	670	670	670	675	735	675	549	1,856	1,956
Davao City	1,308	1,288	1,288	1,288	1,288	1,332	1,343	1,352	1,822	2,596
SOCCSKSARGEN	159	143	137	133	130	134	161	177	436	525
North Cotabato	30	20	15	12	12	11	24	33	120	125
Sarangani	51	51	50	48	45	42	41	41	100	125
South Cotabato	55	51	51	55	55	65	80	85	96	105
Sultan Kudarat	23	21	21	18	18	16	16	18	120	170
Caraga	940	875	855	855	840	825	585	570	701	735
Agusan del Norte	215	210	200	200	195	190	50	35	35	35
Agusan del Sur	460	400	395	395	385	385	385	385	511	545
Dinagat Islands	..	..	..	..	..	..	..	5	5	5
Surigao del Norte	90	90	90	90	90	82	70	65	70	70
Surigao del Sur	175	175	170	170	170	168	80	80	80	80
ARMM	888	675	625	515	500	464	449	447	431	422
Basilan	35	35	35	35	35	35	35	45	35	35
Lanao del Sur	600	400	350	250	250	250	250	250	250	250
Maguindanao	48	35	35	35	30	25	20	18	17	13
Sulu	200	200	200	190	180	150	140	130	125	120
Tawi-tawi	5	5	5	5	5	4	4	4	4	4

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cashew										
Philippines	27,610	27,574	27,517	27,428	28,114	28,204	28,316	28,663	28,602	28,639
NCR										
CAR	..	..	2	2	2	2	2	2	2	2
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	2	2	2	2	2	2	2	2
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	494	490	486	486	475	472	470	460	450	451
Ilocos Norte	33	30	26	24	20	18	16	16	16	18
Ilocos Sur	13	12	12	12	12	11	11	11	11	10
La Union	3	3	3	3	3	3	3	3	3	3
Pangasinan	445	445	445	447	440	440	440	430	420	420
Cagayan Valley	44	36	35	36	30	29	29	26	26	22
Batanes	..	..	..	..	..	..	..	0	0	0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	6	6	6	6	6	5	5	5	5	5
Nueva Vizcaya	38	30	29	30	24	24	24	21	21	17
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1,612	1,612	1,575	1,572	1,560	1,522	1,471	1,422	1,362	1,394
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	638	638	638	638	638	600	550	500	450	450
Bulacan	25	25	23	20	20	20	20	21	21	21
Nueva Ecija	600	600	580	580	568	568	568	568	560	560
Pampanga	3	3	3	3	3	3	2	2	2	2
Tarlac	21	21	21	21	21	21	21	21	21	21
Zambales	325	325	310	310	310	310	310	310	308	340
CALABARZON	50	37	32	32	32	32	27	27	27	28
Batangas	3	2	2	2	2	2	..	..	..	1
Cavite	25	23	23	23	23	23	20	20	20	20
Laguna	1	1	1	1	1	1	1	1	1	1
Quezon	1	1	1	1	1	1	1	1	1	1
Rizal	20	10	5	5	5	5	5	5	5	5
MIMAROPA	24,395	24,405	24,410	24,425	25,180	25,335	25,528	25,978	26,015	26,020
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	50	55	60	65	70	75	78	78	85	85
Oriental Mindoro	..	..	..	..	..	..	..	..	..	5
Palawan	24,345	24,350	24,350	24,360	25,110	25,260	25,450	25,900	25,930	25,930
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	3	3	3	3	3	3	3	3	3	3
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	3	3	3	3	3	3	3	3	3	3
Western Visayas	419	419	428	431	431	434	434	433	415	435
Aklan	1	1	1	1	1	1	1	1	1	1
Antique	14	15	15	13	13	13	13	12	12	12
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	400	400	410	415	415	418	418	418	400	420
Iloilo	3	2	1	1	1	1	1	1	1	1
Negros Occidental	1	1	1	1	1	1	1	1	1	1
Central Visayas	21	22	20	20	20	20	20	20	20	20
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	21	22	20	20	20	20	20	20	20	20
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	40	40	39	40	40	39	33	32	30	30
Zamboanga del Norte	29	29	28	29	29	29	25	25	23	23
Zamboanga del Sur	9	9	9	9	9	8	6	5	5	5
Zamboanga Sibugay	2	2	2	2	2	2	2	2	2	2
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	157	137	137	54	54	54	54	50	49	49
Bukidnon	100	90	90	10	10	10	10	7	6	6
Camiguin	1	1	1	1	1	1	1	1	1	1
Lanao del Norte	2	2	2	2	2	2	2	2	2	2
Misamis Occidental	4	4	4	4	4	4	4	4	4	4
Misamis Oriental	50	40	40	37	37	37	37	36	36	36
Davao Region	324	322	302	282	241	220	208	173	166	155
Davao del Norte	6	6	6	6	6	6	6	6	6	6
Davao del Sur	3	3	3	3	2	2	2	2	2	2
Davao Oriental	312	310	290	270	230	210	198	163	156	145
Compostela Valley	2	2	2	2	2	1	1	1	1	1
Davao City	1	1	1	1	1	1	1	1	1	1
SOCCSKSARGEN	12	12	11	11	11	11	11	11	11	11
North Cotabato	3	3	2	2	2	2	2	2	2	2
Sarangani	3	3	3	3	3	3	3	3	3	3
South Cotabato	3	3	3	3	3	3	3	3	3	3
Sultan Kudarat	3	3	3	3	3	3	3	3	3	3
Caraga	37	37	35	33	33	29	24	24	24	18
Agusan del Norte	5	5	3	2	2	2	2	2	2	1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	28	28	28	28	28	25	20	20	20	15
Surigao del Sur	4	4	4	3	3	2	2	2	2	2
ARMM	2	2	2	2	2	2	2	2	2	2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2	2	2	2	2	2	2	2	2	2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coconut										
Philippines	3,337,378	3,359,777	3,379,741	3,401,500	3,575,944	3,561,981	3,574,614	3,551,299	3,502,011	3,517,743
NCR										
CAR	272	280	281	281	281	285	300	332	362	378
Abra	65	65	65	65	65	65	65	65	65	65
Apayao	43	50	50	50	50	55	70	100	130	130
Benguet	9	9	9	9	9	9	9	9	9	9
Ifugao	20	21	21	21	21	21	21	22	22	22
Kalinga	84	84	84	84	84	84	84	84	84	100
Mountain Province	51	51	52	52	52	51	51	52	52	52
Ilocos Region	11,296	11,406	11,458	11,540	11,740	11,911	11,986	12,182	12,434	12,431
Ilocos Norte	1,606	1,646	1,656	1,700	1,900	2,126	2,200	2,378	2,630	2,653
Ilocos Sur	1,218	1,218	1,218	1,218	1,218	1,152	1,152	1,162	1,162	1,138
La Union	1,012	1,012	1,014	1,014	1,014	1,032	1,032	1,040	1,040	1,040
Pangasinan	7,460	7,530	7,570	7,608	7,608	7,601	7,602	7,602	7,602	7,600
Cagayan Valley	13,613	13,618	13,650	13,661	13,661	13,781	14,591	15,044	15,011	15,131
Batanes	..	..	..	..	..	..	808	808	740	740
Cagayan	6,564	6,564	6,564	6,563	6,563	6,593	6,590	6,703	6,738	6,848
Isabela	5,418	5,418	5,448	5,450	5,450	5,450	5,455	5,505	5,505	5,515
Nueva Vizcaya	1,105	1,110	1,110	1,120	1,120	1,210	1,210	1,500	1,500	1,500
Quirino	526	526	528	528	528	528	528	528	528	528
Central Luzon	24,098	24,105	24,086	24,088	24,088	24,088	24,068	24,037	26,305	26,540
Aurora	22,180	22,180	22,180	22,180	22,180	22,180	22,180	22,180	24,458	24,670
Bataan	845	845	850	845	845	845	830	800	792	800
Bulacan	245	245	244	246	246	246	246	246	246	246
Nueva Ecija	129	136	143	143	143	143	143	142	142	142
Pampanga	54	54	54	54	54	54	54	54	54	54
Tarlac	275	275	275	275	275	275	275	275	275	275
Zambales	370	370	340	345	345	345	340	340	338	353
CALABARZON	342,997	343,541	343,578	343,568	438,673	438,253	438,733	440,640	451,100	448,905
Batangas	36,387	36,952	36,990	36,990	36,990	36,590	36,590	36,490	36,300	36,305
Cavite	13,620	13,620	13,620	13,620	13,620	13,600	13,600	13,607	13,607	13,607
Laguna	62,260	62,250	62,248	62,248	62,248	62,248	62,248	62,248	62,200	60,000
Quezon	230,460	230,449	230,440	230,440	325,545	325,545	326,025	328,025	338,723	338,723
Rizal	270	270	280	270	270	270	270	270	270	270
MIMAROPA	156,258	160,405	161,858	179,321	181,784	192,687	199,434	199,966	204,106	209,118
Marinduque	35,310	35,290	35,288	35,290	35,448	35,448	35,446	35,446	35,450	35,455
Occidental Mindoro	1,730	1,731	1,732	1,734	1,738	1,738	1,740	1,745	1,750	1,752
Oriental Mindoro	28,125	28,351	28,355	28,360	28,361	28,365	28,365	28,295	28,065	32,770
Palawan	33,000	37,000	38,650	56,200	58,500	69,450	76,200	76,800	81,200	81,500
Romblon	58,093	58,033	57,833	57,737	57,737	57,686	57,683	57,680	57,641	57,641
Bicol Region	432,620	442,406	447,743	447,764	452,679	452,681	453,501	452,967	453,704	454,013
Albay	41,180	40,180	40,180	40,200	40,200	40,200	41,000	41,000	41,000	41,000
Camarines Norte	85,365	85,370	85,375	85,376	85,378	85,380	85,400	85,405	85,405	85,405
Camarines Sur	119,045	119,045	119,045	119,045	119,045	119,045	119,045	119,045	119,045	119,045
Catanduanes	11,102	12,500	14,375	14,375	14,735	14,735	14,735	14,735	15,472	15,781
Masbate	78,190	87,573	91,076	91,076	95,629	95,629	95,629	95,629	95,629	95,629
Sorsogon	97,738	97,738	97,692	97,692	97,692	97,692	97,692	97,153	97,153	97,153
Western Visayas	122,573	122,573	122,785	119,663	119,922	120,774	121,153	127,245	108,832	109,438
Aklan	31,656	31,656	31,656	28,630	28,630	29,482	29,482	29,482	17,530	17,530
Antique	17,164	17,164	17,164	17,114	17,119	17,119	17,119	23,086	24,317	24,317
Capiz	15,374	15,374	15,641	15,595	15,849	15,849	16,158	16,158	10,922	11,428
Guimaras	7,125	7,125	7,125	7,125	7,125	7,125	7,175	7,300	7,300	7,400
Iloilo	16,655	16,655	16,600	16,600	16,600	16,600	16,620	16,620	14,185	14,185
Negros Occidental	34,599	34,599	34,599	34,599	34,599	34,599	34,599	34,599	34,578	34,578
Central Visayas	128,646	128,646	128,646	128,707	128,677	128,533	128,660	128,666	126,347	124,950
Bohol	35,223	35,223	35,223	35,223	35,198	35,193	35,293	35,293	35,293	35,258
Cebu	42,590	42,590	42,590	42,595	42,594	42,450	42,490	42,490	40,174	38,812
Negros Oriental	45,549	45,549	45,549	45,549	45,545	45,545	45,530	45,530	45,525	45,525
Siquijor	5,284	5,284	5,284	5,340	5,340	5,345	5,347	5,353	5,355	5,355
Eastern Visayas	371,670	372,497	378,968	383,546	434,539	417,786	419,540	419,640	322,089	322,050
Biliran	20,758	20,583	20,633	20,712	20,428	20,432	20,449	20,498	20,245	20,250
Eastern Samar	46,240	46,240	46,240	46,240	62,361	62,361	62,357	62,357	40,310	40,310
Leyte	150,110	150,112	156,530	158,340	166,257	166,257	167,973	167,974	94,744	94,700
Northern Samar	77,925	77,925	77,925	80,612	85,610	85,611	85,611	85,661	85,661	85,661
Southern Leyte	45,637	45,637	45,640	45,642	66,883	50,125	50,150	50,150	49,000	49,000
Samar (Western Samar)	31,000	32,000	32,000	32,000	33,000	33,000	33,000	33,000	32,129	32,129
Zamboanga Peninsula	363,530	363,624	368,365	369,013	372,972	375,080	377,389	380,919	417,314	420,798
Zamboanga del Norte	168,500	168,520	168,800	168,960	169,030	170,889	172,900	172,900	208,870	208,870
Zamboanga del Sur	127,277	127,271	127,300	127,300	127,295	127,287	127,280	127,277	127,272	127,273
Zamboanga Sibugay	45,453	45,513	49,943	50,393	54,086	54,344	54,344	57,772	57,772	61,182
Zamboanga City	22,300	22,320	22,322	22,360	22,560	22,560	22,865	22,970	23,400	23,473
Northern Mindanao	303,027	298,985	299,905	300,575	301,257	301,697	301,660	302,433	302,818	302,818
Bukidnon	9,470	9,470	9,470	9,500	9,500	9,500	9,500	9,500	9,500	9,500
Camiguin	14,859	14,859	14,859	14,859	14,859	14,860	14,860	14,872	14,872	14,872
Lanao del Norte	79,000	75,327	75,327	75,327	76,002	76,248	76,211	77,186	77,571	77,571
Misamis Occidental	98,000	97,631	97,631	97,631	97,638	97,831	97,831	97,631	97,631	97,631
Misamis Oriental	101,698	101,698	102,618	103,258	103,258	103,258	103,258	103,244	103,244	103,244
Davao Region	372,213	376,398	375,932	375,922	375,885	375,630	375,622	348,483	356,480	357,497
Davao del Norte	40,182	39,742	39,276	39,258	39,221	39,116	39,112	39,084	39,063	39,044
Davao del Sur	92,137	97,012	97,012	97,012	97,012	97,012	97,012	97,007	97,007	97,007
Davao Oriental	155,697	155,697	155,697	155,705	155,705	155,905	155,905	145,679	143,584	144,084
Compostela Valley	51,754	51,504	51,504	51,504	51,504	51,154	51,154	34,275	44,388	44,932
Davao City	32,443	32,443	32,443	32,443	32,443	32,443	32,439	32,438	32,438	32,430
SOCCSKSARGEN	161,311	167,985	168,969	169,254	185,021	175,764	176,752	184,961	186,111	193,933
North Cotabato	31,000	36,000	37,000	37,285	40,950	42,700	42,710	46,100	46,200	46,220
Sarangani	78,473	78,473	78,457	78,457	89,424	78,457	78,465	80,500	81,000	88,752
South Cotabato	32,123	32,123	32,123	32,123	32,123	32,283	32,283	32,283	32,283	32,283
Sultan Kudarat	19,715	21,389	21,389	21,389	22,524	22,324	23,294	26,078	26,628	26,678
Caraga	218,882	218,932	219,102	219,107	219,121	218,613	215,285	191,107	191,108	191,103
Agusan del Norte	26,650	26,700	26,700	26,700	26,700	26,700	33,486	33,486	33,486	33,486
Agusan del Sur	12,500	12,500	12,550	12,555	12,561	12,561	14,884	14,884	14,885	14,885
Dinagat Islands	..	..	..	..	..	..	..	4,600	4,593	4,593
Surigao del Norte	90,000	90,000	90,000	90,000	90,000	89,500	89,500	60,722	60,729	60,729
Surigao del Sur	89,732	89,732	89,852	89,852	89,860	89,852	77,415	77,415	77,415	77,410
ARMM	314,372	314,376	314,415	315,490	315,645	314,418	315,940	322,677	327,890	328,640
Basilan	67,763	67,763	67,763	67,763	68,003	66,763	66,763	64,763	64,700	64,700
Lanao del Sur	46,380	46,380	46,380	46,380	46,380	46,380	46,381	46,381	46,381	46,381
Maguindanao	93,270	93,271	93,275	94,350	94,355	94,415	95,896	104,526	109,752	109,752
Sulu	66,902	66,905	66,940	66,940	66,850	66,800	66,840	66,950	67,000	67,750
Tawi-tawi	40,057	40,057	40,057	40,057	40,057	40,060	40,060	40,057	40,057	40,057

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee										
Philippines	126,063	123,975	123,269	122,645	121,399	119,637	120,000	116,460	117,451	113,738
NCR										
CAR	7,780	7,581	7,270	6,980	6,866	6,720	6,716	6,695	6,681	6,631
Abra	47	47	47	47	47	47	47	47	47	47
Apayao	126	116	116	116	116	109	135	140	130	121
Benguet	295	303	303	308	322	322	321	321	341	340
Ifugao	2,532	2,532	2,532	2,526	2,520	2,513	2,513	2,511	2,511	2,511
Kalinga	3,473	3,483	3,475	3,475	3,475	3,431	3,431	3,427	3,427	3,429
Mountain Province	1,307	1,100	797	508	386	298	269	249	225	183
Ilocos Region	111	107	120	120	118	119	121	121	173	352
Ilocos Norte	8	8	7	6	5	4	4	3	38	41
Ilocos Sur	75	71	86	86	86	88	88	88	102	182
La Union	23	23	23	23	23	23	25	25	28	28
Pangasinan	5	5	5	4	4	4	5	5	5	101
Cagayan Valley	2,861	2,863	2,863	2,873	2,872	2,578	2,523	2,651	2,913	2,922
Batanes	..	..	..	..	..	..	1	1	1	1
Cagayan	229	235	235	245	245	245	258	282	282	282
Isabela	41	37	37	37	37	37	37	127	127	127
Nueva Vizcaya	2,400	2,400	2,400	2,400	2,400	2,125	2,125	2,125	2,125	2,133
Quirino	191	191	191	191	190	171	102	116	379	379
Central Luzon	1,857	1,867	1,897	1,887	1,887	1,892	1,892	1,911	1,906	1,957
Aurora	720	720	750	740	740	745	745	765	765	766
Bataan	350	350	350	350	350	350	350	340	343	343
Bulacan	528	533	533	533	533	533	533	548	548	548
Nueva Ecija	255	260	260	260	260	260	260	258	250	250
Pampanga	4	4	4	4	4	4	4	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	50
CALABARZON	15,296	14,780	14,650	14,306	14,352	13,599	13,563	13,564	13,466	13,409
Batangas	4,907	4,907	4,885	4,579	4,579	3,892	3,892	3,892	3,892	3,897
Cavite	8,289	8,205	8,205	8,210	8,335	8,335	8,335	8,331	8,310	8,250
Laguna	1,037	637	637	637	615	625	625	630	620	618
Quezon	995	969	863	820	763	687	651	651	584	584
Rizal	68	62	60	60	60	60	60	60	60	60
MIMAROPA	942	942	935	911	883	855	840	800	947	933
Marinduque	25	25	25	25	25	25	25	23	152	148
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	207	204	203	199	197	198	202	188	221	221
Palawan	708	713	707	687	661	632	613	589	574	564
Romblon	2	..	..	..	..	..	..	..	..	..
Bicol Region	859	867	867	838	838	815	814	793	793	737
Albay	335	335	335	335	335	335	335	335	335	300
Camarines Norte	45	45	45	45	45	43	42	43	43	43
Camarines Sur	200	213	213	213	213	213	213	213	213	210
Catanduanes	11	11	11	11	11	11	11	11	11	11
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	268	263	263	234	234	213	213	191	191	173
Western Visayas	10,085	10,087	10,133	10,106	9,956	9,961	9,957	9,954	9,878	9,857
Aklan	28	28	28	25	22	22	19	20	16	16
Antique	52	75	112	112	115	115	115	112	111	109
Capiz	2,049	2,025	2,025	2,020	2,020	2,015	2,013	2,013	1,913	1,933
Guimaras	86	89	98	103	103	113	113	118	115	102
Iloilo	5,903	5,903	5,903	5,879	5,729	5,729	5,729	5,724	5,756	5,730
Negros Occidental	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967
Central Visayas	1,422	1,412	1,255	1,396	1,546	1,784	1,890	1,802	1,717	1,702
Bohol	185	185	185	183	282	291	402	402	402	407
Cebu	12	8	11	12	19	253	253	183	98	78
Negros Oriental	1,221	1,216	1,056	1,198	1,243	1,239	1,235	1,217	1,217	1,217
Siquijor	4	3	3	3	2	1	1	1	1	1
Eastern Visayas	411	411	411	379	351	346	315	292	173	172
Biliran	6	6	6	6	6	6	5	5	4	5
Eastern Samar	6	6	12	12	12	12	12	12	11	11
Leyte	190	190	184	173	165	160	150	145	69	69
Northern Samar	9	9	9	9	9	9	9	9	9	9
Southern Leyte	14	14	14	14	14	14	14	14	14	14
Samar (Western Samar)	186	186	186	165	145	145	125	107	65	65
Zamboanga Peninsula	1,471	1,444	1,406	1,332	1,304	1,080	1,029	928	890	919
Zamboanga del Norte	769	784	791	796	804	620	625	625	632	632
Zamboanga del Sur	306	271	231	164	128	89	60	42	33	33
Zamboanga Sibugay	191	186	186	184	184	183	156	102	100	113
Zamboanga City	205	203	198	188	188	188	188	159	125	141
Northern Mindanao	13,216	13,218	13,137	13,083	11,629	11,633	11,838	11,842	11,852	11,709
Bukidnon	10,472	10,472	10,472	10,472	9,022	9,022	9,029	9,034	9,034	9,034
Camiguin	44	36	35	32	28	27	25	24	23	22
Lanao del Norte	1,514	1,610	1,540	1,540	1,540	1,540	1,540	1,540	1,548	1,385
Misamis Occidental	110	105	75	75	75	75	75	75	75	74
Misamis Oriental	1,076	995	1,015	964	964	969	1,169	1,169	1,172	1,194
Davao Region	27,735	26,677	26,633	26,624	25,847	25,371	25,166	21,573	21,524	17,344
Davao del Norte	1,131	1,863	1,083	1,074	1,066	1,077	1,086	1,098	1,157	1,170
Davao del Sur	4,982	4,889	4,875	4,875	4,875	4,875	4,875	4,875	4,951	4,951
Davao Oriental	1,875	1,100	1,854	1,854	1,854	1,846	1,835	1,485	1,515	1,515
Compostela Valley	11,760	11,019	11,015	11,015	11,026	10,950	10,750	7,588	7,380	4,731
Davao City	7,987	7,806	7,806	7,806	7,026	6,623	6,620	6,527	6,521	4,977
SOCCSKSARGEN	24,057	23,930	23,919	24,038	25,171	25,117	25,223	25,487	26,434	26,731
North Cotabato	3,876	3,856	3,793	3,264	3,111	3,002	3,033	3,057	3,062	3,069
Sarangani	654	658	658	658	667	675	682	900	1,130	1,220
South Cotabato	2,043	2,047	2,099	2,202	2,329	2,376	2,429	2,451	2,513	2,513
Sultan Kudarat	17,484	17,369	17,369	17,914	19,064	19,064	19,079	19,079	19,729	19,929
Caraga	4,354	4,061	4,047	4,039	4,045	4,019	4,368	4,368	4,397	4,417
Agusan del Norte	420	435	425	425	435	415	476	476	476	476
Agusan del Sur	1,550	1,500	1,498	1,496	1,493	1,491	1,480	1,480	1,508	1,528
Dinagat Islands	..	..	..	..	..	..	..	1	1	1
Surigao del Norte	18	18	18	18	17	13	12	11	12	12
Surigao del Sur	2,366	2,108	2,106	2,100	2,100	2,100	2,400	2,400	2,400	2,400
ARMM	13,605	13,728	13,725	13,734	13,735	13,749	13,746	13,679	13,707	13,946
Basilan	3,296	3,296	3,296	3,296	3,296	3,296	3,296	3,296	3,296	3,296
Lanao del Sur	2,357	2,480	2,440	2,440	2,440	2,440	2,440	2,440	2,440	2,691
Maguindanao	4,279	4,279	4,279	4,288	4,291	4,275	4,275	4,268	4,268	4,268
Sulu	3,542	3,542	3,579	3,579	3,579	3,610	3,610	3,552	3,580	3,564
Tawi-tawi	131	131	131	131	129	128	125	123	123	127

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee Arabica										
Philippines	20,804	20,008	19,977	19,862	19,622	19,369	19,369	19,190	19,300	18,768
NCR										
CAR	558	575	578	574	585	594	618	619	629	627
Abra	21	21	21	21	21	21	21	21	21	21
Apayao	30	25	25	25	25	18	50	50	40	34
Benguet	212	220	220	225	236	236	236	236	256	256
Ifugao	43	47	50	50	50	50	50	51	51	51
Kalinga	158	168	168	168	168	184	184	184	184	186
Mountain Province	94	94	94	85	85	85	77	77	77	79
Ilocos Region	26	25	24	24	23	23	24	25	56	143
Ilocos Norte	2	2	1	1	1	1	1	1	31	34
Ilocos Sur	9	8	8	8	8	8	8	8	8	8
La Union	12	12	12	12	12	12	13	13	14	14
Pangasinan	3	3	3	3	2	2	3	3	3	88
Cagayan Valley	568	570	570	573	573	526	528	534	534	536
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	160	162	162	165	165	165	170	175	175	175
Isabela	14	14	14	14	14	14	14	14	14	14
Nueva Vizcaya	384	384	384	384	384	339	339	339	339	341
Quirino	10	10	10	10	10	8	5	6	6	6
Central Luzon	258	263	263	263	263	263	263	261	253	303
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	3	3	3	3	3	3	3	3	3	3
Nueva Ecija	255	260	260	260	260	260	260	258	250	250
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	50
CALABARZON	225	158	143	138	131	117	111	106	88	35
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	107	42	42	42	40	35	35	30	20	18
Quezon	100	98	85	80	75	66	60	60	52	1
Rizal	18	18	16	16	16	16	16	16	16	16
MIMAROPA	73	72	70	61	44	36	31	32	28	24
Marinduque	5	5	5	5	5	5	5	5	5	3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	1	1	1	1	1	1	1	7	7	7
Palawan	66	66	64	55	38	30	25	20	16	14
Romblon	1	..	..	..	..	..	..	..	..	..
Bicol Region	273	272	272	266	266	264	263	262	262	235
Albay	124	124	124	124	124	124	124	124	124	100
Camarines Norte	17	17	17	17	17	16	15	16	16	16
Camarines Sur	89	89	89	89	89	89	89	89	89	88
Catanduanes	11	11	11	11	11	11	11	11	11	11
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	32	31	31	25	25	24	24	22	22	20
Western Visayas	1,801	1,813	1,827	1,821	1,792	1,792	1,792	1,791	1,789	1,772
Aklan	1	1	1	1	1	1	1	1	1	1
Antique	23	35	50	50	51	51	51	50	50	49
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	5	5	4	4	4	4	4	4	2	2
Iloilo	1,772	1,772	1,772	1,766	1,736	1,736	1,736	1,736	1,736	1,720
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	514	511	511	505	491	489	489	489	489	489
Bohol	163	163	163	162	162	162	162	162	162	162
Cebu	7	5	5	5	4	3	3	3	3	3
Negros Oriental	340	340	340	335	323	323	323	323	323	323
Siquijor	4	3	3	3	2	1	1	1	1	1
Eastern Visayas	130	130	128	121	113	111	105	102	73	30
Biliran	4	4	4	4	4	4	3	3	2	2
Eastern Samar	3	3	3	3	3	3	3	3	3	3
Leyte	80	80	78	75	72	70	67	64	42	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	4	4	4	4	4	4	4	4	4	4
Samar (Western Samar)	39	39	39	35	30	30	28	28	21	21
Zamboanga Peninsula	588	571	557	530	522	390	369	330	317	318
Zamboanga del Norte	315	315	312	312	315	198	198	198	200	200
Zamboanga del Sur	108	94	83	58	47	32	23	15	12	12
Zamboanga Sibugay	73	72	72	72	72	72	60	40	40	41
Zamboanga City	92	90	90	88	88	88	88	77	65	65
Northern Mindanao	578	607	607	605	604	607	614	618	618	467
Bukidnon	10	10	10	10	10	13	20	25	25	25
Camiguin	6	4	4	3	2	2	2	1	1	1
Lanao del Norte	516	550	550	550	550	550	550	550	550	400
Misamis Occidental	40	38	38	38	38	38	38	38	38	37
Misamis Oriental	6	5	5	4	4	4	4	4	4	4
Davao Region	4,531	4,014	4,007	4,004	3,854	3,814	3,765	3,524	3,552	3,081
Davao del Norte	332	324	320	317	315	318	320	322	338	342
Davao del Sur	1,385	1,385	1,385	1,385	1,385	1,385	1,385	1,385	1,405	1,405
Davao Oriental	200	197	196	196	196	195	195	180	182	182
Compostela Valley	819	412	410	410	410	400	350	128	120	81
Davao City	1,795	1,696	1,696	1,696	1,548	1,516	1,515	1,509	1,507	1,071
SOCCSKSARGEN	8,881	8,628	8,610	8,562	8,547	8,536	8,593	8,706	8,820	8,910
North Cotabato	390	385	380	357	324	310	300	300	300	300
Sarangani	288	290	290	290	292	295	300	425	500	590
South Cotabato	1,388	1,253	1,240	1,215	1,231	1,231	1,293	1,281	1,320	1,320
Sultan Kudarat	6,815	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700
Caraga	3	3	3	3	2	2	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3	3	3	3	2	2	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	1,797	1,797	1,807	1,812	1,812	1,805	1,804	1,790	1,793	1,798
Basilan	287	287	287	287	287	287	287	287	287	287
Lanao del Sur	40	40	40	40	40	40	40	40	40	41
Maguindanao	730	730	730	735	736	720	720	715	715	715
Sulu	680	680	690	690	690	700	700	692	695	697
Tawi-tawi	60	60	60	60	59	58	57	56	56	58

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee Excelsa										
Philippines	10,867	10,387	10,176	9,687	9,576	9,115	8,916	8,589	8,453	8,007
NCR										
CAR	198	196	191	190	190	223	221	215	205	201
Abra	5	5	5	5	5	5	5	5	5	5
Apayao	18	18	18	18	18	36	35	30	20	17
Benguet	22	22	22	22	22	22	21	21	21	20
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	145	145	143	143	143	159	159	159	159	159
Mountain Province	8	6	3	2	2	1	1	..	..	..
Ilocos Region	19	18	18	18	18	19	19	19	20	20
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	14	13	13	13	13	14	14	14	14	14
La Union	5	5	5	5	5	5	5	5	6	6
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	371	371	371	372	372	271	261	268	268	268
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1	1	1	2	2	2	3	5	5	5
Isabela	2	2	2	2	2	2	2	2	2	2
Nueva Vizcaya	338	338	338	338	338	241	241	241	241	241
Quirino	30	30	30	30	30	26	15	20	20	20
Central Luzon	63	63	63	53	53	53	53	53	53	45
Aurora	60	60	60	50	50	50	50	50	50	42
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	3	3	3	3	3	3	3	3	3	3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	3,160	2,994	2,924	2,693	2,713	2,426	2,406	2,404	2,353	2,326
Batangas	1,935	1,935	1,906	1,692	1,692	1,438	1,438	1,438	1,438	1,438
Cavite	595	535	535	535	600	600	600	598	597	570
Laguna	220	115	115	115	110	110	110	110	110	110
Quezon	400	401	360	343	303	270	250	250	200	200
Rizal	10	8	8	8	8	8	8	8	8	8
MIMAROPA	161	160	159	153	148	136	127	111	100	92
Marinduque	5	5	5	5	5	5	5	5	5	3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	55	54	54	53	53	52	52	49	42	42
Palawan	101	101	100	95	90	79	70	57	53	47
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	2	2	2	1	1	1	1	1	1	1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	2	2	2	1	1	1	1	1	1	1
Western Visayas	6	8	10	10	11	11	11	10	9	9
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	6	8	10	10	11	11	11	10	9	9
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	0	0	0	0	0	0	0	0	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	1	1	1	1	1	1	1	1	1	1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	1	1	1	1	1	1	1	1	1	1
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	123	123	121	113	101	100	90	84	39	65
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	65	65	63	60	58	57	55	54	17	43
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	2	2	2	2	2	2	2	2	2	2
Samar (Western Samar)	55	55	55	50	40	40	32	27	19	19
Zamboanga Peninsula	225	217	208	187	175	160	146	124	110	118
Zamboanga del Norte	68	68	68	68	68	60	60	60	60	60
Zamboanga del Sur	67	61	52	37	25	18	10	7	5	5
Zamboanga Sibugay	30	28	28	26	26	26	20	10	10	10
Zamboanga City	60	60	60	56	56	56	56	47	35	43
Northern Mindanao	877	879	817	767	767	767	767	767	767	749
Bukidnon	9	9	9	9	9	9	9	9	9	9
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	188	250	188	188	188	188	188	188	188	170
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	680	620	620	570	570	570	570	570	570	570
Davao Region	2,710	2,431	2,426	2,424	2,343	2,316	2,217	1,935	1,905	1,503
Davao del Norte	187	178	175	173	171	173	175	178	183	185
Davao del Sur	675	620	620	620	620	620	620	620	635	635
Davao Oriental	107	105	105	105	105	103	103	93	95	95
Compostela Valley	752	568	566	566	566	550	450	184	134	90
Davao City	989	960	960	960	881	870	869	860	858	498
SOCCSKSARGEN	1,177	1,172	1,124	969	953	913	914	938	949	954
North Cotabato	1,102	1,098	1,050	895	875	835	836	855	860	865
Sarangani	66	66	66	66	70	70	70	75	80	80
South Cotabato	5	4	4	4	4	4	4	4	5	5
Sultan Kudarat	4	4	4	4	4	4	4	4	4	4
Caraga	229	206	192	184	178	156	122	122	121	121
Agusan del Norte	160	150	140	140	135	115	90	90	90	90
Agusan del Sur	50	45	43	41	40	38	30	30	28	28
Dinagat Islands	..	..	..	..	..	..	..	1	1	1
Surigao del Norte	3	3	3	3	3	3	2	1	2	2
Surigao del Sur	16	8	6	..	..	..	..	..	..	..
ARMM	1,545	1,545	1,549	1,552	1,552	1,561	1,560	1,537	1,552	1,534
Basilan	102	102	102	102	102	102	102	102	102	102
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	117	117	117	120	121	120	120	118	118	118
Sulu	1,255	1,255	1,259	1,259	1,259	1,270	1,270	1,250	1,265	1,245
Tawi-tawi	71	71	71	71	70	69	68	67	67	69

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee Liberica										
Philippines	1,572	1,510	1,492	1,444	1,410	1,378	1,360	1,308	1,281	1,280
NCR										
CAR	16	16	16	16	16	16	16	16	16	16
Abra	16	16	16	16	16	16	16	16	16	16
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	34	36	36	39	38	30	33	35	35	36
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	10	12	12	15	15	15	18	20	20	20
Isabela	2	2	2	2	2	2	2	2	2	2
Nueva Vizcaya	21	21	21	21	21	13	13	13	13	14
Quirino	1	1	1	1	..	..	..	..	..	..
Central Luzon	2	2	2	2	2	2	2	2	2	2
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	2	2	2	2	2	2	2	2	2	2
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	301	247	236	208	205	201	198	201	195	197
Batangas	82	82	82	55	55	47	47	47	47	52
Cavite	94	80	80	85	85	85	85	83	83	80
Laguna	30	10	10	10	10	20	20	25	25	25
Quezon	95	75	64	58	55	49	46	46	40	40
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	146	145	142	133	125	115	105	88	71	69
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	70	69	69	68	67	67	70	61	51	51
Palawan	76	76	73	65	58	48	35	27	20	18
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	11	10	10	8	8	8	8	8	8	8
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	11	10	10	8	8	8	8	8	8	8
Western Visayas	295	295	295	291	271	271	271	271	270	260
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1	1	1	1	1	1	1	1	0	0
Iloilo	294	294	294	290	270	270	270	270	270	260
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	45	45	40	38	38	30	25	3	3	3
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	45	45	40	38	38	30	25	3	3	3
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	20	20	19	17	16	15	13	13	4	12
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	20	20	19	17	16	15	13	13	4	12
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	33	31	24	21	19	17	17	14	9	9
Zamboanga del Norte	1	1	1	1	1	1	2	2	5	2
Zamboanga del Sur	13	11	9	7	5	3	3	3	2	2
Zamboanga Sibugay	4	4	4	3	3	3	2	2	..	..
Zamboanga City	15	15	10	10	10	10	10	7	2	5
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	77	72	72	72	72	70	70	65	70	70
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	17	14	14	14	14	14	14	14	15	15
Davao Oriental	60	58	58	58	58	56	56	51	55	55
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	4	3	3	2	2	2	2	2	2	2
North Cotabato	4	3	3	2	2	2	2	2	2	2
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	2	2	2	2	2	1	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2	2	2	2	2	1	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	586	586	595	595	595	600	600	590	595	596
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	586	586	595	595	595	600	600	590	595	596
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee Robusta										
Philippines	92,186	91,592	91,148	91,181	90,320	89,774	90,355	87,374	88,417	85,683
NCR										
CAR	6,576	6,362	6,055	5,770	5,645	5,887	5,861	5,845	5,831	5,787
Abra	5	5	5	5	5	5	5	5	5	5
Apayao	60	55	55	55	55	55	50	60	70	70
Benguet	61	61	61	61	64	64	64	64	64	64
Ifugao	2,489	2,485	2,482	2,476	2,470	2,463	2,463	2,460	2,460	2,460
Kalinga	2,756	2,756	2,752	2,752	2,752	3,088	3,088	3,084	3,084	3,084
Mountain Province	1,205	1,000	700	421	299	212	191	172	148	104
Ilocos Region	67	64	78	78	77	77	78	78	97	188
Ilocos Norte	7	6	6	5	4	3	3	3	7	7
Ilocos Sur	52	50	65	65	65	66	66	66	80	160
La Union	6	6	6	6	6	6	7	7	8	8
Pangasinan	2	2	2	2	2	2	2	2	2	13
Cagayan Valley	1,884	1,886	1,886	1,889	1,889	1,750	1,700	1,813	2,076	2,082
Batanes	..	..	..	..	..	..	1	1	1	1
Cagayan	58	60	60	63	63	63	67	82	82	82
Isabela	19	19	19	19	19	19	19	109	109	109
Nueva Vizcaya	1,657	1,657	1,657	1,657	1,657	1,531	1,531	1,531	1,531	1,537
Quirino	150	150	150	150	150	137	82	90	353	353
Central Luzon	1,534	1,539	1,569	1,569	1,569	1,574	1,574	1,595	1,598	1,607
Aurora	660	660	690	690	690	695	695	715	715	724
Bataan	350	350	350	350	350	350	350	340	343	343
Bulacan	520	525	525	525	525	525	525	540	540	540
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	4	4	4	4	4	4	4	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	11,610	11,381	11,347	11,267	11,303	10,855	10,848	10,853	10,830	10,851
Batangas	2,890	2,890	2,897	2,832	2,832	2,407	2,407	2,407	2,407	2,407
Cavite	7,600	7,590	7,590	7,590	7,650	7,650	7,650	7,650	7,630	7,600
Laguna	680	470	470	470	455	460	460	465	465	465
Quezon	400	395	354	339	330	302	295	295	292	343
Rizal	40	36	36	36	36	36	36	36	36	36
MIMAROPA	560	563	563	562	564	568	577	569	748	748
Marinduque	13	13	13	13	13	15	15	13	142	142
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	81	80	80	77	76	78	79	71	121	121
Palawan	465	470	470	472	475	475	483	485	485	485
Romblon	1	..	..	..	..	..	..	..	..	..
Bicol Region	573	583	583	563	563	542	542	522	522	493
Albay	211	211	211	211	211	211	211	211	211	200
Camarines Norte	28	28	28	28	28	27	27	27	27	27
Camarines Sur	111	124	124	124	124	124	124	124	124	122
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	223	220	220	200	200	180	180	160	160	144
Western Visayas	7,983	7,971	8,001	7,984	7,882	7,887	7,883	7,882	7,810	7,816
Aklan	27	27	27	24	21	21	19	19	15	15
Antique	23	32	52	52	53	53	53	52	52	51
Capiz	2,049	2,025	2,025	2,020	2,020	2,015	2,013	2,013	1,913	1,933
Guimaras	80	83	93	98	98	108	108	113	113	100
Iloilo	3,837	3,837	3,837	3,823	3,723	3,723	3,723	3,718	3,750	3,750
Negros Occidental	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967
Central Visayas	712	855	703	852	1,016	1,264	1,376	1,310	1,225	1,210
Bohol	22	22	22	21	120	129	240	240	240	245
Cebu	5	3	6	7	15	250	250	180	95	75
Negros Oriental	685	830	675	824	881	885	886	890	890	890
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	97	97	102	92	85	120	107	94	56	65
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	2	2	8	8	8	9	9	9	8	8
Leyte	25	25	24	21	19	18	15	15	5	14
Northern Samar	9	9	9	9	9	9	9	9	9	9
Southern Leyte	8	8	8	8	8	8	8	8	8	8
Samar (Western Samar)	52	52	52	45	40	75	65	52	25	25
Zamboanga Peninsula	625	625	617	593	587	513	497	460	454	474
Zamboanga del Norte	385	400	410	415	420	361	365	365	370	370
Zamboanga del Sur	118	105	87	62	51	36	24	17	14	14
Zamboanga Sibugay	84	82	82	82	82	82	74	50	50	62
Zamboanga City	38	38	38	34	34	34	34	28	20	28
Northern Mindanao	11,757	11,729	11,710	11,708	10,255	10,259	10,457	10,457	10,467	10,493
Bukidnon	10,450	10,450	10,450	10,450	9,000	9,000	9,000	9,000	9,000	9,000
Camiguin	37	32	31	29	26	25	23	23	22	21
Lanao del Norte	810	810	802	802	802	802	802	802	810	815
Misamis Occidental	70	67	37	37	37	37	37	37	37	37
Misamis Oriental	390	370	390	390	390	395	595	595	598	620
Davao Region	20,417	20,160	20,128	20,124	19,578	19,171	19,114	16,049	15,997	12,690
Davao del Norte	612	598	588	584	580	586	591	598	636	643
Davao del Sur	2,905	2,870	2,856	2,856	2,856	2,856	2,856	2,856	2,896	2,896
Davao Oriental	1,508	1,503	1,495	1,495	1,495	1,492	1,481	1,161	1,183	1,183
Compostela Valley	10,189	10,039	10,039	10,039	10,050	10,000	9,950	7,276	7,126	4,560
Davao City	5,203	5,150	5,150	5,150	4,597	4,237	4,236	4,158	4,156	3,408
SOCCSKSARGEN	13,995	14,127	14,182	14,505	15,669	15,666	15,714	15,841	16,663	16,865
North Cotabato	2,380	2,370	2,360	2,010	1,910	1,855	1,895	1,900	1,900	1,902
Sarangani	300	302	302	302	305	310	312	400	550	550
South Cotabato	650	790	855	983	1,094	1,141	1,132	1,166	1,188	1,188
Sultan Kudarat	10,665	10,665	10,665	11,210	12,360	12,360	12,375	12,375	13,025	13,225
Caraga	4,120	3,850	3,850	3,850	3,863	3,860	4,246	4,246	4,276	4,296
Agusan del Norte	260	285	285	285	300	300	386	386	386	386
Agusan del Sur	1,500	1,455	1,455	1,455	1,453	1,453	1,450	1,450	1,480	1,500
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	10	10	10	10	10	7	10	10	10	10
Surigao del Sur	2,350	2,100	2,100	2,100	2,100	2,100	2,400	2,400	2,400	2,400
ARMM	9,677	9,800	9,774	9,775	9,776	9,782	9,782	9,762	9,767	10,018
Basilan	2,907	2,907	2,907	2,907	2,907	2,907	2,907	2,907	2,907	2,907
Lanao del Sur	2,317	2,440	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,650
Maguindanao	3,432	3,432	3,432	3,433	3,434	3,435	3,435	3,435	3,435	3,435
Sulu	1,021	1,021	1,035	1,035	1,035	1,040	1,040	1,020	1,025	1,026
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cotton										
Philippines	2,906	1,426	538	310	48	176	188	157	14	5
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	107	6	4	3	4	3	4	4	3	1
Ilocos Norte	72	2	2	2	2	2	2	2	1	1
Ilocos Sur	4	4	3	1	2	2	2	2	2	..
La Union	11	..	..	..	..	..	..	..	..	..
Pangasinan	20	0	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2	2	2	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	2	2	2	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	59	15	24	14	8	4	120	47	12	4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	7	6	5	5	4	4	4	4	4	4
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	52	9	..	..	4	..	116	43	8	..
Negros Occidental	..	..	19	9	..	..	..	..	..	..
Central Visayas	190	180	172	172	36	169	17	3	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	190	180	172	172	36	169	17	3	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	31	17	2	2	0	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	31	17	2	2	0	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	52	63	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	52	63	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	2,185	1,045	239	119	..	..	48	104	..	..
North Cotabato	..	35	30	20	..	..	..	..	..	..
Sarangani	1,599	450	115	75	..	..	..	..	..	..
South Cotabato	416	385	43	24	..	..	48	104	..	..
Sultan Kudarat	170	175	51	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	280	98	94	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	280	98	94	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Oil Palm										
Philippines	31,444	36,819	38,599	41,444	45,044	49,328	53,015	53,856	55,083	59,754
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	650	800	3,500	3,800	5,725	5,725	5,840	5,852	5,852
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	650	800	3,500	3,800	5,725	5,725	5,840	5,852	5,852
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	6,488	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500
Bohol	6,488	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	3	10	18	4,568
Zamboanga del Norte	..	..	..	..	..	..	3	3	3	4,553
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	7	15	15
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	426	978	1,028	1,023	1,575	2,250	4,210	4,260	4,290	4,290
Bukidnon	200	700	750	750	1,290	1,400	1,450	1,470	1,500	1,500
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	30	30	30	25	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	196	248	248	248	285	850	2,760	2,790	2,790	2,790
Davao Region	300	500	1,050	1,050	1,060	1,060	1,060	807	961	993
Davao del Norte	..	..	..	..	..	..	..	72	106	118
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	300	500	1,050	1,050	1,060	1,060	1,060	735	855	855
Davao City	..	..	..	..	..	..	..	..	..	20
SOCCSKSARGEN	9,013	11,451	11,881	12,006	14,609	15,588	16,258	17,125	17,775	17,840
North Cotabato	2,000	3,485	3,550	3,675	3,710	4,595	5,005	5,750	6,100	6,110
Sarangani	3	3	3	3	3	3	3	50	250	250
South Cotabato	458	915	1,073	1,073	1,141	1,235	1,450	1,525	1,525	1,525
Sultan Kudarat	6,552	7,048	7,255	7,255	9,755	9,755	9,800	9,800	9,900	9,955
Caraga	15,017	16,540	16,540	16,565	16,695	16,725	17,324	17,374	17,369	17,393
Agusan del Norte	56	265	265	270	300	300	321	371	371	371
Agusan del Sur	14,931	16,245	16,245	16,265	16,365	16,385	16,395	16,395	16,390	16,394
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	3	3	3	3
Surigao del Sur	30	30	30	30	30	40	605	605	605	625
ARMM	200	200	800	800	805	1,480	1,935	1,940	2,318	2,318
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	200	200	800	800	805	1,480	1,935	1,940	2,318	2,318
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Pili Nut										
Philippines	2,130	2,130	2,152	2,161	2,158	2,292	2,292	2,293	2,285	2,288
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	38	36	36	35	31	26	23	21	18	18
Batangas	3	3	3	2	2	2	2	2	2	2
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1	1	1	1	1	1	1	1	1	1
Quezon	34	32	32	32	28	23	20	18	15	15
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1	1	1	2	3	3	3	3	3	3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	1	1	1	2	3	3	3	3	3	3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	1,751	1,753	1,757	1,763	1,763	1,901	1,904	1,910	1,910	1,911
Albay	325	325	325	330	330	340	340	345	345	345
Camarines Norte	64	64	64	64	64	67	67	68	68	68
Camarines Sur	107	107	110	110	110	111	111	111	111	112
Catanduanes	9	11	11	11	11	11	11	11	11	11
Masbate	..	..	1	2	2	2	2	2	2	2
Sorsogon	1,246	1,246	1,246	1,246	1,246	1,370	1,373	1,373	1,373	1,373
Western Visayas	195	195	212	212	212	213	213	213	212	212
Aklan	1	1	1	1	1	1	1	1	1	1
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	1	1	1	1	1
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	194	194	211	211	211	211	211	211	211	211
Central Visayas	1	1	1	1	1	1	1	1	1	1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	1	1	1	1	1	1	1	1	1	1
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	132	132	133	137	137	137	138	136	131	131
Biliran	3	3	3	3	3	3	3	3	3	3
Eastern Samar	40	40	40	40	40	40	40	40	40	40
Leyte	7	7	8	10	10	10	11	11	6	6
Northern Samar	62	62	62	64	64	64	64	62	62	62
Southern Leyte	20	20	20	20	20	20	20	20	20	20
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	1	1	1	1	1	1	2	2	2	2
Bukidnon	..	..	..	..	..	..	1	1	1	1
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	1	1	1	1	1	1	1	1	1	1
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	8	8	8	8	8	8	7	7	7	9
Davao del Norte	3	3	3	3	3	3	3	3	3	3
Davao del Sur	1	1	1	1	1	1	1	1	1	1
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	3	3	3	3	3	3	2	2	2	2
Davao City	1	1	1	1	1	1	1	1	1	3
SOCCSKSARGEN	3	3	3	3	3	2	2	1	1	1
North Cotabato	3	3	3	3	3	2	2	1	1	1
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Rubber										
Philippines	94,347	110,972	123,260	128,337	138,710	161,565	176,244	185,476	217,687	222,602
NCR										
CAR	..	..	..	..	..	..	27	27	27	27
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	12	12	12	12
Kalinga	..	..	..	..	..	..	15	15	15	15
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	152	122	203
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	150	120	145
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	2	2	58
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	227	227	227	227	227	221	221	435	435	435
Batangas	5	5	5	5	5	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	212	212	212	212	212	211	211	211	211	211
Quezon	10	10	10	10	10	10	10	224	224	224
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	45	50	50	400	616	616	742	766	1,766	1,778
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	12
Oriental Mindoro	..	..	..	..	16	16	17	36	66	66
Palawan	45	50	50	400	600	600	725	730	1,700	1,700
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	4	4	4
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	4	4	4
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	14	14	14	495	1,005	1,005	1,015	1,018	1,018	978
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	14	14	14	495	1,005	1,005	1,015	1,018	1,018	978
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	41,548	42,133	54,250	57,127	65,084	79,138	80,375	86,033	86,452	89,837
Zamboanga del Norte	7,420	7,435	7,740	8,456	8,459	8,643	8,650	8,860	9,037	12,537
Zamboanga del Sur	5,950	5,810	5,865	5,880	5,910	5,915	5,935	6,200	6,200	6,070
Zamboanga Sibugay	27,740	28,450	40,150	42,230	50,150	64,000	65,180	70,180	70,205	70,220
Zamboanga City	438	438	495	561	565	580	610	793	1,010	1,010
Northern Mindanao	4,425	4,535	4,567	4,567	4,567	6,847	6,851	6,929	8,876	8,776
Bukidnon	4,265	4,365	4,365	4,365	4,365	6,639	6,639	6,639	7,500	7,400
Camiguin	..	..	1	1	1	1	1	1	6	6
Lanao del Norte	..	..	..	..	..	..	..	68	112	112
Misamis Occidental	10	20	11	11	11	11	11	11	679	679
Misamis Oriental	150	150	190	190	190	196	200	210	579	579
Davao Region	6,220	6,196	6,267	6,411	6,409	6,622	6,693	3,533	8,518	8,872
Davao del Norte	650	588	562	556	549	560	575	581	615	628
Davao del Sur	1,132	1,132	1,132	1,132	1,132	1,250	1,300	1,300	1,301	1,301
Davao Oriental	..	3	50	50	55	100	100	155	1,404	1,404
Compostela Valley	4,138	4,173	4,223	4,373	4,373	4,400	4,400	1,173	4,873	5,068
Davao City	300	300	300	300	300	312	318	324	325	471
SOCCSKSARGEN	28,129	31,078	31,195	31,235	31,927	35,681	36,713	40,916	60,516	60,966
North Cotabato	27,150	30,100	30,175	30,215	30,355	32,700	33,388	37,000	55,600	55,600
Sarangani	454	454	455	455	455	425	445	585	800	800
South Cotabato	15	14	30	30	105	315	620	1,071	1,071	1,071
Sultan Kudarat	510	510	535	535	1,012	2,241	2,260	2,260	3,045	3,495
Caraga	5,434	5,546	5,546	5,941	6,840	6,860	11,528	11,548	11,837	12,450
Agusan del Norte	34	30	30	30	700	700	755	765	765	765
Agusan del Sur	5,385	5,500	5,500	5,860	6,050	6,070	9,980	9,990	10,279	10,890
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	1	1	1	..	..	120	120	120	120
Surigao del Sur	15	15	15	50	90	90	673	673	673	675
ARMM	8,305	21,193	21,144	21,934	22,034	24,575	32,079	34,115	38,115	38,275
Basilan	7,705	20,748	20,749	20,749	20,849	23,000	30,000	32,000	36,000	36,160
Lanao del Sur	200	150	100	75	75	75	79	100	100	100
Maguindanao	400	295	295	1,110	1,110	1,500	2,000	2,015	2,015	2,015
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Sugarcane										
Philippines	392,280	382,956	397,991	404,034	354,878	439,698	433,304	437,070	432,026	421,312
NCR										
CAR	149	151	153	171	171	170	170	339	1,217	1,213
Abra	..	..	..	18	18	18	18	18	18	18
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	5	5
Ifugao	..	..	..	..	..	..	..	10	15	11
Kalinga	130	130	130	130	130	130	130	289	1,156	1,156
Mountain Province	19	21	23	23	23	22	22	22	23	23
Ilocos Region	438	437	432	455	454	444	448	451	441	446
Ilocos Norte	182	183	183	185	189	189	189	191	191	194
Ilocos Sur	35	44	47	51	52	53	55	56	55	56
La Union	22	23	24	25	26	27	28	28	30	32
Pangasinan	199	188	178	194	187	175	177	176	165	165
Cagayan Valley	7,042	7,489	7,496	6,361	5,796	5,480	6,399	12,205	16,212	16,159
Batanes	..	..	..	..	..	..	2	2	2	1
Cagayan	5,935	6,212	6,227	5,295	4,743	4,355	4,677	5,428	5,168	5,570
Isabela	1,084	1,254	1,254	1,051	1,038	1,109	1,706	6,758	11,025	10,573
Nueva Vizcaya	5	3	3	3	3	4	2	2	2	1
Quirino	18	20	12	12	12	12	12	15	15	15
Central Luzon	16,970	16,361	19,352	17,597	17,816	18,826	20,233	18,976	17,664	15,372
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	128	128	128	128	128	68	58	53	43	41
Bulacan	7	5	3	3	1	1	1	1	1	1
Nueva Ecija	55	60	50	45	45	45	40	42	100	100
Pampanga	7,918	7,320	8,294	7,174	5,950	5,350	6,990	5,755	4,500	4,570
Tarlac	8,846	8,831	10,860	10,230	11,674	13,344	13,120	13,100	12,995	10,635
Zambales	16	17	17	17	18	18	25	25	25	25
CALABARZON	31,035	30,941	33,716	33,911	29,136	33,495	31,553	29,607	26,102	29,885
Batangas	30,593	30,501	33,256	33,264	28,491	32,833	30,390	28,433	24,920	28,272
Cavite	322	320	323	514	514	524	1,025	1,036	1,036	1,384
Laguna	120	120	137	133	131	138	138	138	146	144
Quezon	..	..	..	..	..	..	..	..	..	85
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	6,640	6,640	6,880	6,042	5,523	6,181	6,060	5,533	5,530	5,030
Albay	1,040	1,040	1,040	1,042	1,042	1,042	1,060	1,060	1,030	1,030
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	5,600	5,600	5,840	5,000	4,481	5,139	5,000	4,473	4,500	4,000
Catanduanes	0	0	0	0	0	0	0	0	0	0
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	0	0	0	0	0	0	0	0	0	0
Western Visayas	196,408	192,352	192,580	194,398	170,262	214,657	214,338	221,230	215,532	217,758
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	935	945	935	933	917	917	908	916	926	918
Capiz	10,378	10,160	10,408	10,275	7,732	10,355	9,355	7,539	8,430	7,603
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	17,217	16,189	16,200	16,027	12,927	20,417	21,024	18,396	19,387	19,024
Negros Occidental	167,878	165,058	165,037	167,163	148,685	182,968	183,051	194,379	186,788	190,213
Central Visayas	41,067	41,283	46,283	46,817	41,884	44,074	42,749	44,988	48,278	44,083
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	5,551	4,467	8,363	9,467	5,879	9,504	6,622	5,808	9,127	5,046
Negros Oriental	35,516	36,816	37,920	37,350	36,005	34,570	36,127	39,180	39,150	39,037
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	9,539	8,408	8,437	8,532	8,412	8,412	8,557	6,512	8,542	7,458
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	1	1	1	1	1	1	1	1	0	0
Leyte	9,533	8,404	8,433	8,528	8,408	8,408	8,552	6,507	8,538	7,454
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	6	4	4	4	4	4	4	4	4	4
Samar (Western Samar)	0	0	0	0	0	0	0	0	0	0
Zamboanga Peninsula	137	125	119	115	98	97	91	90	87	33
Zamboanga del Norte	92	90	92	92	78	78	76	76	73	20
Zamboanga del Sur	20	10	5	3	2	2	2	2	2	3
Zamboanga Sibugay	11	11	11	9	8	8	4	4	4	3
Zamboanga City	14	14	11	11	10	10	9	8	8	8
Northern Mindanao	59,384	53,230	57,170	64,028	55,297	82,700	76,373	70,871	72,008	65,321
Bukidnon	59,359	53,227	57,170	64,028	55,297	82,700	76,373	70,863	72,000	65,315
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	25	3	..	..	..	..	..	8	8	6
Davao Region	12,477	13,616	10,097	11,197	7,332	11,317	9,598	9,607	7,999	4,425
Davao del Norte	12	15	15	14	16	14	12	10	6	5
Davao del Sur	12,457	13,594	10,076	11,177	7,310	11,299	9,582	9,594	7,992	4,419
Davao Oriental	0	0	0	0	0	0	0	0	0	0
Compostela Valley	8	7	6	6	6	4	4	2	2	1
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	10,450	10,755	14,325	13,508	11,726	12,942	15,238	15,128	11,115	12,317
North Cotabato	7,958	7,961	10,686	9,974	7,755	8,512	10,086	9,941	6,665	7,971
Sarangani	1,310	1,326	2,039	2,018	1,857	1,808	2,130	1,678	1,498	1,457
South Cotabato	957	915	972	861	861	807	922	1,044	765	780
Sultan Kudarat	226	554	629	656	1,253	1,816	2,101	2,465	2,186	2,109
Caraga	3	3	3	3	3	3	3	3	2	2
Agusan del Norte	1	1	1	1	1	1	1	1	0	0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	2	2	2	2	2	2	2	2	2	2
ARMM	539	1,164	949	899	968	901	1,494	1,531	1,297	1,808
Basilan	2	2	2	2	2	2	2	2	0	..
Lanao del Sur	527	650	800	800	850	745	1,395	1,442	1,256	1,611
Maguindanao	9	510	145	95	114	152	95	85	39	195
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	1	2	2	2	2	2	2	2	2	2

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tobacco										
Philippines	26,323	23,863	22,182	26,104	29,707	32,235	34,025	34,451	36,082	33,096
NCR										
CAR	2,047	2,048	2,021	2,018	2,018	2,013	2,052	2,051	2,051	2,051
Abra	2,010	2,010	2,010	2,010	2,010	2,005	2,046	2,046	2,046	2,046
Apayao	3	4	4	2	2	2	2	2	2	2
Benguet	28	28	1	..	..	..	..	..	..	..
Ifugao	1	1	1	1	1	1	1	1	1	1
Kalinga	5	5	5	5	5	5	3	2	2	2
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	18,756	15,619	14,596	17,064	20,021	21,509	22,278	23,055	23,747	23,221
Ilocos Norte	2,426	2,258	2,037	2,315	2,644	2,987	3,233	3,313	3,755	3,089
Ilocos Sur	8,302	8,603	7,468	9,604	12,171	13,375	13,758	14,498	14,751	14,836
La Union	3,594	2,913	2,853	2,855	2,841	2,752	2,911	3,035	3,082	3,139
Pangasinan	4,434	1,845	2,238	2,290	2,365	2,396	2,376	2,209	2,159	2,157
Cagayan Valley	2,689	4,874	4,389	5,758	6,595	7,716	8,403	7,371	7,980	5,541
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	538	1,894	1,675	1,675	1,690	2,210	2,159	1,557	1,500	1,290
Isabela	2,080	2,900	2,663	4,038	4,873	5,498	6,235	5,805	6,465	4,236
Nueva Vizcaya	22	23	23	15	10	8	9	9	15	15
Quirino	49	57	28	30	22	..	..	..	..	..
Central Luzon	200	200	35	100	100	100	100	100	90	45
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	200	200	35	100	100	100	100	100	90	45
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1,123	168	254	268	265	308	301	700	1,121	690
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	1,114	160	250	265	262	305	299	698	1,119	688
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	9	8	4	3	3	3	2	2	2	2
Bicol Region	15	16	12	7	4	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	15	16	12	7	4	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	166	178	172	185	184	182	181	107	169	171
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	13	23	15	13	11	12	10	10	11	11
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1	..	..	..	..	..	..	..	..	..
Iloilo	125	128	130	145	148	145	146	72	133	135
Negros Occidental	27	27	27	27	25	25	25	25	25	25
Central Visayas	135	131	56	35	26	25	20	19	19	13
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	110	110	40	18	10	10	8	5	3	2
Negros Oriental	24	21	16	17	16	15	12	14	16	11
Siquijor	1	1	..	..	..	..	..	..	..	..
Eastern Visayas	53	52	50	48	29	26	24	22	17	15
Biliran	1	2	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	48	47	46	44	25	22	20	19	14	12
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	3	2	2	2	2	2	2	2	2	2
Samar (Western Samar)	1	1	1	1	1	1	1	1	0	0
Zamboanga Peninsula	39	41	34	33	30	28	23	30	31	29
Zamboanga del Norte	4	5	3	3	3	2	2	2	2	3
Zamboanga del Sur	29	29	25	19	18	17	15	15	16	16
Zamboanga Sibugay	5	6	5	10	8	8	5	12	12	9
Zamboanga City	1	1	1	1	1	1	1	1	1	1
Northern Mindanao	940	400	450	480	350	250	576	943	810	1,280
Bukidnon	..	..	..	..	..	..	..	..	..	10
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	940	400	450	480	350	250	576	943	810	1,270
Davao Region	17	17	17	16	17	15	14	12	12	12
Davao del Norte	4	4	4	4	5	4	4	4	4	4
Davao del Sur	6	6	5	5	5	4	4	3	3	3
Davao Oriental	4	4	5	4	4	4	3	3	3	3
Compostela Valley	2	2	2	2	2	2	2	1	1	1
Davao City	1	1	1	1	1	1	1	1	1	1
SOCCSKSARGEN	50	50	40	40	40	38	34	28	22	21
North Cotabato	25	26	21	22	22	22	20	15	12	11
Sarangani	13	13	13	14	14	12	10	9	6	6
South Cotabato	1	2	2	2	2	2	2	2	2	2
Sultan Kudarat	11	9	4	2	2	2	2	2	2	2
Caraga	19	20	10	7	6	6	5	3	3	1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	5	6	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2	4	2	1	..	..	..	..	..	..
Surigao del Sur	12	10	8	6	6	6	5	3	3	1
ARMM	75	50	46	44	22	20	15	10	9	6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	75	50	46	44	22	20	15	10	9	6
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tobacco Native										
Philippines	5,429	5,980	6,969	6,684	7,143	7,965	7,723	7,074	6,127	4,891
NCR										
CAR	8	9	9	7	7	7	41	18	18	18
Abra	..	..	..	..	..	..	36	14	14	14
Apayao	3	4	4	2	2	2	2	2	2	2
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	5	5	5	5	5	5	3	2	2	2
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	2,411	2,020	3,320	2,600	2,507	2,490	2,507	2,193	2,263	2,303
Ilocos Norte	198	197	197	195	195	102	72	55	15	12
Ilocos Sur	459	531	1,709	942	809	787	850	727	831	858
La Union	787	747	743	773	789	886	930	965	975	992
Pangasinan	968	545	671	690	715	715	655	447	442	441
Cagayan Valley	1,496	2,991	2,750	3,180	3,918	4,877	4,284	3,692	2,882	1,681
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	486	1,491	1,330	1,192	1,098	1,579	1,544	1,036	982	815
Isabela	1,008	1,500	1,420	1,988	2,820	3,298	2,740	2,656	1,900	866
Nueva Vizcaya	2	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	9	8	4	3	3	3	2	2	2	2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	9	8	4	3	3	3	2	2	2	2
Bicol Region	15	16	12	7	4	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	15	16	12	7	4	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	166	178	172	185	184	182	181	107	169	171
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	13	23	15	13	11	12	10	10	11	11
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1	..	..	..	..	..	..	..	..	..
Iloilo	125	128	130	145	148	145	146	72	133	135
Negros Occidental	27	27	27	27	25	25	25	25	25	25
Central Visayas	131	129	55	34	25	24	19	18	18	12
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	110	110	40	18	10	10	8	5	3	2
Negros Oriental	20	18	15	16	15	14	11	13	15	10
Siquijor	1	1	..	..	..	..	..	..	..	..
Eastern Visayas	53	52	50	48	29	26	24	22	17	15
Biliran	1	2	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	48	47	46	44	25	22	20	19	14	12
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	3	2	2	2	2	2	2	2	2	2
Samar (Western Samar)	1	1	1	1	1	1	1	1	0	0
Zamboanga Peninsula	39	41	34	33	30	28	23	30	31	29
Zamboanga del Norte	4	5	3	3	3	2	2	2	2	3
Zamboanga del Sur	29	29	25	19	18	17	15	15	16	16
Zamboanga Sibugay	5	6	5	10	8	8	5	12	12	9
Zamboanga City	1	1	1	1	1	1	1	1	1	1
Northern Mindanao	940	400	450	480	350	250	575	938	680	620
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	940	400	450	480	350	250	575	938	680	620
Davao Region	17	17	17	16	17	15	14	12	12	12
Davao del Norte	4	4	5	4	5	4	4	4	4	4
Davao del Sur	6	6	5	5	5	4	4	3	3	3
Davao Oriental	4	4	4	4	4	4	3	3	3	3
Compostela Valley	2	2	2	2	2	2	2	1	1	1
Davao City	1	1	1	1	1	1	1	1	1	1
SOCCSKSARGEN	50	50	40	40	40	38	34	28	22	21
North Cotabato	25	26	21	22	22	22	20	15	12	11
Sarangani	13	13	13	14	14	12	10	9	6	6
South Cotabato	1	2	2	2	2	2	2	2	2	2
Sultan Kudarat	11	9	4	2	2	2	2	2	2	2
Caraga	19	20	10	7	6	6	5	3	3	1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	5	6	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2	4	2	1	..	..	..	..	..	..
Surigao del Sur	12	10	8	6	6	6	5	3	3	1
ARMM	75	50	46	44	22	20	15	10	9	6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	75	50	46	44	22	20	15	10	9	6
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tobacco Virginia										
Philippines	14,508	14,206	11,457	14,502	17,392	18,731	19,508	20,539	21,133	21,107
NCR										
CAR	2,038	2,038	2,011	2,010	2,010	2,005	2,010	2,010	2,010	2,010
Abra	2,010	2,010	2,010	2,010	2,010	2,005	2,010	2,010	2,010	2,010
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	28	28	1	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	12,467	12,166	9,445	12,491	15,381	16,725	17,481	18,509	18,980	18,436
Ilocos Norte	2,200	2,034	1,784	2,000	2,250	2,612	2,865	2,963	3,319	2,711
Ilocos Sur	7,843	8,072	5,651	8,534	11,217	12,402	12,905	13,771	13,871	13,930
La Union	2,424	2,060	2,010	1,957	1,914	1,710	1,711	1,775	1,790	1,795
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	15	13	12	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	15	13	12	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	3	2	1	1	1	1	1	2	1	1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	3	2	1	1	1	1	1	2	1	1
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	1	5	130	660
Bukidnon	..	..	..	..	..	..	..	..	..	10
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	1	5	130	650
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Chrysanthemum										
Philippines	225	222	228	245	248	258	259	258	254	256
NCR										
CAR	48	53	57	61	61	62	62	62	60	60
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	48	53	57	61	61	62	62	62	60	60
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	0
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	2	2	1	1	1	1	1	1	1	0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	2	2	1	1	1	1	1	1	1	0
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	1	1	1	1	1	1	1	1	1	1
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	1	1	1	1	1	1	1	1	1	1
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	5	4	5	9	8	8	7	7	7	7
Batangas	1	1	1	1	1	1	0	0	0	0
Cavite	..	..	..	4	3	3	3	3	3	3
Laguna	..	..	1	1	1	1	1	1	1	1
Quezon	4	3	3	3	3	3	3	3	3	3
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	7	6	7	7	7	7	7	6	6	5
Albay	6	5	6	6	6	6	6	5	5	5
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	1	1	1	1	1	1	1	1	1	1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	6	6	6	6	6	7	7	8	7	8
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	5	5	5	5	5	6	6	7	6	6
Guimaras	..	..	..	..	..	..	..	..	0	0
Iloilo	..	..	..	..	..	..	..	..	..	1
Negros Occidental	1	1	1	1	1	1	1	1	1	1
Central Visayas	54	49	48	50	47	53	58	59	59	61
Bohol	1	1	1	0	0	0	0	0	0	0
Cebu	50	45	44	47	44	50	55	56	56	58
Negros Oriental	3	3	3	3	3	3	3	3	3	3
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	9	9	9	10	10	10	9	9	8	8
Biliran	2	2	2	2	2	2	2	2	2	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	2	2	2	3	3	3	3	3	2	2
Northern Samar	1	1	1	1	1	1	1	1	1	1
Southern Leyte	2	2	2	2	2	2	2	2	2	2
Samar (Western Samar)	2	2	2	2	2	2	1	1	1	1
Zamboanga Peninsula	7	7	7	7	8	8	8	7	8	7
Zamboanga del Norte	1	1	1	1	1	1	1	1	1	1
Zamboanga del Sur	2	2	2	2	2	2	2	2	2	2
Zamboanga Sibugay	..	..	..	..	0	0	0	0	0	0
Zamboanga City	4	4	4	4	4	4	4	4	4	4
Northern Mindanao	20	23	24	26	28	28	29	29	30	28
Bukidnon	3	3	3	3	3	3	4	4	4	4
Camiguin	..	..	..	0	0	0	0	0	0	0
Lanao del Norte	12	13	13	13	14	14	14	14	14	14
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	5	7	8	10	11	11	11	12	12	10
Davao Region	45	40	39	39	38	38	35	33	29	29
Davao del Norte	5	5	5	5	4	4	4	4	4	4
Davao del Sur	3	3	2	2	2	2	2	2	2	2
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	25	20	20	20	20	20	18	16	12	12
Davao City	12	12	12	12	12	12	11	11	11	11
SOCCSKSARGEN	19	18	19	24	30	33	34	33	37	38
North Cotabato	8	7	6	6	6	6	6	6	6	7
Sarangani	1	1	1	1	1	1	1	1	1	1
South Cotabato	8	8	10	15	21	25	25	25	29	29
Sultan Kudarat	2	2	2	2	2	1	2	1	1	1
Caraga	1	2	2	2	2	2	2	2	2	3
Agusan del Norte	1	1	1	1	1	1	1	1	1	1
Agusan del Sur	..	1	1	1	1	1	1	1	1	1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	1
ARMM	2	2	2	1	1	1	0	0	0	0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2	2	2	1	1	1	0	0	0	0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gladiola										
Philippines	188	163	157	157	155	153	148	112	103	99
NCR										
CAR	110	99	91	87	84	80	75	37	30	25
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	110	99	91	87	84	80	75	37	30	25
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0	0	0	0	0	0	..	..	..	..
Ilocos Norte	0	0	0	0	0	0	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	8	8	8	8	8	8	8	8	8	8
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	2	2	2	2	2	2	2	2	2	2
Nueva Vizcaya	5	5	5	5	5	5	5	5	5	5
Quirino	1	1	1	1	1	1	1	1	1	1
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	28	16	16	16	16	15	15	15	15	15
Batangas	1	1	1	1	1	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	27	15	15	15	15	15	15	15	15	15
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	7	6	7	7	7	7	7	6	6	6
Albay	2	1	2	2	2	2	2	1	1	1
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	5	5	5	5	5	5	5	5	5	5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	2	2	2	2	3	3	3	3	3	3
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	2	2	2	2	3	3	3	3	3	3
Guimaras	..	..	..	..	..	..	..	..	0	0
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	5	5	5	7	8	10	11	13	13	16
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	4	4	4	6	7	9	10	12	12	15
Negros Oriental	1	1	1	1	1	1	1	1	1	1
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	3	3	3	4	4	5	5	5	4	3
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	2	2	2	2	2	2	2	2	1	1
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	0	0	0	0	0
Samar (Western Samar)	..	..	0	1	1	1	1	1	1	1
Zamboanga Peninsula	1	1	1	1	1	1	1	1	1	1
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	1	1	1	1	1	1	1	1	1	1
Northern Mindanao	10	10	11	12	12	12	12	13	13	12
Bukidnon	3	3	3	3	3	3	4	4	4	4
Camiguin	..	..	..	0	0	0	0	0	0	0
Lanao del Norte	7	7	7	7	7	7	7	7	7	6
Misamis Occidental	..	..	1	1	1	1	1	1	1	1
Misamis Oriental	..	..	..	1	1	1	1	1	1	1
Davao Region	11	11	11	11	11	11	10	10	10	10
Davao del Norte	3	3	3	3	3	3	3	3	3	3
Davao del Sur	1	1	1	1	1	1	1	1	1	1
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	7	7	7	7	7	7	6	6	6	6
SOCCSKSARGEN	2	1	1	1	1	1	1	1	0	0
North Cotabato	2	1	1	1	1	1	1	1	0	0
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	1	1	1	1	1	1	1	1	1	1
Agusan del Norte	1	1	1	1	1	1	1	1	1	1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	1	..	..	..	..	..	..	..	..	..
Basilan	1	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Orchids										
Philippines	268	278	303	319	326	313	307	305	300	299
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	6	7	7	8	8	8	8	5	5	4
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	3	4	3	4	3	3	3	3	3	2
Pangasinan	3	3	4	4	4	4	5	2	2	2
Cagayan Valley	11	11	12	12	12	12	12	12	12	11
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1	1	1	1	1	1	1	1	1	1
Isabela	8	8	9	9	9	9	9	9	9	9
Nueva Vizcaya	2	2	2	2	2	2	2	2	2	1
Quirino	1	1	1	1	1	1	1	1	1	1
Central Luzon	36	36	46	52	54	52	48	47	43	42
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	15	15	15	15	15	13	9	8	4	3
Bulacan	20	20	30	36	38	38	38	38	38	39
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	1	1	1	1	1	1	1	1	1	1
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	13	12	15	15	15	14	13	12	12	12
Batangas	4	4	4	4	4	3	2	1	1	1
Cavite	3	3	3	3	3	3	3	3	3	3
Laguna	2	2	4	4	4	4	4	4	4	4
Quezon	4	3	3	3	3	3	3	3	3	3
Rizal	0	0	1	1	1	1	1	1	1	1
MIMAROPA	4	4	5	5	6	6	6	6	6	6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	4	4	5	5	6	6	6	6	6	6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	9	9	8	10	10	10	10	10	10	10
Albay	4	4	4	6	6	6	6	6	6	6
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	3	3	3	3	3	3	3	3	3	3
Catanduanes	2	2	..	..	..	..	..	..	..	..
Masbate	..	..	1	1	1	1	1	1	1	1
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	41	41	42	44	43	44	45	45	43	43
Aklan	4	4	5	5	5	5	5	5	5	5
Antique	2	3	2	3	3	3	2	2	2	3
Capiz	20	20	20	20	20	21	22	22	21	21
Guimaras	3	4	4	4	3	3	3	3	3	3
Iloilo	7	7	7	9	9	9	9	9	9	9
Negros Occidental	4	4	4	4	4	4	4	4	4	4
Central Visayas	16	16	16	17	15	16	16	17	18	19
Bohol	2	2	2	1	1	1	1	1	1	1
Cebu	5	5	5	7	5	6	7	8	9	9
Negros Oriental	5	5	5	5	5	5	5	5	5	5
Siquijor	4	4	4	4	4	4	4	4	4	4
Eastern Visayas	18	20	21	23	25	25	25	24	23	22
Biliran	4	4	4	4	6	6	6	6	6	6
Eastern Samar	2	2	3	3	3	3	3	3	3	3
Leyte	3	4	4	6	6	6	6	6	5	5
Northern Samar	2	2	2	2	2	2	2	2	2	2
Southern Leyte	1	2	2	2	2	2	2	2	2	2
Samar (Western Samar)	6	6	6	6	6	6	6	5	5	5
Zamboanga Peninsula	26	27	31	30	31	32	32	32	32	32
Zamboanga del Norte	6	6	6	8	8	8	8	8	8	8
Zamboanga del Sur	13	14	18	16	17	17	17	18	18	18
Zamboanga Sibugay	4	4	4	4	4	4	4	4	4	3
Zamboanga City	3	3	3	3	3	3	3	3	3	3
Northern Mindanao	27	29	27	30	32	34	33	33	34	33
Bukidnon	2	2	2	2	2	2	2	2	2	2
Camiguin	4	4	2	3	5	4	4	4	3	3
Lanao del Norte	14	15	15	15	15	15	15	15	15	15
Misamis Occidental	5	5	5	5	5	6	6	6	6	6
Misamis Oriental	3	3	3	5	5	7	7	7	7	7
Davao Region	32	35	44	44	46	33	31	33	33	33
Davao del Norte	6	8	7	7	7	7	7	7	7	7
Davao del Sur	1	2	2	2	4	5	5	5	5	5
Davao Oriental	5	5	5	5	5	3	3	3	3	3
Compostela Valley	5	5	4	4	4	4	4	4	4	4
Davao City	15	15	26	26	26	15	13	14	14	14
SOCCSKSARGEN	18	18	18	18	19	19	20	20	21	22
North Cotabato	7	7	7	7	7	7	7	7	8	8
Sarangani	3	3	3	3	3	3	3	3	3	3
South Cotabato	4	4	4	4	5	5	6	6	7	7
Sultan Kudarat	4	4	4	4	4	4	4	4	4	4
Caraga	8	9	9	9	9	9	9	9	9	9
Agusan del Norte	2	2	2	2	2	2	2	2	2	2
Agusan del Sur	..	1	1	1	1	1	1	1	1	1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	4	4	4	4	4	4	4	4	4	4
Surigao del Sur	2	2	2	2	2	2	2	2	2	2
ARMM	4	4	4	4	4	1	1	1	1	1
Basilan	2	2	2	2	2	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2	2	2	2	2	1	1	1	1	1
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Roses										
Philippines	250	249	259	266	270	269	273	277	278	265
NCR										
CAR	49	48	48	48	49	49	49	49	49	48
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	49	48	48	48	49	49	49	49	49	48
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1	2	1	1	1	1	1	1	1	1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1	2	1	1	1	1	1	1	1	1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	3	3	3	4	4	4	4	4	5	4
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	0	0	0	0	0	0	0	0	0	0
Isabela	1	1	1	1	1	1	1	1	2	2
Nueva Vizcaya	1	1	1	2	2	2	2	2	2	1
Quirino	1	1	1	1	1	1	1	1	1	1
Central Luzon	10	10	11	12	13	13	13	13	13	13
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	6	6	7	8	9	9	9	9	9	9
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	4	4	4	4	4	4	4	4	4	4
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	15	14	15	15	15	14	14	14	14	5
Batangas	1	1	1	1	1	1	1	1	1	1
Cavite	1	1	1	1	1	1	1	1	1	1
Laguna	1	1	2	2	2	2	2	2	2	2
Quezon	12	11	11	11	11	10	10	10	10	1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	5	6	6	6	6	6	7	7	7	7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	1	1	1	1	1	1	1	1	1	2
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	4	5	5	5	5	5	5	5	5	5
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	8	7	7	7	8	8	7	7	7	7
Albay	3	2	1	1	1	1	1	1	1	1
Camarines Norte	3	3	3	3	3	3	3	3	3	3
Camarines Sur	2	2	2	2	2	2	2	2	2	2
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	2	2	2	2	2	2	2	2
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	17	16	17	17	21	17	17	18	15	15
Aklan	3	2	3	3	3	3	3	3	3	3
Antique	0	1	0	1	1	1	1	1	0	0
Capiz	7	7	8	9	9	9	9	10	9	9
Guimaras	0	0	1	1	4	0	0	1	0	0
Iloilo	5	5	4	3	3	3	3	3	2	2
Negros Occidental	1	1	1	1	1	1	1	1	1	1
Central Visayas	34	34	33	34	30	31	32	34	34	36
Bohol	1	1	1	1	1	1	1	1	1	1
Cebu	30	30	29	30	26	27	28	30	30	32
Negros Oriental	1	1	1	2	1	1	1	1	1	1
Siquijor	2	2	2	2	2	2	2	2	2	2
Eastern Visayas	13	12	14	15	15	15	16	15	15	15
Biliran	2	2	2	2	2	2	2	2	2	2
Eastern Samar	1	1	2	2	2	2	2	2	2	2
Leyte	2	2	2	3	3	3	3	3	2	2
Northern Samar	2	2	2	2	2	2	2	2	2	2
Southern Leyte	1	1	2	2	2	2	2	2	2	2
Samar (Western Samar)	5	4	4	4	4	4	5	5	4	4
Zamboanga Peninsula	22	22	22	21	23	23	24	24	24	23
Zamboanga del Norte	3	3	3	3	4	4	4	4	4	3
Zamboanga del Sur	13	13	12	12	13	13	13	14	14	14
Zamboanga Sibugay	1	1	1	1	1	1	1	1	2	2
Zamboanga City	5	5	6	5	5	5	6	5	5	5
Northern Mindanao	33	36	40	42	44	46	48	50	53	51
Bukidnon	14	14	15	16	16	17	18	20	22	20
Camiguin	..	..	0	1	1	1	1	1	1	1
Lanao del Norte	14	15	15	15	15	15	15	15	15	15
Misamis Occidental	..	..	..	..	..	..	0	0	0	0
Misamis Oriental	5	7	10	10	12	13	14	15	15	15
Davao Region	21	21	22	22	22	22	22	21	21	21
Davao del Norte	7	7	8	8	8	8	8	8	7	7
Davao del Sur	3	3	3	3	3	3	3	3	3	3
Davao Oriental	..	..	0	0	0	0	0	0	0	0
Compostela Valley	3	3	3	3	3	3	3	2	2	2
Davao City	8	8	8	8	8	8	8	8	9	9
SOCCSKSARGEN	7	8	8	10	10	10	9	9	9	10
North Cotabato	2	2	2	2	2	2	2	2	2	2
Sarangani	2	2	2	2	2	2	2	2	2	2
South Cotabato	2	3	3	5	5	5	5	5	6	6
Sultan Kudarat	1	1	1	1	1	1	1	1	1	1
Caraga	10	10	10	9	9	10	9	9	9	9
Agusan del Norte	0	1	1	1	1	1	1	1	1	1
Agusan del Sur	2	1	1	1	1	1	1	1	1	1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2	2	2	2	2	2	2	2	2	2
Surigao del Sur	6	6	6	6	6	6	6	6	6	6
ARMM	2	2	1	1	1	1	1	0	0	0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2	2	1	1	1	1	1	0	0	0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Banana										
Philippines	428,804	436,762	438,593	446,371	449,443	450,125	454,262	446,017	442,751	443,370
NCR										
CAR	4,121	5,056	4,956	4,864	4,842	4,864	4,932	5,149	4,796	4,864
Abra	863	863	863	864	864	864	864	866	863	863
Apayao	1,248	2,227	2,227	2,225	2,216	2,318	2,379	2,569	2,290	2,345
Benguet	303	300	300	298	298	290	282	282	282	284
Ifugao	908	883	874	852	852	813	813	813	722	722
Kalinga	315	308	295	295	271	271	296	302	318	329
Mountain Province	484	475	397	330	341	308	298	317	321	321
Ilocos Region	7,874	7,889	7,863	7,818	7,615	7,538	7,590	7,615	7,614	7,589
Ilocos Norte	1,827	1,824	1,813	1,798	1,782	1,713	1,706	1,690	1,686	1,684
Ilocos Sur	1,480	1,482	1,482	1,492	1,492	1,487	1,485	1,492	1,492	1,488
La Union	1,184	1,195	1,194	1,201	1,104	1,105	1,126	1,159	1,165	1,148
Pangasinan	3,383	3,388	3,374	3,328	3,237	3,234	3,274	3,274	3,271	3,269
Cagayan Valley	23,325	23,736	23,576	23,634	23,651	23,656	24,130	25,504	25,806	25,807
Batanes	..	..	..	..	..	..	83	83	83	77
Cagayan	4,812	4,804	4,805	4,796	4,795	4,795	4,795	4,815	4,863	4,902
Isabela	9,501	9,915	9,754	9,801	9,801	9,811	10,202	11,557	11,810	11,747
Nueva Vizcaya	1,877	1,882	1,882	1,897	1,897	1,892	1,892	1,892	1,892	1,923
Quirino	7,135	7,135	7,135	7,140	7,158	7,158	7,158	7,158	7,158	7,158
Central Luzon	6,279	6,290	6,305	6,291	6,295	6,273	6,256	6,228	6,215	6,145
Aurora	2,015	2,030	2,049	2,041	2,055	2,055	2,067	2,073	2,126	2,118
Bataan	250	250	267	267	258	245	226	217	215	212
Bulacan	1,370	1,387	1,373	1,367	1,371	1,371	1,372	1,362	1,319	1,280
Nueva Ecija	627	646	654	654	654	654	654	654	654	654
Pampanga	492	492	492	492	492	493	493	493	493	493
Tarlac	870	870	870	870	870	870	870	870	860	850
Zambales	655	615	600	600	595	585	574	559	548	538
CALABARZON	30,375	28,577	28,621	29,364	29,663	29,706	29,925	29,879	28,670	27,375
Batangas	6,350	6,340	6,317	7,045	7,452	7,525	6,710	6,680	5,902	5,739
Cavite	3,959	3,870	3,870	3,870	3,875	3,875	3,897	3,870	3,870	3,738
Laguna	7,025	7,025	7,022	7,057	7,074	7,074	7,074	7,074	6,642	6,372
Quezon	10,959	9,300	9,370	9,350	9,220	9,190	10,202	10,213	10,213	9,781
Rizal	2,082	2,042	2,042	2,042	2,042	2,042	2,042	2,042	2,042	1,745
MIMAROPA	26,311	26,562	26,753	26,522	26,638	26,754	26,925	22,245	22,637	22,698
Marinduque	548	452	452	458	462	470	470	463	462	462
Occidental Mindoro	630	643	648	656	669	681	720	754	770	807
Oriental Mindoro	18,205	18,371	18,515	18,318	18,352	18,407	18,374	13,570	13,947	13,995
Palawan	5,150	5,314	5,356	5,388	5,453	5,485	5,650	5,743	5,756	5,785
Romblon	1,778	1,782	1,782	1,702	1,702	1,711	1,711	1,715	1,702	1,649
Bicol Region	18,730	18,751	18,754	18,694	18,809	18,777	18,816	18,824	18,522	18,288
Albay	967	967	967	967	967	932	932	932	778	599
Camarines Norte	4,497	4,503	4,506	4,437	4,454	4,463	4,500	4,507	4,507	4,507
Camarines Sur	9,335	9,335	9,335	9,335	9,335	9,335	9,335	9,335	9,335	9,322
Catanduanes	460	407	407	407	407	407	407	407	407	407
Masbate	979	1,047	1,047	1,056	1,149	1,150	1,150	1,150	1,150	1,108
Sorsogon	2,492	2,492	2,492	2,492	2,497	2,490	2,492	2,493	2,345	2,345
Western Visayas	34,735	34,759	34,221	34,310	34,427	34,698	34,900	34,964	32,575	32,731
Aklan	6,740	6,698	6,164	6,058	6,060	6,062	6,055	6,031	4,418	4,430
Antique	1,571	1,606	1,616	1,626	1,635	1,643	1,643	1,720	1,727	1,796
Capiz	2,406	2,411	2,417	2,419	2,430	2,431	2,435	2,435	1,758	1,786
Guimaras	541	546	551	544	544	564	564	570	582	586
Iloilo	13,974	13,995	13,970	14,160	14,255	14,495	14,700	14,705	14,703	14,746
Negros Occidental	9,503	9,503	9,503	9,503	9,503	9,503	9,503	9,503	9,387	9,387
Central Visayas	21,066	21,086	21,097	21,500	21,541	21,536	21,571	21,616	20,954	20,955
Bohol	2,770	2,772	2,792	3,020	3,035	3,035	3,035	3,093	2,367	2,367
Cebu	9,177	9,177	9,162	9,170	9,171	9,163	9,228	9,220	9,281	9,279
Negros Oriental	7,858	7,876	7,877	8,037	8,062	8,063	8,028	8,021	8,021	8,024
Siquijor	1,261	1,261	1,266	1,273	1,273	1,275	1,280	1,282	1,285	1,285
Eastern Visayas	30,399	30,424	30,649	30,694	30,566	30,380	30,542	30,543	27,556	27,521
Biliran	1,448	1,430	1,433	1,441	1,428	1,430	1,430	1,431	1,235	1,234
Eastern Samar	1,423	1,438	1,438	1,440	1,440	1,431	1,434	1,434	1,407	1,407
Leyte	6,021	6,021	6,210	6,247	6,247	6,249	6,328	6,328	4,895	4,890
Northern Samar	5,338	5,362	5,383	5,383	5,390	5,390	5,390	5,390	5,396	5,379
Southern Leyte	4,902	4,903	4,915	4,910	4,945	4,965	4,965	4,965	4,723	4,723
Samar (Western Samar)	11,267	11,270	11,270	11,272	11,116	10,916	10,995	10,995	9,901	9,888
Zamboanga Peninsula	19,618	19,568	19,620	19,614	19,709	19,864	20,219	20,142	19,898	19,290
Zamboanga del Norte	7,653	7,678	7,705	7,781	7,878	8,075	8,436	8,437	8,430	8,416
Zamboanga del Sur	6,265	6,197	6,241	6,180	6,193	6,257	6,197	6,221	6,205	6,208
Zamboanga Sibugay	2,351	2,348	2,339	2,302	2,287	2,167	2,159	2,054	1,829	1,730
Zamboanga City	3,349	3,345	3,335	3,351	3,351	3,365	3,427	3,430	3,434	2,936
Northern Mindanao	49,228	49,750	49,903	50,527	51,519	51,452	51,433	51,857	52,112	52,192
Bukidnon	18,884	19,384	19,439	19,947	20,502	20,392	20,379	20,791	20,789	20,884
Camiguin	1,304	1,279	1,282	1,262	1,260	1,260	1,257	1,246	1,245	1,245
Lanao del Norte	8,760	8,756	8,768	8,759	8,759	8,678	8,663	8,659	8,659	8,652
Misamis Occidental	4,273	4,283	4,347	4,500	4,540	4,582	4,584	4,584	4,717	4,737
Misamis Oriental	16,007	16,048	16,067	16,059	16,458	16,540	16,550	16,577	16,702	16,674
Davao Region	73,297	78,647	80,221	86,302	87,313	88,379	88,320	83,628	86,482	88,275
Davao del Norte	29,756	32,751	33,623	34,970	35,359	35,933	35,603	35,320	36,153	36,368
Davao del Sur	12,678	14,261	14,469	14,926	15,072	15,192	15,374	15,373	15,384	15,413
Davao Oriental	6,108	6,099	6,067	8,972	9,070	9,414	9,590	8,694	10,431	10,529
Compostela Valley	19,461	20,047	20,573	21,943	22,323	22,323	22,178	18,691	18,962	19,131
Davao City	5,294	5,489	5,489	5,491	5,489	5,517	5,575	5,550	5,552	6,834
SOCCSKSARGEN	26,779	28,794	29,101	28,876	29,243	29,284	29,952	32,075	32,078	32,800
North Cotabato	15,087	15,420	15,568	15,253	15,263	15,283	15,368	16,675	16,663	16,212
Sarangani	2,172	2,836	2,945	2,965	3,276	3,542	3,670	3,713	3,882	3,808
South Cotabato	6,830	7,758	7,783	7,856	7,966	7,870	8,680	9,265	9,172	9,080
Sultan Kudarat	2,690	2,780	2,804	2,802	2,738	2,588	2,235	2,422	2,361	3,700
Caraga	25,793	25,961	25,967	25,791	26,060	24,728	26,263	23,020	23,106	23,109
Agusan del Norte	8,999	9,024	9,002	9,007	9,008	8,771	8,635	5,418	5,415	5,323
Agusan del Sur	11,521	11,629	11,638	11,448	11,462	11,068	11,025	10,242	10,759	10,870
Dinagat Islands	..	..	..	..	..	..	..	77	76	76
Surigao del Norte	1,100	1,100	1,095	1,095	1,090	934	952	2,195	1,363	1,360
Surigao del Sur	4,173	4,208	4,232	4,241	4,500	3,955	5,651	5,087	5,493	5,481
ARMM	30,874	30,913	30,988	31,570	31,552	32,237	32,488	32,728	33,732	33,731
Basilan	7,094	7,094	7,094	7,094	7,094	7,094	7,104	7,119	7,104	7,104
Lanao del Sur	4,812	4,915	4,915	4,915	4,915	4,915	5,205	5,208	5,322	5,208
Maguindanao	15,744	15,680	15,681	16,263	16,286	16,993	16,942	17,162	18,077	18,192
Sulu	2,500	2,500	2,572	2,572	2,532	2,508	2,511	2,516	2,504	2,504
Tawi-tawi	724	724	726	726	725	727	726	723	725	723

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Banana Cavendish										
Philippines	67,803	74,013	75,151	77,599	79,642	80,230	82,414	82,903	84,133	85,809
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	5	5	6	6	10	11	11	11	22
Batanes	..	..	..	..	..	..	1	1	1	1
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	5	5	6	6	10	10	10	10	21
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	2	2	..	25	44	44	44	44	44	32
Batangas	2	2	..	..	2	2	..	..	..	..
Cavite	..	..	..	..	..	..	2	2	2	2
Laguna	..	..	..	25	42	42	42	42	42	30
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	139	142	145	146	148	159	160	151	151	154
Aklan	2	2	2	2	2	3	2	2	2	5
Antique	2	4	5	6	6	7	7	8	9	9
Capiz	..	..	..	..	..	..	..	..	1	1
Guimaras	..	1	1	1	1	1	1	1	1	1
Iloilo	135	135	137	137	139	148	150	140	138	138
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	13	14	27	86	94	97	112	112	170	158
Bohol	..	..	12	70	70	70	70	70	68	68
Cebu	5	5	4	4	3	5	20	20	79	64
Negros Oriental	8	9	11	12	21	22	22	22	22	25
Siquijor	..	..	..	..	..	..	..	..	1	1
Eastern Visayas	..	..	15	34	34	34	36	36	28	27
Biliran	..	..	..	2	2	2	2	2	2	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	15	32	32	32	34	34	26	25
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	31	31	30	30	30	29	98	72	68	20
Zamboanga del Norte	..	..	..	..	..	..	80	56	52	5
Zamboanga del Sur	25	25	26	26	26	25	15	13	13	13
Zamboanga Sibugay	6	6	4	4	4	4	3	3	3	2
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	15,046	15,546	15,545	16,059	16,707	16,635	16,628	17,074	17,168	17,268
Bukidnon	15,000	15,500	15,500	16,000	16,600	16,490	16,481	16,900	16,900	17,000
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	42	42	42	42	40	32	34	34	34	34
Misamis Oriental	4	4	3	17	67	113	113	140	234	234
Davao Region	40,585	44,691	45,655	47,435	48,153	48,741	48,535	46,681	47,092	48,050
Davao del Norte	23,940	26,452	27,132	28,359	28,664	29,136	28,772	28,564	28,846	28,972
Davao del Sur	2,150	3,400	3,450	3,500	3,500	3,565	3,625	3,625	3,627	3,642
Davao Oriental	..	..	4	3	58	59	110	58	58	156
Compostela Valley	12,103	12,253	12,483	12,983	13,333	13,333	13,333	11,759	11,884	11,934
Davao City	2,392	2,586	2,586	2,590	2,598	2,648	2,695	2,675	2,677	3,346
SOCCSKSARGEN	7,280	8,860	8,995	8,833	9,219	9,283	10,140	11,668	11,784	12,516
North Cotabato	3,730	4,000	4,037	3,770	3,770	3,800	3,840	4,550	4,500	4,000
Sarangani	700	1,328	1,443	1,452	1,755	1,782	1,795	1,798	1,890	1,792
South Cotabato	2,840	3,525	3,510	3,608	3,692	3,699	4,483	5,110	5,174	5,150
Sultan Kudarat	10	7	5	3	2	2	22	210	220	1,574
Caraga	544	557	569	580	842	804	2,105	2,146	2,546	2,545
Agusan del Norte	460	475	470	475	470	390	300	230	230	232
Agusan del Sur	11	9	8	5	4	2	1	1	1	1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	70	70	70	70	68	50	40	15	15	12
Surigao del Sur	3	3	21	30	300	362	1,764	1,900	2,300	2,300
ARMM	4,163	4,165	4,165	4,365	4,365	4,395	4,545	4,908	5,072	5,018
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	3	5	5	5	5	5	155	408	522	408
Maguindanao	4,160	4,160	4,160	4,360	4,360	4,390	4,390	4,500	4,550	4,610
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Banana Lakatan										
Philippines	52,377	53,155	53,591	56,252	56,579	57,032	58,071	55,908	56,395	56,473
NCR										
CAR	698	987	975	968	959	965	1,004	1,142	954	981
Abra	55	55	55	54	54	54	54	55	55	55
Apayao	450	750	750	750	750	760	800	946	760	790
Benguet	61	58	58	55	54	53	51	51	51	48
Ifugao	41	36	32	30	30	27	27	24	22	22
Kalinga	78	78	75	75	69	69	70	65	65	65
Mountain Province	13	10	5	4	2	2	2	1	1	1
Ilocos Region	299	291	288	290	280	282	283	283	279	260
Ilocos Norte	20	21	25	35	35	35	37	37	37	37
Ilocos Sur	20	20	19	19	21	23	25	25	25	25
La Union	135	131	130	130	118	118	118	117	117	100
Pangasinan	124	119	114	106	106	106	104	104	100	98
Cagayan Valley	3,192	3,207	3,207	3,226	3,231	3,214	3,245	3,286	3,283	3,105
Batanes	..	..	..	..	..	..	6	6	6	6
Cagayan	555	555	555	554	554	554	554	558	570	552
Isabela	1,040	1,055	1,055	1,065	1,065	1,065	1,090	1,127	1,112	952
Nueva Vizcaya	192	192	192	202	202	185	185	185	185	185
Quirino	1,405	1,405	1,405	1,405	1,410	1,410	1,410	1,410	1,410	1,410
Central Luzon	1,253	1,262	1,281	1,282	1,292	1,290	1,288	1,283	1,214	1,185
Aurora	320	325	327	325	335	335	341	342	290	260
Bataan	50	50	67	67	67	67	60	58	63	63
Bulacan	504	510	511	514	515	515	516	516	497	500
Nueva Ecija	112	115	117	117	117	117	117	117	117	117
Pampanga	145	145	145	145	145	145	145	145	145	145
Tarlac	22	22	22	22	22	22	22	22	22	22
Zambales	100	95	92	92	91	89	87	83	80	78
CALABARZON	2,670	2,423	2,438	2,418	2,423	2,406	2,391	2,388	2,349	2,253
Batangas	90	88	80	80	80	85	70	65	64	62
Cavite	800	790	790	790	795	795	795	795	795	775
Laguna	635	635	638	638	638	638	638	638	600	575
Quezon	935	700	720	700	700	678	678	680	680	651
Rizal	210	210	210	210	210	210	210	210	210	190
MIMAROPA	4,878	4,912	4,945	4,964	4,986	5,028	5,100	4,040	4,105	4,111
Marinduque	56	42	42	47	47	49	49	50	50	50
Occidental Mindoro	75	77	78	80	83	84	86	88	88	90
Oriental Mindoro	3,978	3,990	3,997	4,005	4,017	4,044	4,044	2,952	3,018	3,018
Palawan	707	740	765	778	785	795	865	893	895	899
Romblon	62	63	63	54	54	56	56	57	55	54
Bicol Region	1,060	1,063	1,063	1,063	1,080	1,079	1,079	1,080	1,075	1,059
Albay	18	18	18	18	18	17	17	17	12	12
Camarines Norte	227	225	225	225	225	226	226	226	226	226
Camarines Sur	572	572	572	572	572	572	572	572	572	570
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	165	170	170	170	187	187	187	187	187	173
Sorsogon	78	78	78	78	78	77	77	78	78	78
Western Visayas	1,744	1,752	1,730	1,753	1,771	1,816	1,874	1,893	1,880	1,896
Aklan	62	62	51	51	51	53	51	51	38	42
Antique	66	68	69	70	71	71	71	72	73	75
Capiz	8	9	10	10	20	20	20	20	15	17
Guimaras	13	13	14	12	12	22	22	25	26	30
Iloilo	1,145	1,150	1,136	1,160	1,167	1,200	1,260	1,275	1,278	1,282
Negros Occidental	450	450	450	450	450	450	450	450	450	450
Central Visayas	2,320	2,332	2,344	2,353	2,374	2,376	2,386	2,399	2,381	2,390
Bohol	490	492	492	492	507	507	507	515	494	494
Cebu	840	840	850	852	852	852	863	868	870	880
Negros Oriental	980	990	990	995	1,001	1,001	999	999	999	998
Siquijor	10	10	12	14	14	16	17	17	18	18
Eastern Visayas	1,453	1,459	1,468	1,471	1,469	1,472	1,451	1,451	1,392	1,377
Biliran	112	111	113	113	113	113	113	113	94	94
Eastern Samar	183	185	185	185	185	184	184	184	184	184
Leyte	85	85	88	91	91	93	97	97	75	75
Northern Samar	590	593	595	595	597	597	597	597	598	595
Southern Leyte	168	168	170	169	168	170	170	170	169	169
Samar (Western Samar)	315	317	317	318	315	315	290	290	273	260
Zamboanga Peninsula	3,326	3,339	3,357	3,394	3,447	3,540	4,308	4,365	4,395	4,349
Zamboanga del Norte	1,607	1,620	1,630	1,655	1,685	1,688	1,965	1,980	1,986	2,017
Zamboanga del Sur	1,136	1,130	1,131	1,135	1,158	1,230	1,680	1,720	1,744	1,746
Zamboanga Sibugay	245	250	256	264	264	277	298	298	298	280
Zamboanga City	338	339	340	340	340	345	365	367	367	306
Northern Mindanao	6,612	6,610	6,685	6,691	6,747	6,724	6,726	6,724	6,724	6,706
Bukidnon	1,695	1,700	1,750	1,755	1,710	1,710	1,704	1,704	1,704	1,704
Camiguin	20	12	12	10	10	10	11	9	9	9
Lanao del Norte	2,212	2,208	2,208	2,208	2,208	2,158	2,155	2,155	2,155	2,160
Misamis Occidental	935	940	945	945	946	946	946	946	946	946
Misamis Oriental	1,750	1,750	1,770	1,773	1,873	1,900	1,910	1,910	1,910	1,887
Davao Region	7,789	8,391	8,626	11,023	11,144	11,345	11,417	10,971	11,287	11,669
Davao del Norte	1,048	1,184	1,273	1,278	1,296	1,377	1,396	1,358	1,584	1,596
Davao del Sur	2,587	2,847	2,972	3,325	3,400	3,450	3,550	3,550	3,553	3,561
Davao Oriental	2,203	2,191	2,158	4,122	4,130	4,150	4,200	4,120	4,200	4,200
Compostela Valley	1,303	1,521	1,575	1,650	1,670	1,670	1,570	1,240	1,245	1,257
Davao City	648	648	648	648	648	698	701	703	705	1,055
SOCCSKSARGEN	6,725	6,885	6,945	6,872	6,863	6,752	6,800	6,950	6,820	6,786
North Cotabato	3,750	3,760	3,800	3,750	3,750	3,750	3,770	3,970	4,000	4,030
Sarangani	348	350	345	347	350	375	420	440	512	515
South Cotabato	2,264	2,412	2,436	2,411	2,399	2,297	2,270	2,200	2,018	1,950
Sultan Kudarat	363	363	364	364	364	330	340	340	290	291
Caraga	3,665	3,681	3,674	3,529	3,561	3,493	3,491	2,416	2,526	2,556
Agusan del Norte	1,300	1,301	1,290	1,290	1,290	1,290	1,290	550	547	547
Agusan del Sur	1,560	1,565	1,565	1,420	1,455	1,415	1,415	1,275	1,390	1,425
Dinagat Islands	..	..	..	..	..	..	..	1	1	1
Surigao del Norte	15	15	16	16	16	10	8	7	5	5
Surigao del Sur	790	800	803	803	800	778	778	583	583	578
ARMM	4,693	4,561	4,565	4,954	4,952	5,250	5,228	5,238	5,732	5,791
Basilan	587	587	587	587	587	587	570	570	560	560
Lanao del Sur	1,332	1,200	1,200	1,200	1,200	1,200	1,200	1,100	1,100	1,100
Maguindanao	2,600	2,600	2,600	2,990	2,990	3,290	3,290	3,400	3,900	3,960
Sulu	125	125	129	129	127	125	120	120	122	122
Tawi-tawi	49	49	49	48	48	48	48	48	50	49

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Banana Saba										
Philippines	181,568	183,028	183,139	185,118	185,800	186,317	187,428	183,484	182,416	182,001
NCR										
CAR	1,040	1,338	1,336	1,304	1,328	1,318	1,317	1,353	1,332	1,352
Abra	391	391	391	392	392	392	392	392	390	390
Apayao	250	497	497	497	497	510	511	520	510	525
Benguet	90	90	90	91	92	90	88	88	88	88
Ifugao	89	87	87	86	86	83	83	83	67	67
Kalinga	70	70	68	68	62	62	72	78	85	90
Mountain Province	150	203	203	170	199	181	171	192	192	192
Ilocos Region	3,269	3,275	3,270	3,267	3,161	3,104	3,113	3,144	3,151	3,151
Ilocos Norte	758	758	755	755	755	704	704	705	705	705
Ilocos Sur	541	542	542	542	542	542	542	547	547	547
La Union	336	339	339	342	319	319	330	355	362	362
Pangasinan	1,634	1,636	1,634	1,628	1,545	1,539	1,537	1,537	1,538	1,537
Cagayan Valley	14,203	14,513	14,360	14,387	14,397	14,422	14,676	15,797	15,865	16,032
Batanes	..	..	..	..	..	..	5	5	5	6
Cagayan	1,975	1,985	1,985	1,985	1,985	1,985	1,985	1,997	2,040	2,123
Isabela	7,095	7,395	7,242	7,262	7,262	7,262	7,512	8,620	8,645	8,722
Nueva Vizcaya	673	673	673	675	675	700	700	700	700	706
Quirino	4,460	4,460	4,460	4,465	4,475	4,475	4,475	4,475	4,475	4,475
Central Luzon	2,444	2,445	2,444	2,439	2,439	2,437	2,434	2,429	2,509	2,515
Aurora	990	995	998	998	999	999	1,005	1,008	1,100	1,118
Bataan	76	76	76	76	76	75	68	68	68	68
Bulacan	250	255	250	245	245	245	245	240	233	233
Nueva Ecija	235	240	242	242	242	242	242	242	242	242
Pampanga	120	120	120	120	120	121	121	121	121	121
Tarlac	473	473	473	473	473	473	473	473	470	460
Zambales	300	286	285	285	284	282	280	277	275	273
CALABARZON	16,572	16,300	16,337	17,087	17,312	17,362	17,602	17,582	17,393	16,575
Batangas	3,928	3,928	3,920	4,650	4,850	4,900	4,122	4,100	3,986	3,825
Cavite	2,205	2,180	2,180	2,180	2,185	2,185	2,185	2,178	2,178	2,100
Laguna	3,930	3,930	3,925	3,925	3,925	3,925	3,925	3,925	3,850	3,700
Quezon	5,249	5,000	5,050	5,070	5,090	5,090	6,108	6,117	6,117	5,850
Rizal	1,260	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,100
MIMAROPA	14,394	14,582	14,712	14,720	14,791	14,864	14,984	11,849	11,946	12,210
Marinduque	240	202	202	204	205	208	208	204	204	204
Occidental Mindoro	245	250	252	255	260	268	300	315	325	350
Oriental Mindoro	9,642	9,780	9,885	9,900	9,917	9,956	9,956	6,770	6,852	7,119
Palawan	2,945	3,025	3,048	3,072	3,120	3,140	3,228	3,266	3,276	3,296
Romblon	1,322	1,325	1,325	1,289	1,289	1,292	1,292	1,294	1,289	1,241
Bicol Region	9,509	9,510	9,512	9,462	9,500	9,492	9,514	9,514	9,392	9,372
Albay	241	241	241	241	241	230	230	230	168	158
Camarines Norte	3,004	3,008	3,010	2,955	2,970	2,975	2,996	2,996	2,996	2,996
Camarines Sur	4,719	4,719	4,719	4,719	4,719	4,719	4,719	4,719	4,719	4,715
Catanduanes	249	213	213	213	213	213	213	213	213	213
Masbate	312	345	345	350	373	373	373	373	373	367
Sorsogon	984	984	984	984	984	982	983	983	923	923
Western Visayas	19,019	19,039	18,742	18,701	18,721	18,825	18,887	18,929	17,274	17,354
Aklan	4,478	4,474	4,188	4,115	4,115	4,118	4,118	4,098	3,075	3,087
Antique	824	843	845	848	850	853	853	887	890	920
Capiz	2,149	2,149	2,149	2,149	2,147	2,147	2,147	2,147	1,600	1,610
Guimaras	418	419	421	420	420	425	425	428	435	435
Iloilo	7,056	7,060	7,045	7,075	7,095	7,188	7,250	7,275	7,282	7,310
Negros Occidental	4,094	4,094	4,094	4,094	4,094	4,094	4,094	4,094	3,992	3,992
Central Visayas	12,567	12,567	12,567	12,891	12,896	12,902	12,931	12,941	12,450	12,451
Bohol	1,350	1,350	1,350	1,520	1,520	1,520	1,520	1,540	1,049	1,049
Cebu	5,882	5,882	5,880	5,884	5,884	5,890	5,945	5,941	5,941	5,942
Negros Oriental	4,350	4,350	4,352	4,500	4,505	4,505	4,479	4,472	4,472	4,472
Siquijor	985	985	985	987	987	987	987	988	988	988
Eastern Visayas	14,475	14,477	14,571	14,579	14,607	14,606	14,647	14,647	13,655	13,653
Biliran	955	942	940	944	939	940	940	940	780	781
Eastern Samar	705	710	710	710	710	707	708	708	708	708
Leyte	1,525	1,525	1,610	1,615	1,615	1,615	1,655	1,655	1,250	1,250
Northern Samar	2,557	2,567	2,576	2,576	2,578	2,578	2,578	2,578	2,579	2,576
Southern Leyte	3,473	3,473	3,475	3,474	3,505	3,506	3,506	3,506	3,394	3,394
Samar (Western Samar)	5,260	5,260	5,260	5,260	5,260	5,260	5,260	5,260	4,944	4,944
Zamboanga Peninsula	8,267	8,255	8,319	8,351	8,399	8,541	8,550	8,540	8,544	8,264
Zamboanga del Norte	3,823	3,830	3,840	3,865	3,891	4,017	4,020	4,030	4,035	4,050
Zamboanga del Sur	2,093	2,052	2,100	2,100	2,122	2,125	2,070	2,048	2,045	2,050
Zamboanga Sibugay	590	612	617	625	625	634	685	685	685	657
Zamboanga City	1,761	1,761	1,762	1,761	1,761	1,765	1,775	1,777	1,779	1,507
Northern Mindanao	12,557	12,623	12,694	12,831	12,972	13,084	13,080	13,076	13,237	13,242
Bukidnon	1,630	1,630	1,630	1,630	1,630	1,630	1,629	1,630	1,630	1,630
Camiguin	976	966	970	960	960	960	957	952	952	952
Lanao del Norte	3,800	3,800	3,803	3,803	3,803	3,860	3,860	3,860	3,860	3,860
Misamis Occidental	1,891	1,926	1,990	2,149	2,190	2,245	2,245	2,245	2,375	2,375
Misamis Oriental	4,260	4,301	4,301	4,289	4,389	4,389	4,389	4,389	4,420	4,425
Davao Region	20,607	21,032	21,084	21,866	21,943	22,150	22,165	20,136	22,110	22,306
Davao del Norte	3,863	4,152	4,198	4,302	4,353	4,365	4,378	4,356	4,561	4,682
Davao del Sur	6,586	6,636	6,636	6,680	6,680	6,685	6,685	6,685	6,687	6,691
Davao Oriental	3,361	3,350	3,350	3,984	4,000	4,200	4,250	3,542	5,176	5,176
Compostela Valley	5,229	5,324	5,330	5,330	5,340	5,340	5,290	3,992	4,125	4,196
Davao City	1,568	1,570	1,570	1,570	1,570	1,560	1,562	1,561	1,561	1,561
SOCCSKSARGEN	9,111	9,259	9,314	9,346	9,296	9,421	9,333	9,702	9,746	9,736
North Cotabato	5,850	5,900	5,930	5,950	5,960	5,960	5,975	6,335	6,345	6,350
Sarangani	695	725	725	728	730	916	925	930	934	940
South Cotabato	820	880	884	893	906	910	916	920	950	952
Sultan Kudarat	1,746	1,754	1,775	1,775	1,700	1,635	1,517	1,517	1,517	1,494
Caraga	9,309	9,374	9,384	9,394	9,417	8,800	9,030	8,671	8,284	8,260
Agusan del Norte	3,309	3,314	3,315	3,315	3,305	3,300	3,275	2,750	2,750	2,700
Agusan del Sur	3,500	3,550	3,560	3,570	3,575	3,585	3,545	2,950	3,146	3,173
Dinagat Islands	..	..	..	..	..	..	..	35	35	35
Surigao del Norte	810	810	804	804	802	680	680	1,751	1,165	1,165
Surigao del Sur	1,690	1,700	1,705	1,705	1,735	1,235	1,530	1,185	1,188	1,187
ARMM	14,225	14,439	14,492	14,493	14,621	14,990	15,165	15,174	15,528	15,528
Basilan	3,739	3,739	3,739	3,739	3,739	3,739	3,815	3,824	3,824	3,824
Lanao del Sur	990	1,200	1,200	1,200	1,200	1,200	1,300	1,300	1,300	1,300
Maguindanao	7,586	7,590	7,591	7,591	7,750	8,138	8,138	8,138	8,500	8,500
Sulu	1,550	1,550	1,600	1,600	1,570	1,550	1,550	1,550	1,542	1,542
Tawi-tawi	360	360	362	363	362	363	362	362	362	362

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Calamansi										
Philippines	20,253	20,545	20,956	20,912	20,987	21,141	20,843	20,262	20,065	19,993
NCR										
CAR	70	68	68	65	64	65	67	69	73	75
Abra	11	11	11	11	11	11	11	11	11	11
Apayao	18	18	18	18	18	18	20	20	25	25
Benguet	17	16	16	13	12	13	13	13	13	13
Ifugao	11	11	11	11	11	11	11	11	11	11
Kalinga	7	7	7	7	7	8	8	10	10	12
Mountain Province	6	5	5	5	5	4	4	4	3	3
Ilocos Region	1,006	1,013	1,018	1,025	1,026	1,026	1,026	1,026	1,026	1,026
Ilocos Norte	132	135	140	142	142	142	142	139	139	139
Ilocos Sur	109	110	110	113	113	113	113	116	116	116
La Union	139	139	139	141	141	141	141	141	141	141
Pangasinan	626	629	629	629	630	630	630	630	630	630
Cagayan Valley	1,032	1,109	1,180	1,182	1,182	1,168	1,188	1,207	1,225	1,227
Batanes	..	..	..	..	..	..	17	17	15	14
Cagayan	502	502	502	500	500	500	503	508	505	508
Isabela	398	475	546	546	546	536	536	550	570	570
Nueva Vizcaya	70	70	70	71	71	67	67	67	67	70
Quirino	62	62	62	65	65	65	65	65	68	65
Central Luzon	1,195	1,225	1,223	1,226	1,238	1,234	1,230	1,225	1,243	1,250
Aurora	225	225	226	220	220	218	220	220	255	255
Bataan	32	32	32	32	32	30	30	32	28	28
Bulacan	98	98	100	110	120	120	120	120	107	110
Nueva Ecija	422	450	460	450	450	450	450	450	450	452
Pampanga	175	175	175	175	175	175	175	175	175	175
Tarlac	143	143	129	129	129	129	120	110	110	110
Zambales	100	102	101	110	112	112	115	118	118	120
CALABARZON	1,450	1,423	1,478	1,480	1,480	1,726	1,756	1,734	1,661	1,662
Batangas	375	380	434	434	434	679	679	687	614	614
Cavite	135	105	105	105	105	105	105	105	105	105
Laguna	415	415	416	419	419	420	420	420	420	421
Quezon	450	451	451	450	450	450	480	450	450	450
Rizal	75	72	72	72	72	72	72	72	72	72
MIMAROPA	7,938	7,949	7,962	7,966	7,977	7,989	7,663	6,862	6,579	6,585
Marinduque	20	20	20	20	20	21	21	21	20	20
Occidental Mindoro	38	45	50	50	55	55	61	65	65	66
Oriental Mindoro	7,314	7,315	7,322	7,322	7,323	7,325	6,995	6,185	5,903	5,903
Palawan	518	523	526	530	536	545	547	553	553	558
Romblon	48	46	44	44	43	43	39	38	37	37
Bicol Region	1,071	1,077	1,077	1,030	993	988	967	952	947	885
Albay	150	150	150	150	148	145	140	130	125	70
Camarines Norte	83	84	84	84	84	82	84	85	85	85
Camarines Sur	479	479	479	479	479	479	479	479	479	475
Catanduanes	11	11	11	11	11	11	11	11	11	11
Masbate	38	43	43	43	47	47	47	47	47	44
Sorsogon	310	310	310	263	224	224	206	200	200	200
Western Visayas	975	971	962	939	934	919	899	878	841	793
Aklan	151	151	151	150	150	150	150	150	120	120
Antique	16	15	16	17	17	19	19	20	20	21
Capiz	35	40	40	40	40	40	42	42	37	38
Guimaras	478	470	460	440	435	420	400	375	375	325
Iloilo	275	275	275	272	272	270	268	271	269	269
Negros Occidental	20	20	20	20	20	20	20	20	20	20
Central Visayas	249	249	252	257	251	251	250	247	247	251
Bohol	23	23	23	25	25	25	25	25	25	25
Cebu	120	120	122	122	116	116	115	112	112	115
Negros Oriental	100	100	100	103	103	103	103	104	104	105
Siquijor	6	6	7	7	7	7	7	6	6	6
Eastern Visayas	184	187	192	195	196	197	205	205	177	177
Biliran	9	9	9	10	10	10	10	10	9	9
Eastern Samar	44	45	45	45	46	46	47	47	47	47
Leyte	78	80	85	86	86	86	91	91	65	65
Northern Samar	13	13	13	13	13	14	14	14	14	14
Southern Leyte	6	6	6	6	6	6	6	6	6	6
Samar (Western Samar)	34	34	34	35	35	35	37	37	36	36
Zamboanga Peninsula	690	725	979	981	1,087	1,092	1,079	1,077	1,037	1,030
Zamboanga del Norte	199	199	200	202	207	210	215	215	180	182
Zamboanga del Sur	41	43	43	43	45	48	49	52	52	54
Zamboanga Sibugay	360	395	650	650	750	750	745	745	745	734
Zamboanga City	90	88	86	86	85	84	70	65	60	60
Northern Mindanao	425	425	425	425	425	424	424	424	662	682
Bukidnon	58	58	58	60	60	60	60	60	60	60
Camiguin	7	7	7	7	7	7	7	7	7	7
Lanao del Norte	240	240	240	240	240	242	242	242	480	500
Misamis Occidental	50	50	50	50	50	50	50	50	50	50
Misamis Oriental	70	70	70	68	68	65	65	65	65	65
Davao Region	1,952	1,963	1,995	1,993	1,992	1,947	1,946	1,797	1,790	1,788
Davao del Norte	1,242	1,254	1,268	1,268	1,272	1,275	1,275	1,273	1,269	1,272
Davao del Sur	106	106	106	106	102	104	105	105	105	105
Davao Oriental	50	50	49	49	48	48	48	44	45	45
Compostela Valley	433	433	458	458	458	458	460	321	321	321
Davao City	121	120	114	112	112	62	58	54	50	45
SOCCSKSARGEN	779	924	924	926	927	929	995	997	1,000	1,004
North Cotabato	613	615	615	615	615	615	618	618	618	618
Sarangani	43	44	44	44	45	47	47	44	40	41
South Cotabato	25	165	166	168	168	168	170	175	182	182
Sultan Kudarat	98	100	99	99	99	99	160	160	160	162
Caraga	1,089	1,089	1,072	1,073	1,066	1,037	997	1,412	1,408	1,411
Agusan del Norte	129	129	129	129	130	120	90	41	41	42
Agusan del Sur	775	775	777	778	780	782	782	1,274	1,275	1,277
Dinagat Islands	..	..	..	..	..	..	..	9	9	9
Surigao del Norte	65	65	66	66	66	45	45	36	31	31
Surigao del Sur	120	120	100	100	90	90	80	52	52	52
ARMM	148	148	149	149	149	149	151	149	148	148
Basilan	16	16	16	16	16	16	15	15	15	15
Lanao del Sur	17	17	17	17	17	17	17	15	16	15
Maguindanao	65	65	65	65	65	65	66	66	66	66
Sulu	40	40	41	41	40	40	42	42	40	41
Tawi-tawi	10	10	10	10	11	11	11	11	11	11

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Durian										
Philippines	15,673	17,167	18,371	18,669	18,838	19,001	19,392	16,366	16,542	16,623
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	1
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	3	3	3	3	3	3	3	3	4
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	3	3	3	3	3	3	3	3	4
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	2	4	4	4	4
Aurora	..	..	..	..	..	2	4	4	4	4
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	33	33	34	34	34	34	37	37	37	37
Batangas	2	2	2	2	2	2	2	2	2	2
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	31	31	32	32	32	32	35	35	35	35
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	19	21	24	25	30	33	33	35	36	45
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	13	14	16	17	19	21	21	23	23	32
Palawan	6	7	8	8	11	12	12	12	13	13
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	111	111	181	181	181	181	181	181	181	171
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	23	23	93	93	93	93	93	93	93	83
Negros Occidental	88	88	88	88	88	88	88	88	88	88
Central Visayas	3	3	8	17	18	19	19	20	22	24
Bohol	..	..	..	..	..	..	..	..	2	2
Cebu	3	3	3	3	3	3	4	4	4	4
Negros Oriental	..	..	5	13	14	15	15	16	16	18
Siquijor	..	..	..	1	1	1	1	1	1	1
Eastern Visayas	24	24	32	34	34	38	43	43	32	32
Biliran	10	10	10	10	10	10	10	10	8	8
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	14	14	22	24	24	24	29	29	20	20
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	4	4	4	4	4
Zamboanga Peninsula	858	874	908	1,006	1,037	1,061	1,066	1,080	1,088	1,091
Zamboanga del Norte	760	765	782	856	874	879	882	889	895	900
Zamboanga del Sur	41	47	49	50	53	57	58	65	67	65
Zamboanga Sibugay	15	20	35	55	65	80	80	80	80	80
Zamboanga City	42	42	42	45	45	45	46	46	46	46
Northern Mindanao	1,154	1,155	1,359	1,414	1,419	1,419	1,425	1,426	1,432	1,432
Bukidnon	500	500	700	750	750	750	750	750	750	750
Camiguin	3	4	5	5	5	5	6	6	6	6
Lanao del Norte	525	525	525	525	528	528	528	528	528	528
Misamis Occidental	46	46	46	46	46	46	46	46	52	52
Misamis Oriental	80	80	83	88	90	90	95	96	96	96
Davao Region	9,168	10,363	11,194	11,299	11,409	11,510	11,540	8,083	8,238	8,330
Davao del Norte	2,178	2,247	2,278	2,285	2,342	2,346	2,375	2,327	2,469	2,514
Davao del Sur	265	265	1,065	1,155	1,205	1,300	1,300	1,300	1,300	1,300
Davao Oriental	150	151	151	155	157	157	157	160	160	162
Compostela Valley	3,750	4,875	4,875	4,875	4,875	4,875	4,875	1,462	1,475	1,520
Davao City	2,825	2,825	2,825	2,829	2,830	2,832	2,833	2,834	2,834	2,834
SOCCSKSARGEN	1,546	1,771	1,812	1,815	1,828	1,847	1,930	2,192	2,204	2,202
North Cotabato	900	905	910	910	910	925	925	960	963	960
Sarangani	110	112	112	113	118	120	125	130	131	132
South Cotabato	208	426	430	432	440	442	520	702	710	710
Sultan Kudarat	328	328	360	360	360	360	360	400	400	400
Caraga	1,656	1,688	1,685	1,685	1,689	1,689	1,796	1,947	1,950	1,935
Agusan del Norte	36	38	40	40	45	45	65	160	160	150
Agusan del Sur	1,220	1,250	1,250	1,250	1,249	1,249	1,276	1,300	1,303	1,309
Dinagat Islands	..	..	..	..	..	..	..	2	2	2
Surigao del Norte	5	5	5	5	5	5	5	19	19	19
Surigao del Sur	395	395	390	390	390	390	450	466	466	455
ARMM	1,101	1,121	1,131	1,156	1,156	1,165	1,315	1,315	1,315	1,315
Basilan	30	30	30	30	30	30	31	31	31	31
Lanao del Sur	112	112	112	112	112	112	112	112	112	112
Maguindanao	175	175	175	200	200	200	350	350	350	350
Sulu	730	750	760	760	760	770	770	770	770	770
Tawi-tawi	54	54	54	54	54	53	52	52	52	52

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2006	2007	2008	2009	2010
Lanzones										
Philippines	19,668	20,015	20,331	20,430	20,505	19,668	20,015	20,331	20,430	20,505
NCR										
CAR	25	25	25	25	26	25	25	25	25	26
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	20	20	20	20	20	20	20	20	20	20
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	5	5	5	5	6	5	5	5	5	6
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	4	5	8	8	8	4	5	8	8	8
Ilocos Norte	..	..	3	3	3	..	..	3	3	3
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	4	5	5	5	5	4	5	5	5	5
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	20	27	27	27	27	20	27	27	27	27
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	5	5	5	5	5	5	5	5	5	5
Nueva Vizcaya	15	22	22	22	22	15	22	22	22	22
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	6	7	7	6	6	6	7	7	6	6
Aurora	..	1	1	1	1	..	1	1	1	1
Bataan	3	3	3	3	3	3	3	3	3	3
Bulacan	2	2	2	1	1	2	2	2	1	1
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	1	1	1	1	1	1	1	1	1	1
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	4,334	4,319	4,319	4,321	4,321	4,334	4,319	4,319	4,321	4,321
Batangas	518	518	518	520	520	518	518	518	520	520
Cavite	85	75	75	75	75	85	75	75	75	75
Laguna	3,605	3,605	3,605	3,605	3,605	3,605	3,605	3,605	3,605	3,605
Quezon	126	121	121	121	121	126	121	121	121	121
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	309	322	323	323	325	309	322	323	323	325
Marinduque	6	6	6	6	6	6	6	6	6	6
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	300	312	312	312	312	300	312	312	312	312
Palawan	3	4	5	5	7	3	4	5	5	7
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	35	34	34	34	34	35	34	34	34	34
Albay	2	2	2	2	2	2	2	2	2	2
Camarines Norte	8	7	7	7	7	8	7	7	7	7
Camarines Sur	15	15	15	15	15	15	15	15	15	15
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	10	10	10	10	10	10	10	10	10	10
Western Visayas	371	372	511	484	486	371	372	511	484	486
Aklan	58	57	57	30	30	58	57	57	30	30
Antique	..	2	1	1	2	..	2	1	1	2
Capiz	12	12	12	12	13	12	12	12	12	13
Guimaras	1	1	1	1	1	1	1	1	1	1
Iloilo	10	10	150	150	150	10	10	150	150	150
Negros Occidental	290	290	290	290	290	290	290	290	290	290
Central Visayas	84	84	90	97	98	84	84	90	97	98
Bohol	3	3	3	3	3	3	3	3	3	3
Cebu	40	40	41	41	41	40	40	41	41	41
Negros Oriental	33	33	38	43	44	33	33	38	43	44
Siquijor	8	8	8	10	10	8	8	8	10	10
Eastern Visayas	167	173	186	188	187	167	173	186	188	187
Biliran	34	38	38	38	38	34	38	38	38	38
Eastern Samar	..	2	2	2	2	..	2	2	2	2
Leyte	62	62	75	75	75	62	62	75	75	75
Northern Samar	7	7	7	7	7	7	7	7	7	7
Southern Leyte	11	11	11	11	12	11	11	11	11	12
Samar (Western Samar)	53	53	53	55	53	53	53	53	55	53
Zamboanga Peninsula	1,711	1,785	1,804	1,884	1,936	1,711	1,785	1,804	1,884	1,936
Zamboanga del Norte	1,600	1,660	1,669	1,735	1,750	1,600	1,660	1,669	1,735	1,750
Zamboanga del Sur	55	59	59	59	76	55	59	59	59	76
Zamboanga Sibugay	20	30	40	50	70	20	30	40	50	70
Zamboanga City	36	36	36	40	40	36	36	36	40	40
Northern Mindanao	3,278	3,288	3,319	3,344	3,345	3,278	3,288	3,319	3,344	3,345
Bukidnon	30	40	70	80	80	30	40	70	80	80
Camiguin	1,293	1,293	1,293	1,294	1,295	1,293	1,293	1,293	1,294	1,295
Lanao del Norte	275	275	275	275	275	275	275	275	275	275
Misamis Occidental	280	280	280	290	290	280	280	280	290	290
Misamis Oriental	1,400	1,400	1,401	1,405	1,405	1,400	1,400	1,401	1,405	1,405
Davao Region	2,060	2,108	2,112	2,118	2,123	2,060	2,108	2,112	2,118	2,123
Davao del Norte	344	352	358	358	363	344	352	358	358	363
Davao del Sur	148	148	148	155	155	148	148	148	155	155
Davao Oriental	40	40	38	37	37	40	40	38	37	37
Compostela Valley	1,325	1,365	1,365	1,365	1,365	1,325	1,365	1,365	1,365	1,365
Davao City	203	203	203	203	203	203	203	203	203	203
SOCCSKSARGEN	1,108	1,310	1,310	1,312	1,318	1,108	1,310	1,310	1,312	1,318
North Cotabato	770	772	772	772	772	770	772	772	772	772
Sarangani	70	72	72	72	73	70	72	72	72	73
South Cotabato	180	378	378	380	385	180	378	378	380	385
Sultan Kudarat	88	88	88	88	88	88	88	88	88	88
Caraga	829	829	829	832	832	829	829	829	832	832
Agusan del Norte	15	15	15	15	15	15	15	15	15	15
Agusan del Sur	770	770	772	775	775	770	770	772	775	775
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	12	12	12	12	12	12	12	12	12	12
Surigao del Sur	32	32	30	30	30	32	32	30	30	30
ARMM	5,327	5,327	5,427	5,427	5,433	5,327	5,327	5,427	5,427	5,433
Basilan	35	35	35	35	35	35	35	35	35	35
Lanao del Sur	220	220	220	220	220	220	220	220	220	220
Maguindanao	24	24	24	24	30	24	24	24	24	30
Sulu	5,000	5,000	5,100	5,100	5,100	5,000	5,000	5,100	5,100	5,100
Tawi-tawi	48	48	48	48	48	48	48	48	48	48

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mandarin										
Philippines	9,646	9,621	9,583	9,444	9,289	9,107	9,113	9,009	8,982	8,779
NCR										
CAR	155	182	178	178	177	177	185	197	204	213
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	35	62	62	62	62	62	65	68	75	75
Benguet	44	44	44	44	44	44	44	44	44	44
Ifugao	16	16	17	17	17	17	17	17	17	17
Kalinga	35	35	35	35	35	35	35	35	35	38
Mountain Province	25	25	20	20	19	19	24	33	33	39
Ilocos Region	21	21	21	20	20	20	21	21	23	23
Ilocos Norte	15	15	15	14	14	14	15	15	17	17
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	6	6	6	6	6	6	6	6	6	6
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	1,482	1,454	1,479	1,486	1,483	1,473	1,475	1,482	1,469	1,480
Batanes	..	..	..	..	..	..	4	4	3	3
Cagayan	348	348	348	348	348	348	348	355	342	342
Isabela	121	125	150	150	150	140	138	138	138	140
Nueva Vizcaya	932	900	900	903	900	900	900	900	900	910
Quirino	81	81	81	85	85	85	85	85	86	85
Central Luzon	484	484	408	403	401	396	392	382	373	373
Aurora	475	475	400	395	393	388	384	374	365	365
Bataan	1	1	1	1	1	1	1	1	1	1
Bulacan	8	8	7	7	7	7	7	7	7	7
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	2,141	2,125	2,150	2,150	2,150	2,148	2,168	2,153	2,200	2,090
Batangas	135	135	160	160	160	160	180	165	212	170
Cavite	35	20	20	20	20	20	20	20	20	20
Laguna	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,700
Quezon	171	170	170	170	170	168	168	168	168	150
Rizal	50	50	50	50	50	50	50	50	50	50
MIMAROPA	696	697	699	695	692	693	693	673	653	581
Marinduque	6	6	6	5	5	5	5	5	5	5
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	671	672	673	670	670	671	671	651	631	559
Palawan	16	16	18	17	17	17	17	17	17	17
Romblon	3	3	3	3	..	..	..	..	..	..
Bicol Region	1,756	1,758	1,753	1,751	1,741	1,720	1,720	1,720	1,720	1,713
Albay	70	70	65	65	55	55	55	55	55	50
Camarines Norte	923	923	923	921	921	900	900	900	900	900
Camarines Sur	744	744	744	744	744	744	744	744	744	744
Catanduanes	1	1	1	1	1	1	1	1	1	1
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	18	20	20	20	20	20	20	20	20	18
Western Visayas	42	42	50	47	47	47	46	54	38	37
Aklan	27	27	26	24	24	24	24	24	8	8
Antique	6	5	4	3	3	3	3	4	4	4
Capiz	..	..	..	..	..	..	..	7	6	6
Guimaras	5	6	6	6	6	6	6	7	7	7
Iloilo	4	4	14	14	14	14	13	13	13	12
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	46	46	46	49	43	43	33	32	26	24
Bohol	..	..	..	..	..	..	..	1	1	1
Cebu	36	36	36	36	30	30	20	18	12	10
Negros Oriental	10	10	10	13	13	13	13	13	13	13
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	37	37	39	40	39	40	40	38	31	17
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	2	2	2	2	2	2	2	2	2	2
Leyte	28	28	30	31	31	32	32	30	24	10
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	4	4	4	4	3	3	3	3	3	3
Samar (Western Samar)	2	2	2	2	2	2	2	2	2	2
Zamboanga Peninsula	15	15	15	15	15	10	10	10	10	8
Zamboanga del Norte	15	15	15	15	15	10	10	10	10	8
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	36	35	35	35	35	28	28	26	25	24
Bukidnon	22	22	22	22	22	15	15	15	15	15
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	8	8	8	8	8	8	8	7	6	5
Misamis Occidental	2	2	2	2	2	2	2	2	2	2
Misamis Oriental	4	3	3	3	3	3	3	2	2	2
Davao Region	741	731	719	685	656	627	623	559	549	536
Davao del Norte	58	57	56	55	54	53	52	50	48	47
Davao del Sur	60	55	55	50	45	37	37	35	34	34
Davao Oriental	411	411	400	373	350	340	340	331	328	328
Compostela Valley	78	78	78	77	77	77	75	25	25	22
Davao City	134	130	130	130	130	120	119	118	114	105
SOCCSKSARGEN	21	21	20	20	19	19	18	17	16	16
North Cotabato	12	11	10	10	9	9	9	7	7	7
Sarangani	3	3	3	3	3	4	4	4	4	4
South Cotabato	3	4	4	4	4	5	5	5	5	5
Sultan Kudarat	3	3	3	3	3	2	1	1	1	1
Caraga	32	32	30	29	50	46	44	29	29	28
Agusan del Norte	2	2	2	1	8	8	5	2	2	2
Agusan del Sur	5	5	4	4	4	4	4	4	4	4
Dinagat Islands	..	..	..	..	..	..	..	2	2	2
Surigao del Norte	12	12	12	12	12	8	9	8	8	8
Surigao del Sur	13	13	12	12	26	26	26	13	13	13
ARMM	1,941	1,941	1,941	1,841	1,721	1,620	1,618	1,617	1,617	1,617
Basilan	5	5	5	5	5	5	3	3	3	3
Lanao del Sur	2	2	2	2	2	2	2	2	2	2
Maguindanao	20	20	20	20	..	..	..	..	..	..
Sulu	1,900	1,900	1,900	1,800	1,700	1,600	1,600	1,600	1,600	1,600
Tawi-tawi	14	14	14	14	14	13	13	12	12	12

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mango										
Philippines	171,711	184,174	186,770	188,139	189,437	187,073	188,719	187,939	188,092	188,422
NCR										
CAR	760	780	790	792	792	794	766	779	782	794
Abra	110	110	110	110	110	110	110	110	110	110
Apayao	86	88	88	88	88	90	88	88	88	88
Benguet	264	264	264	264	264	264	238	238	238	238
Ifugao	114	114	114	116	116	116	116	116	115	119
Kalinga	80	80	80	80	80	80	84	96	101	107
Mountain Province	106	124	134	134	134	134	130	131	130	132
Ilocos Region	21,683	22,196	22,099	20,824	21,204	21,341	21,585	22,118	22,269	22,264
Ilocos Norte	3,250	3,475	3,473	3,650	4,050	4,226	4,462	4,754	4,866	4,866
Ilocos Sur	972	1,234	1,231	1,231	1,231	1,276	1,276	1,312	1,312	1,312
La Union	2,108	2,135	2,132	2,124	2,100	2,100	2,110	2,316	2,357	2,355
Pangasinan	15,353	15,352	15,263	13,819	13,823	13,739	13,737	13,737	13,735	13,731
Cagayan Valley	9,939	10,080	10,100	10,087	10,496	10,002	10,046	10,410	10,417	10,416
Batanes	..	..	..	..	..	..	102	102	86	80
Cagayan	1,884	1,975	1,973	1,975	2,383	2,404	2,404	2,460	2,499	2,509
Isabela	3,395	3,445	3,467	3,445	3,445	2,930	2,872	3,153	3,144	3,144
Nueva Vizcaya	3,765	3,765	3,765	3,772	3,772	3,772	3,772	3,772	3,765	3,760
Quirino	895	895	895	895	896	896	896	923	923	923
Central Luzon	32,936	33,427	33,320	33,563	33,714	33,678	34,297	34,360	34,108	33,543
Aurora	..	..	..	25	25	25	27	28	34	34
Bataan	1,131	1,131	1,131	1,131	1,131	1,085	1,055	1,050	1,040	1,040
Bulacan	8,810	8,815	8,835	8,832	8,840	8,840	8,840	8,835	8,762	8,764
Nueva Ecija	10,937	11,093	11,103	11,040	11,040	11,040	11,404	10,800	10,800	10,178
Pampanga	893	893	913	915	915	925	1,141	1,410	1,360	1,360
Tarlac	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,455	3,330	3,330
Zambales	7,710	8,040	7,883	8,165	8,308	8,308	8,375	8,782	8,782	8,837
CALABARZON	15,548	14,963	14,832	14,742	14,773	14,777	14,557	14,185	14,185	13,972
Batangas	12,109	12,109	11,970	11,880	11,880	11,880	11,680	11,313	11,313	11,220
Cavite	1,690	1,130	1,130	1,130	1,158	1,158	1,138	1,133	1,133	1,133
Laguna	179	179	187	187	187	187	187	187	187	135
Quezon	755	735	735	735	735	739	739	739	739	674
Rizal	815	810	810	810	813	813	813	813	813	810
MIMAROPA	3,876	3,880	3,895	3,854	3,871	3,852	3,834	3,829	3,817	3,786
Marinduque	304	304	304	305	305	306	306	304	304	304
Occidental Mindoro	262	262	285	288	299	305	311	327	354	365
Oriental Mindoro	86	87	87	86	86	86	86	86	85	114
Palawan	1,848	1,858	1,868	1,878	1,884	1,872	1,867	1,865	1,865	1,865
Romblon	1,376	1,369	1,352	1,297	1,297	1,283	1,264	1,247	1,209	1,138
Bicol Region	1,700	2,056	2,056	2,787	2,872	2,870	2,870	2,851	2,859	2,840
Albay	60	56	56	56	57	57	57	59	67	59
Camarines Norte	853	853	853	853	853	851	851	830	830	830
Camarines Sur	318	318	318	318	318	318	318	318	318	318
Catanduanes	18	18	18	18	18	18	18	18	18	18
Masbate	155	515	515	1,246	1,328	1,328	1,328	1,328	1,328	1,317
Sorsogon	296	296	296	296	298	298	298	298	298	298
Western Visayas	11,206	11,204	11,324	11,355	11,392	10,327	10,343	9,869	10,016	9,957
Aklan	403	405	405	300	300	302	300	300	280	280
Antique	263	290	292	297	297	297	297	370	370	360
Capiz	100	106	120	120	120	120	120	122	71	71
Guimaras	2,440	2,390	2,380	2,380	2,380	2,430	2,430	2,433	2,733	2,682
Iloilo	3,632	3,645	3,658	3,720	3,757	3,787	3,805	3,825	3,750	3,752
Negros Occidental	4,368	4,368	4,469	4,538	4,538	3,391	3,391	2,819	2,812	2,812
Central Visayas	12,448	12,451	12,489	12,561	12,562	12,568	12,582	12,586	11,969	11,976
Bohol	2,735	2,735	2,735	2,791	2,791	2,791	2,791	2,791	2,791	2,791
Cebu	5,605	5,605	5,618	5,623	5,623	5,629	5,636	5,636	5,017	5,018
Negros Oriental	3,944	3,947	3,947	3,953	3,956	3,956	3,961	3,963	3,963	3,967
Siquijor	164	164	189	194	192	192	194	196	198	200
Eastern Visayas	712	744	848	875	883	884	910	910	736	715
Biliran	190	191	191	217	219	219	220	220	156	136
Eastern Samar	83	87	86	86	86	86	86	86	86	86
Leyte	111	121	225	225	231	231	251	251	164	164
Northern Samar	82	82	83	82	82	85	85	85	85	85
Southern Leyte	32	32	32	32	32	32	34	34	31	31
Samar (Western Samar)	214	231	231	233	233	231	234	234	214	214
Zamboanga Peninsula	16,091	16,365	16,521	16,648	16,679	16,800	16,914	16,862	16,981	16,927
Zamboanga del Norte	11,628	11,628	11,640	11,715	11,720	11,727	11,740	11,741	11,840	11,845
Zamboanga del Sur	1,259	1,322	1,330	1,347	1,374	1,397	1,396	1,402	1,415	1,415
Zamboanga Sibugay	444	440	460	505	505	601	590	580	580	575
Zamboanga City	2,760	2,975	3,091	3,081	3,080	3,075	3,188	3,139	3,146	3,092
Northern Mindanao	8,657	8,656	8,657	9,598	9,597	8,751	8,742	8,722	8,721	8,720
Bukidnon	2,356	2,356	2,356	2,346	2,345	2,345	2,345	2,345	2,345	2,344
Camiguin	123	124	124	123	123	123	122	122	121	121
Lanao del Norte	2,063	2,063	2,063	2,063	2,063	2,063	2,055	2,035	2,020	2,020
Misamis Occidental	2,113	2,111	2,111	3,061	3,061	2,215	2,215	2,215	2,230	2,230
Misamis Oriental	2,002	2,002	2,003	2,005	2,005	2,005	2,005	2,005	2,005	2,005
Davao Region	9,038	18,115	18,137	17,973	17,982	17,761	18,043	17,439	18,296	18,299
Davao del Norte	1,359	1,509	1,528	1,538	1,543	1,545	1,545	1,542	1,553	1,576
Davao del Sur	4,360	13,292	13,292	12,992	12,998	12,998	12,998	12,998	13,813	13,813
Davao Oriental	593	593	598	728	726	740	1,080	1,151	1,190	1,220
Compostela Valley	1,280	1,275	1,273	1,269	1,269	1,254	1,203	533	533	533
Davao City	1,446	1,446	1,446	1,446	1,446	1,224	1,217	1,215	1,207	1,157
SOCCSKSARGEN	12,348	14,340	16,747	16,736	16,727	16,898	16,815	17,423	17,351	17,261
North Cotabato	5,623	5,465	7,480	7,480	7,480	7,515	7,450	7,300	7,180	7,180
Sarangani	3,178	3,180	3,175	3,165	3,162	3,367	3,369	4,160	4,264	4,263
South Cotabato	2,144	4,292	4,294	4,294	4,288	4,274	4,255	4,221	4,165	4,118
Sultan Kudarat	1,403	1,403	1,798	1,797	1,797	1,742	1,742	1,742	1,742	1,700
Caraga	3,325	3,405	3,382	3,382	3,383	3,257	3,454	2,633	2,623	2,628
Agusan del Norte	2,900	2,915	2,930	2,930	2,931	2,850	2,849	1,697	1,697	1,697
Agusan del Sur	125	165	125	125	125	124	147	300	299	299
Dinagat Islands	..	..	..	..	..	..	..	40	40	40
Surigao del Norte	140	140	142	142	142	98	118	256	247	252
Surigao del Sur	160	185	185	185	185	185	340	340	340	340
ARMM	11,444	11,513	11,573	12,362	12,510	12,513	12,962	12,965	12,964	14,327
Basilan	93	93	93	93	93	93	100	100	100	100
Lanao del Sur	42	42	42	42	42	42	43	42	43	43
Maguindanao	9,728	9,718	9,718	10,501	10,671	10,671	11,104	11,106	11,106	12,465
Sulu	1,225	1,300	1,350	1,355	1,330	1,330	1,337	1,337	1,334	1,334
Tawi-tawi	356	360	370	371	374	377	378	380	381	385

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mango Carabao										
Philippines	129,475	141,627	144,293	145,926	147,026	145,518	146,873	146,457	146,915	147,467
NCR										
CAR	688	693	697	699	699	699	669	677	680	690
Abra	110	110	110	110	110	110	110	110	110	110
Apayao	78	78	78	78	78	78	78	78	78	78
Benguet	264	264	264	264	264	264	238	238	238	238
Ifugao	106	106	106	108	108	108	108	108	107	110
Kalinga	60	60	60	60	60	60	60	68	73	80
Mountain Province	70	75	79	79	79	79	75	75	74	74
Ilocos Region	16,578	17,086	17,087	16,114	16,500	16,758	17,008	17,550	17,704	17,702
Ilocos Norte	1,775	2,000	2,000	2,200	2,600	2,820	3,060	3,360	3,472	3,472
Ilocos Sur	587	850	850	850	850	895	895	931	931	931
La Union	1,836	1,854	1,855	1,855	1,838	1,838	1,848	2,055	2,096	2,096
Pangasinan	12,380	12,382	12,382	11,209	11,212	11,205	11,205	11,205	11,205	11,203
Cagayan Valley	6,321	6,433	6,450	6,463	6,872	6,793	6,795	7,157	7,188	7,199
Batanes	..	..	..	..	..	..	32	32	27	26
Cagayan	835	915	915	920	1,328	1,349	1,349	1,405	1,441	1,453
Isabela	1,895	1,925	1,942	1,925	1,925	1,825	1,795	2,074	2,074	2,074
Nueva Vizcaya	3,385	3,387	3,387	3,412	3,412	3,412	3,412	3,412	3,412	3,412
Quirino	206	206	206	206	207	207	207	234	234	234
Central Luzon	24,316	24,546	24,446	24,712	24,864	24,863	25,172	25,413	25,217	24,722
Aurora	..	..	..	15	15	15	17	17	21	21
Bataan	296	296	296	296	296	285	285	280	270	270
Bulacan	7,000	7,000	7,020	7,024	7,030	7,030	7,030	7,030	6,996	6,998
Nueva Ecija	6,800	6,830	6,840	6,840	6,840	6,840	6,840	6,316	6,316	5,769
Pampanga	400	400	420	422	430	440	680	1,050	1,000	1,000
Tarlac	3,220	3,220	3,220	3,220	3,220	3,220	3,220	3,220	3,114	3,114
Zambales	6,600	6,800	6,650	6,895	7,033	7,033	7,100	7,500	7,500	7,550
CALABARZON	10,705	10,472	10,478	10,478	10,506	10,507	10,507	10,299	10,299	10,201
Batangas	9,430	9,430	9,430	9,430	9,430	9,430	9,430	9,241	9,241	9,200
Cavite	650	422	422	422	450	450	450	431	431	431
Laguna	62	62	68	68	68	68	68	68	68	40
Quezon	295	290	290	290	290	291	291	291	291	262
Rizal	268	268	268	268	268	268	268	268	268	268
MIMAROPA	1,991	1,996	2,013	2,019	2,030	2,025	2,024	2,033	2,044	2,050
Marinduque	249	249	249	249	249	249	249	249	249	249
Occidental Mindoro	140	140	152	153	158	160	161	170	182	185
Oriental Mindoro	17	18	18	18	18	18	18	18	18	22
Palawan	1,385	1,390	1,395	1,400	1,406	1,400	1,398	1,398	1,398	1,398
Romblon	200	199	199	199	199	198	198	198	197	196
Bicol Region	416	545	545	1,075	1,112	1,112	1,112	1,112	1,115	1,112
Albay	27	25	25	25	25	25	25	25	28	25
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	202	202	202	202	202	202	202	202	202	202
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	80	211	211	741	778	778	778	778	778	778
Sorsogon	107	107	107	107	107	107	107	107	107	107
Western Visayas	10,219	10,186	10,195	10,243	10,265	9,180	9,186	8,672	8,856	8,813
Aklan	46	46	46	41	41	43	41	41	34	34
Antique	233	242	243	245	245	245	245	275	275	270
Capiz	50	55	65	65	65	65	65	65	40	40
Guimaras	2,255	2,205	2,200	2,200	2,200	2,250	2,250	2,250	2,550	2,500
Iloilo	3,512	3,515	3,518	3,550	3,572	3,582	3,590	3,600	3,520	3,532
Negros Occidental	4,123	4,123	4,123	4,142	4,142	2,995	2,995	2,441	2,437	2,437
Central Visayas	10,355	10,356	10,391	10,456	10,458	10,463	10,474	10,478	9,870	9,874
Bohol	2,260	2,260	2,260	2,310	2,310	2,310	2,310	2,310	2,310	2,310
Cebu	5,100	5,100	5,110	5,114	5,114	5,119	5,125	5,125	4,514	4,514
Negros Oriental	2,925	2,926	2,926	2,932	2,934	2,934	2,937	2,938	2,938	2,940
Siquijor	70	70	95	100	100	100	102	105	108	110
Eastern Visayas	447	476	559	585	590	591	613	613	482	462
Biliran	182	184	184	208	210	210	211	211	150	130
Eastern Samar	..	3	3	3	3	3	3	3	3	3
Leyte	72	79	162	162	165	165	181	181	120	120
Northern Samar	32	32	32	32	32	33	33	33	33	33
Southern Leyte	6	6	6	6	6	6	7	7	6	6
Samar (Western Samar)	155	172	172	174	174	174	178	178	170	170
Zamboanga Peninsula	12,649	12,863	13,006	13,091	13,124	13,303	13,445	13,410	13,539	13,485
Zamboanga del Norte	9,126	9,126	9,130	9,180	9,185	9,189	9,200	9,200	9,295	9,295
Zamboanga del Sur	728	730	731	731	759	865	896	910	940	940
Zamboanga Sibugay	320	320	340	385	385	450	450	450	450	450
Zamboanga City	2,475	2,687	2,805	2,795	2,795	2,799	2,899	2,850	2,854	2,800
Northern Mindanao	7,331	7,332	7,332	8,274	8,274	7,428	7,428	7,428	7,448	7,448
Bukidnon	2,220	2,220	2,220	2,210	2,210	2,210	2,210	2,210	2,210	2,210
Camiguin	95	96	96	96	96	96	96	96	96	96
Lanao del Norte	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,060	1,060
Misamis Occidental	2,021	2,021	2,021	2,971	2,971	2,125	2,125	2,125	2,140	2,140
Misamis Oriental	1,940	1,940	1,940	1,942	1,942	1,942	1,942	1,942	1,942	1,942
Davao Region	6,696	15,778	15,795	15,627	15,636	15,546	15,749	15,198	16,060	16,106
Davao del Norte	866	996	1,008	1,012	1,015	1,017	1,017	1,016	1,022	1,038
Davao del Sur	3,647	12,599	12,599	12,299	12,305	12,305	12,305	12,305	13,134	13,134
Davao Oriental	355	355	360	490	490	500	730	790	820	850
Compostela Valley	1,156	1,156	1,156	1,154	1,154	1,150	1,125	515	515	515
Davao City	672	672	672	672	672	574	572	572	569	569
SOCCSKSARGEN	10,587	12,640	15,057	15,059	15,055	15,218	15,161	15,751	15,752	15,672
North Cotabato	4,630	4,650	6,665	6,665	6,665	6,690	6,650	6,500	6,450	6,450
Sarangani	2,900	2,902	2,902	2,902	2,903	3,108	3,111	3,880	3,987	3,989
South Cotabato	1,732	3,763	3,765	3,765	3,760	3,745	3,725	3,696	3,640	3,600
Sultan Kudarat	1,325	1,325	1,725	1,727	1,727	1,675	1,675	1,675	1,675	1,633
Caraga	2,310	2,345	2,352	2,352	2,353	2,341	2,399	1,532	1,525	1,530
Agusan del Norte	2,155	2,165	2,170	2,170	2,171	2,170	2,170	1,150	1,150	1,150
Agusan del Sur	75	75	75	75	75	75	98	251	250	250
Dinagat Islands	..	..	..	..	..	..	..	7	7	7
Surigao del Norte	30	30	32	32	32	21	41	34	28	33
Surigao del Sur	50	75	75	75	75	75	90	90	90	90
ARMM	7,866	7,880	7,890	8,680	8,688	8,691	9,132	9,134	9,137	10,401
Basilan	15	15	15	15	15	15	20	20	20	20
Lanao del Sur	20	20	20	20	20	20	21	21	22	22
Maguindanao	7,820	7,830	7,830	8,613	8,613	8,613	9,044	9,044	9,044	10,305
Sulu	..	..	..	5	10	10	12	12	12	12
Tawi-tawi	11	15	25	27	30	33	35	37	39	42

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mangosteen										
Philippines	1,813	1,991	2,214	2,263	2,287	2,313	2,409	2,464	2,523	2,531
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	1	1	1	1	1	1	1
Ilocos Norte	..	..	..	1	1	1	1	1	1	1
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	5	5	5	5	5	5	5
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	5	5	5	5	5	5	5
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	11	9	9	10	10	10	10	11	11	10
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1	..	..	1	1	1	1	2	2	1
Quezon	10	9	9	9	9	9	9	9	9	9
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	6	6	6	5	5	5	5	5	7	9
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	5	5	5	3	3	3	3	3	4	6
Palawan	1	1	1	2	2	2	2	2	3	3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	171	171	171	171	171	171	171	170
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	10	10	10	10	10	10	10	9
Negros Occidental	..	..	161	161	161	161	161	161	161	161
Central Visayas	20	20	20	22	22	25	22	22	22	22
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	20	20	20	22	22	25	22	22	22	22
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	290	395	397	417	443	443	452	460	469	469
Zamboanga del Norte	275	378	381	400	425	425	433	441	450	450
Zamboanga del Sur	7	7	6	6	7	7	7	7	7	7
Zamboanga Sibugay	4	6	6	6	6	6	6	6	6	6
Zamboanga City	4	4	4	5	5	5	6	6	6	6
Northern Mindanao	53	53	52	54	58	58	58	59	64	64
Bukidnon	3	3	3	6	6	6	6	6	6	6
Camiguin	1	1	1	0	0	0	0	0	0	0
Lanao del Norte	8	8	8	8	8	8	8	8	8	8
Misamis Occidental	35	35	35	35	39	39	39	39	44	44
Misamis Oriental	6	6	5	5	5	5	5	6	6	6
Davao Region	272	338	344	356	352	363	367	285	293	304
Davao del Norte	65	69	75	75	81	81	81	79	82	88
Davao del Sur	15	55	55	67	57	65	65	65	67	67
Davao Oriental	..	..	..	..	..	2	2	2	2	2
Compostela Valley	104	125	125	125	125	125	125	37	40	45
Davao City	88	89	89	89	89	90	94	102	102	102
SOCCSKSARGEN	206	215	230	233	261	263	273	284	289	292
North Cotabato	196	200	205	205	205	205	205	205	206	205
Sarangani	4	5	5	7	7	7	12	13	14	14
South Cotabato	..	4	4	5	8	10	15	25	28	32
Sultan Kudarat	6	6	16	16	41	41	41	41	41	41
Caraga	28	29	29	33	33	43	109	225	257	250
Agusan del Norte	1	1	1	1	1	1	1	21	21	20
Agusan del Sur	26	26	26	30	30	40	40	134	166	166
Dinagat Islands	..	..	..	..	..	..	..	1	1	1
Surigao del Norte	1	2	2	2	2	2	2	3	3	3
Surigao del Sur	..	..	..	..	..	..	66	66	66	60
ARMM	927	926	956	956	926	926	936	935	935	935
Basilan	14	14	14	14	14	14	13	13	13	13
Lanao del Sur	6	5	5	5	5	5	6	6	6	6
Maguindanao	2	2	2	2	2	2	2	2	2	2
Sulu	900	900	930	930	900	900	910	910	910	910
Tawi-tawi	5	5	5	5	5	5	5	4	4	4

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Orange										
Philippines	1,936	1,817	1,677	1,657	1,630	1,556	1,524	1,465	1,447	1,417
NCR										
CAR	191	178	179	179	178	174	170	156	151	145
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	4	4	4	4	4	4	5	5	5	5
Benguet	79	79	79	79	79	79	79	79	79	79
Ifugao	26	26	27	27	27	27	27	27	27	27
Kalinga	15	15	15	15	15	15	15	15	15	15
Mountain Province	67	54	54	54	53	49	44	30	25	19
Ilocos Region	27	27	24	20	17	13	13	11	11	9
Ilocos Norte	22	22	19	15	12	8	8	6	6	4
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	3	3	3	3	3	3	3	3	3	3
Pangasinan	2	2	2	2	2	2	2	2	2	2
Cagayan Valley	350	354	354	359	351	349	350	349	357	360
Batanes	..	..	..	..	..	..	3	3	2	2
Cagayan	15	17	17	17	17	17	17	16	25	25
Isabela	45	47	47	47	47	45	43	43	43	43
Nueva Vizcaya	275	275	275	280	272	272	272	272	272	275
Quirino	15	15	15	15	15	15	15	15	15	15
Central Luzon	26	16	10	9	6	5	5	4	4	3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	20	10	5	5	2	1	1	..	..	..
Zambales	6	6	5	4	4	4	4	4	4	3
CALABARZON	218	125	13	12	11	9	3	2	2	2
Batangas	210	120	10	9	8	7	2	1	1	1
Cavite	4	2	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	4	3	3	3	3	2	1	1	1	1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	8	4	4	3	3	3	3	3	3	3
Marinduque	2	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	2	2	2	3	3	3	3	3	3	3
Romblon	4	2	2	..	..	..	..	..	..	..
Bicol Region	482	484	484	472	484	474	464	464	464	464
Albay	1	1	1	1	1	1	1	1	1	1
Camarines Norte	319	320	320	320	320	310	300	300	300	300
Camarines Sur	144	144	144	144	144	144	144	144	144	144
Catanduanes	12	12	12	..	12	12	12	12	12	12
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	6	7	7	7	7	7	7	7	7	7
Western Visayas	31	31	30	30	30	30	30	29	24	24
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	7	7	7	7	7	7	7	6	..	..
Guimaras	1	1	1	1	1	1	1	1	2	2
Iloilo	3	3	2	2	2	2	2	2	2	2
Negros Occidental	20	20	20	20	20	20	20	20	20	20
Central Visayas	28	26	16	16	16	15	15	15	15	15
Bohol	16	16	16	16	16	15	15	15	15	15
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	12	10	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	47	48	50	51	51	51	56	56	47	45
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	10	10	10	10	10	10	10	10	10	8
Leyte	30	31	33	34	34	34	38	38	31	31
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	7	7	7	7	7	7	8	8	6	6
Zamboanga Peninsula	41	40	39	38	32	21	14	12	12	7
Zamboanga del Norte	27	26	26	26	20	10	3	3	3	..
Zamboanga del Sur	12	12	11	10	11	11	11	9	9	7
Zamboanga Sibugay	2	2	2	2	1	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	62	62	60	60	60	49	47	47	46	39
Bukidnon	26	26	26	26	26	15	15	15	15	15
Camiguin	1	1	1	1	1	1	1	1	1	1
Lanao del Norte	23	23	23	23	23	23	23	23	23	16
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	12	12	10	10	10	10	8	8	7	7
Davao Region	251	249	246	240	232	221	213	177	173	164
Davao del Norte	45	44	43	42	41	40	39	38	36	35
Davao del Sur	6	5	5	4	2	2	2	2	2	2
Davao Oriental	40	40	40	37	32	32	31	30	30	29
Compostela Valley	60	60	58	57	57	57	55	22	22	22
Davao City	100	100	100	100	100	90	86	85	83	76
SOCCSKSARGEN	22	21	20	21	21	23	24	24	24	25
North Cotabato	11	10	9	9	9	9	9	9	9	9
Sarangani	4	4	4	4	4	5	5	5	5	5
South Cotabato	3	3	3	4	4	4	4	4	4	5
Sultan Kudarat	4	4	4	4	4	5	6	6	6	6
Caraga	75	75	72	71	68	52	48	46	45	43
Agusan del Norte	10	10	8	7	5	3	..	..	..	..
Agusan del Sur	50	50	50	50	49	49	48	46	45	43
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	15	15	14	14	14	..	..	..	..	..
ARMM	77	77	77	76	70	68	70	70	70	70
Basilan	16	16	16	16	16	16	18	18	18	18
Lanao del Sur	4	4	4	4	4	4	4	4	4	4
Maguindanao	5	5	5	5	..	..	..	..	..	..
Sulu	52	52	52	51	50	48	48	48	48	48
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Papaya										
Philippines	9,280	9,125	9,175	8,904	8,751	8,647	8,585	8,399	7,918	7,748
NCR										
CAR	225	223	217	217	208	207	209	212	203	202
Abra	61	61	61	61	61	60	60	60	60	60
Apayao	9	9	8	8	7	7	7	9	7	7
Benguet	46	46	46	46	46	45	45	45	45	45
Ifugao	12	15	15	15	15	15	16	16	16	16
Kalinga	69	66	65	65	60	61	62	62	55	53
Mountain Province	28	26	22	22	19	19	19	20	20	21
Ilocos Region	334	341	320	316	298	303	308	312	312	308
Ilocos Norte	99	98	97	96	93	88	88	87	87	83
Ilocos Sur	61	61	60	62	56	60	62	67	67	67
La Union	38	41	33	31	25	24	27	27	27	27
Pangasinan	136	141	130	127	124	130	131	131	131	131
Cagayan Valley	447	440	443	433	423	396	418	443	443	403
Batanes	..	..	..	..	..	..	21	21	17	15
Cagayan	227	227	225	214	208	208	208	218	222	182
Isabela	108	101	106	106	101	75	77	77	85	85
Nueva Vizcaya	51	51	51	52	52	51	50	50	43	43
Quirino	61	61	61	61	62	62	62	77	77	78
Central Luzon	617	639	659	671	692	697	692	694	658	663
Aurora	68	69	74	75	86	88	86	86	67	69
Bataan	15	15	15	15	15	15	15	16	17	17
Bulacan	170	179	194	201	209	213	213	213	195	195
Nueva Ecija	190	205	208	211	211	211	211	211	211	211
Pampanga	121	121	121	120	120	120	120	118	118	118
Tarlac	23	23	23	23	23	23	23	23	23	23
Zambales	30	27	24	26	28	27	24	27	27	30
CALABARZON	1,073	718	711	691	641	664	662	647	634	615
Batangas	39	30	33	28	38	39	40	22	23	23
Cavite	341	282	290	290	290	307	306	308	301	288
Laguna	301	102	81	80	82	92	92	93	86	80
Quezon	340	252	252	238	179	174	172	172	172	172
Rizal	52	52	55	55	52	52	52	52	52	52
MIMAROPA	334	347	351	354	367	375	384	389	381	382
Marinduque	7	7	7	7	7	7	7	7	7	7
Occidental Mindoro	100	106	107	108	113	116	119	125	129	130
Oriental Mindoro	58	61	61	58	58	58	58	56	56	58
Palawan	103	106	109	115	123	129	134	136	136	138
Romblon	66	67	67	66	66	65	65	64	53	49
Bicol Region	557	584	588	581	587	580	564	543	536	503
Albay	103	103	102	102	98	98	94	81	81	76
Camarines Norte	111	144	149	140	147	140	130	122	115	102
Camarines Sur	182	164	164	166	166	166	166	166	166	163
Catanduanes	14	14	14	14	14	14	14	14	14	14
Masbate	14	20	20	20	21	21	21	21	21	9
Sorsogon	133	139	139	139	141	141	139	139	139	139
Western Visayas	823	826	808	725	752	765	752	767	673	676
Aklan	205	200	200	89	95	90	90	90	32	32
Antique	90	90	90	92	100	90	90	87	85	84
Capiz	63	62	63	61	65	67	65	65	13	17
Guimaras	27	29	29	28	28	28	30	31	30	30
Iloilo	266	273	254	283	292	312	299	322	341	341
Negros Occidental	172	172	172	172	172	178	178	172	172	172
Central Visayas	471	404	390	382	364	348	339	331	284	275
Bohol	107	45	44	48	46	46	43	45	45	44
Cebu	175	175	173	171	168	173	175	169	140	133
Negros Oriental	136	131	128	124	112	92	84	81	66	65
Siquijor	53	53	45	39	38	37	37	37	33	32
Eastern Visayas	455	459	470	477	478	479	474	471	416	416
Biliran	75	76	78	79	79	79	79	79	62	62
Eastern Samar	105	107	107	107	107	105	98	98	98	98
Leyte	73	73	82	86	86	86	93	93	60	60
Northern Samar	154	155	155	156	156	160	155	155	157	157
Southern Leyte	34	34	34	34	34	34	32	32	28	28
Samar (Western Samar)	14	14	14	15	16	15	17	15	12	12
Zamboanga Peninsula	617	615	619	607	614	621	619	614	457	455
Zamboanga del Norte	443	440	445	440	440	440	440	438	280	280
Zamboanga del Sur	54	56	52	50	52	52	50	49	50	51
Zamboanga Sibugay	18	19	22	22	27	35	34	34	34	33
Zamboanga City	102	100	100	95	95	94	95	93	93	91
Northern Mindanao	929	940	1,022	958	899	856	826	807	793	738
Bukidnon	66	60	123	95	164	164	158	157	157	156
Camiguin	5	6	7	6	6	6	6	6	6	6
Lanao del Norte	260	260	260	260	255	253	235	218	208	177
Misamis Occidental	31	30	30	30	29	29	27	29	29	22
Misamis Oriental	567	584	602	567	445	404	400	397	393	377
Davao Region	590	766	759	731	632	580	545	509	504	500
Davao del Norte	99	88	91	91	92	84	80	75	71	68
Davao del Sur	172	387	387	357	265	232	212	197	197	195
Davao Oriental	131	129	128	127	124	124	124	131	135	137
Compostela Valley	127	103	94	92	92	91	79	52	47	46
Davao City	61	59	59	64	59	49	50	54	54	54
SOCCSKSARGEN	1,384	1,399	1,365	1,332	1,387	1,379	1,396	1,385	1,352	1,345
North Cotabato	470	469	470	469	468	468	472	464	464	464
Sarangani	133	124	106	65	49	47	51	50	20	23
South Cotabato	736	764	747	756	828	822	832	830	828	819
Sultan Kudarat	45	42	42	42	42	42	41	41	40	40
Caraga	274	273	296	270	255	244	240	118	116	108
Agusan del Norte	181	181	187	181	176	176	169	36	36	34
Agusan del Sur	13	11	11	11	9	8	10	10	10	9
Dinagat Islands	..	..	..	..	..	..	..	5	4	4
Surigao del Norte	25	25	28	28	24	14	14	21	21	21
Surigao del Sur	55	56	70	50	46	46	47	47	45	40
ARMM	150	152	158	159	154	154	158	157	157	158
Basilan	25	25	25	25	25	25	27	27	27	27
Lanao del Sur	16	16	16	16	16	16	17	16	16	16
Maguindanao	39	40	44	44	40	41	41	42	42	43
Sulu	45	45	46	47	45	45	46	46	47	47
Tawi-tawi	25	26	27	27	28	27	27	26	25	25

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Pineapple										
Philippines	49,813	53,978	58,251	58,823	58,547	58,457	58,450	60,759	61,643	62,812
NCR										
CAR	124	122	115	117	117	114	117	111	109	109
Abra	3	3	3	3	3	3	3	3	3	3
Apayao	30	30	30	32	32	34	38	40	40	41
Benguet	42	41	41	41	41	40	40	40	40	40
Ifugao	9	10	11	11	11	11	11	11	12	12
Kalinga	25	25	21	21	21	18	18	10	8	8
Mountain Province	15	13	9	9	9	8	7	7	6	5
Ilocos Region	41	40	38	31	30	27	27	26	26	26
Ilocos Norte	27	25	22	14	12	10	10	9	8	8
Ilocos Sur	5	5	6	6	6	6	6	6	6	6
La Union	7	8	8	9	9	9	9	9	9	9
Pangasinan	2	2	2	2	2	2	2	2	2	2
Cagayan Valley	1,328	1,366	1,394	1,424	1,506	1,528	1,225	1,251	1,295	1,380
Batanes	..	..	..	..	..	..	8	9	7	4
Cagayan	627	650	658	600	632	652	642	652	697	697
Isabela	435	450	470	548	598	600	300	315	316	307
Nueva Vizcaya	258	258	258	268	268	268	268	268	268	365
Quirino	8	8	8	8	8	8	7	7	7	7
Central Luzon	124	128	136	143	146	151	153	157	163	168
Aurora	77	78	85	90	92	97	98	102	112	115
Bataan	21	21	21	21	21	21	21	21	20	20
Bulacan	20	22	23	25	25	26	27	27	25	27
Nueva Ecija	2	3	3	3	3	2	2	2	1	1
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	4	4	4	4	5	5	5	5	5	5
CALABARZON	4,519	4,376	4,368	4,034	4,023	3,869	3,837	3,840	3,772	3,953
Batangas	10	10	11	15	20	25	25	19	4	6
Cavite	2,784	2,635	2,650	2,650	2,630	2,635	2,600	2,610	2,639	2,639
Laguna	1,590	1,590	1,595	1,262	1,264	1,100	1,101	1,102	1,020	1,025
Quezon	100	101	70	65	67	67	69	67	67	240
Rizal	35	40	42	42	42	42	42	42	42	43
MIMAROPA	43	49	52	58	66	70	73	75	77	82
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	4	5	5	4	5	5	4	5	6	8
Palawan	20	25	28	35	42	45	49	49	50	52
Romblon	19	19	19	19	19	20	20	21	21	22
Bicol Region	3,847	3,323	3,115	3,109	3,079	3,084	3,093	3,083	3,078	3,079
Albay	80	80	75	75	75	70	70	60	55	55
Camarines Norte	3,255	2,731	2,528	2,520	2,510	2,520	2,525	2,525	2,525	2,528
Camarines Sur	335	335	335	335	335	335	335	335	335	333
Catanduanes	4	4	4	4	4	4	4	4	4	4
Masbate	5	5	5	5	6	6	6	6	6	6
Sorsogon	168	168	168	170	149	149	153	153	153	153
Western Visayas	722	727	730	733	725	782	839	845	860	850
Aklan	26	24	19	18	18	16	12	12	4	7
Antique	12	14	15	16	16	16	16	17	17	17
Capiz	14	14	16	16	17	20	22	22	19	20
Guimaras	10	10	12	12	9	10	12	12	10	8
Iloilo	260	265	268	271	265	320	377	382	410	412
Negros Occidental	400	400	400	400	400	400	400	400	400	386
Central Visayas	451	443	443	452	451	452	452	474	470	467
Bohol	42	44	44	44	44	44	45	45	42	44
Cebu	7	7	7	7	6	6	6	4	4	3
Negros Oriental	400	390	390	399	399	400	399	424	424	420
Siquijor	2	2	2	2	2	2	2	2	1	0
Eastern Visayas	520	523	551	557	560	566	583	584	552	595
Biliran	44	44	44	46	46	46	46	45	40	35
Eastern Samar	26	28	29	30	30	32	32	32	25	25
Leyte	148	149	160	160	160	162	178	178	160	200
Northern Samar	5	5	5	5	6	6	6	6	6	6
Southern Leyte	244	244	260	261	265	267	275	277	277	285
Samar (Western Samar)	53	53	53	55	53	53	46	46	44	44
Zamboanga Peninsula	455	438	422	399	398	356	350	327	305	294
Zamboanga del Norte	274	275	280	280	280	246	245	240	240	240
Zamboanga del Sur	98	87	76	58	58	50	44	41	39	34
Zamboanga Sibugay	70	63	60	56	55	55	55	40	20	14
Zamboanga City	13	13	6	5	5	5	6	6	6	6
Northern Mindanao	18,734	18,924	18,994	20,847	21,547	21,979	21,593	23,108	24,100	25,444
Bukidnon	18,500	18,600	18,610	19,300	20,000	20,500	21,000	22,000	23,000	24,000
Camiguin	1	1	1	1	1	1	1	1	0	0
Lanao del Norte	128	128	128	128	128	120	100	102	95	95
Misamis Occidental	5	5	5	5	5	5	5	5	5	3
Misamis Oriental	100	190	250	1,413	1,413	1,353	487	1,000	1,000	1,346
Davao Region	2,071	2,074	2,064	2,060	2,053	2,052	2,033	1,978	1,978	1,870
Davao del Norte	45	49	50	50	48	47	46	42	44	45
Davao del Sur	12	11	8	7	6	6	5	5	5	6
Davao Oriental	58	58	55	52	48	47	45	38	40	38
Compostela Valley	125	125	120	120	120	120	105	68	65	57
Davao City	1,831	1,831	1,831	1,831	1,831	1,832	1,832	1,825	1,824	1,724
SOCCSKSARGEN	16,232	20,826	25,202	24,218	23,269	22,850	23,485	24,580	24,545	24,182
North Cotabato	80	65	50	50	48	49	49	115	135	135
Sarangani	635	2,800	2,800	2,300	1,440	982	942	885	784	635
South Cotabato	15,507	17,951	22,344	21,864	21,707	21,710	22,144	23,230	23,346	23,112
Sultan Kudarat	10	10	8	4	74	109	350	350	280	300
Caraga	530	543	545	527	488	488	499	230	219	225
Agusan del Norte	260	258	258	260	260	265	266	65	65	64
Agusan del Sur	145	160	160	140	143	145	150	85	80	93
Dinagat Islands	..	..	..	..	..	..	..	..	10	10
Surigao del Norte	40	40	41	41	35	28	28	30	19	15
Surigao del Sur	85	85	86	86	50	50	55	50	45	43
ARMM	71	76	81	115	89	90	92	91	93	88
Basilan	8	8	8	8	8	8	8	8	8	8
Lanao del Sur	35	40	45	45	55	55	57	57	60	56
Maguindanao	3	3	3	38	2	2	2	2	2	2
Sulu	9	9	9	9	9	10	11	11	10	10
Tawi-tawi	16	16	16	15	15	15	14	13	13	12

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Rambutan										
Philippines	5,444	5,631	5,669	5,672	5,743	5,849	5,889	6,173	6,263	5,494
NCR										
CAR	31	31	31	31	32	32	46	51	60	66
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	30	30	30	30	30	30	40	45	50	50
Benguet	..	..	..	..	..	..	..	..	..	5
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1	1	1	1	2	2	6	6	10	11
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	28	30	32	33	35	36	37	42	45	49
Ilocos Norte	8	8	8	8	8	8	8	9	11	13
Ilocos Sur	15	17	19	19	21	22	23	27	28	30
La Union	5	5	5	6	6	6	6	6	7	7
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	51	62	62	65	65	65	77	264	283	295
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	28	32	32	32	32	32	42	75	78	80
Isabela	3	3	3	3	3	3	5	9	25	30
Nueva Vizcaya	20	27	27	30	30	30	30	30	30	35
Quirino	..	..	..	..	..	..	..	150	150	150
Central Luzon	5	6	6	6	8	8	8	68	71	73
Aurora	5	6	6	6	8	8	8	8	10	12
Bataan	..	..	..	..	..	..	..	..	1	1
Bulacan	..	..	..	..	..	..	..	50	50	51
Nueva Ecija	..	..	..	..	..	..	..	10	10	10
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1,615	1,616	1,616	1,617	1,628	1,730	1,778	1,774	1,778	766
Batangas	35	40	40	40	45	45	50	45	50	50
Cavite	23	20	20	20	20	20	20	20	20	20
Laguna	1,550	1,550	1,550	1,550	1,550	1,652	1,652	1,653	1,652	640
Quezon	7	6	6	6	12	12	55	55	55	55
Rizal	..	..	..	1	1	1	1	1	1	1
MIMAROPA	718	718	704	673	675	672	665	682	682	878
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	702	700	684	650	648	645	637	654	654	850
Palawan	16	18	20	23	27	27	28	28	28	28
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	16	16	16	17	17	17	17	15	15	14
Albay	3	3	3	3	3	4	4	5	5	4
Camarines Norte	5	5	5	5	5	4	4	..	..	..
Camarines Sur	..	..	..	1	1	1	1	1	1	1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	8	8	8	8	8	8	8	9	9	9
Western Visayas	73	79	97	72	73	73	74	77	73	75
Aklan	33	35	35	10	10	10	10	10	6	6
Antique	..	3	1	1	2	2	3	3	3	4
Capiz	7	8	8	8	8	8	8	8	5	5
Guimaras	..	..	..	..	0	0	0	1	1	2
Iloilo	5	5	25	25	25	25	25	27	32	32
Negros Occidental	28	28	28	28	28	28	28	28	26	26
Central Visayas	13	15	16	33	45	47	49	49	49	51
Bohol	..	..	..	..	10	10	10	10	10	10
Cebu	..	..	..	..	1	1	2	2	2	3
Negros Oriental	13	15	16	32	33	35	36	36	36	37
Siquijor	..	..	..	1	1	1	1	1	1	1
Eastern Visayas	8	11	16	17	17	18	22	23	21	23
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	2	2	2	2	2	2	2	2	2
Leyte	4	4	9	9	9	10	12	12	9	9
Northern Samar	1	1	1	1	1	1	1	2	2	2
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	3	4	4	5	5	5	7	7	8	10
Zamboanga Peninsula	207	323	340	366	385	397	404	411	417	421
Zamboanga del Norte	146	250	260	275	293	295	301	305	311	315
Zamboanga del Sur	38	47	48	48	49	49	49	52	52	52
Zamboanga Sibugay	15	18	24	35	35	45	45	45	45	45
Zamboanga City	8	8	8	8	8	8	9	9	9	9
Northern Mindanao	184	185	185	186	186	186	186	187	189	189
Bukidnon	90	90	90	90	90	90	90	90	90	90
Camiguin	1	1	1	1	1	1	1	1	1	1
Lanao del Norte	38	38	38	38	38	38	38	38	38	38
Misamis Occidental	50	50	50	50	50	50	50	50	50	50
Misamis Oriental	5	6	6	7	7	7	7	8	10	10
Davao Region	689	723	724	730	739	748	749	492	496	508
Davao del Norte	157	165	167	167	172	174	174	171	175	182
Davao del Sur	45	45	45	50	53	50	50	50	50	50
Davao Oriental	10	10	9	10	11	25	25	25	25	25
Compostela Valley	339	365	365	365	365	365	365	110	110	115
Davao City	138	138	138	138	138	134	135	136	136	136
SOCCSKSARGEN	1,338	1,346	1,352	1,352	1,357	1,339	1,296	1,300	1,303	1,305
North Cotabato	1,000	1,000	1,000	1,000	1,000	980	935	935	935	935
Sarangani	30	31	31	31	32	33	33	35	35	35
South Cotabato	143	150	156	156	160	161	163	165	168	170
Sultan Kudarat	165	165	165	165	165	165	165	165	165	165
Caraga	441	443	445	449	455	455	455	712	756	756
Agusan del Norte	25	25	25	25	31	31	31	95	95	95
Agusan del Sur	405	405	406	410	410	410	410	410	453	453
Dinagat Islands	..	..	..	..	..	..	..	6	3	3
Surigao del Norte	2	2	2	2	2	2	2	51	55	55
Surigao del Sur	9	11	12	12	12	12	12	150	150	150
ARMM	27	27	27	27	27	27	27	27	26	26
Basilan	3	3	3	3	3	3	3	3	3	3
Lanao del Sur	16	16	16	16	16	16	16	16	16	16
Maguindanao	4	4	4	4	4	4	4	4	4	4
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	4	4	4	4	4	4	4	4	3	3

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tamarind Fruit										
Philippines	2,736	2,690	2,681	2,641	2,598	2,540	2,525	2,455	2,266	2,211
NCR										
CAR	..	10	10	10	10	10		10	10	10
Abra	..	10	10	10	10	10	10	10	10	10
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1,215	1,169	1,167	1,150	1,132	1,126	1,127	1,097	977	932
Ilocos Norte	1,000	956	956	945	931	931	931	902	793	749
Ilocos Sur	104	103	102	101	101	96	96	95	84	84
La Union	17	17	17	17	14	14	14	14	14	14
Pangasinan	94	93	92	87	87	86	87	86	86	86
Cagayan Valley	358	355	355	355	329	297	298	300	295	295
Batanes	..	..	..	..	..	..	1	1	1	1
Cagayan	95	95	95	95	95	95	95	97	98	98
Isabela	143	143	143	143	122	95	95	95	92	92
Nueva Vizcaya	88	85	85	85	80	75	75	75	72	72
Quirino	32	32	32	32	32	32	32	32	32	32
Central Luzon	189	190	188	183	185	187	187	183	183	187
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	70	65	63	58	58	58	58	55	55	60
Nueva Ecija	33	34	35	35	35	35	35	34	34	33
Pampanga	4	4	4	4	4	6	6	6	6	6
Tarlac	22	22	22	22	22	22	22	22	22	22
Zambales	60	65	64	64	66	66	66	66	66	66
CALABARZON	106	101	101	100	98	98	98	92	75	75
Batangas	40	40	40	40	39	39	39	33	16	16
Cavite	30	26	26	26	26	26	26	26	26	26
Laguna	15	15	16	15	15	15	15	15	15	15
Quezon	8	7	6	6	6	6	6	6	6	6
Rizal	13	13	13	13	12	12	12	12	12	12
MIMAROPA	101	99	97	93	93	92	91	91	91	91
Marinduque	15	15	15	15	15	15	15	15	15	15
Occidental Mindoro	11	11	11	11	11	11	11	11	12	12
Oriental Mindoro	2	2	2	2	2	2	2	2	2	2
Palawan	38	37	35	32	32	31	30	30	30	30
Romblon	35	34	34	33	33	33	33	33	32	32
Bicol Region	85	85	82	82	82	81	79	76	76	74
Albay	35	35	32	32	32	32	30	28	28	28
Camarines Norte	20	20	20	20	20	19	19	18	18	16
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	2	2	2	2	2	2	2	2	2	2
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	28	28	28	28	28	28	28	28	28	28
Western Visayas	132	135	134	133	131	131	130	130	111	109
Aklan	2	2	2	2	2	2	2	2	1	1
Antique	3	4	4	3	3	3	3	3	3	3
Capiz	6	7	7	8	8	8	8	8	7	7
Guimaras	64	64	63	62	60	60	60	60	50	48
Iloilo	31	32	32	32	32	32	31	31	30	30
Negros Occidental	26	26	26	26	26	26	26	26	20	20
Central Visayas	231	226	224	215	215	197	186	166	144	134
Bohol	85	80	80	80	80	80	80	70	70	60
Cebu	25	25	25	24	24	25	25	25	23	23
Negros Oriental	120	120	118	110	110	91	80	70	50	50
Siquijor	1	1	1	1	1	1	1	1	1	1
Eastern Visayas	24	27	29	30	30	29	28	27	21	21
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	..	2	2	2	2	2	2	2	2	2
Leyte	7	8	10	11	11	11	11	10	8	8
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	14	14	14	14	14	13	12	12	8	8
Samar (Western Samar)	2	2	2	2	2	2	2	2	2	2
Zamboanga Peninsula	98	97	98	98	99	103	103	102	102	102
Zamboanga del Norte	77	77	78	78	79	79	79	79	79	79
Zamboanga del Sur	11	11	11	11	11	11	11	11	11	11
Zamboanga Sibugay	2	1	1	1	1	5	5	5	5	5
Zamboanga City	8	8	8	8	8	8	8	7	7	7
Northern Mindanao	10	9	9	7	7	7	7	7	8	9
Bukidnon	2	2	2	2	2	2	2	2	2	2
Camiguin	1	1	1	0	0	0	0	0	0	0
Lanao del Norte	2	2	2	2	2	2	2	2	3	4
Misamis Occidental	1	1	1	1	1	1	1	1	1	1
Misamis Oriental	4	3	3	2	2	2	2	2	2	2
Davao Region	134	134	133	130	131	128	127	120	118	118
Davao del Norte	12	12	13	13	14	14	14	13	13	13
Davao del Sur	89	89	89	87	87	87	87	87	85	85
Davao Oriental	5	5	5	5	5	6	5	6	6	6
Compostela Valley	20	20	18	17	17	17	17	9	9	9
Davao City	8	8	8	8	8	4	4	5	5	5
SOCCSKSARGEN	42	42	43	43	45	44	44	45	45	46
North Cotabato	16	16	16	16	15	14	13	10	10	10
Sarangani	15	15	15	15	16	16	16	17	17	18
South Cotabato	7	7	8	8	10	10	10	14	14	14
Sultan Kudarat	4	4	4	4	4	4	4	4	4	4
Caraga	6	6	6	6	6	6	6	6	6	6
Agusan del Norte	1	1	1	1	1	1	1	1	1	1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	4	4	4	4	4	4	4	4	4	4
Surigao del Sur	1	1	1	1	1	1	1	1	1	1
ARMM	5	5	5	5	4	4	4	3	3	3
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	3	3	3	3	2	2	2	2	2	2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	2	2	2	2	2	2	2	1	1	1

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Watermelon										
Philippines	6,910	7,234	6,246	6,237	6,703	6,102	6,245	6,913	7,020	7,357
NCR										
CAR	20	20	20	20	20	20	20	20	20	20
Abra	20	20	20	20	20	20	20	20	20	20
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1,257	1,166	1,033	944	885	884	891	906	910	927
Ilocos Norte	170	170	172	184	190	191	196	204	204	206
Ilocos Sur	37	38	38	35	44	39	42	46	49	49
La Union	27	29	26	17	18	16	21	22	23	38
Pangasinan	1,023	929	797	708	633	638	632	634	634	634
Cagayan Valley	459	670	701	652	633	568	546	542	320	329
Batanes	..	..	..	..	..	..	5	4	4	2
Cagayan	362	536	557	532	536	459	459	464	243	250
Isabela	87	128	138	117	97	106	81	72	72	74
Nueva Vizcaya	10	6	6	3	..	3	2	2	1	3
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1,368	1,466	1,040	1,014	1,035	998	1,006	1,096	1,035	1,044
Aurora	2	3	4	5	11	13	14	6	4	5
Bataan	90	90	89	88	90	88	87	85	80	78
Bulacan	139	186	100	100	110	70	68	143	72	100
Nueva Ecija	925	985	657	635	638	636	635	635	632	624
Pampanga	50	52	52	53	53	60	62	67	67	62
Tarlac	40	40	45	55	58	58	50	52	65	60
Zambales	122	110	93	78	75	73	90	108	115	115
CALABARZON	207	220	224	242	291	224	200	200	199	168
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	6	6	10	20	30	29	29	29	25	11
Laguna	91	97	92	92	126	65	51	46	51	58
Quezon	100	103	105	113	115	110	100	105	103	79
Rizal	10	14	17	17	20	20	20	20	20	20
MIMAROPA	176	183	193	195	206	208	233	248	273	293
Marinduque	33	33	38	38	37	35	35	36	36	37
Occidental Mindoro	22	22	29	28	34	40	46	63	78	87
Oriental Mindoro	10	15	14	15	19	17	35	25	34	43
Palawan	98	101	100	102	103	103	103	110	110	111
Romblon	13	12	12	12	13	13	14	14	15	15
Bicol Region	347	393	158	163	187	176	168	165	159	164
Albay	30	30	25	26	26	26	24	20	10	10
Camarines Norte	244	259	117	120	126	123	125	126	126	131
Camarines Sur	60	90	2	1	20	12	4	4	8	8
Catanduanes	3	3	3	3	3	3	3	3	3	3
Masbate	1	1	2	3	4	4	4	4	4	4
Sorsogon	9	10	10	10	8	8	8	8	8	9
Western Visayas	1,877	1,835	1,646	1,741	2,185	1,959	2,068	2,546	2,842	3,099
Aklan	5	23	15	21	22	20	32	7	12	18
Antique	47	48	44	36	40	35	30	31	32	33
Capiz	12	13	15	16	18	17	16	17	18	20
Guimaras	11	7	3	7	7	5	5	8	7	8
Iloilo	1,778	1,714	1,546	1,640	2,073	1,857	1,965	2,463	2,753	3,000
Negros Occidental	24	30	23	21	25	25	20	20	20	20
Central Visayas	38	45	52	53	50	31	35	42	47	44
Bohol	33	34	37	36	39	24	24	28	33	28
Cebu	1	5	6	9	9	6	10	11	12	13
Negros Oriental	3	4	8	7	2	..	..	2	2	2
Siquijor	1	2	2	1	1	1	1	1	1	1
Eastern Visayas	93	100	104	110	113	110	110	98	107	121
Biliran	8	8	9	8	4	3	3	3	2	2
Eastern Samar	5	6	6	7	7	7	8	8	6	12
Leyte	40	44	46	48	48	48	50	37	48	52
Northern Samar	3	6	6	6	6	6	6	7	7	7
Southern Leyte	25	25	25	27	34	34	34	33	31	32
Samar (Western Samar)	12	12	12	14	14	12	10	11	13	16
Zamboanga Peninsula	170	153	143	121	146	78	43	46	41	50
Zamboanga del Norte	84	82	43	31	43	25	2	10	8	13
Zamboanga del Sur	68	54	82	68	61	33	27	29	25	29
Zamboanga Sibugay	16	15	16	20	40	18	12	5	4	3
Zamboanga City	3	2	2	2	2	2	2	2	4	5
Northern Mindanao	207	226	221	224	241	224	236	266	286	302
Bukidnon	11	32	26	23	18	14	13	22	24	20
Camiguin	3	5	5	7	7	5	4	4	5	6
Lanao del Norte	163	161	161	161	175	179	184	191	186	200
Misamis Occidental	11	12	13	16	18	20	20	24	28	32
Misamis Oriental	19	16	16	17	23	6	15	25	43	44
Davao Region	93	132	129	157	160	183	175	185	230	218
Davao del Norte	18	24	22	19	23	26	30	41	49	42
Davao del Sur	23	34	43	70	75	82	84	90	96	90
Davao Oriental	20	42	36	38	32	50	40	32	56	58
Compostela Valley	14	14	10	12	13	17	14	16	23	23
Davao City	18	18	18	18	17	8	7	6	6	5
SOCCSKSARGEN	176	194	163	170	197	162	163	217	227	250
North Cotabato	31	36	31	31	32	29	23	20	22	25
Sarangani	22	17	14	16	18	16	18	20	20	17
South Cotabato	52	55	46	72	84	68	72	77	91	106
Sultan Kudarat	71	86	72	51	63	49	50	100	94	102
Caraga	369	366	352	368	294	262	330	312	294	290
Agusan del Norte	32	32	30	28	28	28	84	68	64	40
Agusan del Sur	14	20	17	17	25	9	10	15	24	30
Dinagat Islands	..	..	..	..	..	..	..	30	60	50
Surigao del Norte	305	295	285	300	212	210	220	178	135	154
Surigao del Sur	18	19	20	23	29	15	16	21	11	16
ARMM	54	66	68	64	61	16	22	26	30	40
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	6	6	6	6	6	6	6	8	8	8
Maguindanao	44	56	58	58	55	10	16	18	22	32
Sulu	4	4	4	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Asparagus										
Philippines	1,524	970	706	536	368	349	368	306	305	305
NCR										
CAR	1	1	1	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1	1	1	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0	..	..	2	2	2	2	2	2	3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	0	..	..	2	2	2	2	2	2	3
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0	0	0	0	0	0	0	0	0	0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	0	0	0	0	0	0	0	0	0	0
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	2	3	5	5	4	5	5	4	3	2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	2	3	5	5	4	5	5	4	3	2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	210	211	5	5	4	2	1	..	..	..
Bukidnon	210	211	5	5	4	2	1	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	1,310	755	695	525	358	340	360	300	300	300
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	100	..	..	..	..	..	..	..	..	..
South Cotabato	1,210	755	695	525	358	340	360	300	300	300
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Ampalaya										
Philippines	10,648	10,963	11,084	11,038	11,129	10,877	10,896	10,834	10,681	10,633
NCR										
CAR	102	103	103	104	105	104	107	111	113	112
Abra	69	69	69	69	69	69	69	69	69	69
Apayao	4	4	4	4	4	3	7	11	13	13
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	13	13	13	13	12	12	12	12	12	12
Kalinga	15	16	16	17	19	19	18	18	18	18
Mountain Province	1	1	1	1	1	1	1	1	1	..
Ilocos Region	1,185	1,216	1,292	1,252	1,251	1,235	1,234	1,214	1,214	1,215
Ilocos Norte	401	404	408	402	403	403	405	409	404	398
Ilocos Sur	119	122	147	139	145	145	145	147	150	155
La Union	297	302	316	304	304	306	312	315	316	318
Pangasinan	368	388	421	407	399	381	372	343	344	344
Cagayan Valley	1,171	1,199	1,231	1,242	1,147	1,148	1,147	1,164	1,134	1,102
Batanes	..	..	..	..	..	..	4	3	3	2
Cagayan	302	318	328	303	233	238	241	250	247	207
Isabela	409	413	429	468	467	465	470	480	452	461
Nueva Vizcaya	409	416	423	418	399	395	392	389	390	391
Quirino	51	52	51	53	48	50	40	42	42	42
Central Luzon	1,967	2,009	1,944	1,958	2,002	1,948	1,957	1,931	1,918	1,912
Aurora	47	49	52	55	59	60	59	58	60	46
Bataan	28	28	28	28	28	28	26	26	26	26
Bulacan	235	263	272	273	278	283	289	279	286	300
Nueva Ecija	850	847	778	783	827	827	827	827	830	830
Pampanga	631	635	630	630	622	560	560	550	525	525
Tarlac	106	106	103	103	103	105	105	100	98	95
Zambales	70	81	81	86	85	85	91	91	93	90
CALABARZON	2,336	2,365	2,370	2,359	2,362	2,369	2,350	2,338	2,319	2,319
Batangas	305	303	306	286	288	330	297	306	302	302
Cavite	283	289	290	290	296	297	162	296	296	295
Laguna	159	161	161	164	165	165	306	157	153	156
Quezon	1,571	1,592	1,593	1,599	1,593	1,557	20	1,558	1,547	1,545
Rizal	18	20	20	20	20	20	1,565	21	21	21
MIMAROPA	212	210	226	232	246	248	254	258	273	283
Marinduque	13	13	14	14	13	14	100	14	15	15
Occidental Mindoro	90	90	95	94	100	96	30	102	105	109
Oriental Mindoro	29	27	29	30	33	34	14	32	38	39
Palawan	49	49	56	61	66	70	35	75	79	82
Romblon	31	31	32	33	33	34	75	36	36	37
Bicol Region	258	427	428	426	427	417	421	423	422	424
Albay	75	77	77	77	77	75	75	78	78	78
Camarines Norte	47	50	47	43	43	41	43	43	43	43
Camarines Sur	109	179	180	181	182	175	176	176	175	177
Catanduanes	2	2	2	2	2	2	2	2	2	2
Masbate	11	104	107	108	111	112	112	112	112	112
Sorsogon	14	15	15	15	12	12	13	12	12	12
Western Visayas	330	349	351	348	368	381	386	357	373	385
Aklan	28	31	35	36	38	38	40	33	32	33
Antique	34	38	35	33	36	36	39	38	40	40
Capiz	68	67	67	60	66	69	74	59	64	68
Guimaras	13	14	19	20	17	17	18	17	17	19
Iloilo	97	103	98	106	114	123	118	115	125	128
Negros Occidental	90	96	97	93	97	97	97	95	95	97
Central Visayas	796	785	808	812	856	701	667	662	609	595
Bohol	249	254	273	282	330	200	193	196	198	196
Cebu	254	237	234	234	230	223	216	215	193	184
Negros Oriental	287	286	293	287	288	269	249	241	210	207
Siquijor	6	8	8	9	8	9	9	11	8	8
Eastern Visayas	267	269	269	277	279	284	297	282	260	266
Biliran	12	12	13	12	13	14	14	14	10	10
Eastern Samar	11	12	12	12	12	12	12	12	12	14
Leyte	146	148	147	153	156	157	170	160	140	145
Northern Samar	18	18	18	18	18	18	18	18	18	23
Southern Leyte	31	31	31	34	35	37	38	38	38	38
Samar (Western Samar)	48	48	48	48	46	46	45	41	42	37
Zamboanga Peninsula	711	703	713	662	707	695	700	675	633	621
Zamboanga del Norte	62	62	67	69	71	77	77	60	61	53
Zamboanga del Sur	107	107	106	105	101	96	94	95	96	96
Zamboanga Sibugay	34	34	37	40	40	37	40	28	24	25
Zamboanga City	508	500	503	448	495	485	489	492	452	447
Northern Mindanao	485	473	481	489	487	506	517	526	529	530
Bukidnon	65	67	67	71	68	74	77	78	78	79
Camiguin	9	10	11	11	12	12	11	10	9	10
Lanao del Norte	99	106	107	108	110	112	114	116	116	115
Misamis Occidental	46	46	49	52	53	53	54	56	56	56
Misamis Oriental	266	244	247	247	244	255	261	266	270	270
Davao Region	399	400	408	414	414	391	403	426	429	418
Davao del Norte	69	70	71	69	66	65	67	67	66	54
Davao del Sur	85	85	89	89	91	91	91	93	92	93
Davao Oriental	58	54	54	56	56	56	56	58	61	61
Compostela Valley	77	81	83	89	91	89	84	102	104	104
Davao City	110	110	111	111	110	90	105	106	106	106
SOCCSKSARGEN	215	219	229	237	240	242	243	250	247	243
North Cotabato	111	116	116	119	119	120	123	125	125	121
Sarangani	26	26	26	26	25	26	25	25	25	31
South Cotabato	32	30	39	42	45	47	45	47	46	43
Sultan Kudarat	46	47	48	50	51	50	50	52	51	49
Caraga	147	166	162	158	164	133	139	140	137	147
Agusan del Norte	23	27	25	22	22	13	12	17	17	23
Agusan del Sur	62	70	64	65	66	63	68	75	76	81
Dinagat Islands	..	..	..	..	..	..	..	3	3	3
Surigao del Norte	15	16	17	17	18	16	17	10	8	7
Surigao del Sur	47	53	56	54	58	41	42	35	34	34
ARMM	69	69	70	70	75	76	76	77	70	61
Basilan	12	12	12	11	11	11	11	11	11	11
Lanao del Sur	12	12	12	12	12	12	11	12	12	12
Maguindanao	16	15	15	15	17	17	18	18	19	10
Sulu	17	17	18	20	23	24	24	23	16	16
Tawi-tawi	12	13	13	13	12	13	13	13	12	12

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brocolli										
Philippines	229	240	259	269	267	293	305	303	306	285
NCR										
CAR	157	161	158	159	158	163	166	166	166	157
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	157	160	157	158	158	159	159	159	159	152
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	1	1	1	..	4	7	7	7	5
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	5	7	7	6	6
Batanes	..	..	..	..	..	..	0	0	0	0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	5	7	6	6	6
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	0	1	1	1	0	1	0	2	0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	0	1	1	1	0	1	0	2	0
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0	0	0	0	0	1	1	1	1	2
Aklan	0	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	0	0	0	0	0	1	1	1	1	2
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	4	4	9	13	15	16	19	16	15	14
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	2	2	2	3	2	0	..	..	..	..
Negros Oriental	2	2	7	10	13	15	19	16	15	14
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	68	72	86	92	89	105	107	109	113	103
Bukidnon	66	70	82	89	84	97	101	104	106	97
Camiguin	0	0	0	0	0	..	..	0	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	0
Misamis Oriental	2	2	4	3	5	8	6	5	7	6
Davao Region	..	..	2	2	2	2	2	2	2	2
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	2	2	2	2	2	2	2	2
SOCCSKSARGEN	..	2	3	3	2	2	2	2	2	2
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	2	3	3	2	2	2	2	2	2
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cabbage										
Philippines	7,323	8,502	8,596	8,483	8,561	8,550	8,531	8,414	8,310	8,179
NCR										
CAR	4,368	5,520	5,536	5,435	5,436	5,444	5,442	5,402	5,316	5,274
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	3,473	4,341	4,366	4,361	4,438	4,440	4,425	4,385	4,291	4,281
Ifugao	20	25	30	30	29	29	29	29	30	30
Kalinga	3	4	4	4	6	6	7	8	7	8
Mountain Province	872	1,150	1,136	1,040	964	969	981	980	988	955
Ilocos Region	382	371	367	342	367	369	367	369	372	375
Ilocos Norte	19	20	20	21	21	20	19	19	20	18
Ilocos Sur	362	350	345	320	345	347	347	349	351	355
La Union	1	1	1	2	2	2	1	2	1	1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	152	176	175	175	195	193	197	191	193	191
Batanes	..	..	..	..	..	..	4	3	3	3
Cagayan	32	42	43	48	74	73	73	75	72	74
Isabela	17	14	12	9	7	3	2	1	3	3
Nueva Vizcaya	103	120	120	118	115	116	118	112	115	111
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	2	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	2	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	110	131	123	127	130	133	132	127	130	125
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	25	42	44	43	44	52	53	50	51	49
Quezon	85	89	79	84	86	81	79	77	79	76
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	7	6	11	12	17	20	22	22	21	23
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	7	6	11	12	17	20	22	22	21	23
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	55	45	43	39	32	27	26	24	21	10
Albay	22	21	20	18	14	10	9	8	5	5
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	28	19	18	16	14	13	13	12	12	1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	5	5	5	5	4	4	4	4	4	4
Western Visayas	66	71	70	65	67	67	69	65	65	68
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	8	10	9	8	9	10	11	10	10	9
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	36	39	39	35	36	35	37	36	36	40
Negros Occidental	22	22	22	22	22	22	21	19	19	19
Central Visayas	691	704	698	723	749	759	704	709	694	651
Bohol	20	2	0	..	..	..	..	..	..	..
Cebu	566	592	598	606	624	637	577	585	570	524
Negros Oriental	105	110	100	117	125	122	127	124	124	127
Siquijor	..	..	..	..	0	..	..	0	0	0
Eastern Visayas	27	27	33	35	34	33	58	27	24	25
Biliran	13	13	14	14	13	13	13	12	12	12
Eastern Samar	..	..	..	..	..	..	25	..	..	..
Leyte	6	7	12	14	15	16	16	12	11	12
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	8	8	7	7	6	5	4	2	1	1
Zamboanga Peninsula	95	93	100	109	109	113	119	104	90	78
Zamboanga del Norte	16	15	17	20	20	21	22	18	16	12
Zamboanga del Sur	21	19	20	21	21	22	23	24	24	24
Zamboanga Sibugay	4	4	6	10	9	9	8	3	2	2
Zamboanga City	54	55	57	58	59	61	66	59	48	40
Northern Mindanao	392	415	490	511	490	490	494	499	519	510
Bukidnon	276	295	360	384	367	368	371	375	385	386
Camiguin	2	2	2	0	..	..	..	..	0	0
Lanao del Norte	32	34	35	34	33	30	24	20	17	16
Misamis Occidental	36	37	41	41	42	46	48	50	51	49
Misamis Oriental	46	47	52	52	48	46	51	54	66	59
Davao Region	675	625	635	611	616	601	592	581	577	584
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	329	341	355	341	346	346	351	350	354	359
Davao Oriental	8	6	5	3	3	3	1	..	..	..
Compostela Valley	48	41	38	30	29	22	17	12	10	12
Davao City	290	237	237	237	238	230	223	219	213	213
SOCCSKSARGEN	186	199	205	202	223	223	230	221	219	198
North Cotabato	120	130	132	132	152	153	157	146	145	131
Sarangani	29	29	23	17	16	14	13	13	12	4
South Cotabato	35	39	48	51	52	52	54	55	56	57
Sultan Kudarat	2	1	2	2	3	4	6	6	6	6
Caraga	38	38	35	21	18	4	8	5	2	3
Agusan del Norte	18	21	20	13	13	..	1	..	..	..
Agusan del Sur	10	9	7	5	4	4	7	5	2	3
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	10	8	8	3	2	1	1	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	79	79	77	77	79	75	71	69	67	67
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	19	19	19	19	19	19	20	18	17	17
Maguindanao	60	60	58	58	60	56	51	51	50	50
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Sweet Potato/Camote										
Philippines	118,829	117,584	116,465	114,380	109,438	103,704	101,087	94,844	88,968	85,843
NCR										
CAR	3,175	3,159	3,165	3,167	3,033	3,018	3,069	3,049	3,021	2,892
Abra	63	63	63	63	63	63	63	63	63	63
Apayao	8	10	12	15	15	15	18	21	27	29
Benguet	876	868	870	871	792	792	769	759	763	761
Ifugao	1,727	1,728	1,721	1,712	1,712	1,712	1,712	1,712	1,698	1,600
Kalinga	46	48	50	51	53	53	55	55	58	58
Mountain Province	455	442	449	455	399	383	452	439	412	381
Ilocos Region	3,244	3,195	2,982	2,996	3,060	3,015	3,017	2,990	2,995	3,003
Ilocos Norte	375	376	378	376	380	380	380	376	380	380
Ilocos Sur	314	293	279	296	299	307	309	310	310	313
La Union	459	483	490	486	536	560	569	574	577	582
Pangasinan	2,095	2,043	1,836	1,838	1,845	1,769	1,760	1,730	1,728	1,728
Cagayan Valley	2,685	2,395	2,305	2,127	1,843	1,751	1,736	1,650	1,483	1,432
Batanes	..	..	..	..	..	..	54	52	50	48
Cagayan	682	652	590	528	499	513	518	519	526	538
Isabela	973	708	678	625	391	305	231	153	79	67
Nueva Vizcaya	990	995	997	931	911	890	888	881	785	734
Quirino	40	40	40	43	42	43	45	45	43	45
Central Luzon	7,936	7,972	7,961	8,003	6,793	6,789	6,942	6,932	6,951	5,879
Aurora	376	381	384	385	392	394	396	401	409	405
Bataan	464	464	464	464	464	464	465	440	422	371
Bulacan	68	54	56	55	60	60	60	62	63	40
Nueva Ecija	189	213	215	217	217	217	216	216	216	210
Pampanga	562	564	555	555	540	525	533	530	503	503
Tarlac	6,180	6,182	6,182	6,180	4,980	4,980	5,100	5,100	5,150	4,150
Zambales	97	114	105	147	140	149	172	183	188	200
CALABARZON	4,571	4,567	4,019	4,000	3,865	3,862	3,851	3,954	3,936	3,942
Batangas	14	15	16	15	15	17	14	72	51	53
Cavite	207	199	190	190	192	192	194	196	196	194
Laguna	210	164	164	154	156	152	154	158	157	161
Quezon	4,014	4,081	3,541	3,533	3,397	3,405	3,393	3,432	3,436	3,438
Rizal	126	108	108	108	105	96	96	96	96	96
MIMAROPA	2,505	2,475	2,491	2,501	2,482	2,527	2,551	2,556	2,545	2,555
Marinduque	261	259	259	259	257	261	261	261	262	262
Occidental Mindoro	713	700	700	695	700	718	730	732	736	744
Oriental Mindoro	533	545	548	557	569	582	588	597	609	613
Palawan	730	730	738	741	745	753	758	758	762	765
Romblon	268	241	246	249	211	213	214	208	175	170
Bicol Region	19,689	19,904	19,908	19,892	19,603	19,422	19,454	18,978	18,039	17,583
Albay	5,954	5,960	5,960	5,944	5,830	5,700	5,700	5,700	5,150	5,150
Camarines Norte	209	220	218	216	216	215	216	220	220	220
Camarines Sur	8,660	8,779	8,782	8,782	8,602	8,598	8,626	8,588	8,555	8,550
Catanduanes	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,260
Masbate	995	1,002	1,005	1,007	1,012	1,012	1,012	1,012	1,012	1,012
Sorsogon	2,187	2,259	2,259	2,259	2,259	2,213	2,216	1,774	1,418	1,391
Western Visayas	6,903	6,775	6,575	6,750	6,648	6,709	6,748	6,639	6,641	6,754
Aklan	474	502	515	515	518	518	511	493	495	492
Antique	813	615	532	585	567	553	544	514	500	492
Capiz	710	675	660	657	645	635	625	608	596	600
Guimaras	445	390	373	360	325	355	375	395	415	385
Iloilo	2,015	2,150	2,052	2,190	2,150	2,205	2,252	2,189	2,192	2,353
Negros Occidental	2,446	2,443	2,443	2,443	2,443	2,443	2,441	2,441	2,443	2,432
Central Visayas	15,103	13,812	13,467	12,501	11,548	10,237	8,432	7,301	5,968	5,638
Bohol	11,084	10,240	9,130	8,135	7,189	6,009	4,151	3,008	1,720	1,500
Cebu	2,280	1,830	2,175	2,180	2,170	2,170	2,205	2,262	2,195	2,189
Negros Oriental	1,583	1,585	2,001	2,030	2,035	1,910	1,929	1,919	1,969	1,870
Siquijor	156	157	161	156	154	148	147	112	84	79
Eastern Visayas	25,998	26,054	26,095	26,126	25,491	24,876	24,655	22,809	20,574	19,293
Biliran	462	461	456	446	433	421	406	366	301	306
Eastern Samar	2,259	2,261	2,264	2,266	2,266	2,272	2,274	2,270	2,213	2,189
Leyte	4,585	4,580	4,570	4,587	4,616	4,615	4,872	4,622	3,663	3,810
Northern Samar	7,493	7,543	7,590	7,590	7,624	7,710	7,310	7,170	6,770	5,716
Southern Leyte	4,032	4,042	4,048	4,070	4,115	3,627	3,647	3,630	3,130	3,135
Samar (Western Samar)	7,167	7,167	7,167	7,167	6,437	6,231	6,146	4,751	4,497	4,137
Zamboanga Peninsula	3,138	3,095	3,121	3,106	3,076	3,041	2,956	2,605	2,425	2,378
Zamboanga del Norte	349	347	374	381	367	367	368	372	372	322
Zamboanga del Sur	1,418	1,400	1,400	1,395	1,395	1,405	1,367	1,367	1,368	1,376
Zamboanga Sibugay	1,079	1,072	1,070	1,073	1,061	1,015	960	610	450	453
Zamboanga City	292	276	277	257	253	254	261	256	235	227
Northern Mindanao	2,653	2,577	2,599	2,587	2,602	2,644	2,674	2,717	2,731	2,709
Bukidnon	567	570	577	582	578	605	620	620	627	616
Camiguin	160	150	136	105	95	91	86	89	86	84
Lanao del Norte	1,241	1,256	1,256	1,257	1,272	1,279	1,290	1,306	1,312	1,307
Misamis Occidental	307	250	267	280	289	297	305	323	325	317
Misamis Oriental	378	351	363	363	368	372	373	379	382	385
Davao Region	4,152	4,097	4,131	4,174	4,155	3,833	3,742	3,729	3,717	3,738
Davao del Norte	756	740	757	769	756	757	749	740	722	724
Davao del Sur	1,105	1,105	1,116	1,139	1,138	838	838	839	839	844
Davao Oriental	676	678	678	670	665	665	658	658	663	663
Compostela Valley	1,343	1,300	1,306	1,320	1,320	1,300	1,224	1,216	1,218	1,224
Davao City	272	274	274	276	276	273	273	276	275	284
SOCCSKSARGEN	1,514	1,551	1,538	1,558	1,574	1,574	1,550	1,549	1,479	1,386
North Cotabato	1,177	1,219	1,226	1,240	1,252	1,256	1,261	1,261	1,190	1,105
Sarangani	127	127	127	131	127	127	107	106	104	102
South Cotabato	102	97	86	88	92	93	81	82	85	82
Sultan Kudarat	108	108	99	99	103	98	101	100	100	97
Caraga	13,048	13,428	13,568	12,323	11,099	7,915	7,229	5,149	4,746	4,762
Agusan del Norte	3,344	3,345	3,335	3,270	3,128	2,615	1,700	788	789	780
Agusan del Sur	2,500	2,850	2,994	2,735	2,608	1,910	2,419	2,298	2,320	2,310
Dinagat Islands	..	..	..	..	..	..	..	158	85	85
Surigao del Norte	3,117	3,124	3,113	3,058	2,343	1,480	1,200	542	170	205
Surigao del Sur	4,087	4,109	4,126	3,260	3,020	1,910	1,910	1,363	1,382	1,382
ARMM	2,516	2,528	2,540	2,570	2,566	2,491	2,481	2,238	1,718	1,899
Basilan	690	690	690	688	687	687	687	687	447	687
Lanao del Sur	1,115	1,115	1,130	1,170	1,170	1,170	1,165	930	930	930
Maguindanao	300	310	305	305	306	234	232	232	108	50
Sulu	135	137	141	137	136	136	136	130	89	89
Tawi-tawi	276	276	274	270	267	264	261	259	144	143

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Carrots										
Philippines	3,481	4,898	5,075	5,080	5,115	4,947	4,923	4,820	4,760	4,673
NCR										
CAR	1,793	3,269	3,382	3,373	3,453	3,359	3,356	3,328	3,318	3,277
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,589	2,788	2,800	2,795	2,926	2,927	2,938	2,913	2,903	2,889
Ifugao	11	30	49	49	48	48	48	48	48	48
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	193	451	533	529	479	384	370	367	367	340
Ilocos Region	0	1	1	1	1	1	1	1	1	0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0	1	1	1	1	1	1	1	1	0
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	129	123	119	116	110	103	96	93	92	90
Batanes	..	..	..	..	..	..	2	1	2	1
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	129	123	119	116	110	103	94	92	90	89
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2	2	2	2	2	2	1	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	2	2	2	2	2	2	1	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	2	3	3	4	4	8	8	7	7	6
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	0	0	1	1	1	1
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	2	3	3	4	4	8	7	6	6	6
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	1	1	1
Marinduque	..	..	..	..	..	..	..	1	1	1
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	4	4	5	5	5	5	5
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	4	4	5	5	5	5	5
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	18	20	21	21	24	24	23	24	25	25
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	1	2	2	4	4	3	4	4	4
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	8	9	9	9	10	11	10	11	12	11
Negros Occidental	10	10	10	10	10	10	10	10	10	10
Central Visayas	819	770	815	832	788	699	690	621	584	570
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	540	480	458	466	419	357	345	344	312	308
Negros Oriental	279	290	357	366	369	342	345	277	272	262
Siquijor	..	..	..	..	..	..	..	0	..	..
Eastern Visayas	3	3	4	4	4	4	4	4	4	4
Biliran	3	3	4	4	4	4	4	4	4	4
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	82	78	87	89	90	94	95	92	82	73
Zamboanga del Norte	16	16	21	23	25	27	26	24	22	18
Zamboanga del Sur	9	9	9	8	8	7	5	6	7	8
Zamboanga Sibugay	3	3	4	5	5	6	6	3	3	3
Zamboanga City	54	50	53	53	52	55	58	59	50	45
Northern Mindanao	108	117	131	141	140	137	136	131	132	123
Bukidnon	82	89	95	105	103	99	104	100	102	95
Camiguin	0	0	..	..	..	..	..	..	..	..
Lanao del Norte	11	12	13	12	12	11	9	8	6	5
Misamis Occidental	7	10	16	19	20	20	19	21	20	20
Misamis Oriental	8	6	7	5	5	7	5	3	4	3
Davao Region	389	376	369	350	351	362	354	362	360	350
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	219	233	231	245	248	265	272	275	275	268
Davao Oriental	10	9	9	9	9	9	9	11	12	12
Compostela Valley	110	97	92	60	59	56	39	44	40	36
Davao City	50	37	37	36	35	32	34	32	33	34
SOCCSKSARGEN	133	134	140	143	143	147	154	151	149	149
North Cotabato	53	52	53	54	57	60	65	65	67	67
Sarangani	59	60	60	61	57	57	58	54	52	53
South Cotabato	15	18	22	22	23	24	24	24	22	21
Sultan Kudarat	6	4	5	6	6	6	8	8	8	8
Caraga	2	2	2	2	1	2	..	1	2	..
Agusan del Norte	2	2	2	2	1	2	..	..	1	..
Agusan del Sur	..	..	..	..	..	..	..	1	1	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cassava										
Philippines	204,578	209,633	211,657	215,933	217,622	221,235	217,259	217,146	216,775	222,993
NCR										
CAR	400	294	307	312	317	313	489	632	655	659
Abra	16	16	16	16	16	16	16	16	16	16
Apayao	160	62	79	85	85	84	290	438	443	445
Benguet	158	154	152	151	156	153	121	112	112	112
Ifugao	12	18	18	18	18	18	18	19	36	31
Kalinga	20	22	24	25	26	26	28	31	32	38
Mountain Province	34	22	18	17	16	16	16	16	16	17
Ilocos Region	2,302	2,330	2,305	2,308	2,312	2,264	1,944	1,905	1,897	1,916
Ilocos Norte	528	524	498	468	468	411	392	395	399	403
Ilocos Sur	190	146	110	106	105	107	112	119	120	125
La Union	224	227	197	204	208	212	223	219	223	233
Pangasinan	1,360	1,433	1,500	1,530	1,532	1,534	1,217	1,172	1,155	1,155
Cagayan Valley	2,583	2,494	2,559	3,090	3,336	4,859	4,843	4,895	8,637	14,175
Batanes	..	..	..	..	..	..	4	4	5	4
Cagayan	1,322	1,177	983	929	933	946	946	986	1,023	1,310
Isabela	1,109	1,170	1,428	1,753	2,021	3,571	3,563	3,575	7,084	10,859
Nueva Vizcaya	125	120	118	104	117	120	130	130	145	173
Quirino	27	27	30	304	265	222	200	200	379	1,830
Central Luzon	1,175	1,169	1,175	1,188	1,207	1,312	1,577	1,681	1,786	1,935
Aurora	145	142	149	154	158	159	165	179	196	370
Bataan	46	46	46	46	46	46	200	200	198	196
Bulacan	52	52	47	52	57	56	103	95	103	103
Nueva Ecija	72	80	85	86	86	86	84	84	84	83
Pampanga	720	722	715	715	710	690	740	755	796	796
Tarlac	15	15	15	15	15	15	20	38	52	55
Zambales	125	112	118	120	135	260	265	330	357	332
CALABARZON	8,960	8,775	8,243	8,150	7,894	7,885	7,803	7,896	7,641	7,253
Batangas	1,077	991	938	853	850	972	940	1,019	979	885
Cavite	300	300	310	310	330	330	302	316	305	302
Laguna	157	134	135	134	136	140	147	152	150	154
Quezon	7,326	7,250	6,760	6,750	6,475	6,337	6,308	6,299	6,097	5,802
Rizal	100	100	100	103	103	106	106	110	110	110
MIMAROPA	2,222	2,248	2,330	2,378	2,346	2,389	2,471	2,602	2,600	2,618
Marinduque	75	76	76	77	76	80	80	81	82	82
Occidental Mindoro	486	514	535	548	552	562	567	569	574	578
Oriental Mindoro	444	445	450	451	463	474	485	566	589	610
Palawan	700	750	800	833	873	888	953	1,015	1,046	1,056
Romblon	517	463	469	470	382	385	386	371	309	292
Bicol Region	23,142	22,896	22,901	22,895	22,830	22,750	22,753	22,825	22,254	22,396
Albay	1,887	1,897	1,897	1,890	1,820	1,800	1,725	1,725	1,700	1,710
Camarines Norte	697	697	695	695	695	692	698	705	705	730
Camarines Sur	16,904	16,719	16,724	16,724	16,724	16,716	16,785	16,677	16,665	16,665
Catanduanes	90	90	90	90	90	90	90	90	90	156
Masbate	830	837	839	840	845	845	845	1,120	1,120	1,185
Sorsogon	2,734	2,656	2,656	2,656	2,656	2,607	2,610	2,508	1,974	1,950
Western Visayas	6,460	6,765	6,597	6,665	6,682	6,749	6,807	6,726	6,574	6,432
Aklan	789	779	773	780	784	783	780	727	635	633
Antique	381	404	384	405	392	395	394	409	417	426
Capiz	710	710	710	717	702	700	698	624	617	627
Guimaras	60	62	62	65	66	78	85	71	80	73
Iloilo	1,455	1,745	1,600	1,630	1,670	1,715	1,765	1,810	1,740	1,593
Negros Occidental	3,065	3,065	3,068	3,068	3,068	3,078	3,085	3,085	3,085	3,080
Central Visayas	10,594	11,334	11,641	13,701	15,131	15,894	11,521	10,624	8,759	9,400
Bohol	3,616	5,139	5,329	6,954	8,117	8,917	5,193	4,505	3,083	3,813
Cebu	3,195	2,520	2,532	2,534	2,450	2,423	2,483	2,395	2,445	2,420
Negros Oriental	2,750	2,650	2,750	3,200	3,555	3,669	3,160	3,262	2,749	2,680
Siquijor	1,033	1,025	1,030	1,013	1,009	885	685	462	482	487
Eastern Visayas	23,194	23,207	23,243	23,390	22,714	22,533	21,441	19,675	16,672	15,803
Biliran	675	661	654	642	625	617	560	505	429	432
Eastern Samar	2,159	2,161	2,172	2,173	2,173	2,173	2,173	2,172	2,058	2,054
Leyte	7,469	7,469	7,473	7,613	7,611	7,940	7,022	6,813	4,826	4,990
Northern Samar	2,520	2,543	2,564	2,564	2,575	2,600	2,420	2,340	2,140	2,200
Southern Leyte	4,758	4,760	4,767	4,785	4,840	4,420	4,440	4,440	4,080	4,088
Samar (Western Samar)	5,613	5,613	5,613	5,613	4,890	4,783	4,826	3,405	3,139	2,039
Zamboanga Peninsula	6,431	6,609	7,228	7,098	7,052	7,015	6,989	6,499	6,027	5,986
Zamboanga del Norte	1,731	1,717	1,765	1,721	1,659	1,620	1,579	1,350	1,098	1,060
Zamboanga del Sur	1,697	2,183	2,725	2,724	2,748	2,754	2,733	2,739	2,744	2,746
Zamboanga Sibugay	428	449	475	428	449	480	464	380	350	354
Zamboanga City	2,575	2,260	2,263	2,225	2,196	2,161	2,213	2,030	1,835	1,826
Northern Mindanao	12,013	15,351	16,326	18,933	20,938	24,358	24,440	25,168	25,821	27,904
Bukidnon	6,460	8,650	8,800	11,020	11,510	13,700	13,750	16,150	16,550	18,221
Camiguin	183	217	240	272	280	272	252	273	273	266
Lanao del Norte	1,270	1,290	1,291	1,291	1,310	1,316	1,330	1,305	1,220	1,227
Misamis Occidental	1,000	1,214	1,545	1,810	1,888	1,897	2,048	1,830	1,760	1,650
Misamis Oriental	3,100	3,980	4,450	4,540	5,950	7,173	7,060	5,610	6,018	6,540
Davao Region	2,427	2,296	2,264	2,219	2,174	2,159	2,103	2,175	2,342	2,399
Davao del Norte	444	430	424	416	410	420	429	453	457	472
Davao del Sur	772	796	774	733	705	685	647	648	652	663
Davao Oriental	356	353	353	351	340	340	333	363	494	497
Compostela Valley	610	475	465	470	470	458	422	410	420	444
Davao City	245	242	248	249	249	256	272	301	319	323
SOCCSKSARGEN	1,916	1,933	1,905	1,884	1,984	2,111	2,215	3,497	4,282	4,128
North Cotabato	910	934	941	955	983	987	990	990	929	870
Sarangani	97	97	97	99	96	98	98	100	103	105
South Cotabato	742	739	707	670	735	831	952	2,250	3,090	2,988
Sultan Kudarat	167	163	160	160	170	195	175	157	160	165
Caraga	8,361	8,518	8,562	7,631	6,678	4,474	4,085	2,860	2,740	2,722
Agusan del Norte	980	985	975	1,160	1,068	950	770	510	488	425
Agusan del Sur	500	475	520	520	547	415	425	480	490	514
Dinagat Islands	..	..	..	..	..	..	..	140	166	166
Surigao del Norte	3,025	3,182	3,165	3,054	2,458	1,349	1,130	400	248	269
Surigao del Sur	3,856	3,876	3,902	2,897	2,605	1,760	1,760	1,330	1,348	1,348
ARMM	92,399	93,415	94,071	94,091	94,029	94,171	95,777	97,486	98,089	97,266
Basilan	17,215	17,215	17,221	17,223	17,224	17,469	17,474	17,479	17,479	17,479
Lanao del Sur	29,200	29,200	29,220	29,220	29,220	29,220	31,000	33,000	33,500	32,500
Maguindanao	810	805	805	805	815	718	700	745	850	1,000
Sulu	26,200	27,219	27,850	27,864	27,826	27,826	27,665	27,325	27,325	27,350
Tawi-tawi	18,974	18,976	18,975	18,979	18,944	18,938	18,938	18,937	18,935	18,937

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cauliflower										
Philippines	976	974	1,004	997	987	1,067	1,081	1,105	1,095	1,079
NCR										
CAR	343	345	345	344	340	341	339	334	332	329
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	340	342	342	341	337	338	337	332	330	328
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	3	3	3	3	3	3	2	2	2	1
Ilocos Region	451	443	443	409	421	423	422	439	438	440
Ilocos Norte	1	1	1	1	1	1	0	0	0	0
Ilocos Sur	450	442	442	408	420	422	422	438	438	440
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	23	23	23	34	30	100	101	96	95	85
Batanes	..	..	..	..	..	..	1	0	0	0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	23	23	23	34	30	100	100	96	95	85
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	8	7	6	5	5	5	4	3	1	1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	8	7	6	5	5	5	4	3	1	1
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	0	1	1	1	1	1	2	0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	0	1	1	1	1	1	2	0
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	2	2	2
Marinduque	..	..	..	..	..	..	..	2	2	2
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1	1	1	1	1	6	11	11	10	12
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	1	1	1	1	1	6	11	11	10	12
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	25	27	27	27	22	23	29	35	27	27
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	8	11	12	13	11	13	17	19	18	19
Negros Oriental	17	16	16	14	11	10	12	16	10	8
Siquijor	0	..	..	..	..	..	..	..	..	0
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	2	2	2	2	2	3	4	4	4	4
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	2	2	2	2	2	3	4	4	4	4
Northern Mindanao	54	62	91	109	104	112	117	125	129	124
Bukidnon	52	58	85	105	99	105	110	116	119	115
Camiguin	0	0	0	0	0	..	..	0	..	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	0
Misamis Oriental	2	4	6	4	5	7	7	9	10	9
Davao Region	37	35	34	33	33	26	25	25	24	23
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	18	16	15	15	15	15	15	15	15	14
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	5	5	5	4	4	2	3	4	4	4
Davao City	14	14	14	14	14	9	7	6	5	5
SOCCSKSARGEN	27	28	32	33	29	28	29	31	32	30
North Cotabato	9	8	8	8	7	7	7	8	9	9
Sarangani	8	8	8	8	7	5	5	5	5	4
South Cotabato	9	11	14	16	15	16	17	17	18	17
Sultan Kudarat	1	1	2	1	0	0	..	..	..	..
Caraga	..	..	..	..	..	..	0	1	0	0
Agusan del Norte	..	..	..	..	..	..	0	0	..	..
Agusan del Sur	..	..	..	..	..	..	..	0	0	0
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	5	2	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	5	2	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Eggplant										
Philippines	20,901	21,613	21,299	21,170	21,423	21,377	21,485	21,239	21,159	21,008
NCR										
CAR	137	138	135	134	134	133	137	142	147	147
Abra	59	59	59	59	59	59	59	59	59	59
Apayao	7	7	7	6	6	5	11	16	21	23
Benguet	2	2	2	2	2	2	2	2	2	3
Ifugao	31	31	29	29	29	29	29	29	30	30
Kalinga	33	34	33	34	34	34	33	33	32	31
Mountain Province	5	5	5	4	4	4	3	3	3	2
Ilocos Region	5,222	5,366	4,908	4,725	4,815	4,866	4,905	4,938	4,969	5,036
Ilocos Norte	561	567	572	596	603	611	620	627	640	648
Ilocos Sur	220	236	290	292	310	315	316	331	340	349
La Union	146	148	153	156	163	161	187	196	203	205
Pangasinan	4,295	4,415	3,894	3,680	3,738	3,780	3,781	3,785	3,787	3,835
Cagayan Valley	1,904	1,939	1,960	1,917	1,743	1,875	1,893	1,923	1,963	1,905
Batanes	..	..	..	..	..	..	4	3	3	4
Cagayan	875	897	883	787	647	726	740	750	743	661
Isabela	878	884	922	971	930	991	988	1,005	1,040	1,063
Nueva Vizcaya	91	96	93	95	105	105	109	111	123	123
Quirino	60	62	62	64	61	53	52	54	54	54
Central Luzon	2,830	2,890	2,894	2,898	2,908	2,914	2,938	2,718	2,786	2,843
Aurora	82	86	88	92	96	98	101	99	102	92
Bataan	106	106	106	106	106	106	106	106	105	105
Bulacan	120	135	142	144	150	153	153	148	155	198
Nueva Ecija	1,570	1,570	1,538	1,534	1,547	1,547	1,547	1,538	1,548	1,555
Pampanga	129	129	129	129	131	126	135	135	132	132
Tarlac	745	773	805	805	785	785	785	574	620	640
Zambales	78	91	86	88	93	99	111	118	124	121
CALABARZON	1,607	1,731	1,762	1,712	1,775	1,877	1,803	1,798	1,752	1,515
Batangas	585	635	650	600	640	750	685	657	602	369
Cavite	70	77	79	79	96	97	86	85	85	85
Laguna	120	177	173	165	170	160	157	156	159	155
Quezon	766	774	792	800	801	800	805	830	836	836
Rizal	66	68	68	68	68	70	70	70	70	70
MIMAROPA	915	897	919	926	956	984	988	963	980	1,029
Marinduque	183	182	183	183	179	182	182	182	180	180
Occidental Mindoro	438	428	437	439	455	470	476	447	455	482
Oriental Mindoro	59	58	60	60	69	76	69	74	77	95
Palawan	123	128	137	141	148	149	155	153	160	163
Romblon	112	101	102	103	104	107	105	107	109	110
Bicol Region	1,134	1,353	1,362	1,359	1,383	1,355	1,363	1,359	1,359	1,363
Albay	358	365	365	360	368	363	363	363	363	363
Camarines Norte	46	49	46	44	44	43	45	45	45	45
Camarines Sur	594	670	672	675	686	667	673	673	673	672
Catanduanes	11	11	11	11	11	11	11	11	11	18
Masbate	65	196	206	207	214	214	214	214	214	214
Sorsogon	60	62	62	62	60	57	57	53	53	51
Western Visayas	1,404	1,459	1,384	1,428	1,469	1,495	1,527	1,478	1,516	1,552
Aklan	36	36	37	39	41	41	39	38	40	41
Antique	39	64	64	68	76	76	78	80	81	78
Capiz	102	103	105	105	107	110	119	90	106	103
Guimaras	22	24	29	30	26	26	27	26	28	26
Iloilo	808	835	752	789	818	835	855	835	852	895
Negros Occidental	397	397	397	397	401	407	409	409	409	409
Central Visayas	1,750	1,713	1,750	1,807	1,918	1,649	1,632	1,642	1,401	1,393
Bohol	443	469	487	510	637	390	418	423	406	405
Cebu	980	920	937	955	943	944	894	852	705	705
Negros Oriental	305	300	300	315	313	289	296	355	280	273
Siquijor	22	24	26	27	25	26	24	12	10	10
Eastern Visayas	332	338	339	340	343	352	355	344	324	328
Biliran	13	13	16	17	18	23	23	22	21	22
Eastern Samar	64	66	69	69	69	69	70	68	66	64
Leyte	164	165	161	160	162	163	165	164	146	150
Northern Samar	30	30	30	30	31	31	31	30	31	33
Southern Leyte	28	30	31	32	32	33	32	32	31	31
Samar (Western Samar)	34	34	32	32	31	33	33	28	29	28
Zamboanga Peninsula	529	527	532	530	594	593	602	559	545	500
Zamboanga del Norte	91	92	98	103	107	110	109	86	88	64
Zamboanga del Sur	80	78	70	61	64	59	56	60	60	59
Zamboanga Sibugay	38	41	46	56	107	103	109	100	81	62
Zamboanga City	320	316	318	310	316	321	328	313	316	315
Northern Mindanao	708	722	755	773	775	795	814	831	839	828
Bukidnon	168	171	175	180	175	185	195	195	198	192
Camiguin	16	18	19	17	18	17	16	16	16	16
Lanao del Norte	240	243	244	246	248	250	252	256	256	252
Misamis Occidental	101	101	115	132	132	137	142	144	144	145
Misamis Oriental	183	189	202	198	202	206	209	220	225	223
Davao Region	1,132	1,177	1,193	1,211	1,219	1,173	1,162	1,174	1,162	1,140
Davao del Norte	337	347	346	344	348	338	345	345	310	288
Davao del Sur	58	67	68	73	78	83	90	91	94	90
Davao Oriental	178	179	179	180	180	180	181	181	198	198
Compostela Valley	223	227	243	257	257	252	223	230	233	237
Davao City	336	357	357	357	356	320	323	327	327	327
SOCCSKSARGEN	558	570	613	621	624	631	638	626	642	641
North Cotabato	378	390	429	435	434	440	442	407	420	419
Sarangani	50	48	48	49	47	49	49	50	51	53
South Cotabato	60	59	63	63	68	68	71	93	98	95
Sultan Kudarat	70	73	73	74	75	74	75	76	74	74
Caraga	530	574	579	571	544	468	499	510	560	574
Agusan del Norte	41	43	38	33	34	31	31	37	39	45
Agusan del Sur	400	440	448	445	416	355	385	385	440	450
Dinagat Islands	..	..	..	..	..	..	..	3	3	3
Surigao del Norte	18	18	18	19	17	9	10	12	6	5
Surigao del Sur	71	73	75	74	77	73	74	73	72	72
ARMM	210	218	215	218	225	219	230	236	215	215
Basilan	11	11	11	12	14	16	17	18	18	18
Lanao del Sur	28	28	28	28	28	28	29	34	33	33
Maguindanao	142	150	145	145	150	140	146	146	145	146
Sulu	21	21	23	23	23	25	27	27	11	10
Tawi-tawi	8	8	9	10	10	11	11	11	8	8

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gabi										
Philippines	18,155	18,215	18,168	17,882	16,998	16,827	16,362	15,819	15,384	15,345
NCR										
CAR	450	449	446	449	421	420	425	434	441	440
Abra	19	19	19	19	19	19	19	19	19	19
Apayao	6	8	8	11	12	12	15	22	27	27
Benguet	374	375	376	377	349	349	349	349	349	348
Ifugao	26	27	27	27	26	26	26	26	26	26
Kalinga	11	12	12	12	12	12	15	17	19	19
Mountain Province	14	8	4	3	3	2	1	1	1	1
Ilocos Region	452	473	483	506	495	494	492	477	479	471
Ilocos Norte	155	155	157	154	155	152	152	152	155	152
Ilocos Sur	6	11	14	16	16	18	21	21	22	22
La Union	88	95	102	104	105	112	114	114	113	116
Pangasinan	203	212	211	231	219	213	205	190	190	181
Cagayan Valley	1,803	1,788	1,749	1,715	1,644	1,691	1,685	1,699	1,689	1,699
Batanes	..	..	..	..	..	..	10	9	9	8
Cagayan	774	757	695	649	595	625	625	638	628	637
Isabela	678	675	690	693	673	683	686	688	689	689
Nueva Vizcaya	304	306	309	310	310	314	295	295	294	296
Quirino	47	50	55	63	66	69	69	69	69	69
Central Luzon	914	930	963	968	963	970	972	974	986	985
Aurora	149	150	151	152	155	156	156	157	175	176
Bataan	90	90	90	90	90	90	90	87	84	84
Bulacan	51	49	50	48	48	51	52	53	53	53
Nueva Ecija	144	141	136	133	132	132	132	132	132	130
Pampanga	305	306	300	300	290	283	277	275	268	268
Tarlac	42	42	73	73	73	75	77	77	80	80
Zambales	133	152	163	172	175	183	188	193	194	194
CALABARZON	1,043	1,042	1,022	1,009	989	985	983	932	856	831
Batangas	302	311	313	313	313	313	314	273	197	176
Cavite	35	34	35	34	45	43	46	47	46	47
Laguna	107	102	104	104	105	105	106	106	106	101
Quezon	599	595	570	558	526	524	517	506	507	507
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	643	659	669	681	685	704	712	716	730	710
Marinduque	102	100	101	101	99	102	102	101	102	102
Occidental Mindoro	16	15	14	16	18	20	22	23	25	26
Oriental Mindoro	316	332	337	345	349	357	363	369	380	358
Palawan	113	118	121	123	122	126	125	122	124	123
Romblon	96	95	96	96	97	99	101	101	99	101
Bicol Region	1,621	1,620	1,622	1,571	1,547	1,504	1,462	1,427	1,377	1,322
Albay	920	925	925	875	850	810	760	725	675	665
Camarines Norte	45	43	43	40	40	42	41	43	43	43
Camarines Sur	288	282	282	283	282	281	282	282	282	281
Catanduanes	91	91	91	91	91	91	91	91	91	48
Masbate	9	11	13	14	16	16	16	16	16	16
Sorsogon	268	268	268	268	268	264	272	270	270	269
Western Visayas	666	658	663	668	659	661	657	623	629	623
Aklan	207	208	210	211	209	207	205	173	181	181
Antique	123	105	99	103	103	104	100	102	102	104
Capiz	68	74	76	85	80	79	79	78	79	78
Guimaras	14	15	16	17	17	17	19	18	18	17
Iloilo	150	154	160	150	148	152	152	151	147	144
Negros Occidental	104	102	102	102	102	102	102	102	102	99
Central Visayas	2,298	2,271	2,209	1,964	1,482	1,408	1,156	1,150	1,049	1,025
Bohol	1,891	1,895	1,874	1,619	1,137	1,049	802	801	700	688
Cebu	202	175	181	185	181	184	178	168	166	160
Negros Oriental	186	184	137	142	146	155	156	162	164	159
Siquijor	19	17	17	18	18	20	20	19	19	18
Eastern Visayas	4,546	4,589	4,635	4,686	4,707	4,714	4,566	4,537	4,355	4,469
Biliran	232	232	233	232	234	181	181	172	161	162
Eastern Samar	28	29	29	29	29	29	30	30	30	27
Leyte	1,349	1,349	1,355	1,374	1,372	1,376	1,378	1,355	1,193	1,230
Northern Samar	2,170	2,207	2,243	2,243	2,259	2,284	2,124	2,124	2,133	2,228
Southern Leyte	438	443	445	448	453	468	473	473	473	479
Samar (Western Samar)	329	329	330	360	360	376	380	383	365	343
Zamboanga Peninsula	362	347	338	319	308	302	304	243	219	209
Zamboanga del Norte	100	98	99	97	93	89	89	87	87	80
Zamboanga del Sur	120	109	94	76	70	67	66	63	65	64
Zamboanga Sibugay	92	95	99	100	99	99	100	46	35	32
Zamboanga City	50	45	46	46	46	47	49	48	32	33
Northern Mindanao	253	270	275	278	280	291	297	300	303	303
Bukidnon	19	20	20	20	19	20	21	19	16	15
Camiguin	23	23	22	20	21	22	22	24	23	21
Lanao del Norte	126	131	131	127	130	132	132	132	134	137
Misamis Occidental	73	80	85	91	93	95	97	99	100	101
Misamis Oriental	12	16	17	20	17	22	25	27	30	29
Davao Region	356	352	341	343	345	397	401	421	436	436
Davao del Norte	37	38	36	36	37	39	41	40	42	38
Davao del Sur	90	81	72	72	70	70	70	69	69	66
Davao Oriental	43	41	41	41	41	41	41	41	42	42
Compostela Valley	163	168	170	172	173	175	164	180	187	190
Davao City	23	24	22	22	24	72	85	91	96	100
SOCCSKSARGEN	274	279	283	287	289	291	296	303	304	284
North Cotabato	217	220	223	223	225	228	231	240	242	222
Sarangani	27	27	27	30	30	30	30	26	26	26
South Cotabato	6	7	9	9	10	11	13	13	13	13
Sultan Kudarat	24	25	24	24	24	22	22	24	24	24
Caraga	2,321	2,335	2,315	2,286	2,041	1,856	1,822	1,450	1,401	1,411
Agusan del Norte	63	64	64	63	57	51	61	72	75	79
Agusan del Sur	1,250	1,260	1,244	1,243	1,258	1,167	1,195	1,015	1,035	1,050
Dinagat Islands	..	..	..	..	..	..	..	35	33	33
Surigao del Norte	836	839	833	830	585	508	435	175	100	91
Surigao del Sur	172	172	174	150	141	130	131	153	158	158
ARMM	155	153	154	151	143	137	132	131	133	129
Basilan	25	25	25	23	23	23	23	23	23	23
Lanao del Sur	48	48	48	48	48	48	47	46	46	46
Maguindanao	28	26	26	26	20	16	14	14	16	14
Sulu	51	51	52	52	50	48	46	46	46	44
Tawi-tawi	3	3	3	2	2	2	2	2	2	2

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Garlic										
Philippines	4,448	3,863	3,849	3,552	3,039	2,830	2,676	2,539	2,555	2,744
NCR										
CAR	19	18	14	13	12	8	8	7	7	7
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	10	9	6	5	4	..	..	..	..	..
Kalinga	9	9	8	8	8	8	8	7	7	7
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	3,585	3,017	3,016	2,741	2,251	2,057	1,839	1,864	1,879	2,075
Ilocos Norte	2,890	2,890	2,894	2,620	2,130	1,935	1,715	1,740	1,750	1,933
Ilocos Sur	686	120	115	115	115	117	119	120	125	138
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	9	7	7	6	6	5	5	4	4	4
Cagayan Valley	64	74	64	57	51	51	131	142	153	147
Batanes	..	..	..	..	..	..	85	90	93	97
Cagayan	2	14	16	18	17	17	17	17	16	14
Isabela	38	28	15	8	5	4	2	1	1	0
Nueva Vizcaya	24	32	33	31	29	30	27	35	44	35
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	130	140	142	144	141	140	135	133	133	135
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	130	140	142	144	141	140	135	133	133	130
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	5
CALABARZON	117	93	86	86	83	71	67	65	61	50
Batangas	24	21	22	22	21	16	17	17	16	6
Cavite	10	10	7	7	10	9	5	5	5	5
Laguna	2	2	2	2	2	1	2	5	3	2
Quezon	81	60	55	55	50	45	43	38	37	37
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	506	499	512	498	489	492	488	301	299	307
Marinduque	12	11	11	11	10	10	10	10	8	8
Occidental Mindoro	452	447	460	446	438	442	440	253	254	255
Oriental Mindoro	24	25	25	25	25	26	25	27	28	35
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	18	16	16	16	16	14	13	12	9	8
Bicol Region	1	1	1	1	1	1	1	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	1	1	1	1	1	1	1	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	21	18	14	10	9	8	5	25	21	22
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	21	18	14	10	9	8	5	25	21	22
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	3	1	..	..	..	..	..	..	0	0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	3	1	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	0	0
Eastern Visayas	2	2	2	2	2	2	2	2	2	2
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	2	2	2	2	2	2	2	2	2	2
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Ginger										
Philippines	3,941	3,974	3,926	3,948	3,967	4,037	4,012	3,963	3,850	3,805
NCR										
CAR	155	157	154	155	151	145	143	139	137	136
Abra	18	18	18	18	18	18	18	18	18	18
Apayao	9	11	12	13	13	12	9	9	10	9
Benguet	47	47	46	45	41	39	39	39	36	34
Ifugao	74	74	72	72	72	70	70	67	67	67
Kalinga	4	4	4	5	5	5	5	5	5	6
Mountain Province	3	3	2	2	2	2	2	2	2	2
Ilocos Region	104	108	116	122	123	130	133	135	138	144
Ilocos Norte	41	42	41	42	42	42	43	45	48	51
Ilocos Sur	7	10	14	16	17	19	21	21	20	22
La Union	22	22	26	28	29	34	35	35	36	37
Pangasinan	34	35	35	35	35	35	34	34	34	34
Cagayan Valley	856	873	811	812	797	776	755	776	778	762
Batanes	..	..	..	..	..	..	7	7	7	4
Cagayan	169	179	167	168	158	164	164	171	167	161
Isabela	164	156	109	97	92	62	35	25	21	22
Nueva Vizcaya	510	525	522	533	533	536	534	558	568	558
Quirino	13	13	13	14	14	14	15	15	15	17
Central Luzon	167	176	178	171	174	176	180	183	184	188
Aurora	27	29	25	23	26	29	31	34	36	34
Bataan	12	12	12	12	12	12	12	13	12	12
Bulacan	25	26	25	23	23	22	22	21	24	30
Nueva Ecija	65	70	74	71	69	68	67	66	63	63
Pampanga	2	2	2	2	2	2	2	3	3	3
Tarlac	21	21	24	24	24	23	23	23	23	23
Zambales	15	16	16	16	18	20	23	23	23	23
CALABARZON	416	420	406	409	411	428	378	374	362	333
Batangas	165	168	158	159	156	166	115	103	91	61
Cavite	36	38	36	36	40	40	37	35	35	33
Laguna	17	16	17	18	19	21	25	26	23	25
Quezon	190	191	191	189	189	192	192	200	204	204
Rizal	8	7	4	7	7	9	9	10	10	10
MIMAROPA	88	95	104	103	107	126	128	132	137	138
Marinduque	15	14	14	14	13	13	13	13	13	13
Occidental Mindoro	25	24	22	19	17	20	22	24	25	24
Oriental Mindoro	21	22	23	24	25	25	26	27	28	30
Palawan	13	21	30	32	38	53	52	53	56	55
Romblon	14	14	14	14	14	15	15	16	15	16
Bicol Region	71	71	70	71	73	73	77	82	82	82
Albay	15	17	17	17	17	16	19	22	23	23
Camarines Norte	3	3	3	3	3	5	5	6	6	6
Camarines Sur	43	41	33	33	33	32	33	33	32	32
Catanduanes	4	4	4	4	4	4	4	4	4	4
Masbate	..	..	7	8	10	10	10	10	10	10
Sorsogon	6	6	6	6	6	6	6	7	7	7
Western Visayas	230	225	216	220	211	219	221	222	214	204
Aklan	32	33	39	40	39	40	40	41	41	37
Antique	68	63	54	48	45	43	41	40	38	38
Capiz	25	23	26	34	32	37	39	41	40	36
Guimaras	2	2	1	1	1	1	1	1	1	1
Iloilo	53	54	45	45	42	46	48	47	42	41
Negros Occidental	50	50	51	52	52	52	52	52	52	52
Central Visayas	341	328	326	331	335	342	335	319	317	326
Bohol	105	120	110	118	121	127	123	128	134	133
Cebu	220	192	194	191	191	189	176	164	150	165
Negros Oriental	11	11	17	17	18	20	30	22	30	25
Siquijor	5	5	5	5	5	6	6	5	4	4
Eastern Visayas	266	266	272	271	275	279	284	281	250	261
Biliran	31	31	31	27	29	31	31	29	27	29
Eastern Samar	9	10	10	6	10	10	10	10	10	13
Leyte	175	173	176	182	180	179	181	177	147	150
Northern Samar	10	10	10	10	10	10	10	10	10	14
Southern Leyte	28	29	32	34	35	38	40	40	40	41
Samar (Western Samar)	13	13	13	12	11	12	12	15	15	14
Zamboanga Peninsula	103	106	112	114	115	123	137	126	113	112
Zamboanga del Norte	22	23	27	29	29	29	29	29	29	29
Zamboanga del Sur	45	44	43	43	42	45	47	47	47	44
Zamboanga Sibugay	20	24	25	26	28	30	39	29	20	23
Zamboanga City	16	15	17	16	16	19	22	21	17	16
Northern Mindanao	633	634	661	668	671	692	719	739	707	703
Bukidnon	27	28	50	53	54	58	66	61	57	48
Camiguin	8	7	6	5	5	5	5	5	4	3
Lanao del Norte	475	492	494	500	504	514	525	540	525	533
Misamis Occidental	77	77	79	80	82	85	90	91	91	90
Misamis Oriental	46	30	32	30	26	30	33	42	30	29
Davao Region	225	235	227	253	260	265	256	255	237	239
Davao del Norte	23	24	26	28	30	33	30	29	27	30
Davao del Sur	58	70	72	88	90	98	106	105	100	98
Davao Oriental	4	4	4	5	6	6	10	12	13	13
Compostela Valley	91	89	89	96	96	92	72	70	61	63
Davao City	49	48	36	36	38	36	38	39	36	35
SOCCSKSARGEN	105	101	98	103	100	106	106	103	97	91
North Cotabato	51	49	49	53	51	63	65	63	58	53
Sarangani	17	17	17	18	17	14	14	13	11	11
South Cotabato	30	30	27	27	28	25	23	24	24	23
Sultan Kudarat	7	5	5	5	5	5	5	4	4	4
Caraga	62	62	58	49	44	35	34	32	27	22
Agusan del Norte	17	19	19	17	15	10	8	8	6	5
Agusan del Sur	24	24	22	15	13	13	15	11	11	7
Dinagat Islands	..	..	..	..	..	..	..	1	1	1
Surigao del Norte	9	7	6	6	5	5	3	4	2	2
Surigao del Sur	12	12	11	12	11	8	8	8	8	8
ARMM	120	118	118	97	121	123	127	66	69	65
Basilan	4	4	4	4	4	4	4	5	5	5
Lanao del Sur	98	98	98	76	98	98	99	38	38	38
Maguindanao	17	15	15	15	16	18	20	20	22	18
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	1	1	1	2	2	3	3	4	4	4

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gourd										
Philippines	9,088	8,382	8,305	8,152	7,847	7,773	7,765	7,262	7,299	7,428
NCR										
CAR	177	176	176	175	177	177	180	180	181	181
Abra	156	156	156	156	156	156	156	156	156	156
Apayao	1	1	1	1	1	1	4	5	6	6
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	19	19	19	18	17	17	17	17	17	17
Kalinga	..	..	..	..	3	3	3	3	3	3
Mountain Province	1	..	..	..	..	..	..	..	..	..
Ilocos Region	706	714	686	681	682	682	694	695	695	693
Ilocos Norte	217	219	217	215	215	215	212	213	212	209
Ilocos Sur	95	90	82	80	80	81	81	83	83	84
La Union	214	219	211	212	210	212	216	215	215	214
Pangasinan	180	186	176	173	177	174	185	185	185	185
Cagayan Valley	957	983	1,012	1,002	856	839	825	806	762	755
Batanes	..	..	..	..	..	..	2	2	2	2
Cagayan	307	318	312	308	244	255	266	286	281	277
Isabela	594	598	627	625	548	520	495	461	425	424
Nueva Vizcaya	30	41	47	41	39	42	40	34	33	30
Quirino	26	26	26	28	25	22	22	23	21	22
Central Luzon	603	638	638	640	636	636	645	624	632	706
Aurora	10	12	13	14	16	15	15	14	17	12
Bataan	29	29	29	29	29	29	29	23	19	19
Bulacan	73	82	88	89	85	88	90	87	91	174
Nueva Ecija	268	285	280	277	274	275	276	281	285	285
Pampanga	131	133	131	131	133	131	133	122	118	118
Tarlac	15	15	15	15	14	13	13	11	14	12
Zambales	77	82	82	85	85	85	89	86	88	86
CALABARZON	3,666	2,821	2,760	2,727	2,649	2,702	2,680	2,508	2,478	2,508
Batangas	2,605	1,778	1,784	1,759	1,764	1,826	1,825	1,644	1,635	1,640
Cavite	116	117	119	119	90	93	80	81	81	80
Laguna	98	100	92	79	83	89	88	88	75	101
Quezon	827	806	745	750	692	674	667	675	667	667
Rizal	20	20	20	20	20	20	20	20	20	20
MIMAROPA	67	66	74	81	83	89	90	92	95	97
Marinduque	14	13	13	13	12	12	12	12	12	12
Occidental Mindoro	12	11	14	15	16	19	20	23	25	27
Oriental Mindoro	6	6	6	7	7	8	8	8	8	8
Palawan	29	30	34	40	41	43	43	41	42	42
Romblon	6	6	7	7	7	7	7	7	8	8
Bicol Region	149	267	263	256	257	255	257	258	259	263
Albay	29	32	32	32	32	32	32	34	34	34
Camarines Norte	62	68	61	53	53	53	54	54	55	55
Camarines Sur	14	15	15	15	16	15	15	15	15	16
Catanduanes	7	7	7	7	7	7	7	7	7	10
Masbate	18	125	128	129	131	131	131	131	131	131
Sorsogon	19	20	20	20	18	17	18	17	17	17
Western Visayas	223	227	220	224	223	225	227	220	226	226
Aklan	8	8	8	9	9	9	9	9	8	8
Antique	11	10	9	10	8	6	5	5	5	5
Capiz	34	36	34	35	38	39	41	35	40	40
Guimaras	6	7	8	8	6	7	7	6	6	7
Iloilo	52	55	50	52	51	54	56	56	57	57
Negros Occidental	112	111	111	111	111	111	110	110	110	110
Central Visayas	542	543	558	550	537	505	512	228	292	291
Bohol	32	34	34	29	27	27	29	25	26	24
Cebu	125	123	118	122	118	100	105	117	180	188
Negros Oriental	382	383	403	396	389	375	375	80	81	75
Siquijor	3	3	3	3	3	3	3	6	5	4
Eastern Visayas	300	303	304	307	309	308	309	298	293	309
Biliran	12	12	11	11	14	15	15	14	14	20
Eastern Samar	16	16	16	16	16	16	16	16	14	15
Leyte	213	215	214	217	217	216	215	206	201	204
Northern Samar	7	7	7	7	7	7	7	7	7	10
Southern Leyte	13	14	15	15	41	42	43	43	43	47
Samar (Western Samar)	39	39	40	41	14	13	13	13	14	13
Zamboanga Peninsula	700	641	594	535	446	389	355	315	345	361
Zamboanga del Norte	121	121	122	120	119	118	115	101	108	102
Zamboanga del Sur	158	131	114	99	78	56	44	35	37	34
Zamboanga Sibugay	130	123	112	100	80	65	50	33	22	17
Zamboanga City	291	266	246	216	169	150	146	146	178	209
Northern Mindanao	405	393	398	355	356	354	371	371	372	368
Bukidnon	34	36	37	36	36	34	32	31	28	29
Camiguin	5	6	6	6	6	6	6	5	5	5
Lanao del Norte	183	186	186	146	147	145	150	153	153	151
Misamis Occidental	46	49	49	51	52	53	53	50	49	48
Misamis Oriental	137	116	120	116	115	116	130	132	137	135
Davao Region	319	333	336	339	344	346	360	399	404	406
Davao del Norte	128	137	141	144	147	152	155	156	156	161
Davao del Sur	24	27	28	27	28	28	28	28	29	27
Davao Oriental	49	48	48	46	46	46	46	46	47	44
Compostela Valley	35	38	36	39	41	38	36	70	73	75
Davao City	83	83	83	83	82	82	95	99	99	99
SOCCSKSARGEN	122	125	126	128	120	117	116	124	125	122
North Cotabato	25	26	28	29	31	32	33	34	35	32
Sarangani	18	18	18	18	17	17	17	17	18	19
South Cotabato	12	12	14	14	13	13	11	18	18	18
Sultan Kudarat	67	69	66	67	59	55	55	55	54	53
Caraga	90	93	98	91	112	85	82	81	74	80
Agusan del Norte	56	58	59	55	58	36	33	42	38	34
Agusan del Sur	8	8	10	8	11	11	13	17	18	27
Dinagat Islands	..	..	..	..	..	..	..	3	3	3
Surigao del Norte	11	11	11	11	23	22	20	7	4	4
Surigao del Sur	15	16	18	17	20	16	16	12	12	13
ARMM	62	61	63	62	62	64	63	64	64	63
Basilan	17	17	17	16	16	16	16	16	16	16
Lanao del Sur	11	11	11	11	11	11	10	10	10	10
Maguindanao	14	13	15	15	15	18	18	18	17	16
Sulu	16	16	17	17	17	17	18	18	19	19
Tawi-tawi	4	4	3	3	3	2	2	2	2	2

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Habitchuelas										
Philippines	3,371	3,623	3,723	3,662	3,770	3,621	3,567	3,504	3,397	3,241
NCR										
CAR	1,069	1,262	1,287	1,267	1,289	1,292	1,286	1,283	1,283	1,235
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	3	3	4	5	4	4	4	5	6	6
Benguet	534	668	669	659	694	695	694	690	691	685
Ifugao	412	412	405	395	392	392	392	392	393	378
Kalinga	25	26	26	26	26	26	26	26	27	29
Mountain Province	95	153	183	182	173	175	170	170	167	137
Ilocos Region	179	184	186	186	180	173	177	180	181	178
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	2	2	2	3	3	3	3
La Union	108	111	113	112	108	104	108	110	112	112
Pangasinan	71	73	73	72	70	67	66	67	66	63
Cagayan Valley	800	811	830	767	840	697	657	642	632	555
Batanes	..	..	..	..	..	..	2	1	1	1
Cagayan	35	42	42	43	44	44	44	47	45	46
Isabela	255	248	250	225	156	63	31	20	6	5
Nueva Vizcaya	487	498	515	476	619	569	560	554	560	483
Quirino	23	23	23	23	21	21	20	20	20	20
Central Luzon	27	29	30	30	30	29	28	26	21	17
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	27	29	30	30	30	29	28	26	21	17
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	67	77	74	71	67	69	77	79	82	83
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	5	3	2	2	..	..	..	..	..	..
Laguna	20	34	33	33	35	35	42	42	43	44
Quezon	42	40	39	36	32	34	35	37	39	39
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	1
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	211	219	218	220	222	221	227	227	222	223
Albay	70	75	75	77	80	83	88	88	85	85
Camarines Norte	0	0	..	..	..	..	..	..	..	..
Camarines Sur	140	144	143	143	142	138	139	139	137	137
Catanduanes	0	0	0	0	0	0	0	0	0	1
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	28	31	30	30	31	32	33	34	38	38
Aklan	1	2	2	2	2	2	2	2	2	2
Antique	..	2	2	2	2	3	4	4	4	4
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	15	15	14	14	15	15	16	17	20	20
Negros Occidental	12	12	12	12	12	12	12	12	12	12
Central Visayas	473	483	530	551	568	575	543	534	464	452
Bohol	21	18	17	19	18	14	11	9	5	4
Cebu	422	430	445	449	450	460	460	417	350	340
Negros Oriental	29	35	68	83	100	101	72	108	109	108
Siquijor	1	0	0	0	0	0	0	0	0	0
Eastern Visayas	160	166	167	160	160	160	149	103	78	77
Biliran	3	3	3	3	3	1	2	2	2	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	107	113	114	107	108	107	106	73	60	62
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	50	50	50	50	49	52	41	28	17	14
Zamboanga Peninsula	77	71	72	75	76	74	83	63	50	45
Zamboanga del Norte	17	15	15	17	18	19	20	14	14	9
Zamboanga del Sur	18	18	19	19	18	19	19	20	20	20
Zamboanga Sibugay	5	5	5	6	8	..	6	3	1	1
Zamboanga City	37	33	33	34	32	36	38	26	15	15
Northern Mindanao	79	84	93	97	92	94	99	100	108	93
Bukidnon	37	39	44	47	45	46	51	54	56	44
Camiguin	0	0	0	1	1	1	1	0	0	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	6	7	9	11	12	14	16	18	20	20
Misamis Oriental	36	38	40	38	34	33	31	28	32	29
Davao Region	125	129	129	133	131	131	123	144	143	150
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	8	9	9	9	9	9	9	9	9	9
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	55	57	58	62	61	61	51	70	71	78
Davao City	62	63	62	62	61	61	63	65	63	63
SOCCSKSARGEN	47	50	53	53	58	60	61	63	66	63
North Cotabato	21	26	25	22	22	23	23	23	25	21
Sarangani	5	5	5	5	5	4	4	3	3	3
South Cotabato	11	13	17	20	26	28	29	31	34	34
Sultan Kudarat	10	6	6	6	6	6	5	5	5	5
Caraga	24	23	20	18	22	10	22	24	25	30
Agusan del Norte	2	2	2	1	1	1	2	1	1	1
Agusan del Sur	22	21	18	17	21	9	20	23	24	29
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	5	4	3	3	4	4	3	3	3	2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	5	4	3	3	4	4	3	3	3	2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Kangkong										
Philippines	7,381	7,527	7,511	7,423	7,255	7,209	6,963	7,041	6,803	6,737
NCR										
CAR	6	7	5	5	5	5	5	5	5	5
Abra	3	3	3	3	3	3	3	3	3	3
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1	2	2	2	2	2	2	2	2	2
Mountain Province	2	2	..	..	..	..	..	..	..	..
Ilocos Region	157	158	160	160	162	163	167	167	168	170
Ilocos Norte	78	79	80	79	79	79	81	81	82	82
Ilocos Sur	21	18	16	17	19	20	20	20	20	20
La Union	19	20	22	22	21	22	23	24	24	25
Pangasinan	39	41	42	42	43	42	42	43	43	44
Cagayan Valley	207	213	221	217	188	197	196	221	220	217
Batanes	..	..	..	..	..	..	0	0	0	0
Cagayan	59	63	65	58	48	52	55	62	61	58
Isabela	64	64	69	72	60	65	62	79	81	81
Nueva Vizcaya	40	42	43	43	44	44	45	44	44	44
Quirino	44	44	44	44	36	36	34	36	34	34
Central Luzon	93	98	114	119	124	121	116	115	119	142
Aurora	11	11	15	15	16	15	15	15	15	16
Bataan	25	24	24	24	24	22	21	20	19	18
Bulacan	28	32	40	45	49	49	45	45	50	72
Nueva Ecija	14	16	20	20	20	20	20	20	20	21
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	15	15	15	15	15	15	15	15	15	15
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	813	822	734	730	664	690	683	681	676	643
Batangas	34	40	42	41	42	55	54	53	47	38
Cavite	26	28	28	28	22	23	20	18	18	18
Laguna	19	19	19	19	19	30	31	31	32	29
Quezon	708	708	617	614	549	549	545	545	545	525
Rizal	26	27	28	28	32	33	33	34	34	33
MIMAROPA	268	271	278	286	285	292	297	299	303	300
Marinduque	14	13	14	14	13	12	12	12	12	12
Occidental Mindoro	182	184	187	191	188	193	198	200	203	206
Oriental Mindoro	25	25	28	29	30	31	32	32	33	28
Palawan	40	42	42	45	47	48	48	48	48	47
Romblon	7	7	7	7	7	7	8	7	7	7
Bicol Region	970	979	987	934	924	893	813	771	676	680
Albay	700	705	705	650	640	610	525	485	390	390
Camarines Norte	52	52	52	52	52	51	49	48	48	46
Camarines Sur	143	147	149	150	149	150	151	151	151	152
Catanduanes	23	23	23	23	23	23	23	23	23	28
Masbate	..	..	6	7	8	8	12	12	12	12
Sorsogon	52	52	52	52	52	51	53	52	52	52
Western Visayas	632	648	650	643	634	637	641	618	602	587
Aklan	164	164	167	167	164	165	165	150	140	139
Antique	55	59	56	62	62	63	62	59	56	56
Capiz	42	52	55	60	59	62	67	67	68	64
Guimaras	75	72	67	60	50	41	38	34	31	27
Iloilo	135	140	144	133	138	145	148	147	146	142
Negros Occidental	161	161	161	161	161	161	161	161	161	159
Central Visayas	452	460	471	477	465	342	322	329	281	272
Bohol	93	102	102	101	100	58	47	40	36	34
Cebu	40	42	46	47	44	40	36	40	43	45
Negros Oriental	316	313	320	325	318	241	236	245	200	191
Siquijor	3	3	3	4	3	3	3	3	2	2
Eastern Visayas	609	609	609	612	595	585	366	476	430	424
Biliran	3	5	5	5	4	4	3	4	4	8
Eastern Samar	8	9	9	10	10	10	10	10	12	13
Leyte	150	151	153	166	163	164	168	146	135	137
Northern Samar	5	6	6	6	6	7	7	7	7	6
Southern Leyte	246	246	246	250	252	258	62	210	203	196
Samar (Western Samar)	197	192	190	175	160	142	115	99	69	65
Zamboanga Peninsula	661	662	689	696	693	699	720	702	694	672
Zamboanga del Norte	517	515	521	519	509	503	500	491	489	480
Zamboanga del Sur	34	37	45	47	53	59	64	67	68	68
Zamboanga Sibugay	14	19	30	37	39	46	63	54	51	46
Zamboanga City	96	91	93	93	92	91	93	91	86	78
Northern Mindanao	455	437	440	388	385	389	405	409	403	395
Bukidnon	140	139	110	98	95	80	80	78	74	69
Camiguin	12	13	13	11	11	11	12	12	12	12
Lanao del Norte	47	46	47	47	49	62	73	75	76	75
Misamis Occidental	102	84	110	112	113	115	115	113	114	114
Misamis Oriental	154	155	160	120	117	121	125	131	127	125
Davao Region	1,100	1,110	1,119	1,125	1,128	1,143	1,141	1,160	1,123	1,064
Davao del Norte	558	567	570	573	573	577	578	579	544	492
Davao del Sur	168	168	172	172	172	172	172	169	165	156
Davao Oriental	74	75	75	75	74	74	74	74	78	78
Compostela Valley	122	122	124	127	127	129	124	140	140	140
Davao City	178	178	178	178	182	191	193	198	196	198
SOCCSKSARGEN	269	270	289	293	294	292	294	297	301	299
North Cotabato	129	132	139	143	148	152	156	158	160	160
Sarangani	24	24	24	24	24	25	24	24	24	24
South Cotabato	65	63	75	75	71	64	62	63	66	63
Sultan Kudarat	51	51	51	51	51	51	52	52	52	52
Caraga	406	448	414	409	376	352	356	334	331	398
Agusan del Norte	41	47	47	40	38	38	40	41	36	30
Agusan del Sur	260	290	253	256	248	236	260	237	243	318
Dinagat Islands	..	..	..	..	..	..	..	2	2	2
Surigao del Norte	74	76	78	78	55	44	21	18	14	12
Surigao del Sur	31	35	36	35	35	35	35	36	36	36
ARMM	284	335	331	329	333	409	444	458	472	469
Basilan	12	12	12	13	13	13	13	13	12	12
Lanao del Sur	2	2	2	2	2	2	2	2	3	3
Maguindanao	250	303	303	299	303	380	415	430	445	442
Sulu	12	11	10	8	8	8	8	7	6	6
Tawi-tawi	8	7	4	7	7	6	6	6	6	6

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Lettuce										
Philippines	407	405	440	451	466	482	501	543	512	484
NCR										
CAR	155	153	151	149	160	159	165	168	167	157
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	127	130	132	131	143	143	148	148	145	136
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	28	23	19	18	17	16	17	20	22	21
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	2	..	..	..	..	0	1	4	3	3
Batanes	..	..	..	..	..	..	0	0	0	0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	2	..	..	..	..	0	..	3	2	2
Nueva Vizcaya	..	..	..	..	..	..	1	1	1	1
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	13	12	13	12	13	13	16	20	21	26
Batangas	1	1	2	1	1	1	1	0	0	2
Cavite	10	10	10	10	11	11	13	14	14	16
Laguna	2	1	1	1	1	1	2	6	7	8
Quezon	..	..	0	0	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	2	2	2
Marinduque	..	..	..	..	..	..	..	2	2	2
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	2	3	4	3	4	6	6	7	7	9
Aklan	0	0	0	0	1	1	0	0	0	0
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	0	0
Iloilo	2	3	3	3	3	5	6	7	7	9
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	49	58	78	85	96	106	111	142	114	116
Bohol	..	..	..	..	1	1	1	1	1	1
Cebu	24	25	28	29	25	29	30	30	25	32
Negros Oriental	25	33	50	56	70	76	80	111	88	83
Siquijor	..	..	..	..	0	..	0	0	0	0
Eastern Visayas	0	0	2	3	4	4	4	1	1	1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	0	0	0	1	2	2	2	1	1	1
Northern Samar	..	..	2	2	2	2	2	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	4	4	4	4	4	5	6	5	5	4
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	4	4	4	4	4	5	6	5	5	4
Northern Mindanao	157	150	166	172	164	168	167	167	164	138
Bukidnon	154	146	160	168	162	165	163	162	158	133
Camiguin	0	0	0	0	0	1	0	0	0	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	3	4	6	4	2	2	4	5	6	5
Davao Region	4	4	4	4	4	4	4	4	4	4
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	0	0	0	0	0	0	0	0	0	0
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	4	4	4	4	4	4	4	4	4	4
SOCCSKSARGEN	21	20	18	18	17	18	20	21	23	23
North Cotabato	19	18	17	18	17	18	20	21	23	22
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	2	2	1	1	1	0	0	0	0	0
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	0	0	0	..	0	..
Agusan del Norte	..	..	..	..	0	0	0	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	0	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mongo										
Philippines	35,732	39,011	39,923	38,658	40,080	45,283	44,351	43,589	42,978	41,426
NCR										
CAR	150	175	172	172	168	184	183	172	167	163
Abra	..	..	..	..	..	15	15	15	15	15
Apayao	7	7	8	8	6	7	7	7	8	8
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	83	83	77	77	76	76	76	76	72	67
Kalinga	45	46	44	43	43	43	43	44	44	45
Mountain Province	15	39	43	44	43	43	42	30	28	28
Ilocos Region	11,124	11,030	10,628	10,610	10,489	10,264	10,137	9,994	9,921	9,858
Ilocos Norte	5,403	5,287	5,337	5,347	5,362	5,152	5,038	4,895	4,810	4,740
Ilocos Sur	733	707	707	704	704	704	704	703	704	706
La Union	216	217	254	250	206	205	207	211	219	224
Pangasinan	4,772	4,819	4,330	4,310	4,218	4,203	4,188	4,185	4,188	4,188
Cagayan Valley	4,583	6,340	8,493	7,674	9,687	15,580	14,643	14,032	13,591	13,667
Batanes	..	..	..	..	..	..	4	5	4	2
Cagayan	1,933	2,020	1,595	1,302	1,130	1,191	1,164	1,173	1,194	1,093
Isabela	2,622	4,292	6,869	6,342	8,529	14,362	13,451	12,835	12,304	12,431
Nueva Vizcaya	..	..	1	1	..	1	2	2	75	123
Quirino	28	28	28	29	28	26	22	18	14	18
Central Luzon	3,012	3,091	3,080	3,088	3,057	3,364	3,723	4,224	4,414	4,570
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	20	20	20	20	20	20	20	20	21	21
Bulacan	31	25	22	19	16	21	20	22	23	27
Nueva Ecija	129	141	141	143	140	140	138	137	137	135
Pampanga	113	113	112	112	113	44	50	51	45	45
Tarlac	2,635	2,702	2,702	2,708	2,685	3,050	3,400	3,898	4,087	4,237
Zambales	84	90	83	86	83	89	95	96	101	105
CALABARZON	264	243	210	192	182	176	160	143	138	138
Batangas	32	23	12	10	30	25	13	1	2	3
Cavite	28	..	..	..	9	9	10	11	11	10
Laguna	..	32	30	30	..	0	0	0	0	0
Quezon	195	8	8	8	135	135	130	124	118	118
Rizal	9	180	160	144	8	7	7	7	7	7
MIMAROPA	805	805	821	828	836	865	912	971	966	984
Marinduque	76	75	75	75	73	71	71	71	70	71
Occidental Mindoro	595	598	615	620	633	661	707	762	748	752
Oriental Mindoro	11	12	11	11	12	13	16	18	36	46
Palawan	30	32	36	38	35	37	38	38	39	40
Romblon	93	88	84	84	84	83	80	82	74	75
Bicol Region	237	267	262	258	254	242	255	244	232	233
Albay	85	90	90	85	78	75	65	55	43	36
Camarines Norte	1	1	1	1	1	1	1	1	1	1
Camarines Sur	94	99	93	93	93	90	90	90	89	82
Catanduanes	18	18	18	18	18	18	18	18	18	34
Masbate	..	20	21	22	23	23	46	46	46	46
Sorsogon	39	39	39	39	41	35	35	34	35	34
Western Visayas	4,905	6,847	6,064	5,772	5,345	5,153	5,148	5,210	5,242	5,774
Aklan	106	112	136	127	136	134	126	130	115	118
Antique	2,457	3,920	3,327	3,085	2,763	2,481	2,353	2,403	2,341	2,345
Capiz	35	42	59	56	62	68	64	66	59	62
Guimaras	40	39	43	45	38	38	39	35	39	41
Iloilo	1,754	2,215	1,980	1,940	1,835	1,926	2,060	2,070	2,183	2,700
Negros Occidental	513	519	519	519	512	506	506	506	505	508
Central Visayas	1,934	1,758	1,916	1,844	1,853	1,639	1,460	1,395	1,148	1,060
Bohol	140	146	146	62	66	54	57	56	54	53
Cebu	1,340	1,150	1,149	1,154	1,135	880	705	652	440	392
Negros Oriental	387	386	543	550	576	631	631	622	592	555
Siquijor	67	76	78	78	76	75	67	65	62	60
Eastern Visayas	435	435	435	441	436	435	436	305	255	257
Biliran	8	8	8	7	7	8	7	7	7	7
Eastern Samar	11	11	11	11	11	11	12	12	11	10
Leyte	366	366	367	373	369	370	372	248	202	207
Northern Samar	5	5	5	5	5	5	5	5	5	4
Southern Leyte	21	21	21	22	22	22	22	20	19	19
Samar (Western Samar)	24	24	23	23	22	19	17	13	11	10
Zamboanga Peninsula	374	339	373	366	331	298	296	260	246	217
Zamboanga del Norte	52	49	117	125	110	110	116	96	98	73
Zamboanga del Sur	165	144	117	109	101	76	70	70	72	66
Zamboanga Sibugay	102	95	86	83	70	61	56	41	24	31
Zamboanga City	55	51	53	49	50	51	54	53	52	47
Northern Mindanao	491	493	491	502	511	507	501	498	489	501
Bukidnon	43	42	34	38	36	36	34	37	40	40
Camiguin	1	2	3	3	3	3	2	2	1	1
Lanao del Norte	340	346	347	349	358	350	354	342	333	338
Misamis Occidental	42	42	45	50	57	59	59	62	67	73
Misamis Oriental	65	61	62	62	57	59	52	55	48	49
Davao Region	1,549	1,540	1,536	1,520	1,507	1,349	1,352	1,355	1,354	1,338
Davao del Norte	509	516	520	520	515	527	523	524	526	520
Davao del Sur	709	694	694	685	678	662	676	694	697	681
Davao Oriental	66	67	66	63	63	63	62	58	56	56
Compostela Valley	44	45	44	43	42	21	17	7	6	10
Davao City	221	218	212	209	209	76	74	72	69	71
SOCCSKSARGEN	752	676	634	647	638	587	602	602	595	574
North Cotabato	447	447	442	424	408	407	408	404	397	375
Sarangani	46	47	44	48	45	44	46	46	45	49
South Cotabato	25	25	37	44	34	35	47	67	73	69
Sultan Kudarat	234	157	111	132	152	101	102	85	80	81
Caraga	265	209	208	143	185	146	203	182	207	219
Agusan del Norte	82	85	82	25	29	18	24	16	17	15
Agusan del Sur	127	65	65	58	100	78	133	120	146	163
Dinagat Islands	..	..	..	..	..	..	..	1	1	1
Surigao del Norte	23	22	22	23	22	17	13	10	6	4
Surigao del Sur	33	37	39	37	34	33	33	35	36	36
ARMM	4,852	4,765	4,602	4,600	4,602	4,495	4,341	4,003	4,014	1,875
Basilan	13	13	11	10	9	9	9	9	12	12
Lanao del Sur	31	31	31	31	31	31	24	24	22	22
Maguindanao	4,700	4,613	4,450	4,450	4,455	4,355	4,210	3,874	3,885	1,748
Sulu	103	103	105	105	103	96	94	92	91	89
Tawi-tawi	5	5	5	4	4	4	4	4	4	4

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Okra										
Philippines	3,211	3,287	3,488	3,555	3,570	3,497	3,570	3,587	3,648	3,693
NCR										
CAR	14	15	15	16	16	16	19	21	21	22
Abra	7	7	7	7	7	7	7	7	7	7
Apayao	1	1	1	1	1	1	4	7	8	8
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	6	7	7	8	8	8	8	7	6	7
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	158	161	164	163	169	174	173	178	181	189
Ilocos Norte	75	74	74	74	73	73	74	77	80	83
Ilocos Sur	12	14	15	16	16	16	16	16	16	21
La Union	33	33	33	32	33	33	35	35	35	36
Pangasinan	38	41	42	41	47	52	49	49	50	50
Cagayan Valley	666	673	694	691	630	657	653	657	656	621
Batanes	..	..	..	..	..	..	2	2	2	1
Cagayan	394	405	403	392	337	355	350	362	360	330
Isabela	185	177	201	208	210	210	210	204	204	195
Nueva Vizcaya	78	81	79	77	72	82	80	77	78	83
Quirino	9	10	11	14	11	10	11	12	12	12
Central Luzon	654	661	719	733	743	719	729	749	764	803
Aurora	37	38	40	43	48	49	49	47	48	46
Bataan	9	9	9	9	9	9	9	9	10	10
Bulacan	95	88	95	94	95	99	98	98	100	138
Nueva Ecija	361	367	368	368	367	365	365	366	364	358
Pampanga	82	83	78	78	82	73	76	78	79	79
Tarlac	28	28	80	90	90	70	72	90	100	110
Zambales	42	48	49	51	52	54	60	61	63	62
CALABARZON	146	144	145	138	159	169	172	171	169	181
Batangas	28	30	32	29	31	31	32	34	33	33
Cavite	32	27	28	28	43	43	48	49	49	48
Laguna	34	33	33	30	30	40	37	36	30	42
Quezon	42	44	42	41	45	45	45	42	47	48
Rizal	10	10	10	10	10	10	10	10	10	10
MIMAROPA	78	78	87	91	99	104	109	110	118	119
Marinduque	12	12	12	12	12	12	12	12	14	15
Occidental Mindoro	12	12	14	16	18	18	20	21	23	26
Oriental Mindoro	10	9	9	10	11	11	11	12	15	11
Palawan	27	28	34	36	41	45	47	47	47	48
Romblon	17	17	17	18	18	18	19	19	19	20
Bicol Region	124	167	175	175	176	172	176	176	176	177
Albay	9	12	13	14	14	14	14	16	16	16
Camarines Norte	18	20	19	17	17	15	17	17	17	17
Camarines Sur	7	7	13	13	13	13	13	13	13	13
Catanduanes	5	5	5	5	5	5	5	5	5	6
Masbate	47	84	86	87	90	90	90	90	90	90
Sorsogon	38	39	39	39	37	35	37	35	35	35
Western Visayas	203	214	227	229	231	245	253	241	256	264
Aklan	6	7	11	11	11	11	12	12	12	12
Antique	15	18	17	15	14	15	16	16	16	16
Capiz	32	33	37	38	39	43	44	31	36	38
Guimaras	10	10	12	12	12	12	13	14	14	13
Iloilo	61	67	70	76	76	84	88	89	98	103
Negros Occidental	79	79	80	78	80	80	80	80	80	82
Central Visayas	198	195	249	282	290	209	208	222	240	235
Bohol	88	90	93	123	130	39	41	45	50	48
Cebu	58	51	57	59	60	64	61	66	80	83
Negros Oriental	50	51	96	97	97	102	103	108	108	102
Siquijor	2	3	3	3	3	4	3	3	2	2
Eastern Visayas	144	145	148	153	154	155	157	144	142	148
Biliran	3	4	5	5	5	6	6	5	4	4
Eastern Samar	5	6	6	6	6	6	6	6	9	10
Leyte	120	120	122	126	127	126	127	113	110	112
Northern Samar	4	4	4	4	4	4	4	4	4	6
Southern Leyte	2	2	3	3	3	3	3	3	3	3
Samar (Western Samar)	9	9	9	9	9	11	12	13	13	13
Zamboanga Peninsula	117	115	126	133	139	146	152	134	126	120
Zamboanga del Norte	25	26	26	26	27	28	28	24	24	22
Zamboanga del Sur	34	34	38	42	44	46	47	47	51	49
Zamboanga Sibugay	22	23	29	31	33	39	42	27	15	15
Zamboanga City	36	32	33	34	35	33	35	36	36	34
Northern Mindanao	321	299	310	299	308	309	324	338	341	335
Bukidnon	23	25	32	36	34	37	43	47	43	38
Camiguin	8	7	7	5	6	6	6	6	6	6
Lanao del Norte	238	208	208	195	200	193	195	198	198	195
Misamis Occidental	29	34	35	36	42	42	44	46	47	50
Misamis Oriental	23	25	28	27	26	31	36	41	47	46
Davao Region	154	168	165	184	190	183	197	213	215	223
Davao del Norte	35	39	42	46	49	51	54	53	53	58
Davao del Sur	15	24	27	32	34	35	35	35	31	29
Davao Oriental	21	21	21	23	23	23	23	24	27	30
Compostela Valley	28	29	27	35	36	34	35	50	53	55
Davao City	55	55	48	48	48	40	50	51	51	51
SOCCSKSARGEN	91	98	106	109	108	111	112	115	119	121
North Cotabato	37	41	45	47	51	53	54	56	58	59
Sarangani	30	30	30	30	26	26	27	25	25	25
South Cotabato	9	11	13	13	14	14	14	16	19	19
Sultan Kudarat	15	16	18	19	17	18	18	18	18	17
Caraga	127	137	141	142	139	106	115	99	102	116
Agusan del Norte	18	20	21	20	17	17	18	20	22	23
Agusan del Sur	36	42	42	46	41	37	46	49	55	66
Dinagat Islands	..	..	..	..	..	..	..	3	3	4
Surigao del Norte	19	19	20	20	23	12	10	7	4	5
Surigao del Sur	54	56	58	56	58	41	41	20	18	18
ARMM	16	17	17	18	19	22	22	20	22	20
Basilan	4	4	4	5	5	5	5	5	5	5
Lanao del Sur	4	4	4	4	4	5	5	2	2	2
Maguindanao	8	9	9	9	10	12	12	12	14	12
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	0	0	0	0	0	0	0	1	1	1

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Onion										
Philippines	8,442	15,879	14,579	14,526	15,169	14,641	15,012	15,437	15,844	14,861
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	4,840	4,930	4,837	4,618	4,689	4,753	4,725	4,622	4,588	4,601
Ilocos Norte	2,176	2,188	2,190	2,174	2,174	2,254	2,262	2,214	2,164	2,145
Ilocos Sur	1,730	1,762	1,694	1,651	1,706	1,703	1,673	1,624	1,639	1,662
La Union	4	4	4	5	5	4	4	3	3	11
Pangasinan	930	976	949	789	805	793	787	782	782	783
Cagayan Valley	180	524	369	334	383	477	599	648	660	609
Batanes	..	..	..	..	..	..	21	21	22	22
Cagayan	3	10	10	12	11	11	11	11	10	9
Isabela	22	15	14	12	12	6	5	4	4	6
Nueva Vizcaya	155	499	345	310	360	460	562	612	623	572
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	3,169	8,294	7,667	7,973	8,195	8,178	8,126	8,171	8,522	7,407
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	3,160	8,288	7,661	7,966	8,170	8,170	8,120	8,161	8,511	7,396
Pampanga	2	2	2	2	1	1	1	1	1	1
Tarlac	..	..	..	..	19	2	..	4	5	5
Zambales	7	4	4	5	5	5	5	5	5	5
CALABARZON	39	33	35	35	38	78	73	92	89	45
Batangas	10	8	8	8	8	50	46	64	61	23
Cavite	29	25	27	27	30	28	27	28	28	22
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	150	2,002	1,602	1,502	1,806	1,106	1,406	1,832	1,920	2,117
Marinduque	1	1	1	1	1	1	1	1	1	1
Occidental Mindoro	148	2,000	1,600	1,500	1,800	1,100	1,400	1,825	1,913	1,950
Oriental Mindoro	..	..	..	..	5	5	5	6	7	166
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	1	1	1	1	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	33	73	48	44	42	39	70	58	51	67
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	33	73	48	44	42	39	70	58	51	67
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	2	..	..	..	0	0	1	1	3	3
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	2	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	2	3
Siquijor	..	..	..	..	0	0	1	1	2	0
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	17	17	18	18	13	5	3	3	3	3
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	5	4	4	4	3	3	3	3	3	3
Zamboanga Sibugay	12	13	14	14	10	2	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	0	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	0	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	12	6	3	3	4	4	9	9	9	8
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	6	2	..	..	..	..	..	..	..	..
South Cotabato	4	4	3	3	4	4	9	9	9	8
Sultan Kudarat	2	1	0	0	0	0	0	0	0	0
Caraga	..	..	..	..	..	..	..	..	..	1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Peanut										
Philippines	27,642	28,316	27,726	28,235	27,123	26,902	26,110	25,602	25,048	24,580
NCR										
CAR	282	258	254	253	254	252	249	250	239	229
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	5	5	6	6	5	5	5	5	5	5
Benguet	22	22	22	22	26	26	24	24	23	23
Ifugao	102	101	96	94	92	92	92	92	92	92
Kalinga	24	25	25	25	25	25	17	18	15	14
Mountain Province	129	105	105	106	106	104	111	111	104	95
Ilocos Region	8,126	8,395	7,641	7,660	7,808	7,593	7,515	7,421	7,439	7,508
Ilocos Norte	1,096	1,092	1,094	1,088	1,093	1,093	1,104	1,114	1,118	1,129
Ilocos Sur	1,101	1,113	1,113	1,132	1,135	1,135	1,135	1,170	1,191	1,209
La Union	2,100	2,238	2,135	2,128	2,079	2,099	2,008	2,005	1,997	2,040
Pangasinan	3,829	3,952	3,299	3,312	3,501	3,265	3,268	3,131	3,133	3,130
Cagayan Valley	3,295	3,396	3,351	3,690	3,159	3,780	3,516	3,508	3,439	3,171
Batanes	..	..	..	..	..	..	2	2	2	1
Cagayan	1,720	1,753	1,634	1,640	1,551	1,605	1,607	1,593	1,571	1,570
Isabela	956	1,000	1,072	1,455	1,071	1,647	1,412	1,426	1,402	1,142
Nueva Vizcaya	574	595	597	547	492	480	451	446	424	421
Quirino	45	48	48	48	45	48	44	41	40	37
Central Luzon	1,429	1,444	1,419	1,419	1,403	1,285	1,267	1,283	1,275	1,202
Aurora	615	626	610	605	603	605	581	597	604	558
Bataan	61	61	61	61	61	61	58	54	42	41
Bulacan	49	38	31	35	32	34	35	36	36	37
Nueva Ecija	53	60	62	62	62	61	60	58	56	54
Pampanga	262	262	261	261	256	134	141	145	139	139
Tarlac	379	385	381	381	376	376	376	376	381	356
Zambales	10	12	13	14	13	14	16	17	17	17
CALABARZON	1,101	970	980	982	849	804	584	543	497	487
Batangas	352	332	338	337	337	287	94	55	30	27
Cavite	386	275	279	279	164	169	143	144	131	131
Laguna	2	2	2	6	4	6	7	10	9	5
Quezon	293	294	294	293	278	286	284	278	271	268
Rizal	68	67	67	67	66	56	56	56	56	56
MIMAROPA	1,167	1,157	1,176	1,183	1,173	1,182	1,177	1,155	1,156	1,165
Marinduque	135	132	132	133	131	129	129	129	122	122
Occidental Mindoro	413	418	425	430	435	442	448	424	430	433
Oriental Mindoro	3	3	3	3	9	10	11	12	14	15
Palawan	564	557	569	570	550	552	540	540	540	543
Romblon	52	47	47	48	48	49	49	50	51	52
Bicol Region	1,345	1,382	1,379	1,374	1,367	1,338	1,332	1,276	1,214	1,214
Albay	827	833	837	835	833	820	815	760	700	640
Camarines Norte	25	26	26	22	22	21	22	22	22	22
Camarines Sur	311	326	316	316	308	297	295	295	293	293
Catanduanes	93	84	84	84	84	84	84	84	84	144
Masbate	30	54	57	58	59	59	59	59	59	59
Sorsogon	59	59	59	59	61	57	57	56	56	56
Western Visayas	2,667	3,262	3,390	3,474	3,314	3,337	3,349	3,377	3,387	3,409
Aklan	72	77	74	67	67	69	75	75	69	65
Antique	396	795	753	760	671	623	590	596	585	585
Capiz	64	74	76	83	87	86	89	93	91	90
Guimaras	14	13	14	15	13	15	17	17	17	17
Iloilo	1,475	1,660	1,830	1,908	1,840	1,905	1,939	1,958	1,986	2,000
Negros Occidental	646	643	643	641	636	639	639	639	639	652
Central Visayas	1,729	1,697	1,699	1,757	1,553	1,477	1,419	1,349	1,221	1,183
Bohol	598	584	571	583	395	393	363	360	360	355
Cebu	525	510	509	513	501	476	475	467	345	333
Negros Oriental	380	375	389	428	434	396	386	341	339	317
Siquijor	226	228	230	233	223	212	195	182	177	178
Eastern Visayas	867	869	868	874	869	869	849	807	690	688
Biliran	18	19	17	16	16	20	20	19	18	18
Eastern Samar	49	49	49	49	49	49	49	44	33	30
Leyte	494	494	494	498	496	499	479	458	356	361
Northern Samar	35	36	37	37	37	36	36	36	37	36
Southern Leyte	214	214	215	217	217	215	216	211	211	212
Samar (Western Samar)	57	57	56	56	54	50	49	39	35	31
Zamboanga Peninsula	1,009	985	1,047	1,061	940	899	843	718	692	618
Zamboanga del Norte	77	72	157	156	152	149	157	139	141	85
Zamboanga del Sur	511	510	501	507	502	490	469	471	472	473
Zamboanga Sibugay	340	331	315	327	219	193	150	48	23	20
Zamboanga City	81	72	74	71	67	67	67	60	56	40
Northern Mindanao	1,967	2,010	1,985	2,048	2,047	1,967	1,924	1,843	1,787	1,717
Bukidnon	440	445	420	427	415	425	425	426	430	392
Camiguin	8	9	9	9	9	9	8	8	7	7
Lanao del Norte	1,463	1,505	1,506	1,560	1,571	1,480	1,440	1,360	1,305	1,275
Misamis Occidental	23	23	23	27	33	36	37	32	31	30
Misamis Oriental	33	28	27	25	19	17	14	17	14	13
Davao Region	787	795	802	818	733	522	501	515	517	529
Davao del Norte	73	80	85	90	91	95	99	100	103	106
Davao del Sur	143	143	145	152	148	142	135	138	140	146
Davao Oriental	53	52	52	50	49	49	45	43	43	43
Compostela Valley	108	110	117	126	127	116	105	116	113	116
Davao City	410	410	403	400	318	120	117	118	118	118
SOCCSKSARGEN	500	452	504	543	525	532	544	536	539	511
North Cotabato	239	244	257	248	251	247	247	250	251	244
Sarangani	36	36	36	36	29	29	30	31	30	22
South Cotabato	16	19	24	28	30	28	30	34	37	36
Sultan Kudarat	209	153	187	231	215	228	237	222	221	210
Caraga	359	237	233	105	138	105	113	119	137	148
Agusan del Norte	130	137	134	23	25	18	19	15	17	15
Agusan del Sur	175	42	39	24	60	41	51	61	77	90
Dinagat Islands	..	..	..	..	..	..	..	1	0	0
Surigao del Norte	20	20	20	21	16	10	7	4	4	3
Surigao del Sur	34	38	40	37	37	36	36	38	39	39
ARMM	1,012	1,008	999	994	991	961	928	903	821	801
Basilan	42	42	38	38	37	37	37	37	34	34
Lanao del Sur	452	452	452	452	452	452	440	430	430	430
Maguindanao	190	185	175	175	176	146	130	120	127	110
Sulu	232	235	241	239	238	239	236	233	170	168
Tawi-tawi	96	94	93	90	88	87	85	83	60	59

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Pechay Chinese										
Philippines	3,446	3,645	3,728	3,736	3,735	3,742	3,759	3,775	3,697	3,625
NCR										
CAR	2,732	2,850	2,878	2,827	2,819	2,791	2,791	2,786	2,787	2,770
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	2,538	2,542	2,550	2,537	2,584	2,584	2,584	2,579	2,580	2,572
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	2	2	2	2	2	2	2	1	..	..
Mountain Province	192	306	326	288	233	205	205	206	207	198
Ilocos Region	0	0	1	0	0	0	0	0	0	0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0	0	1	0	0	0	0	0	0	0
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	28	26	27	24	23	26	31	27	27	21
Batanes	..	..	..	..	..	..	..	..	..	0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	28	26	27	24	23	26	31	27	27	21
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	18	33	33	36	36	34	35	35	31	31
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	2	16	17	18	17	16	17	17	13	13
Quezon	16	17	16	18	19	18	18	18	18	18
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	416	448	457	469	479	496	487	474	380	348
Bohol	..	2	3	4	5	4	3	2	1	0
Cebu	407	435	440	449	454	474	463	456	365	335
Negros Oriental	9	11	14	16	20	18	21	16	15	12
Siquijor	..	..	..	..	..	..	..	..	0	0
Eastern Visayas	2	2	2	2	2	2	2	2	2	2
Biliran	2	2	2	2	2	2	2	2	2	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	11	11	11	10	9	10	11	12	12	12
Zamboanga del Norte	6	6	7	6	5	6	7	7	7	6
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	5	5	4	4	4	4	5	5	5	6
Northern Mindanao	109	130	176	209	208	228	240	274	294	279
Bukidnon	75	100	140	170	169	185	193	232	236	223
Camiguin	..	0	0	0	0	..	0	0	0	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	3	3	5	6	7	8	9	9	9	10
Misamis Oriental	31	27	31	33	32	35	38	33	49	46
Davao Region	71	80	83	95	99	97	99	99	95	100
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	56	65	70	81	85	85	87	87	84	88
Davao Oriental	2	2	2	2	2	2	1	..	..	..
Compostela Valley	7	7	5	6	6	4	3	4	3	4
Davao City	6	6	6	6	6	6	8	8	8	8
SOCCSKSARGEN	58	64	61	62	60	59	64	67	69	62
North Cotabato	51	56	49	51	50	50	52	53	55	49
Sarangani	5	6	6	5	5	4	3	3	3	2
South Cotabato	2	2	6	6	5	5	8	11	11	11
Sultan Kudarat	..	..	..	..	..	..	1	1	1	1
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Pechay Native										
Philippines	6,900	7,090	7,185	7,194	7,097	7,079	7,122	7,108	7,103	7,132
NCR										
CAR	566	563	564	560	536	529	530	526	523	507
Abra	11	11	11	11	11	11	11	11	11	11
Apayao	1	1	1	2	2	2	2	3	3	3
Benguet	471	474	476	472	447	440	442	437	435	422
Ifugao	22	23	23	23	22	23	24	24	24	24
Kalinga	20	21	21	21	21	21	20	21	22	22
Mountain Province	41	33	32	31	32	32	31	30	28	25
Ilocos Region	473	491	474	465	452	452	456	451	456	462
Ilocos Norte	85	88	87	91	91	91	93	95	100	104
Ilocos Sur	15	17	19	21	21	21	21	21	21	22
La Union	17	18	21	21	20	21	22	22	23	22
Pangasinan	356	368	347	332	320	319	321	312	313	314
Cagayan Valley	921	948	975	917	858	857	863	867	883	878
Batanes	..	..	..	..	..	..	6	5	6	4
Cagayan	489	508	520	442	418	419	412	418	430	430
Isabela	282	282	290	310	281	296	302	308	305	308
Nueva Vizcaya	139	146	153	152	147	130	133	127	128	121
Quirino	11	12	12	13	12	12	10	10	14	15
Central Luzon	284	324	333	340	310	348	355	362	352	392
Aurora	27	29	27	28	30	31	33	32	32	28
Bataan	5	5	5	7	7	7	7	7	7	7
Bulacan	26	51	58	56	62	62	64	69	75	120
Nueva Ecija	74	83	88	90	56	91	91	91	88	88
Pampanga	44	45	45	45	47	45	46	48	45	45
Tarlac	72	72	72	72	65	65	65	65	55	55
Zambales	36	39	38	42	43	47	49	50	50	50
CALABARZON	752	749	746	748	766	780	791	791	791	801
Batangas	54	49	50	48	48	49	46	41	43	44
Cavite	36	37	38	38	44	44	59	58	60	60
Laguna	76	81	85	88	88	91	90	85	79	86
Quezon	508	508	505	506	518	525	525	536	538	540
Rizal	78	74	68	68	68	71	71	71	71	71
MIMAROPA	159	160	175	181	190	192	197	203	207	211
Marinduque	20	22	23	23	22	22	22	22	22	22
Occidental Mindoro	17	14	20	22	26	30	32	37	39	41
Oriental Mindoro	21	22	23	23	25	26	26	30	33	34
Palawan	88	88	95	99	103	100	102	98	98	99
Romblon	13	14	14	14	14	15	15	15	15	16
Bicol Region	2,199	2,249	2,253	2,252	2,258	2,248	2,239	2,240	2,238	2,246
Albay	560	563	567	567	567	562	549	549	549	549
Camarines Norte	48	52	50	46	46	46	48	49	49	48
Camarines Sur	1,554	1,518	1,518	1,520	1,521	1,516	1,517	1,517	1,515	1,518
Catanduanes	22	22	22	22	22	22	22	22	22	28
Masbate	8	87	89	90	93	93	93	93	93	93
Sorsogon	7	7	7	7	9	9	10	10	10	10
Western Visayas	240	253	248	254	256	264	264	249	260	262
Aklan	42	43	42	44	44	44	42	34	38	34
Antique	23	24	22	22	23	23	25	25	26	27
Capiz	38	37	37	34	33	37	34	28	30	33
Guimaras	7	8	9	9	7	6	7	8	8	9
Iloilo	50	58	52	56	58	62	62	61	65	66
Negros Occidental	80	83	86	90	92	92	94	92	93	93
Central Visayas	202	208	239	286	296	220	229	214	196	173
Bohol	102	107	135	180	194	134	136	142	119	105
Cebu	12	12	13	15	15	16	18	20	22	23
Negros Oriental	85	86	88	88	84	67	72	50	53	43
Siquijor	3	3	3	3	3	3	3	2	2	2
Eastern Visayas	166	168	171	167	167	166	170	158	148	153
Biliran	20	20	22	22	23	21	21	20	18	18
Eastern Samar	12	13	13	13	13	13	14	14	15	16
Leyte	91	92	92	87	86	87	90	79	70	73
Northern Samar	3	3	3	3	3	3	3	3	3	4
Southern Leyte	20	21	21	22	22	23	22	22	22	23
Samar (Western Samar)	19	19	20	20	20	19	20	21	21	20
Zamboanga Peninsula	258	253	255	259	254	262	253	247	238	241
Zamboanga del Norte	37	38	42	44	42	46	46	41	41	39
Zamboanga del Sur	34	34	33	32	32	33	33	33	34	37
Zamboanga Sibugay	12	11	14	17	17	20	23	20	18	20
Zamboanga City	175	170	166	166	163	163	152	153	145	146
Northern Mindanao	158	169	178	192	195	200	207	212	212	212
Bukidnon	30	31	33	35	34	35	36	36	33	33
Camiguin	8	9	10	9	8	9	9	9	9	10
Lanao del Norte	68	73	73	81	84	85	86	89	91	90
Misamis Occidental	23	25	27	29	32	33	35	37	38	40
Misamis Oriental	29	31	35	38	37	38	41	42	41	39
Davao Region	178	190	194	202	206	209	216	231	245	256
Davao del Norte	52	54	54	52	51	53	51	50	54	64
Davao del Sur	34	44	51	59	61	61	64	64	68	69
Davao Oriental	43	43	43	43	43	44	46	46	49	49
Compostela Valley	30	30	27	29	30	28	30	44	46	46
Davao City	19	19	19	19	21	23	25	27	28	28
SOCCSKSARGEN	126	133	138	141	131	128	126	128	131	119
North Cotabato	76	80	82	84	82	82	85	85	89	81
Sarangani	27	28	28	28	24	20	18	15	14	11
South Cotabato	15	16	20	21	17	17	14	18	19	18
Sultan Kudarat	8	9	8	9	9	9	9	9	9	9
Caraga	119	134	148	135	128	125	128	131	127	129
Agusan del Norte	37	39	40	32	28	34	33	22	22	19
Agusan del Sur	42	50	60	58	53	50	54	58	62	63
Dinagat Islands	..	..	..	..	..	..	..	1	1	1
Surigao del Norte	13	14	16	15	15	11	10	17	10	14
Surigao del Sur	27	31	32	30	32	30	31	33	32	32
ARMM	99	100	95	96	95	99	98	98	98	91
Basilan	8	8	8	9	9	9	9	9	9	9
Lanao del Sur	26	26	26	26	26	26	24	24	23	23
Maguindanao	19	21	15	15	15	14	12	12	13	8
Sulu	40	39	39	38	37	42	44	44	44	43
Tawi-tawi	6	6	7	8	8	8	9	9	9	9

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Radish										
Philippines	1,355	1,363	1,375	1,369	1,375	1,352	1,350	1,357	1,349	1,355
NCR										
CAR	119	131	131	130	135	133	130	128	132	128
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	119	120	120	120	125	123	120	118	123	120
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	11	11	10	10	10	10	10	9	8
Ilocos Region	26	23	17	17	15	13	12	10	10	10
Ilocos Norte	5	4	..	..	..	..	..	..	..	..
Ilocos Sur	5	4	3	3	3	2	2	3	3	3
La Union	1	1	1	1	1	1	1	1	1	1
Pangasinan	15	14	13	12	12	9	8	7	7	6
Cagayan Valley	37	36	33	28	35	25	22	23	22	21
Batanes	..	..	..	..	..	..	0	0	0	0
Cagayan	8	9	7	7	6	7	7	7	7	7
Isabela	16	17	13	11	11	5	4	4	3	3
Nueva Vizcaya	13	10	13	10	18	14	11	12	12	11
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	81	87	84	87	85	86	88	90	83	81
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	2	2	2	2	2	1	1	1	1	1
Bulacan	14	14	12	12	14	15	15	16	16	17
Nueva Ecija	33	33	34	34	33	32	31	31	31	29
Pampanga	18	18	18	18	15	16	20	20	17	17
Tarlac	7	10	8	8	8	8	8	8	4	3
Zambales	7	10	10	13	13	14	14	14	14	14
CALABARZON	308	311	308	295	308	292	283	271	257	257
Batangas	24	27	26	26	27	24	21	11	7	7
Cavite	24	23	26	35	46	43	34	35	34	33
Laguna	177	174	168	140	142	133	134	129	120	119
Quezon	66	66	69	72	73	72	74	76	76	78
Rizal	17	21	19	22	20	20	20	20	20	20
MIMAROPA	23	26	33	40	44	50	51	52	56	57
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	7	6	7	8	10	12	13	14	15	18
Oriental Mindoro	1	1	1	1	1	1	1	1	1	2
Palawan	6	9	15	20	22	26	26	26	28	26
Romblon	9	10	10	10	10	11	11	11	11	11
Bicol Region	61	63	63	62	59	59	59	61	61	60
Albay	19	21	21	21	20	20	19	21	21	20
Camarines Norte	3	3	3	2	2	2	2	2	2	2
Camarines Sur	25	25	25	25	24	24	24	24	24	23
Catanduanes	3	3	3	3	3	3	3	3	3	4
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	11	11	11	11	10	10	11	11	11	11
Western Visayas	155	152	144	147	136	140	138	132	140	139
Aklan	10	11	11	10	10	10	10	10	11	11
Antique	8	7	6	7	8	9	10	10	12	12
Capiz	4	6	6	8	9	11	11	12	15	15
Guimaras	4	4	5	5	5	4	4	4	4	2
Iloilo	49	52	48	52	53	54	51	45	46	47
Negros Occidental	80	72	68	65	52	52	52	52	52	52
Central Visayas	44	45	57	61	61	52	57	72	84	96
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	33	33	40	40	40	31	34	33	34	34
Negros Oriental	11	12	17	21	21	21	23	39	50	62
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	3	3	4	5	5	5	5	7	7	7
Biliran	1	1	1	2	1	1	1	2	2	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	2	2	3	3	3	4	4	5	5	5
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	86	83	85	86	85	92	100	94	72	69
Zamboanga del Norte	4	3	3	4	5	6	6	7	7	7
Zamboanga del Sur	19	14	13	13	14	14	16	16	17	17
Zamboanga Sibugay	7	9	12	13	11	10	10	7	6	6
Zamboanga City	56	57	57	56	55	62	68	64	42	40
Northern Mindanao	46	43	42	31	27	29	30	34	37	31
Bukidnon	18	16	14	8	7	7	5	4	5	4
Camiguin	..	0	..	..	..	..	..	..	0	..
Lanao del Norte	24	22	22	17	15	14	16	18	18	14
Misamis Occidental	3	3	3	3	4	4	7	8	8	8
Misamis Oriental	2	2	3	3	1	4	2	4	6	5
Davao Region	215	210	213	219	225	231	226	236	242	246
Davao del Norte	18	20	18	16	17	16	14	13	15	14
Davao del Sur	31	23	22	22	23	23	24	21	21	22
Davao Oriental	10	8	8	8	8	8	8	8	10	10
Compostela Valley	132	134	139	147	150	145	138	150	152	155
Davao City	24	25	26	26	27	39	42	44	44	45
SOCCSKSARGEN	78	83	101	107	109	110	112	109	111	110
North Cotabato	38	42	44	48	50	51	54	54	56	55
Sarangani	16	17	23	23	22	21	22	18	17	17
South Cotabato	8	11	13	13	13	13	11	11	12	11
Sultan Kudarat	17	14	21	23	25	26	26	27	27	27
Caraga	27	26	19	13	12	7	7	5	5	6
Agusan del Norte	10	9	9	7	5	3	3	2	1	2
Agusan del Sur	10	10	4	2	3	3	3	3	2	2
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	5	4	3	2	2	0	..	..	..	..
Surigao del Sur	2	3	3	2	2	1	1	1	2	2
ARMM	45	42	42	43	35	30	32	34	31	39
Basilan	3	3	3	4	4	4	4	4	4	4
Lanao del Sur	5	5	5	5	5	5	6	8	4	8
Maguindanao	28	25	25	25	17	12	13	13	14	18
Sulu	9	9	9	9	9	9	9	9	9	9
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Squash Fruit										
Philippines	13,624	13,779	13,684	13,565	13,427	12,877	12,873	12,771	12,757	12,829
NCR										
CAR	237	244	243	243	247	238	252	272	275	275
Abra	131	131	131	131	131	131	131	131	131	131
Apayao	11	12	11	12	20	13	28	50	54	55
Benguet	20	20	20	20	19	18	18	18	18	17
Ifugao	21	23	23	23	22	22	22	22	23	23
Kalinga	18	19	19	19	19	19	17	15	13	13
Mountain Province	36	39	39	38	36	35	36	36	36	36
Ilocos Region	1,491	1,475	1,385	1,330	1,276	1,226	1,219	1,193	1,178	1,173
Ilocos Norte	553	545	543	536	533	508	493	466	448	436
Ilocos Sur	90	85	85	84	86	89	89	90	91	99
La Union	232	241	248	244	236	237	243	247	248	249
Pangasinan	616	605	510	466	420	391	393	390	391	389
Cagayan Valley	2,504	2,570	2,594	2,619	2,459	2,314	2,257	2,164	2,137	2,180
Batanes	..	..	..	..	..	..	5	4	4	4
Cagayan	673	705	705	608	534	553	553	563	553	496
Isabela	362	373	390	402	326	287	281	280	275	275
Nueva Vizcaya	1,308	1,331	1,338	1,448	1,454	1,359	1,308	1,205	1,210	1,310
Quirino	161	161	161	161	145	115	110	112	95	95
Central Luzon	1,131	1,154	1,117	1,095	1,090	1,070	1,080	1,085	1,082	1,112
Aurora	47	50	52	55	57	59	59	55	61	56
Bataan	12	12	12	12	12	12	12	14	13	13
Bulacan	40	38	40	36	33	33	33	34	35	92
Nueva Ecija	788	800	768	748	756	755	756	760	763	763
Pampanga	87	90	86	86	83	75	78	78	74	74
Tarlac	95	96	90	85	75	60	58	58	48	28
Zambales	62	68	69	73	74	76	83	86	88	86
CALABARZON	2,110	2,135	2,009	1,987	1,980	2,007	1,966	1,943	1,914	1,924
Batangas	348	360	369	354	364	424	394	384	364	366
Cavite	145	150	140	140	137	138	138	137	137	132
Laguna	268	271	220	218	222	221	215	216	205	216
Quezon	1,328	1,335	1,261	1,256	1,238	1,205	1,200	1,187	1,189	1,191
Rizal	21	19	19	19	19	19	19	19	19	19
MIMAROPA	166	162	168	178	190	200	203	211	226	231
Marinduque	24	23	23	25	24	24	75	24	24	25
Occidental Mindoro	60	60	59	62	68	75	22	78	81	83
Oriental Mindoro	21	21	23	23	25	27	24	25	32	33
Palawan	31	31	35	40	44	44	32	51	55	57
Romblon	29	28	28	29	29	30	50	32	34	34
Bicol Region	1,106	1,156	1,149	1,111	1,107	1,084	1,089	1,088	1,079	1,102
Albay	720	725	725	690	675	655	655	655	645	665
Camarines Norte	118	125	122	118	128	128	131	131	132	133
Camarines Sur	143	171	164	164	164	162	162	162	162	164
Catanduanes	34	34	34	34	34	34	34	34	34	34
Masbate	60	70	73	74	76	76	76	76	76	76
Sorsogon	31	31	31	31	30	29	31	30	30	30
Western Visayas	923	936	932	921	937	903	896	854	867	866
Aklan	50	49	48	45	48	47	50	38	35	41
Antique	32	42	41	38	39	35	35	35	36	34
Capiz	90	86	80	86	91	84	84	60	71	71
Guimaras	10	12	18	18	17	17	18	19	22	20
Iloilo	303	309	308	303	312	298	292	284	285	285
Negros Occidental	438	438	437	431	431	421	418	418	418	415
Central Visayas	935	872	841	862	948	795	807	814	841	834
Bohol	46	52	56	62	72	61	67	67	63	62
Cebu	378	319	324	326	324	295	295	306	398	421
Negros Oriental	488	475	435	447	526	411	419	414	355	327
Siquijor	23	26	26	27	26	28	26	27	25	24
Eastern Visayas	379	378	380	385	381	381	393	372	345	350
Biliran	37	36	37	34	33	31	31	29	28	29
Eastern Samar	75	74	76	76	76	76	77	76	68	65
Leyte	134	135	135	142	141	140	146	132	113	120
Northern Samar	9	9	9	9	9	9	15	15	15	14
Southern Leyte	95	95	96	96	96	97	98	98	98	100
Samar (Western Samar)	29	29	28	28	26	28	27	22	23	22
Zamboanga Peninsula	593	568	558	559	541	536	542	546	562	554
Zamboanga del Norte	119	117	123	122	115	120	123	118	119	113
Zamboanga del Sur	158	128	107	109	102	88	86	84	84	81
Zamboanga Sibugay	126	137	142	140	134	130	132	141	144	144
Zamboanga City	190	186	186	188	190	198	201	203	215	216
Northern Mindanao	805	858	1,014	1,021	1,024	1,069	1,079	1,106	1,109	1,068
Bukidnon	402	440	515	530	515	553	555	574	586	547
Camiguin	4	6	7	7	7	6	6	6	6	6
Lanao del Norte	168	171	171	160	164	166	170	174	165	164
Misamis Occidental	70	75	128	139	150	158	167	169	175	178
Misamis Oriental	161	166	193	185	188	186	181	183	177	173
Davao Region	524	538	549	550	562	535	540	556	558	578
Davao del Norte	155	155	159	159	160	158	160	160	157	180
Davao del Sur	125	132	136	121	127	120	122	122	122	115
Davao Oriental	67	70	70	70	70	70	67	62	62	62
Compostela Valley	93	97	100	115	117	112	105	124	127	129
Davao City	84	84	84	85	88	75	86	88	90	92
SOCCSKSARGEN	177	178	191	207	221	212	234	248	266	264
North Cotabato	54	55	59	61	64	67	67	69	77	79
Sarangani	42	45	45	46	44	44	44	44	45	45
South Cotabato	28	30	32	33	38	38	37	39	43	43
Sultan Kudarat	53	48	55	67	75	63	86	96	102	97
Caraga	400	408	406	349	309	166	170	184	187	184
Agusan del Norte	202	200	200	194	195	75	73	91	95	87
Agusan del Sur	136	145	140	94	57	47	51	55	61	64
Dinagat Islands	..	..	..	..	..	..	..	2	2	2
Surigao del Norte	17	18	19	19	19	17	19	12	6	8
Surigao del Sur	45	45	47	42	38	27	27	24	23	23
ARMM	145	147	148	148	155	143	147	137	132	134
Basilan	12	12	12	13	13	13	13	13	13	13
Lanao del Sur	30	30	30	30	30	30	31	22	22	22
Maguindanao	53	55	55	55	62	50	53	53	55	58
Sulu	28	28	29	30	30	30	31	30	30	30
Tawi-tawi	22	22	22	21	21	20	20	19	12	11

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stringbeans										
Philippines	14,707	15,021	14,848	14,832	14,681	14,298	14,205	13,770	13,786	13,808
NCR										
CAR	176	177	175	177	174	172	181	187	191	185
Abra	25	25	25	25	25	25	25	25	25	25
Apayao	6	8	7	7	7	6	11	15	20	21
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	109	109	108	108	106	106	106	106	104	96
Kalinga	28	29	29	31	31	31	34	36	37	38
Mountain Province	8	6	6	6	5	4	5	5	5	5
Ilocos Region	1,218	1,244	1,274	1,287	1,330	1,338	1,348	1,366	1,369	1,395
Ilocos Norte	526	529	533	535	544	544	539	542	541	544
Ilocos Sur	164	170	180	178	179	182	182	184	185	195
La Union	254	258	267	285	285	285	298	311	314	324
Pangasinan	274	287	294	289	321	327	329	329	329	332
Cagayan Valley	2,013	1,952	2,018	1,936	1,736	1,700	1,763	1,801	1,792	1,773
Batanes	..	..	..	..	..	..	5	4	5	4
Cagayan	807	822	813	793	682	695	721	748	743	713
Isabela	226	210	289	282	275	295	350	360	358	370
Nueva Vizcaya	840	780	776	721	656	612	595	595	595	594
Quirino	140	140	140	140	123	98	92	94	91	91
Central Luzon	1,863	1,954	1,970	1,975	1,967	1,927	1,932	1,913	1,932	1,940
Aurora	93	95	98	100	102	98	99	99	102	85
Bataan	38	38	38	38	38	38	38	33	31	31
Bulacan	560	631	673	674	672	680	674	647	668	698
Nueva Ecija	689	699	667	666	662	661	661	659	661	660
Pampanga	287	290	285	285	283	243	245	260	252	252
Tarlac	18	19	25	25	25	22	22	22	22	20
Zambales	178	182	184	187	185	185	193	193	196	194
CALABARZON	1,472	1,487	1,494	1,487	1,482	1,500	1,535	1,509	1,503	1,493
Batangas	105	108	106	106	218	238	255	234	234	229
Cavite	130	131	130	132	86	89	106	108	107	107
Laguna	218	220	228	213	136	140	139	134	129	124
Quezon	102	105	105	105	937	938	940	938	938	938
Rizal	917	923	925	931	105	95	95	95	95	95
MIMAROPA	288	291	307	304	317	324	324	328	342	360
Marinduque	16	17	19	19	18	20	20	20	22	23
Occidental Mindoro	142	143	149	148	154	152	151	152	155	162
Oriental Mindoro	25	26	27	27	29	30	31	32	39	46
Palawan	65	66	72	69	73	44	78	78	80	82
Romblon	40	39	40	41	43	78	45	45	46	47
Bicol Region	1,115	1,320	1,320	1,314	1,324	1,313	1,328	1,320	1,331	1,335
Albay	388	396	396	396	401	401	401	395	405	405
Camarines Norte	112	116	112	104	106	104	105	106	107	108
Camarines Sur	425	470	471	472	475	472	474	475	475	477
Catanduanes	9	9	9	9	9	9	9	9	9	12
Masbate	9	154	157	158	160	160	160	160	160	160
Sorsogon	172	175	175	175	173	167	179	175	175	173
Western Visayas	857	870	878	864	863	865	883	849	869	860
Aklan	45	49	54	54	54	54	54	46	48	46
Antique	72	79	78	73	73	72	75	76	78	79
Capiz	95	93	85	81	81	80	75	59	76	78
Guimaras	51	50	52	53	49	51	53	51	53	48
Iloilo	263	268	269	261	260	261	280	276	273	267
Negros Occidental	331	331	340	342	346	346	346	341	341	342
Central Visayas	1,425	1,437	1,052	1,078	1,085	1,031	788	388	389	401
Bohol	121	135	138	158	164	106	110	113	110	108
Cebu	134	130	140	144	147	154	147	153	149	155
Negros Oriental	1,163	1,162	762	764	764	760	521	114	122	130
Siquijor	7	10	12	12	10	11	10	8	8	8
Eastern Visayas	376	379	381	388	385	388	392	355	319	334
Biliran	14	14	13	12	12	12	12	11	9	12
Eastern Samar	15	16	16	16	16	16	16	15	15	16
Leyte	281	283	285	293	293	292	296	262	226	236
Northern Samar	9	9	9	9	9	9	9	9	9	12
Southern Leyte	23	23	24	24	23	25	25	25	25	27
Samar (Western Samar)	34	34	34	34	32	34	34	33	34	31
Zamboanga Peninsula	603	601	612	607	596	597	600	581	569	537
Zamboanga del Norte	310	308	313	315	307	308	308	289	292	259
Zamboanga del Sur	77	80	81	79	78	71	69	71	72	72
Zamboanga Sibugay	32	34	37	40	39	38	42	38	26	31
Zamboanga City	184	179	181	173	172	180	181	183	179	175
Northern Mindanao	278	291	309	326	335	427	442	450	459	456
Bukidnon	39	41	45	49	46	48	52	54	54	53
Camiguin	5	4	5	5	6	6	6	6	6	6
Lanao del Norte	28	31	32	45	47	49	51	54	54	53
Misamis Occidental	36	42	43	45	49	131	132	133	135	137
Misamis Oriental	170	173	184	182	187	193	201	203	210	207
Davao Region	2,642	2,626	2,659	2,671	2,651	2,320	2,301	2,327	2,331	2,326
Davao del Norte	394	387	394	392	388	389	392	392	391	380
Davao del Sur	168	168	173	187	188	188	188	188	183	186
Davao Oriental	155	151	152	150	150	150	150	152	157	157
Compostela Valley	275	271	272	274	272	268	251	280	285	288
Davao City	1,650	1,649	1,668	1,668	1,653	1,325	1,320	1,315	1,315	1,315
SOCCSKSARGEN	167	169	174	197	200	207	203	208	210	223
North Cotabato	63	68	69	73	73	75	79	82	84	96
Sarangani	42	42	42	42	38	40	40	39	38	38
South Cotabato	49	45	49	68	74	77	68	72	74	75
Sultan Kudarat	13	14	14	14	15	15	16	15	15	15
Caraga	153	159	161	154	170	120	114	117	109	120
Agusan del Norte	83	87	85	77	79	54	46	50	44	45
Agusan del Sur	21	23	25	28	27	23	25	28	31	41
Dinagat Islands	..	..	..	..	..	..	..	4	4	4
Surigao del Norte	31	28	28	27	39	20	19	15	10	10
Surigao del Sur	18	21	23	22	25	23	24	20	20	20
ARMM	62	63	65	67	67	70	71	71	73	73
Basilan	9	9	9	10	10	10	10	10	10	10
Lanao del Sur	..	..	..	1	1	1	1	2	2	2
Maguindanao	9	10	10	10	11	14	13	13	15	14
Sulu	42	42	44	44	43	44	45	44	44	44
Tawi-tawi	2	2	2	2	2	2	2	2	3	3

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tomato										
Philippines	17,128	17,544	17,646	17,656	17,663	17,556	17,345	17,231	16,742	16,165
NCR										
CAR	376	388	379	366	357	360	359	355	356	342
Abra	53	53	53	53	53	53	53	53	53	53
Apayao	4	2	2	2	2	2	2	2	2	2
Benguet	241	241	240	238	229	230	230	229	231	230
Ifugao	4	4	4	4	4	4	4	4	4	7
Kalinga	22	22	22	22	21	21	19	16	16	14
Mountain Province	52	66	58	47	48	50	51	51	50	37
Ilocos Region	3,775	3,866	3,793	3,775	3,773	3,730	3,739	3,785	3,821	3,827
Ilocos Norte	1,210	1,245	1,219	1,331	1,359	1,376	1,386	1,390	1,387	1,377
Ilocos Sur	1,081	1,090	1,099	1,122	1,165	1,144	1,137	1,180	1,217	1,237
La Union	113	126	143	140	144	145	148	150	154	154
Pangasinan	1,372	1,405	1,332	1,183	1,105	1,065	1,068	1,065	1,064	1,059
Cagayan Valley	895	916	901	877	893	883	851	849	873	801
Batanes	..	..	..	..	..	..	2	2	3	2
Cagayan	57	52	55	53	46	51	48	50	52	54
Isabela	244	251	241	263	197	161	139	142	151	145
Nueva Vizcaya	588	605	597	552	642	663	652	646	658	591
Quirino	6	8	8	9	8	8	9	9	10	10
Central Luzon	3,311	3,523	3,342	3,371	3,379	3,374	3,396	3,399	3,482	3,214
Aurora	..	..	..	..	1	2	2	2	2	2
Bataan	33	33	33	33	33	33	33	33	32	32
Bulacan	78	140	150	157	163	170	176	172	179	183
Nueva Ecija	1,360	1,485	1,340	1,372	1,393	1,393	1,391	1,396	1,481	1,483
Pampanga	218	220	215	215	212	193	205	206	198	198
Tarlac	1,550	1,565	1,520	1,515	1,498	1,500	1,498	1,498	1,495	1,223
Zambales	72	80	84	79	79	83	91	92	95	93
CALABARZON	1,283	1,327	1,340	1,325	1,354	1,406	1,306	1,361	1,243	1,147
Batangas	251	265	275	271	276	310	282	286	184	123
Cavite	45	50	52	55	66	68	70	72	74	58
Laguna	565	596	597	580	592	599	522	547	520	501
Quezon	402	395	395	398	399	406	409	434	442	442
Rizal	20	21	21	21	21	23	23	23	23	23
MIMAROPA	216	222	231	243	266	280	294	310	329	344
Marinduque	10	9	9	9	9	9	9	9	9	9
Occidental Mindoro	102	104	110	117	133	144	155	163	168	173
Oriental Mindoro	5	6	6	6	7	7	7	13	22	28
Palawan	67	71	79	83	89	91	95	97	101	104
Romblon	32	31	27	28	28	29	28	28	29	30
Bicol Region	556	599	578	577	581	564	557	552	546	550
Albay	240	246	246	243	245	240	230	225	220	220
Camarines Norte	6	8	7	6	6	6	7	7	7	7
Camarines Sur	291	323	303	305	306	294	296	296	295	298
Catanduanes	3	3	3	3	3	3	3	3	3	4
Masbate	11	14	14	15	16	16	16	16	16	16
Sorsogon	5	5	5	5	5	5	5	5	5	5
Western Visayas	832	857	816	821	823	785	787	786	803	862
Aklan	23	25	26	27	28	28	28	25	25	25
Antique	80	78	65	62	62	56	54	54	55	54
Capiz	22	20	21	24	28	33	35	28	32	30
Guimaras	5	4	4	4	3	3	2	2	2	2
Iloilo	648	675	646	650	645	610	612	622	634	696
Negros Occidental	54	55	54	54	57	55	55	55	55	55
Central Visayas	1,501	1,346	1,364	1,347	1,400	1,326	1,220	1,159	653	620
Bohol	348	362	398	410	487	457	427	432	202	200
Cebu	860	695	690	662	640	600	520	507	280	263
Negros Oriental	288	283	270	268	267	262	266	216	168	154
Siquijor	5	6	6	7	6	7	7	4	3	3
Eastern Visayas	102	104	105	108	105	106	108	101	96	100
Biliran	17	16	17	16	16	20	18	17	14	15
Eastern Samar	5	6	6	6	6	6	6	6	6	6
Leyte	21	22	23	25	24	25	27	26	24	26
Northern Samar	8	8	8	8	8	8	8	8	8	10
Southern Leyte	17	17	19	20	20	20	20	20	19	20
Samar (Western Samar)	35	35	32	32	31	27	29	24	25	23
Zamboanga Peninsula	494	483	501	506	511	516	499	472	434	409
Zamboanga del Norte	108	107	117	124	123	126	129	98	101	82
Zamboanga del Sur	106	99	102	99	96	90	62	89	91	91
Zamboanga Sibugay	24	25	29	31	36	38	41	32	29	30
Zamboanga City	256	252	253	252	256	262	267	253	213	206
Northern Mindanao	2,301	2,386	2,763	2,807	2,697	2,748	2,727	2,648	2,629	2,529
Bukidnon	1,680	1,750	1,920	2,008	1,956	2,000	1,985	2,000	2,015	1,940
Camiguin	5	9	9	7	7	8	7	8	8	8
Lanao del Norte	73	70	71	74	72	74	76	79	78	76
Misamis Occidental	37	37	38	38	37	40	41	43	43	43
Misamis Oriental	506	520	725	680	625	626	618	518	485	462
Davao Region	618	641	649	652	653	637	644	641	651	640
Davao del Norte	19	21	20	19	21	19	21	21	21	16
Davao del Sur	288	303	306	306	306	309	319	322	320	314
Davao Oriental	55	56	56	57	57	58	60	60	70	70
Compostela Valley	118	122	128	131	130	120	107	96	96	96
Davao City	138	139	139	139	139	131	137	142	144	144
SOCCSKSARGEN	666	676	677	679	664	666	676	642	657	652
North Cotabato	484	497	499	502	490	495	500	470	483	474
Sarangani	39	37	37	35	32	32	32	31	32	33
South Cotabato	59	61	64	64	60	62	63	61	63	65
Sultan Kudarat	84	81	77	78	82	77	81	80	80	80
Caraga	72	78	78	75	75	55	58	49	50	53
Agusan del Norte	31	34	33	33	34	25	28	15	17	15
Agusan del Sur	18	19	20	17	16	14	15	16	18	23
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	8	8	7	7	7	4	3	6	4	4
Surigao del Sur	15	17	18	18	18	12	12	13	11	11
ARMM	131	133	128	128	131	121	125	120	119	75
Basilan	9	9	9	10	10	10	10	10	10	10
Lanao del Sur	13	13	13	13	13	13	14	10	10	10
Maguindanao	95	97	92	92	94	84	86	86	85	41
Sulu	10	10	10	10	10	10	10	9	9	9
Tawi-tawi	4	4	4	4	4	5	5	5	5	5

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Ubi										
Philippines	5,999	5,839	5,212	4,929	4,744	2,974	2,688	2,621	2,616	2,433
NCR										
CAR	23	25	25	27	28	29	31	33	34	33
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	1	1	1	2	2	3	3	4	4	4
Benguet	21	22	22	23	24	24	24	24	24	23
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1	2	2	2	2	2	4	5	6	6
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	14	17	19	19	20	19	20	31	45	45
Ilocos Norte	8	9	9	9	10	9	10	10	11	11
Ilocos Sur	..	..	..	..	..	..	..	10	22	22
La Union	6	8	10	10	10	10	10	11	12	12
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	367	345	333	315	293	275	335	329	330	317
Batanes	..	..	..	..	..	..	63	58	61	51
Cagayan	242	229	225	213	206	196	196	202	207	207
Isabela	74	67	65	58	44	35	33	29	25	25
Nueva Vizcaya	41	39	33	34	33	34	33	30	27	24
Quirino	10	10	10	10	10	10	10	10	10	10
Central Luzon	94	95	98	90	90	94	92	93	94	94
Aurora	40	39	41	36	36	39	37	40	42	41
Bataan	10	10	10	10	10	10	10	9	9	9
Bulacan	21	22	22	19	20	20	20	19	20	21
Nueva Ecija	5	5	5	5	5	5	5	5	3	3
Pampanga	5	5	5	5	4	4	4	4	4	4
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	13	14	15	15	15	16	16	16	16	16
CALABARZON	105	104	110	112	114	114	113	117	119	121
Batangas	20	20	21	23	24	23	19	19	21	22
Cavite	47	43	47	47	48	48	50	51	51	51
Laguna	15	17	18	18	18	18	19	20	20	21
Quezon	23	24	24	24	24	25	25	27	27	27
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	80	81	102	102	93	100	104	105	109	108
Marinduque	13	14	14	14	14	15	15	15	15	13
Occidental Mindoro	13	12	15	17	18	19	20	23	24	25
Oriental Mindoro	7	7	7	7	7	7	7	7	7	7
Palawan	6	7	25	30	29	34	36	40	44	44
Romblon	41	41	41	34	24	25	26	20	19	19
Bicol Region	98	96	104	98	97	94	92	91	88	88
Albay	75	75	75	68	67	64	62	61	58	58
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	4	3	3	3	3	3	3	3	3	3
Catanduanes	2	2	2	2	2	2	2	2	2	2
Masbate	13	12	20	21	21	21	21	21	21	21
Sorsogon	4	4	4	4	4	4	4	4	4	4
Western Visayas	74	77	95	105	99	99	100	98	93	99
Aklan	22	24	30	37	31	31	32	32	30	28
Antique	9	7	5	6	7	7	6	7	6	6
Capiz	2	3	6	7	8	7	9	9	11	12
Guimaras	2	3	13	13	12	11	12	10	8	13
Iloilo	17	18	20	20	19	20	19	18	17	19
Negros Occidental	22	22	22	22	22	22	22	22	22	22
Central Visayas	4,397	4,277	3,588	3,312	3,178	1,449	1,091	1,066	1,062	915
Bohol	4,311	4,197	3,498	3,221	3,095	1,370	1,015	992	994	847
Cebu	61	55	53	54	47	43	38	38	37	37
Negros Oriental	23	23	35	35	34	34	36	34	30	30
Siquijor	2	2	2	2	2	2	2	2	1	1
Eastern Visayas	215	216	230	233	233	232	242	205	199	199
Biliran	41	40	43	41	40	40	40	36	36	36
Eastern Samar	18	19	24	24	24	24	24	24	22	21
Leyte	118	118	120	123	124	124	133	100	97	98
Northern Samar	5	5	5	5	5	5	5	5	5	5
Southern Leyte	26	27	29	30	10	30	30	30	30	30
Samar (Western Samar)	7	7	10	10	31	9	10	10	9	9
Zamboanga Peninsula	60	58	57	58	59	59	63	60	61	61
Zamboanga del Norte	14	13	13	13	13	13	13	12	12	10
Zamboanga del Sur	24	23	22	22	21	21	24	24	27	24
Zamboanga Sibugay	12	13	13	13	15	16	16	14	13	19
Zamboanga City	10	9	9	9	10	10	10	10	9	8
Northern Mindanao	225	205	198	198	189	184	183	184	184	169
Bukidnon	11	12	11	10	9	8	6	4	4	4
Camiguin	19	17	11	10	7	5	5	4	2	2
Lanao del Norte	170	152	153	154	148	148	148	152	152	140
Misamis Occidental	15	14	14	14	15	15	15	15	15	14
Misamis Oriental	10	10	9	10	10	8	9	9	11	10
Davao Region	67	68	73	80	83	76	69	62	58	54
Davao del Norte	10	9	9	10	10	9	8	8	7	7
Davao del Sur	13	17	20	22	24	24	24	22	22	22
Davao Oriental	6	5	5	5	4	4	2	3	2	2
Compostela Valley	15	14	16	21	23	20	16	12	11	8
Davao City	23	23	23	22	22	19	19	17	16	16
SOCCSKSARGEN	64	67	74	77	74	74	73	72	69	64
North Cotabato	25	27	29	30	30	30	30	30	29	27
Sarangani	18	18	18	18	17	17	17	16	14	13
South Cotabato	10	11	16	18	18	18	17	18	18	16
Sultan Kudarat	11	11	11	11	9	9	9	8	8	8
Caraga	61	59	56	53	44	27	29	22	16	12
Agusan del Norte	13	10	8	7	6	4	3	4	4	4
Agusan del Sur	11	11	10	10	4	3	3	3	2	2
Dinagat Islands	..	..	..	..	..	..	..	1	0	0
Surigao del Norte	23	24	23	22	22	9	12	11	6	2
Surigao del Sur	14	14	15	14	12	11	11	5	5	5
ARMM	55	51	51	53	52	51	51	55	56	56
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	24	24	24	24	24	24	24	28	28	28
Maguindanao	31	27	27	29	28	27	27	27	28	28
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.6.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In hectares)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
White Potato										
Philippines	5,451	7,939	7,994	7,904	8,129	8,171	8,096	7,890	7,868	7,843
NCR										
CAR	3,456	5,900	5,932	5,824	6,069	6,116	6,083	5,892	5,885	5,894
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	2,707	4,819	4,844	4,833	5,174	5,176	5,157	4,969	4,969	5,014
Ifugao	7	9	10	10	10	10	10	10	10	10
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	742	1,072	1,078	981	885	930	916	913	906	870
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	75	78	76	79	70	69	66	64	64	61
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	1	1	1	1	1	1	1	1	1	1
Nueva Vizcaya	74	77	75	78	69	68	65	63	63	60
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1	1	1	1	1	1	1	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	1	1	1	1	1	1	1	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	1	1	1	..	..	..	..	..	..	..
Albay	1	1	1	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	19	22	20	19	21	21	18	13	3	2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	3	2	0	0	0	..	..	..	..	..
Negros Oriental	16	20	20	19	21	21	18	13	3	2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	548	556	562	573	568	560	550	543	537	500
Bukidnon	547	555	562	573	568	560	550	543	537	500
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	1	1	..	..	..	..	..	..	..	..
Davao Region	1,280	1,310	1,322	1,329	1,329	1,330	1,303	1,300	1,300	1,311
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	1,275	1,305	1,318	1,325	1,325	1,325	1,298	1,295	1,296	1,308
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	5	5	4	4	4	5	5	5	4	3
SOCCSKSARGEN	71	71	79	79	72	74	75	78	79	75
North Cotabato	20	19	18	19	17	19	20	22	23	22
Sarangani	15	15	15	15	15	14	14	14	13	13
South Cotabato	20	22	27	28	30	31	31	33	33	32
Sultan Kudarat	16	15	19	17	11	10	10	10	10	9
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
2012-2013: Revised due to inclusion of Batanes data

Source: Philippine Statistics Authority
Last updated: June 2016

Table 2.7.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION
2006 to 2015
(In metric tons)

Palay	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Philippines	15,326,706	16,240,194	16,815,548	16,266,417	15,772,319	16,684,062	18,032,525	18,439,420	18,967,826	18,149,838
NCR										
CAR	397,340	436,311	445,156	431,656	400,415	428,949	453,461	460,170	452,609	400,911
Abra	52,989	73,001	75,528	76,302	77,611	80,428	82,333	79,444	75,500	66,716
Apayao	95,017	104,701	101,632	100,379	96,689	98,489	105,891	106,741	101,158	96,453
Benguet	15,767	16,802	17,142	16,221	15,780	15,790	16,696	17,491	17,355	18,144
Ifugao	54,653	61,047	63,546	64,036	60,350	61,903	62,465	63,379	63,076	63,362
Kalinga	156,947	159,115	168,117	156,187	134,266	155,895	168,854	174,012	176,529	141,094
Mountain Province	21,967	21,645	19,191	18,531	15,719	16,444	17,222	19,103	18,991	15,142
Ilocos Region	1,597,168	1,642,301	1,691,629	1,351,715	1,558,373	1,602,814	1,737,695	1,750,057	1,796,229	1,777,121
Ilocos Norte	282,794	282,832	299,984	256,582	301,934	306,726	315,712	318,444	308,317	313,089
Ilocos Sur	196,068	197,494	202,647	168,028	183,182	191,152	208,380	209,302	205,302	210,875
La Union	142,108	150,860	161,709	124,997	132,557	146,666	156,023	157,275	168,885	172,000
Pangasinan	976,198	1,011,115	1,027,289	802,108	940,700	958,270	1,057,580	1,065,036	1,113,725	1,081,157
Cagayan Valley	1,953,755	2,025,245	2,080,240	2,077,036	1,745,722	2,144,766	2,425,536	2,423,200	2,514,934	2,489,647
Batanes	..	..	..	..	..	..	103	13	86	73
Cagayan	688,919	702,561	707,172	681,313	616,321	784,622	875,721	829,737	895,580	884,334
Isabela	987,760	1,036,917	1,063,875	1,084,811	865,839	1,068,275	1,216,535	1,249,873	1,277,623	1,256,390
Nueva Vizcaya	221,401	228,122	232,946	231,284	200,572	218,446	241,956	253,755	252,896	269,120
Quirino	55,675	57,645	76,247	79,628	62,990	73,423	91,221	89,822	88,749	79,730
Central Luzon	2,677,633	2,942,113	3,014,347	2,805,467	2,958,415	2,616,083	3,220,607	3,409,468	3,765,150	3,304,310
Aurora	80,754	88,317	89,709	89,988	84,994	85,433	90,791	87,900	94,785	86,971
Bataan	129,346	131,843	136,258	125,880	131,610	123,511	134,960	140,067	155,056	151,610
Bulacan	308,502	304,849	353,101	300,277	298,376	227,607	351,307	366,927	372,110	351,437
Nueva Ecija	1,231,176	1,356,161	1,372,378	1,360,915	1,374,173	1,313,487	1,587,163	1,672,666	1,930,996	1,580,620
Pampanga	334,375	390,290	398,910	332,972	393,328	310,456	388,187	419,721	433,106	425,609
Tarlac	478,521	557,943	550,552	491,233	562,180	450,757	549,299	585,077	638,906	570,095
Zambales	114,959	112,710	113,439	104,202	113,754	104,832	118,900	137,110	140,191	137,968
CALABARZON	358,364	391,418	428,085	383,035	390,189	399,193	389,272	411,785	405,582	392,907
Batangas	49,476	49,890	60,218	55,800	53,423	49,569	43,206	52,198	46,375	40,009
Cavite	37,617	38,685	41,697	39,119	46,614	38,482	38,495	42,177	46,280	42,361
Laguna	106,688	124,649	137,758	111,063	123,127	126,108	120,953	128,905	130,904	133,138
Quezon	128,405	149,412	156,936	153,553	139,092	154,525	160,951	159,773	154,780	146,988
Rizal	36,178	28,782	31,476	23,500	27,933	30,509	25,667	28,732	27,243	30,411
MIMAROPA	829,867	877,180	863,215	930,674	857,532	981,669	1,030,606	1,033,942	1,081,878	1,081,833
Marinduque	30,944	29,413	25,336	24,721	21,453	24,654	17,757	17,364	15,069	15,889
Occidental Mindoro	216,779	257,840	319,143	321,765	290,962	322,645	334,114	335,839	346,525	362,514
Oriental Mindoro	320,359	318,858	284,454	307,738	308,469	360,400	375,206	391,866	413,508	392,213
Palawan	228,095	243,883	205,092	244,175	204,807	238,488	267,663	256,394	274,150	280,240
Romblon	33,690	27,186	29,190	32,275	31,841	35,482	35,866	32,479	32,626	30,977
Bicol Region	888,772	991,430	997,581	1,045,501	1,081,078	1,070,917	1,173,307	1,243,241	1,258,147	1,264,448
Albay	156,892	148,036	161,391	170,564	182,472	201,037	206,808	220,980	225,700	204,345
Camarines Norte	63,723	64,082	67,721	71,087	72,815	77,188	85,526	92,411	95,784	89,615
Camarines Sur	464,277	560,809	526,936	535,090	568,327	520,322	563,749	601,480	583,797	658,548
Catanduanes	35,318	33,610	36,610	38,060	34,556	43,947	32,330	29,488	35,452	35,741
Masbate	77,541	75,518	97,939	109,042	112,609	113,441	154,463	168,653	180,173	147,754
Sorsogon	91,021	109,375	106,984	121,658	110,299	114,982	130,431	130,230	137,241	128,445
Western Visayas	1,987,224	1,992,426	2,117,598	2,205,071	1,789,693	2,245,038	2,292,201	2,090,790	2,052,574	2,056,824
Aklan	136,155	141,574	129,318	140,357	103,625	126,657	129,645	135,293	104,712	106,329
Antique	230,154	243,177	244,354	250,913	211,466	287,036	273,468	286,622	280,084	285,203
Capiz	303,879	315,433	318,134	373,982	335,608	349,094	360,914	322,388	291,158	256,823
Guimaras	48,484	43,754	50,979	52,724	42,716	51,413	55,425	46,066	51,202	40,154
Iloilo	854,646	823,376	942,286	944,050	659,970	959,239	995,402	822,452	846,636	877,076
Negros Occidental	413,906	425,112	432,527	443,045	436,308	471,599	477,347	477,969	478,782	491,239
Central Visayas	245,131	251,802	311,801	276,818	270,449	322,862	327,120	347,697	338,822	336,194
Bohol	162,697	163,441	218,701	195,445	191,174	231,569	237,836	256,405	255,053	252,816
Cebu	13,423	14,769	16,141	15,998	15,315	16,938	16,935	17,660	16,765	14,291
Negros Oriental	66,452	71,268	74,180	62,436	61,053	71,220	69,663	71,173	64,612	66,393
Siquijor	2,559	2,324	2,779	2,939	2,907	3,135	2,686	2,459	2,392	2,694
Eastern Visayas	830,287	948,827	1,030,621	952,220	964,145	984,017	994,972	989,794	982,596	955,709
Biliran	72,930	71,817	70,798	69,120	67,033	66,604	66,543	66,309	66,343	66,567
Eastern Samar	39,529	43,734	47,153	46,291	51,795	53,632	59,413	63,225	63,605	62,388
Leyte	479,264	582,840	605,833	530,473	522,901	526,762	521,115	502,746	502,146	489,405
Northern Samar	82,478	76,766	101,007	89,377	98,381	106,048	111,206	116,713	117,965	117,240
Southern Leyte	84,413	86,902	99,934	102,791	99,951	92,653	96,166	94,871	92,572	92,581
Samar (Western Samar)	71,673	86,768	105,896	114,168	124,084	138,318	140,529	145,930	139,965	127,528
Zamboanga Peninsula	514,201	553,759	551,310	565,764	552,645	622,203	618,831	639,113	656,777	661,775
Zamboanga del Norte	86,824	86,990	93,928	90,352	85,061	98,184	96,868	116,808	114,392	125,065
Zamboanga del Sur	252,803	285,723	282,017	286,219	301,386	328,079	323,170	321,487	341,395	333,192
Zamboanga Sibugay	150,619	155,142	150,356	162,416	142,427	168,659	170,177	173,266	173,535	175,015
Zamboanga City	23,955	25,904	25,009	26,777	23,771	27,281	28,616	27,552	27,455	28,503
Northern Mindanao	461,289	501,892	551,246	583,297	586,442	610,990	637,348	674,903	713,764	725,120
Bukidnon	239,529	266,598	297,296	330,541	336,512	353,487	373,221	400,491	426,641	436,575
Camiguin	1,946	2,073	2,285	2,274	2,231	2,377	2,473	2,537	2,574	2,623
Lanao del Norte	134,751	143,905	151,794	148,015	144,755	152,247	158,407	165,327	171,770	173,586
Misamis Occidental	61,113	63,424	72,429	74,221	77,080	76,407	77,237	81,185	87,203	87,467
Misamis Oriental	23,950	25,892	27,442	28,246	25,864	26,472	26,010	25,363	25,576	24,869
Davao Region	476,411	427,184	418,954	423,825	402,811	416,543	448,703	421,692	452,267	441,868
Davao del Norte	132,533	115,819	121,667	128,380	110,995	115,888	133,555	122,789	123,928	125,919
Davao del Sur	143,824	134,893	127,476	127,520	113,981	125,013	135,492	126,256	137,306	136,322
Davao Oriental	65,425	63,823	66,896	60,766	60,387	62,706	62,046	61,463	65,205	69,443
Compostela Valley	107,500	95,423	89,213	92,107	103,250	97,722	101,763	94,540	109,335	95,947
Davao City	27,129	17,226	13,702	15,052	14,198	15,214	15,847	16,644	16,493	14,237
SOCCSKSARGEN	1,146,220	1,186,688	1,234,757	1,229,040	1,185,196	1,244,148	1,270,901	1,347,646	1,364,849	1,291,644
North Cotabato	433,641	449,202	491,715	488,409	459,458	481,006	494,052	525,675	530,029	475,085
Sarangani	41,814	45,839	44,783	47,563	43,440	48,534	47,157	49,687	49,432	46,272
South Cotabato	275,330	291,263	298,748	300,613	289,223	310,410	309,941	329,429	344,892	337,445
Sultan Kudarat	395,435	400,384	399,511	392,455	393,075	404,198	419,751	442,855	440,496	432,842
Caraga	408,774	455,838	447,317	425,551	405,871	416,997	469,205	583,838	574,499	481,312
Agusan del Norte	85,800	96,385	90,515	76,015	68,070	70,835	73,595	95,434	99,786	76,191
Agusan del Sur	160,204	182,815	197,568	176,877	175,333	195,010	240,381	305,171	292,019	233,526
Dinagat Islands	..	..	..	2,336	8,709	6,593	5,827	6,927	6,507	6,136
Surigao del Norte	78,386	81,941	75,210	79,795	61,871	64,179	64,852	69,721	63,694	60,576
Surigao del Sur	84,384	94,697	84,024	90,528	91,888	80,380	84,550	106,585	112,493	104,883
ARMM	554,270	615,780	631,691	579,747	623,343	576,873	542,760	612,083	557,149	488,215
Basilan	3,238	2,976	4,457	3,303	4,740	4,246	4,116	5,178	3,799	2,710
Lanao del Sur	144,405	174,682	190,296	175,679	177,760	170,950	186,680	189,853	164,117	149,354
Maguindanao	400,573	433,766	432,589	396,719	436,957	398,097	348,123	414,060	386,534	333,258
Sulu	3,435	3,400	3,450	3,202	2,925	2,622	2,945	2,349	2,050	2,402
Tawi-tawi	2,619	956	899	844	961	958	896	643	649	491

Table 2.7.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Irrigated Palay										
Philippines	11,594,933	12,269,390	12,556,150	12,083,264	11,992,459	12,358,931	13,396,483	13,823,149	14,405,716	13,937,924
NCR										
CAR	361,090	363,248	372,282	362,841	335,343	364,657	385,958	394,671	389,732	345,847
Abra	42,635	47,105	48,585	50,676	51,656	53,373	55,219	54,639	52,363	47,320
Apayao	78,466	69,688	69,045	69,747	67,715	71,224	76,320	77,589	72,925	71,204
Benguet	14,355	14,711	15,112	14,370	13,843	14,038	14,560	15,295	15,201	15,905
Ifugao	53,249	58,593	61,678	62,184	58,482	60,202	60,660	61,566	61,263	61,551
Kalinga	152,613	153,889	161,424	149,750	129,611	151,020	163,961	168,616	171,213	136,463
Mountain Province	19,772	19,262	16,438	16,114	14,036	14,800	15,238	16,966	16,767	13,404
Ilocos Region	1,045,763	1,078,029	1,113,627	929,064	1,108,293	1,144,248	1,245,655	1,270,037	1,305,464	1,290,575
Ilocos Norte	233,150	234,185	249,192	216,688	251,805	257,121	264,071	268,106	260,937	266,451
Ilocos Sur	106,002	108,872	109,081	89,161	102,006	106,939	120,119	125,518	124,588	127,320
La Union	90,144	97,483	100,530	82,291	79,418	91,155	99,290	98,287	104,818	111,336
Pangasinan	616,467	637,489	654,824	540,924	675,064	689,033	762,175	778,126	815,121	785,468
Cagayan Valley	1,768,665	1,826,454	1,872,024	1,842,549	1,633,085	1,924,301	2,177,340	2,225,221	2,310,297	2,303,173
Batanes	..	..	..	..	..	..	4	4	9	3
Cagayan	553,304	560,153	570,332	533,489	548,071	645,666	727,269	726,371	767,655	768,404
Isabela	952,630	995,836	1,010,466	1,015,001	831,542	1,002,162	1,135,271	1,173,490	1,215,738	1,200,602
Nueva Vizcaya	212,773	217,892	222,070	220,570	192,367	208,545	229,271	241,263	244,824	259,144
Quirino	49,958	52,573	69,156	73,489	61,105	67,928	85,525	84,093	82,071	75,020
Central Luzon	2,365,130	2,628,489	2,710,433	2,537,528	2,712,810	2,386,583	2,939,815	3,093,762	3,423,053	3,059,780
Aurora	73,344	80,879	83,464	83,606	79,549	80,571	85,142	82,768	89,958	82,176
Bataan	128,624	129,059	132,779	123,436	129,557	121,627	133,389	138,256	152,624	149,562
Bulacan	233,192	225,499	267,857	234,965	235,294	190,734	291,355	307,236	308,408	292,908
Nueva Ecija	1,083,546	1,211,036	1,245,667	1,233,490	1,275,979	1,193,138	1,452,825	1,520,319	1,758,634	1,474,352
Pampanga	320,654	376,722	384,710	325,313	382,521	300,539	375,868	405,770	416,811	410,240
Tarlac	443,755	523,418	513,925	460,151	527,609	422,775	513,321	537,763	592,121	545,825
Zambales	82,015	81,876	82,031	76,567	82,301	77,199	87,915	101,650	104,497	104,717
CALABARZON	301,486	314,735	340,836	301,253	320,595	320,479	309,406	321,378	332,796	322,856
Batangas	39,398	36,607	43,981	40,543	39,133	37,983	34,236	37,409	33,819	32,196
Cavite	35,000	34,746	36,749	35,373	43,175	34,993	35,782	39,373	44,484	40,688
Laguna	105,138	122,809	135,999	109,521	121,511	124,500	119,114	127,498	130,383	132,837
Quezon	89,027	94,932	95,575	94,096	90,123	94,295	95,889	94,594	102,003	91,604
Rizal	32,923	25,641	28,532	21,720	26,653	28,708	24,385	22,504	22,107	25,531
MIMAROPA	524,257	552,042	536,497	596,159	594,515	666,073	711,572	726,402	779,339	791,572
Marinduque	11,581	11,437	10,922	11,123	8,534	9,735	7,390	8,098	7,206	7,508
Occidental Mindoro	138,267	166,450	193,199	212,039	201,929	215,950	227,453	233,258	237,388	252,496
Oriental Mindoro	246,990	245,362	215,850	242,299	249,624	287,901	311,254	325,999	356,563	345,219
Palawan	108,623	111,174	99,195	111,132	115,914	130,998	143,986	139,805	159,390	168,385
Romblon	18,796	17,619	17,331	19,566	18,514	21,489	21,489	19,242	18,792	17,964
Bicol Region	657,678	759,873	724,258	739,995	791,987	735,577	815,197	872,206	881,474	923,012
Albay	132,526	126,365	126,079	135,030	147,111	159,599	165,703	179,205	183,787	170,430
Camarines Norte	46,894	48,993	45,708	48,408	52,681	51,842	56,364	62,149	61,313	59,925
Camarines Sur	380,858	459,755	419,430	420,538	461,725	394,503	434,964	464,196	461,297	529,138
Catanduanes	12,685	15,969	18,789	20,998	17,170	18,717	14,854	15,105	17,681	18,898
Masbate	12,248	18,071	27,567	22,371	23,930	26,218	45,413	51,919	53,387	42,500
Sorsogon	72,467	90,720	86,685	92,650	89,370	84,698	97,899	99,632	104,009	102,121
Western Visayas	1,198,704	1,157,896	1,240,210	1,247,237	1,007,228	1,188,422	1,156,461	1,087,993	1,085,142	1,113,382
Aklan	82,781	79,056	74,141	72,678	61,936	66,450	70,517	74,014	57,547	59,118
Antique	162,301	169,609	163,424	163,287	131,307	183,984	175,255	181,521	182,435	183,861
Capiz	99,879	116,346	120,942	127,496	110,997	106,370	105,768	98,006	104,106	97,562
Guimaras	12,237	11,697	13,617	13,712	11,301	14,949	16,622	10,666	12,819	10,182
Iloilo	529,970	462,978	547,607	547,905	374,406	484,217	452,846	387,702	393,256	417,270
Negros Occidental	311,536	318,210	320,479	322,159	317,281	332,452	335,453	336,084	334,979	345,389
Central Visayas	157,504	167,168	192,239	170,058	175,798	205,841	208,926	223,090	215,066	217,166
Bohol	83,933	87,648	111,349	98,262	106,274	129,727	134,055	145,861	145,083	145,601
Cebu	12,826	14,181	15,381	15,192	14,512	15,797	15,688	16,493	15,695	13,763
Negros Oriental	58,351	63,136	62,949	53,978	52,313	57,524	56,693	58,457	52,089	55,262
Siquijor	2,394	2,203	2,560	2,626	2,699	2,793	2,490	2,279	2,199	2,540
Eastern Visayas	512,150	593,218	631,886	573,225	562,586	568,222	570,250	554,227	550,832	549,640
Biliran	70,652	70,223	69,521	68,025	66,492	66,255	66,282	66,063	66,144	66,368
Eastern Samar	6,406	9,316	12,403	11,389	12,092	15,735	17,895	19,807	19,985	19,248
Leyte	339,292	413,039	431,226	372,881	363,440	371,612	367,956	349,196	347,760	347,963
Northern Samar	11,791	11,643	14,670	12,854	15,726	15,109	14,459	15,484	15,740	15,714
Southern Leyte	73,225	75,266	87,782	91,120	88,995	82,279	86,286	86,220	84,168	84,614
Samar (Western Samar)	10,784	13,731	16,284	16,956	15,841	17,232	17,372	17,457	17,035	15,733
Zamboanga Peninsula	345,306	360,246	374,836	383,143	376,603	408,745	401,351	409,538	424,100	424,822
Zamboanga del Norte	43,871	43,480	56,264	47,545	43,912	47,416	51,560	58,929	57,792	62,661
Zamboanga del Sur	187,005	210,230	221,677	233,362	246,307	268,150	253,588	252,834	268,786	260,713
Zamboanga Sibugay	95,029	86,169	77,237	81,266	68,328	73,536	75,629	78,042	77,708	79,562
Zamboanga City	19,401	20,367	19,658	20,970	18,056	19,643	20,574	19,733	19,814	21,886
Northern Mindanao	429,776	466,022	507,939	531,605	535,695	551,111	574,426	609,684	643,114	655,526
Bukidnon	232,441	253,230	279,399	307,235	311,594	322,019	340,441	364,490	386,817	396,354
Camiguin	1,939	2,066	2,276	2,269	2,219	2,365	2,461	2,528	2,571	2,620
Lanao del Norte	112,941	125,176	132,039	125,543	124,794	130,085	134,335	142,944	148,184	151,226
Misamis Occidental	59,260	60,625	68,191	70,139	72,268	71,576	72,270	75,477	81,443	81,779
Misamis Oriental	23,195	24,925	26,034	26,419	24,820	25,066	24,919	24,245	24,099	23,547
Davao Region	428,145	387,140	378,087	386,390	367,215	378,753	405,435	377,302	406,793	409,053
Davao del Norte	128,407	109,675	114,659	117,883	104,274	108,480	125,155	112,049	113,764	118,745
Davao del Sur	138,754	132,193	125,870	126,192	112,655	124,568	134,967	125,478	136,431	135,441
Davao Oriental	54,084	54,160	53,215	51,311	49,942	52,360	49,854	49,533	52,069	59,633
Compostela Valley	93,436	82,480	76,435	80,951	90,791	83,796	85,184	78,883	93,475	84,735
Davao City	13,464	8,632	7,908	10,053	9,553	9,549	10,275	11,359	11,054	10,499
SOCCSKSARGEN	958,805	992,386	998,390	996,995	985,124	1,017,609	1,028,961	1,101,859	1,115,486	1,069,446
North Cotabato	330,247	353,100	367,733	371,340	357,187	367,939	375,602	413,326	418,669	377,350
Sarangani	30,420	32,143	34,051	34,016	30,176	34,840	33,616	37,838	36,964	34,364
South Cotabato	239,831	255,700	263,047	259,985	255,755	268,258	265,021	279,787	292,688	292,233
Sultan Kudarat	358,307	351,443	333,559	331,654	342,006	346,572	354,722	370,908	367,165	365,499
Caraga	298,384	326,401	312,206	291,256	282,251	281,702	297,475	353,868	355,957	308,837
Agusan del Norte	64,699	68,532	65,044	56,741	52,830	56,148	59,683	76,453	79,300	61,438
Agusan del Sur	109,211	124,126	128,133	112,699	109,804	110,651	126,499	147,264	145,525	124,672
Dinagat Islands	..	..	..	1,833	6,437	5,100	4,373	4,930	4,698	4,366
Surigao del Norte	58,248	57,899	54,314	56,550	44,270	48,084	50,053	52,581	48,714	44,671
Surigao del Sur	66,226	75,844	64,715	63,433	68,910	61,719	56,867	72,640	77,720	73,690
ARMM	242,090	296,043	250,400	193,966	203,331	216,608	168,256	201,911	187,071	153,237
Basilan	1,832	1,648	2,535	2,184	3,020	2,797	3,146	4,789	3,397	2,360
Lanao del Sur	66,684	73,432	67,285	67,854	59,864	52,399	54,190	58,784	67,191	37,028
Maguindanao	173,574	220,963	180,580	123,640	140,292	161,187	110,620	138,043	116,483	113,549
Sulu	..	..	..	288	155	225	300	295	..	300
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Rainfed Palay										
Philippines	3,731,773	3,970,804	4,259,398	4,183,153	3,779,860	4,325,131	4,636,042	4,616,270	4,562,110	4,211,913
NCR										
CAR	36,250	73,063	72,874	68,815	65,072	64,292	67,503	65,499	62,877	55,064
Abra	10,354	25,896	26,943	25,626	25,955	27,055	27,114	24,805	23,137	19,396
Apayao	16,551	35,013	32,587	30,632	28,974	27,265	29,571	29,152	28,233	25,249
Benguet	1,412	2,091	2,030	1,851	1,937	1,752	2,136	2,196	2,154	2,239
Ifugao	1,404	2,454	1,868	1,852	1,868	1,701	1,805	1,813	1,813	1,811
Kalinga	4,334	5,226	6,693	6,437	4,655	4,875	4,893	5,396	5,316	4,631
Mountain Province	2,195	2,383	2,753	2,417	1,683	1,644	1,984	2,137	2,224	1,738
Ilocos Region	551,405	564,272	578,002	422,651	450,080	458,566	492,040	480,020	490,765	486,546
Ilocos Norte	49,644	48,647	50,792	39,894	50,129	49,605	51,641	50,338	47,380	46,638
Ilocos Sur	90,066	88,622	93,566	78,867	81,176	84,213	88,261	83,784	80,714	83,555
La Union	51,964	53,377	61,179	42,706	53,139	55,511	56,733	58,988	64,067	60,664
Pangasinan	359,731	373,626	372,465	261,184	265,636	269,237	295,405	286,910	298,604	295,689
Cagayan Valley	185,090	198,791	208,216	234,487	112,637	220,465	248,197	197,979	204,637	186,474
Batanes	..	..	..	..	..	..	100	9	77	70
Cagayan	135,615	142,408	136,840	147,824	68,250	138,956	148,452	103,366	127,925	115,930
Isabela	35,130	41,081	53,409	69,810	34,297	66,113	81,264	76,383	61,885	55,788
Nueva Vizcaya	8,628	10,230	10,876	10,714	8,205	9,901	12,685	12,492	8,072	9,976
Quirino	5,717	5,072	7,091	6,139	1,885	5,495	5,696	5,729	6,678	4,710
Central Luzon	312,503	313,624	303,914	267,939	245,605	229,500	280,792	315,706	342,097	244,530
Aurora	7,410	7,438	6,245	6,382	5,445	4,862	5,649	5,132	4,827	4,795
Bataan	722	2,784	3,479	2,444	2,053	1,884	1,571	1,811	2,432	2,048
Bulacan	75,310	79,350	85,244	65,312	63,082	36,873	59,952	59,691	63,702	58,529
Nueva Ecija	147,630	145,125	126,711	127,425	98,194	120,349	134,338	152,347	172,362	106,268
Pampanga	13,721	13,568	14,200	7,659	10,807	9,917	12,319	13,951	16,295	15,369
Tarlac	34,766	34,525	36,627	31,082	34,571	27,982	35,978	47,314	46,785	24,270
Zambales	32,944	30,834	31,408	27,635	31,453	27,633	30,985	35,460	35,694	33,251
CALABARZON	56,878	76,683	87,249	81,782	69,594	78,714	79,866	90,407	72,786	70,051
Batangas	10,078	13,283	16,237	15,257	14,290	11,586	8,970	14,789	12,556	7,813
Cavite	2,617	3,939	4,948	3,746	3,439	3,489	2,713	2,804	1,796	1,673
Laguna	1,550	1,840	1,759	1,542	1,616	1,608	1,839	1,407	521	301
Quezon	39,378	54,480	61,361	59,457	48,969	60,230	65,062	65,179	52,777	55,384
Rizal	3,255	3,141	2,944	1,780	1,280	1,801	1,282	6,228	5,136	4,880
MIMAROPA	305,610	325,138	326,718	334,515	263,017	315,596	319,034	307,540	302,539	290,261
Marinduque	19,363	17,976	14,414	13,598	12,919	14,919	10,367	9,266	7,863	8,381
Occidental Mindoro	78,512	91,390	125,944	109,726	89,033	106,695	106,661	102,581	109,137	110,018
Oriental Mindoro	73,369	73,496	68,604	65,439	58,845	72,499	63,952	65,867	56,945	46,994
Palawan	119,472	132,709	105,897	133,043	88,893	107,490	123,677	116,589	114,760	111,855
Romblon	14,894	9,567	11,859	12,709	13,327	13,993	14,377	13,237	13,834	13,013
Bicol Region	231,094	231,557	273,323	305,506	289,091	335,340	358,110	371,035	376,673	341,436
Albay	24,366	21,671	35,312	35,534	35,361	41,438	41,105	41,775	41,913	33,915
Camarines Norte	16,829	15,089	22,013	22,679	20,134	25,346	29,162	30,262	34,471	29,690
Camarines Sur	83,419	101,054	107,506	114,552	106,602	125,819	128,785	137,284	122,500	129,410
Catanduanes	22,633	17,641	17,821	17,062	17,386	25,230	17,476	14,383	17,771	16,843
Masbate	65,293	57,447	70,372	86,671	88,679	87,223	109,050	116,734	126,786	105,254
Sorsogon	18,554	18,655	20,299	29,008	20,929	30,284	32,532	30,598	33,232	26,324
Western Visayas	788,520	834,530	877,388	957,834	782,465	1,056,616	1,135,740	1,002,797	967,432	943,442
Aklan	53,374	62,518	55,177	67,679	41,689	60,207	59,128	61,279	47,165	47,211
Antique	67,853	73,568	80,930	87,626	80,159	103,052	98,213	105,101	97,649	101,342
Capiz	204,000	199,087	197,192	246,486	224,611	242,724	255,146	224,382	187,052	159,261
Guimaras	36,247	32,057	37,362	39,012	31,415	36,464	38,803	35,400	38,383	29,972
Iloilo	324,676	360,398	394,679	396,145	285,564	475,022	542,556	434,750	453,380	459,806
Negros Occidental	102,370	106,902	112,048	120,886	119,027	139,147	141,894	141,885	143,803	145,850
Central Visayas	87,627	84,634	119,562	106,760	94,651	117,021	118,194	124,607	123,756	119,028
Bohol	78,764	75,793	107,352	97,183	84,900	101,842	103,781	110,544	109,970	107,215
Cebu	597	588	760	806	803	1,141	1,247	1,167	1,070	528
Negros Oriental	8,101	8,132	11,231	8,458	8,740	13,696	12,970	12,716	12,523	11,131
Siquijor	165	121	219	313	208	342	196	180	193	154
Eastern Visayas	318,137	355,609	398,735	378,995	401,559	415,795	424,722	435,567	431,764	406,069
Biliran	2,278	1,594	1,277	1,095	541	349	261	246	199	199
Eastern Samar	33,123	34,418	34,750	34,902	39,703	37,897	41,518	43,418	43,620	43,140
Leyte	139,972	169,801	174,607	157,592	159,461	155,150	153,159	153,550	154,386	141,442
Northern Samar	70,687	65,123	86,337	76,523	82,655	90,939	96,747	101,229	102,225	101,526
Southern Leyte	11,188	11,636	12,152	11,671	10,956	10,374	9,880	8,651	8,404	7,967
Samar (Western Samar)	60,889	73,037	89,612	97,212	108,243	121,086	123,157	128,473	122,930	111,795
Zamboanga Peninsula	168,895	193,513	176,474	182,621	176,042	213,458	217,480	229,575	232,677	236,953
Zamboanga del Norte	42,953	43,510	37,664	42,807	41,149	50,768	45,308	57,879	56,600	62,404
Zamboanga del Sur	65,798	75,493	60,340	52,857	55,079	59,929	69,582	68,653	72,609	72,479
Zamboanga Sibugay	55,590	68,973	73,119	81,150	74,099	95,123	94,548	95,224	95,827	95,453
Zamboanga City	4,554	5,537	5,351	5,807	5,715	7,638	8,042	7,819	7,641	6,617
Northern Mindanao	31,513	35,870	43,307	51,692	50,747	59,879	62,922	65,219	70,650	69,594
Bukidnon	7,088	13,368	17,897	23,306	24,918	31,468	32,780	36,001	39,824	40,221
Camiguin	7	7	9	5	12	12	12	9	3	3
Lanao del Norte	21,810	18,729	19,755	22,472	19,961	22,162	24,072	22,383	23,586	22,360
Misamis Occidental	1,853	2,799	4,238	4,082	4,812	4,831	4,967	5,708	5,760	5,688
Misamis Oriental	755	967	1,408	1,827	1,044	1,406	1,091	1,118	1,477	1,322
Davao Region	48,266	40,044	40,867	37,435	35,596	37,790	43,268	44,390	45,474	32,815
Davao del Norte	4,126	6,144	7,008	10,497	6,721	7,408	8,400	10,740	10,164	7,174
Davao del Sur	5,070	2,700	1,606	1,328	1,326	445	525	778	875	881
Davao Oriental	11,341	9,663	13,681	9,455	10,445	10,346	12,192	11,930	13,136	9,810
Compostela Valley	14,064	12,943	12,778	11,156	12,459	13,926	16,579	15,657	15,860	11,212
Davao City	13,665	8,594	5,794	4,999	4,645	5,665	5,572	5,285	5,439	3,738
SOCCSKSARGEN	187,415	194,302	236,367	232,045	200,072	226,539	241,940	245,787	249,363	222,198
North Cotabato	103,394	96,102	123,982	117,069	102,271	113,067	118,450	112,349	111,360	97,735
Sarangani	11,394	13,696	10,732	13,547	13,264	13,694	13,541	11,849	12,468	11,908
South Cotabato	35,499	35,563	35,701	40,628	33,468	42,152	44,920	49,642	52,204	45,212
Sultan Kudarat	37,128	48,941	65,952	60,801	51,069	57,626	65,029	71,947	73,331	67,343
Caraga	110,390	129,437	135,111	134,295	123,620	135,295	171,730	229,970	218,542	172,475
Agusan del Norte	21,101	27,853	25,471	19,274	15,240	14,687	13,912	18,981	20,486	14,753
Agusan del Sur	50,993	58,689	69,435	64,178	65,529	84,359	113,882	157,907	146,494	108,854
Dinagat Islands	..	..	..	503	2,272	1,493	1,454	1,997	1,809	1,770
Surigao del Norte	20,138	24,042	20,896	23,245	17,601	16,095	14,799	17,140	14,980	15,905
Surigao del Sur	18,158	18,853	19,309	27,095	22,978	18,661	27,683	33,945	34,773	31,193
ARMM	312,180	319,737	381,291	385,781	420,012	360,265	374,504	410,172	370,078	334,978
Basilan	1,406	1,328	1,922	1,119	1,720	1,449	970	389	402	350
Lanao del Sur	77,721	101,250	123,011	107,825	117,896	118,551	132,490	131,069	96,926	112,326
Maguindanao	226,999	212,803	252,009	273,079	296,665	236,910	237,503	276,017	270,051	219,709
Sulu	3,435	3,400	3,450	2,914	2,770	2,397	2,645	2,054	2,050	2,102
Tawi-tawi	2,619	956	899	844	961	958	896	643	649	491

Table 2.7.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Corn										
Philippines	6,082,109	6,736,940	6,928,225	7,034,033	6,376,796	6,971,221	7,407,068	7,377,293	7,770,603	7,518,756
NCR										
CAR	160,109	175,582	196,421	201,773	172,195	218,788	225,135	242,074	244,576	237,823
Abra	10,399	10,444	9,238	11,737	12,102	15,841	16,139	16,153	16,618	16,170
Apayao	30,758	27,767	17,162	17,845	16,666	22,946	26,001	32,748	32,211	31,885
Benguet	51	50	38	38	38	34	34	36	37	37
Ifugao	44,086	70,661	88,938	83,511	84,285	93,847	97,183	106,449	119,409	111,658
Kalinga	52,600	45,828	55,207	65,193	46,112	65,505	64,166	64,944	54,975	53,771
Mountain Province	22,215	20,832	25,838	23,449	12,992	20,615	21,612	21,744	21,326	24,302
Ilocos Region	320,167	335,575	363,662	351,103	358,445	387,882	434,720	447,503	476,741	490,943
Ilocos Norte	55,387	56,977	58,574	58,368	53,553	52,157	53,698	55,731	58,382	60,898
Ilocos Sur	45,949	58,254	72,472	64,672	55,341	63,579	69,447	73,267	76,508	78,711
La Union	19,604	21,224	21,387	20,535	19,030	23,076	26,395	28,898	32,166	32,216
Pangasinan	199,227	199,120	211,229	207,528	230,521	249,070	285,180	289,607	309,685	319,118
Cagayan Valley	1,219,382	1,281,309	1,476,879	1,598,198	1,263,614	1,601,687	1,875,623	1,713,891	1,856,715	1,801,194
Batanes	..	..	..	..	..	..	238	217	397	219
Cagayan	204,159	259,218	297,984	335,604	261,240	371,800	432,333	361,171	431,235	456,344
Isabela	867,031	906,478	1,009,420	1,052,008	863,899	1,049,954	1,209,524	1,177,200	1,175,322	1,118,942
Nueva Vizcaya	58,251	48,702	57,769	63,354	43,389	58,966	66,705	59,488	73,342	74,180
Quirino	89,941	66,911	111,706	147,232	95,086	120,967	166,823	115,815	176,419	151,509
Central Luzon	182,763	198,590	225,915	217,245	197,890	188,494	210,574	227,765	240,870	271,319
Aurora	14,166	17,473	24,381	25,945	18,395	13,386	21,146	21,527	22,583	23,696
Bataan	4,494	5,609	5,287	7,102	9,361	8,814	7,230	10,753	7,391	9,555
Bulacan	1,948	1,415	1,635	1,895	2,532	2,267	2,580	3,270	3,666	4,684
Nueva Ecija	16,923	18,631	21,501	19,623	15,103	15,135	19,352	24,435	25,804	33,071
Pampanga	46,283	47,668	53,137	50,554	49,447	47,478	49,021	54,331	58,157	60,487
Tarlac	98,044	106,448	118,472	110,684	102,666	100,888	110,633	112,107	122,226	138,616
Zambales	905	1,346	1,502	1,442	386	526	612	1,342	1,043	1,210
CALABARZON	53,412	66,249	60,319	51,949	60,209	57,557	58,657	75,165	74,329	64,823
Batangas	19,195	17,422	20,030	20,228	24,280	21,187	15,323	22,918	21,350	12,354
Cavite	2,519	2,729	1,975	3,413	1,944	2,497	2,559	2,654	1,704	2,323
Laguna	2,926	4,209	4,685	3,654	2,708	2,622	2,864	2,804	2,249	3,543
Quezon	28,479	41,482	32,867	23,936	30,333	30,271	36,776	45,449	47,366	44,622
Rizal	293	407	762	718	944	980	1,135	1,340	1,660	1,981
MIMAROPA	107,559	114,715	110,088	103,906	67,712	84,173	87,223	104,678	107,723	125,492
Marinduque	998	919	241	699	147	160	149	267	164	312
Occidental Mindoro	48,455	53,598	67,083	71,147	57,098	59,478	67,621	85,500	84,827	100,185
Oriental Mindoro	1,539	2,210	2,549	2,350	444	1,280	822	1,272	3,824	4,808
Palawan	55,572	56,665	39,449	28,598	9,084	22,527	17,873	16,909	18,272	19,517
Romblon	995	1,323	766	1,112	939	728	758	730	636	670
Bicol Region	142,264	195,826	202,675	197,116	174,479	215,025	230,545	258,115	285,647	243,908
Albay	41,791	50,217	48,481	54,951	49,391	51,500	57,556	59,436	60,665	53,469
Camarines Norte	1,264	2,190	2,141	1,891	797	1,446	1,617	1,800	1,558	2,048
Camarines Sur	63,533	106,037	110,704	96,549	85,667	125,730	136,233	161,863	187,260	153,320
Catanduanes	163	349	179	230	226	243	261	322	373	555
Masbate	35,215	35,834	40,778	41,590	38,313	36,056	34,692	34,470	35,397	33,987
Sorsogon	298	1,199	392	1,905	85	50	186	224	394	529
Western Visayas	257,589	314,507	350,259	272,844	247,997	309,915	330,782	345,527	368,404	350,391
Aklan	566	1,272	482	1,585	795	2,817	1,857	3,158	2,661	2,431
Antique	8,224	8,151	8,942	9,864	1,720	4,749	5,502	4,538	5,370	4,248
Capiz	42,054	77,162	58,693	57,930	41,550	47,083	50,798	52,658	59,066	62,915
Guimaras	1,158	1,575	1,108	1,263	703	715	613	626	923	637
Iloilo	142,357	148,408	198,534	124,546	122,141	164,839	175,945	174,798	148,747	143,131
Negros Occidental	63,230	77,939	82,500	77,656	81,088	89,712	96,067	109,749	151,637	137,029
Central Visayas	180,983	199,420	175,260	186,479	178,413	177,297	172,138	173,225	164,197	150,051
Bohol	10,575	16,672	12,345	11,970	12,905	11,954	11,611	12,703	12,363	11,904
Cebu	101,764	106,152	91,624	104,568	98,844	95,503	90,518	91,059	86,517	84,300
Negros Oriental	63,477	70,031	64,583	57,299	60,402	63,721	64,535	63,949	60,576	48,718
Siquijor	5,167	6,565	6,708	12,642	6,262	6,119	5,474	5,514	4,741	5,129
Eastern Visayas	76,162	88,252	96,594	94,821	90,215	83,992	87,333	89,327	88,162	91,145
Biliran	863	795	812	827	722	733	745	729	748	747
Eastern Samar	280	364	433	495	559	534	593	571	609	640
Leyte	53,939	63,963	67,880	64,397	59,441	52,427	55,392	58,175	58,601	62,238
Northern Samar	8,544	9,485	12,577	13,092	12,774	13,779	14,352	14,800	15,351	15,204
Southern Leyte	6,760	6,831	7,665	7,692	7,590	7,321	7,118	5,809	5,631	5,149
Samar (Western Samar)	5,776	6,814	7,227	8,318	9,129	9,198	9,133	9,243	7,222	7,167
Zamboanga Peninsula	204,391	219,679	181,809	177,248	195,349	200,091	211,331	207,787	223,342	220,180
Zamboanga del Norte	50,837	55,049	21,285	34,077	41,161	31,475	30,352	38,247	55,490	42,719
Zamboanga del Sur	118,498	135,903	141,520	114,733	125,186	141,189	154,724	142,238	137,204	144,596
Zamboanga Sibugay	27,522	20,740	11,643	19,297	19,953	17,658	15,871	15,913	17,543	19,379
Zamboanga City	7,534	7,987	7,361	9,141	9,049	9,769	10,384	11,389	13,105	13,486
Northern Mindanao	964,327	1,048,344	1,127,564	1,170,624	1,153,239	1,212,208	1,228,754	1,185,036	1,196,542	1,216,302
Bukidnon	648,029	703,735	740,869	777,256	777,642	810,054	845,514	804,487	805,845	821,380
Camiguin	731	635	572	470	495	508	550	516	436	376
Lanao del Norte	193,062	221,073	249,641	248,479	232,986	244,669	223,899	221,899	220,483	232,668
Misamis Occidental	37,160	38,712	41,186	47,607	49,541	48,785	49,438	50,455	57,641	55,834
Misamis Oriental	85,345	84,189	95,296	96,812	92,575	108,192	109,353	107,679	112,137	106,044
Davao Region	343,907	354,247	286,410	225,078	202,354	191,213	198,627	227,013	280,293	224,100
Davao del Norte	35,933	45,822	41,982	31,301	23,531	22,595	21,648	20,697	26,272	20,135
Davao del Sur	141,655	113,191	89,343	69,342	56,473	57,687	63,302	85,722	111,515	96,308
Davao Oriental	68,030	93,131	67,245	49,080	53,064	44,794	43,777	48,976	47,217	37,783
Compostela Valley	79,514	77,939	60,956	51,434	48,406	45,693	50,126	47,174	68,429	45,859
Davao City	18,775	24,164	26,884	23,921	20,880	20,444	19,774	24,444	26,860	24,015
SOCCSKSARGEN	1,087,843	1,123,584	1,117,781	1,146,629	1,064,448	1,170,554	1,201,331	1,305,607	1,338,065	1,239,275
North Cotabato	330,887	354,356	368,162	360,031	325,173	379,947	385,478	414,394	414,630	369,766
Sarangani	123,768	160,160	136,124	135,957	124,405	134,949	145,479	163,069	169,456	153,288
South Cotabato	466,184	431,633	409,076	424,549	412,832	428,718	435,981	472,945	500,738	472,567
Sultan Kudarat	167,004	177,435	204,419	226,092	202,038	226,940	234,393	255,199	253,241	243,654
Caraga	86,434	126,037	99,916	88,591	94,571	75,684	89,521	107,476	125,406	118,774
Agusan del Norte	13,184	23,766	17,991	7,202	8,907	9,750	9,840	13,018	15,153	16,370
Agusan del Sur	61,660	88,766	69,516	67,355	77,849	60,357	70,673	82,921	97,864	93,791
Dinagat Islands	..	..	..	213	13	7	16	19	63	122
Surigao del Norte	1,261	1,344	1,377	1,537	1,332	924	725	1,096	1,558	1,386
Surigao del Sur	10,329	12,161	11,032	12,284	6,470	4,646	8,267	10,422	10,768	7,105
ARMM	694,817	895,024	856,673	950,429	855,666	796,661	764,774	667,104	699,591	673,036
Basilan	1,886	1,452	1,627	433	316	344	338	160	186	197
Lanao del Sur	300,088	289,741	299,034	338,202	296,070	281,718	269,458	280,023	232,513	241,671
Maguindanao	389,694	601,411	553,288	609,046	556,558	512,078	492,737	384,912	464,984	429,164
Sulu	1,059	1,061	1,120	1,149	1,025	1,064	1,021	1,042	1,104	1,167
Tawi-tawi	2,090	1,359	1,604	1,599	1,697	1,457	1,220	967	804	837

Table 2.7.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
White Corn										
Philippines	2,360,840	2,527,633	2,254,567	2,316,434	2,169,103	2,150,222	2,165,548	2,129,091	2,262,234	2,134,673
NCR										
CAR	24,053	21,520	15,224	16,688	15,677	20,147	20,345	20,256	20,680	19,871
Abra	10,229	10,269	8,479	10,850	11,193	14,937	15,260	15,278	15,733	15,333
Apayao	2,917	1,543	1,637	1,373	835	1,351	1,057	997	918	922
Benguet	45	44	33	33	33	31	31	33	34	34
Ifugao	4,991	4,980	2,501	1,773	1,527	1,395	1,765	1,747	1,830	1,768
Kalinga	2,946	2,564	2,269	2,388	1,802	2,184	1,933	1,912	1,860	1,724
Mountain Province	2,925	2,120	305	271	287	249	299	289	305	90
Ilocos Region	52,121	57,266	57,377	53,331	47,413	52,753	51,461	52,737	51,094	48,202
Ilocos Norte	14,933	16,086	15,858	16,855	15,068	14,040	14,290	15,718	13,957	13,284
Ilocos Sur	3,950	6,437	6,448	6,450	8,361	8,970	8,878	11,364	10,991	10,156
La Union	9,703	10,917	10,130	9,562	7,773	8,621	7,448	7,954	9,406	9,114
Pangasinan	23,535	23,826	24,941	20,464	16,211	21,122	20,845	17,701	16,740	15,648
Cagayan Valley	61,249	64,618	64,368	71,298	50,907	56,787	66,645	53,933	46,489	43,846
Batanes	..	..	..	..	..	..	44	35	59	42
Cagayan	18,689	17,852	20,289	28,336	18,276	25,819	35,675	31,238	27,133	27,255
Isabela	37,210	41,668	38,954	39,152	28,897	25,768	26,401	19,094	14,488	11,998
Nueva Vizcaya	3,102	3,964	3,973	3,304	3,294	4,507	3,982	3,180	4,201	3,979
Quirino	2,248	1,134	1,152	506	440	693	543	386	608	572
Central Luzon	18,294	20,520	23,458	19,100	22,948	21,321	24,238	29,340	29,450	32,014
Aurora	630	572	1,116	575	717	421	792	934	1,445	2,003
Bataan	1,116	1,720	1,545	1,282	1,836	1,571	1,214	1,878	1,493	1,814
Bulacan	1,614	1,243	1,490	1,672	2,423	2,170	2,480	3,166	3,552	4,348
Nueva Ecija	6,271	7,281	8,053	7,223	10,045	9,738	11,861	12,268	12,872	13,229
Pampanga	7,989	8,636	9,892	7,298	7,064	6,120	6,648	7,432	7,790	8,095
Tarlac	560	929	1,245	910	718	1,152	1,083	3,323	2,011	1,951
Zambales	114	139	117	140	145	149	160	339	287	574
CALABARZON	23,088	30,996	31,084	28,684	35,665	32,717	30,090	36,217	30,936	25,402
Batangas	14,655	15,356	14,471	13,578	18,551	16,982	10,018	16,677	16,250	8,266
Cavite	1,139	1,256	918	2,068	905	1,567	1,511	1,554	684	1,198
Laguna	1,369	2,095	2,235	1,846	2,265	2,118	2,297	2,120	1,455	1,452
Quezon	5,815	12,149	13,329	11,040	13,757	11,759	15,677	15,242	11,788	13,466
Rizal	110	140	131	152	187	291	587	624	759	1,020
MIMAROPA	9,121	11,851	11,032	15,430	10,654	14,438	14,238	15,463	16,345	16,407
Marinduque	434	547	149	551	134	160	149	267	164	157
Occidental Mindoro	4,462	6,296	7,786	9,360	6,852	6,879	7,160	8,350	7,893	8,932
Oriental Mindoro	45	375	461	172	143	148	52	150	485	660
Palawan	3,301	3,388	2,161	4,575	2,732	6,694	6,189	5,966	7,167	6,027
Romblon	879	1,245	475	772	793	557	688	730	636	631
Bicol Region	40,077	46,745	49,746	50,728	45,564	47,208	47,714	49,177	57,440	55,472
Albay	1,899	2,239	1,394	1,176	2,980	2,220	2,316	3,071	3,874	4,375
Camarines Norte	769	1,337	1,409	1,116	500	919	1,041	1,223	1,076	1,438
Camarines Sur	3,265	8,293	9,030	8,033	5,588	8,246	9,595	11,813	18,128	16,601
Catanduanes	89	276	117	161	167	172	164	198	219	314
Masbate	33,894	33,621	37,546	39,475	36,274	35,612	34,476	32,719	33,877	32,552
Sorsogon	161	979	250	767	55	39	122	153	266	192
Western Visayas	57,362	64,319	73,684	58,515	54,249	67,512	74,727	79,528	100,638	95,509
Aklan	83	96	82	231	202	224	485	1,065	761	757
Antique	681	653	704	810	252	479	568	518	586	515
Capiz	270	339	281	479	428	462	653	599	1,613	845
Guimaras	660	549	466	630	387	565	537	473	605	425
Iloilo	21,066	24,519	33,902	20,993	17,702	26,385	30,672	32,129	26,900	24,559
Negros Occidental	34,602	38,163	38,249	35,372	35,278	39,397	41,812	44,744	70,173	68,408
Central Visayas	167,299	183,695	165,387	180,735	176,985	176,025	171,387	170,026	162,158	148,672
Bohol	10,118	13,267	11,181	11,009	12,708	11,837	11,522	12,193	11,708	11,888
Cebu	94,753	101,605	86,710	101,705	97,935	94,734	90,122	89,323	85,933	83,449
Negros Oriental	57,437	62,581	61,060	55,568	60,142	63,398	64,323	63,253	59,779	48,215
Siquijor	4,991	6,242	6,436	12,453	6,200	6,056	5,420	5,257	4,738	5,120
Eastern Visayas	70,608	80,185	86,634	82,428	77,580	71,228	74,160	76,102	74,783	77,741
Biliran	521	534	521	556	494	497	507	497	512	512
Eastern Samar	147	178	219	249	281	261	294	303	307	325
Leyte	51,113	58,968	61,939	57,241	52,396	45,710	48,374	50,995	51,221	54,733
Northern Samar	6,960	7,561	9,783	10,187	9,520	10,064	10,537	10,890	11,340	11,262
Southern Leyte	6,118	6,164	6,945	6,937	6,889	6,641	6,431	5,282	5,112	4,621
Samar (Western Samar)	5,749	6,780	7,227	7,258	8,000	8,055	8,017	8,135	6,291	6,288
Zamboanga Peninsula	191,351	188,463	150,399	145,074	163,986	149,950	167,571	174,905	193,017	185,359
Zamboanga del Norte	50,436	52,092	18,950	26,014	35,735	26,494	28,586	36,533	53,600	39,384
Zamboanga del Sur	111,414	116,956	117,785	96,419	104,115	101,710	120,078	118,158	116,272	121,420
Zamboanga Sibugay	25,959	16,035	10,433	17,957	18,601	16,494	14,008	14,246	15,878	17,572
Zamboanga City	3,542	3,380	3,231	4,684	5,535	5,252	4,899	5,968	7,267	6,983
Northern Mindanao	368,959	358,259	381,578	382,661	372,834	349,754	363,919	355,241	400,628	407,259
Bukidnon	92,897	77,643	68,488	58,318	65,388	48,103	65,247	74,306	116,279	118,668
Camiguin	669	601	537	417	439	420	449	407	350	282
Lanao del Norte	185,678	193,881	220,967	227,772	209,410	200,561	205,799	190,748	186,701	193,374
Misamis Occidental	35,197	36,295	38,032	40,419	45,343	45,492	45,503	46,414	53,181	51,629
Misamis Oriental	54,518	49,839	53,554	55,735	52,254	55,178	46,921	43,366	44,117	43,306
Davao Region	258,594	234,094	188,007	176,406	166,414	153,555	150,704	173,301	212,718	173,226
Davao del Norte	23,588	25,836	9,570	17,594	14,313	11,514	12,820	10,308	14,566	10,694
Davao del Sur	124,967	80,956	73,288	64,888	54,982	52,404	51,387	60,985	85,006	77,012
Davao Oriental	47,241	65,472	52,919	45,144	50,409	43,459	42,854	46,802	45,673	36,355
Compostela Valley	48,245	47,607	37,446	30,144	30,590	29,868	28,714	36,205	48,709	31,363
Davao City	14,553	14,223	14,784	18,636	16,120	16,310	14,929	19,001	18,764	17,802
SOCCSKSARGEN	411,322	379,165	297,311	287,903	246,574	253,808	241,059	269,571	265,174	233,889
North Cotabato	154,456	126,522	93,223	96,514	82,529	78,432	68,558	68,360	71,532	61,819
Sarangani	64,000	87,911	63,951	66,164	59,187	65,451	73,487	80,299	79,774	73,140
South Cotabato	144,194	112,475	79,625	65,446	54,371	58,291	53,732	65,548	62,133	56,995
Sultan Kudarat	48,672	52,257	60,512	59,779	50,487	51,634	45,282	55,364	51,735	41,935
Caraga	62,382	86,994	66,161	54,820	48,908	35,110	44,462	54,195	57,087	56,079
Agusan del Norte	11,319	17,864	13,798	5,051	4,704	5,059	7,770	8,642	9,983	9,696
Agusan del Sur	40,815	58,775	43,194	38,020	38,160	25,467	30,648	36,910	38,846	39,582
Dinagat Islands	..	..	..	213	13	7	16	19	14	108
Surigao del Norte	443	432	447	880	919	624	424	590	682	642
Surigao del Sur	9,805	9,923	8,722	10,656	5,112	3,953	5,604	8,034	7,562	6,051
ARMM	544,960	698,943	593,117	692,633	632,745	647,909	622,829	519,099	543,597	515,725
Basilan	1,886	1,452	1,627	433	316	344	338	160	186	197
Lanao del Sur	217,320	208,259	236,218	292,643	250,040	219,303	223,782	211,421	168,935	176,046
Maguindanao	322,605	486,812	352,548	396,809	379,667	425,741	396,468	305,509	372,568	337,478
Sulu	1,059	1,061	1,120	1,149	1,025	1,064	1,021	1,042	1,104	1,167
Tawi-tawi	2,090	1,359	1,604	1,599	1,697	1,457	1,220	967	804	837

Table 2.7.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Yellow Corn										
Philippines	3,721,269	4,209,307	4,673,658	4,717,599	4,207,693	4,820,999	5,241,520	5,248,203	5,508,369	5,384,083
NCR										
CAR	136,056	154,062	181,197	185,085	156,518	198,641	204,790	221,818	223,896	217,952
Abra	170	175	759	887	909	904	879	875	885	837
Apayao	27,841	26,224	15,525	16,472	15,831	21,595	24,944	31,751	31,293	30,963
Benguet	6	6	5	5	5	3	3	3	3	3
Ifugao	39,095	65,681	86,437	81,738	82,758	92,452	95,418	104,702	117,579	109,890
Kalinga	49,654	43,264	52,938	62,805	44,310	63,321	62,233	63,032	53,115	52,047
Mountain Province	19,290	18,712	25,533	23,178	12,705	20,366	21,313	21,455	21,021	24,212
Ilocos Region	268,046	278,309	306,285	297,772	311,032	335,129	383,259	394,766	425,647	442,741
Ilocos Norte	40,454	40,891	42,716	41,513	38,485	38,117	39,408	40,013	44,425	47,614
Ilocos Sur	41,999	51,817	66,024	58,222	46,980	54,609	60,569	61,903	65,517	68,555
La Union	9,901	10,307	11,257	10,973	11,257	14,455	18,947	20,944	22,760	23,102
Pangasinan	175,692	175,294	186,288	187,064	214,310	227,948	264,335	271,906	292,945	303,470
Cagayan Valley	1,158,133	1,216,691	1,412,511	1,526,900	1,212,707	1,544,900	1,808,978	1,659,959	1,810,226	1,757,348
Batanes	..	..	..	..	..	..	194	183	338	177
Cagayan	185,470	241,366	277,695	307,268	242,964	345,981	396,658	329,933	404,102	429,089
Isabela	829,821	864,810	970,466	1,012,856	835,002	1,024,186	1,183,123	1,158,106	1,160,834	1,106,944
Nueva Vizcaya	55,149	44,738	53,796	60,050	40,095	54,459	62,723	56,308	69,141	70,201
Quirino	87,693	65,777	110,554	146,726	94,646	120,274	166,280	115,429	175,811	150,937
Central Luzon	164,469	178,070	202,457	198,145	174,942	167,173	186,336	198,425	211,420	239,305
Aurora	13,536	16,901	23,265	25,370	17,678	12,965	20,354	20,593	21,138	21,693
Bataan	3,378	3,889	3,742	5,820	7,525	7,243	6,016	8,875	5,898	7,741
Bulacan	334	172	145	223	109	97	100	104	114	336
Nueva Ecija	10,652	11,350	13,448	12,400	5,058	5,397	7,491	12,167	12,932	19,842
Pampanga	38,294	39,032	43,245	43,256	42,383	41,358	42,373	46,899	50,367	52,392
Tarlac	97,484	105,519	117,227	109,774	101,948	99,736	109,550	108,784	120,215	136,665
Zambales	791	1,207	1,385	1,302	241	377	452	1,003	756	636
CALABARZON	30,324	35,253	29,235	23,265	24,544	24,840	28,567	38,948	43,393	39,421
Batangas	4,540	2,066	5,559	6,650	5,729	4,205	5,305	6,241	5,100	4,088
Cavite	1,380	1,473	1,057	1,345	1,039	930	1,048	1,100	1,020	1,125
Laguna	1,557	2,114	2,450	1,808	443	504	567	684	794	2,091
Quezon	22,664	29,333	19,538	12,896	16,576	18,512	21,099	30,207	35,578	31,156
Rizal	183	267	631	566	757	689	548	716	901	961
MIMAROPA	98,438	102,864	99,056	88,476	57,058	69,735	72,985	89,215	91,378	109,085
Marinduque	564	372	92	148	13	..	..	..	..	155
Occidental Mindoro	43,993	47,302	59,297	61,787	50,246	52,599	60,461	77,150	76,934	91,253
Oriental Mindoro	1,494	1,835	2,088	2,178	301	1,132	770	1,122	3,339	4,148
Palawan	52,271	53,277	37,288	24,023	6,352	15,833	11,684	10,943	11,105	13,490
Romblon	116	78	291	340	146	171	70	..	..	39
Bicol Region	102,187	149,081	152,929	146,388	128,915	167,817	182,831	208,938	228,207	188,436
Albay	39,892	47,978	47,087	53,775	46,411	49,280	55,240	56,365	56,791	49,094
Camarines Norte	495	853	732	775	297	527	576	577	482	610
Camarines Sur	60,268	97,744	101,674	88,516	80,079	117,484	126,638	150,050	169,132	136,719
Catanduanes	74	73	62	69	59	71	97	124	154	241
Masbate	1,321	2,213	3,232	2,115	2,039	444	216	1,751	1,520	1,435
Sorsogon	137	220	142	1,138	30	11	64	71	128	337
Western Visayas	200,227	250,188	276,575	214,329	193,748	242,403	256,055	265,999	267,766	254,882
Aklan	483	1,176	400	1,354	593	2,593	1,372	2,093	1,900	1,674
Antique	7,543	7,498	8,238	9,054	1,468	4,270	4,934	4,020	4,784	3,733
Capiz	41,784	76,823	58,412	57,451	41,122	46,621	50,145	52,059	57,453	62,070
Guimaras	498	1,026	642	633	316	150	76	153	318	212
Iloilo	121,291	123,889	164,632	103,553	104,439	138,454	145,273	142,669	121,847	118,572
Negros Occidental	28,628	39,776	44,251	42,284	45,810	50,315	54,255	65,005	81,464	68,621
Central Visayas	13,684	15,725	9,873	5,744	1,428	1,272	751	3,199	2,039	1,379
Bohol	457	3,405	1,164	961	197	117	89	510	655	16
Cebu	7,011	4,547	4,914	2,863	909	769	396	1,736	584	851
Negros Oriental	6,040	7,450	3,523	1,731	260	323	212	696	797	503
Siquijor	176	323	272	189	62	63	54	257	3	9
Eastern Visayas	5,554	8,067	9,960	12,393	12,635	12,764	13,173	13,225	13,379	13,404
Biliran	342	261	291	271	228	236	238	232	236	235
Eastern Samar	133	186	214	246	278	273	299	268	302	315
Leyte	2,826	4,995	5,941	7,156	7,045	6,717	7,018	7,180	7,380	7,505
Northern Samar	1,584	1,924	2,794	2,905	3,254	3,715	3,815	3,910	4,011	3,942
Southern Leyte	642	667	720	755	701	680	687	527	519	528
Samar (Western Samar)	27	34	..	1,060	1,129	1,143	1,116	1,108	931	879
Zamboanga Peninsula	13,040	31,216	31,410	32,174	31,363	50,141	43,760	32,882	30,325	34,821
Zamboanga del Norte	401	2,957	2,335	8,063	5,426	4,981	1,766	1,714	1,890	3,335
Zamboanga del Sur	7,084	18,947	23,735	18,314	21,071	39,479	34,646	24,080	20,932	23,176
Zamboanga Sibugay	1,563	4,705	1,210	1,340	1,352	1,164	1,863	1,667	1,665	1,807
Zamboanga City	3,992	4,607	4,130	4,457	3,514	4,517	5,485	5,421	5,838	6,503
Northern Mindanao	595,368	690,085	745,986	787,963	780,405	862,454	864,835	829,795	795,914	809,043
Bukidnon	555,132	626,092	672,381	718,938	712,254	761,951	780,267	730,181	689,566	702,712
Camiguin	62	34	35	53	56	88	101	109	86	94
Lanao del Norte	7,384	27,192	28,674	20,707	23,576	44,108	18,100	31,151	33,782	39,294
Misamis Occidental	1,963	2,417	3,154	7,188	4,198	3,293	3,935	4,041	4,460	4,205
Misamis Oriental	30,827	34,350	41,742	41,077	40,321	53,014	62,432	64,313	68,020	62,738
Davao Region	85,313	120,153	98,403	48,672	35,940	37,658	47,923	53,712	67,575	50,874
Davao del Norte	12,345	19,986	32,412	13,707	9,218	11,081	8,828	10,389	11,706	9,441
Davao del Sur	16,688	32,235	16,055	4,454	1,491	5,283	11,915	24,737	26,509	19,296
Davao Oriental	20,789	27,659	14,326	3,936	2,655	1,335	923	2,174	1,544	1,428
Compostela Valley	31,269	30,332	23,510	21,290	17,816	15,825	21,412	10,969	19,720	14,496
Davao City	4,222	9,941	12,100	5,285	4,760	4,134	4,845	5,443	8,096	6,213
SOCCSKSARGEN	676,521	744,419	820,470	858,726	817,874	916,746	960,272	1,036,036	1,072,891	1,005,386
North Cotabato	176,431	227,834	274,939	263,517	242,644	301,515	316,920	346,034	343,098	307,947
Sarangani	59,768	72,249	72,173	69,793	65,218	69,498	71,992	82,770	89,682	80,148
South Cotabato	321,990	319,158	329,451	359,103	358,461	370,427	382,249	407,397	438,605	415,572
Sultan Kudarat	118,332	125,178	143,907	166,313	151,551	175,306	189,111	199,835	201,506	201,719
Caraga	24,052	39,043	33,755	33,771	45,663	40,574	45,059	53,281	68,320	62,695
Agusan del Norte	1,865	5,902	4,193	2,151	4,203	4,691	2,070	4,376	5,170	6,674
Agusan del Sur	20,845	29,991	26,322	29,335	39,689	34,890	40,025	46,011	59,018	54,209
Dinagat Islands	..	..	..	..	..	..	..	..	50	14
Surigao del Norte	818	912	930	657	413	300	301	506	876	744
Surigao del Sur	524	2,238	2,310	1,628	1,358	693	2,663	2,388	3,206	1,054
ARMM	149,857	196,081	263,556	257,796	222,921	148,752	141,945	148,005	155,994	157,311
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	82,768	81,482	62,816	45,559	46,030	62,415	45,676	68,602	63,578	65,625
Maguindanao	67,089	114,599	200,740	212,237	176,891	86,337	96,269	79,403	92,416	91,686
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Notes:
Zamboanga Sibugay included in Zamboanga del Sur prior to 2002
Compostela Valley included in Davao del Norte prior to 2002
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009

.. Data not available
Totals may not add up due to rounding off

Source: Philippine Statistics Authority

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Abaca										
Philippines	69,802	66,437	68,386	65,825	66,512	68,613	68,510	64,952	68,053	70,356
NCR										
CAR	14	14	13	13	13	13	13	13	11	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	14	14	13	13	13	13	13	13	11	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	48	53	80	100	109	111	126	113	95	102
Aurora	48	53	80	100	109	111	126	113	95	102
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	37	52	24	21	2	4	11	15	2	4
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	0	1	3	2	2	3	3	3	2	2
Quezon	37	51	21	19	0	1	8	12	..	2
Rizal	..	..	0	0	..	..	..	..	..	..
MIMAROPA	67	69	72	74	77	89	106	121	149	113
Marinduque	6	6	6	3	4	4	4	4	3	2
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	56	55	55	57	63	68	73	76	90	80
Palawan	5	8	10	14	11	18	30	41	57	31
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	20,328	17,145	18,363	18,833	20,264	22,645	23,086	24,078	28,951	29,561
Albay	1,482	1,378	1,405	1,407	1,473	1,440	1,516	1,617	1,368	1,365
Camarines Norte	127	155	188	160	121	113	116	120	123	127
Camarines Sur	446	273	390	370	392	792	909	912	856	841
Catanduanes	16,136	13,615	14,506	15,141	16,461	18,519	19,045	20,092	25,435	26,419
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	2,136	1,723	1,874	1,754	1,817	1,781	1,501	1,337	1,169	809
Western Visayas	1,579	1,338	1,679	1,568	1,492	1,853	2,236	1,741	1,599	1,959
Aklan	1,061	823	1,172	1,135	1,089	1,417	1,732	1,355	1,208	1,481
Antique	41	60	57	62	60	56	52	50	49	59
Capiz	13	13	14	16	12	15	20	20	61	93
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	459	436	431	350	327	361	428	311	241	265
Negros Occidental	7	7	6	5	4	4	5	5	41	61
Central Visayas	390	470	731	383	332	397	414	415	493	555
Bohol	7	22	280	17	39	56	31	16	6	2
Cebu	11	13	14	15	15	16	22	17	10	14
Negros Oriental	371	435	437	351	279	324	362	382	477	539
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	25,788	24,752	23,779	21,239	20,326	20,023	19,191	16,597	12,849	12,753
Biliran	33	37	307	25	75	127	99	81	70	123
Eastern Samar	396	426	411	405	400	397	401	370	292	123
Leyte	12,043	10,906	10,144	9,232	8,372	7,427	6,607	4,833	1,483	1,532
Northern Samar	4,753	4,870	5,049	5,204	5,448	7,196	7,330	7,434	7,579	7,550
Southern Leyte	1,710	1,717	1,741	1,729	1,807	1,375	1,382	1,381	1,270	1,318
Samar (Western Samar)	6,853	6,797	6,128	4,645	4,225	3,502	3,372	2,498	2,156	2,107
Zamboanga Peninsula	113	221	177	198	231	631	675	590	679	677
Zamboanga del Norte	37	41	49	57	74	161	167	175	187	197
Zamboanga del Sur	35	52	38	40	39	102	99	111	135	144
Zamboanga Sibugay	18	100	60	72	88	294	303	183	196	153
Zamboanga City	24	29	29	30	30	73	107	121	160	183
Northern Mindanao	1,553	1,569	1,615	1,741	1,768	1,825	2,043	2,244	3,120	3,199
Bukidnon	1,396	1,395	1,400	1,430	1,455	1,515	1,447	1,470	2,261	2,317
Camiguin	7	15	29	28	19	22	27	28	23	21
Lanao del Norte	37	40	42	112	98	91	109	119	142	157
Misamis Occidental	42	45	47	66	75	77	80	77	79	69
Misamis Oriental	71	74	96	105	121	119	380	551	615	635
Davao Region	8,901	9,554	10,247	10,212	10,242	9,226	8,839	7,269	8,127	8,300
Davao del Norte	522	360	349	417	466	303	255	233	242	252
Davao del Sur	3,267	3,323	3,349	3,205	3,134	2,931	2,980	3,067	3,206	3,228
Davao Oriental	4,971	5,041	5,079	5,097	5,118	4,976	4,732	3,484	4,138	4,243
Compostela Valley	119	808	1,447	1,471	1,500	994	848	460	517	553
Davao City	22	22	22	22	22	22	25	24	24	25
SOCCSKSARGEN	709	727	741	800	828	878	916	954	1,049	1,051
North Cotabato	10	9	13	14	13	13	25	48	53	64
Sarangani	200	203	202	208	210	179	171	175	258	253
South Cotabato	471	489	496	549	576	663	701	715	726	724
Sultan Kudarat	28	27	29	30	29	23	20	16	11	11
Caraga	5,674	5,835	6,084	5,861	6,059	6,031	5,965	5,828	6,031	7,180
Agusan del Norte	420	502	551	543	548	508	529	521	547	725
Agusan del Sur	1,209	1,264	1,410	1,370	1,393	1,510	1,505	1,674	1,858	2,070
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	29	29	29	25	23	18	11	8	5	5
Surigao del Sur	4,016	4,040	4,095	3,924	4,095	3,995	3,920	3,625	3,621	4,380
ARMM	4,602	4,638	4,779	4,781	4,768	4,886	4,888	4,974	4,897	4,903
Basilan	2	61	64	65	61	56	49	44	34	25
Lanao del Sur	1,732	1,737	1,747	1,770	1,805	1,730	1,625	1,696	1,677	1,701
Maguindanao	62	61	56	54	50	46	59	37	33	31
Sulu	2,803	2,777	2,910	2,891	2,850	3,053	3,154	3,196	3,152	3,145
Tawi-tawi	1	2	2	2	2	1	1	1	1	1

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cacao										
Philippines	5,415	5,237	5,149	5,134	5,019	4,856	4,831	4,876	5,428	6,023
NCR										
CAR	14	14	13	14	14	14	15	21	28	31
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	8	8	7	8	8	7	7	13	20	22
Benguet	5	4	4	4	4	4	3	3	3	3
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1	2	2	2	2	3	4	5	5	6
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	48	48	50	49	46	45	42	39	40	40
Ilocos Norte	4	4	6	6	7	7	8	8	8	9
Ilocos Sur	4	4	4	5	5	5	5	5	6	6
La Union	13	14	14	14	11	12	11	11	12	12
Pangasinan	27	25	26	24	23	21	18	15	14	14
Cagayan Valley	92	104	109	116	83	64	62	69	75	91
Batanes	..	..	..	..	..	..	0	0	0	0
Cagayan	57	68	72	75	46	47	51	56	61	72
Isabela	29	31	31	32	30	8	7	7	9	10
Nueva Vizcaya	4	4	4	6	5	5	4	3	3	6
Quirino	2	2	2	2	2	3	..	2	2	3
Central Luzon	37	38	40	41	42	44	46	45	48	54
Aurora	30	33	35	37	39	40	43	42	45	51
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	8	6	5	4	4	3	3	3	3	3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	38	26	23	22	22	21	20	19	20	14
Batangas	2	3	3	3	3	2	2	1	1	0
Cavite	8	7	7	7	7	7	7	8	8	8
Laguna	2	1	1	0	0	0	0	0	0	0
Quezon	27	16	12	12	11	12	11	10	12	5
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	33	40	44	49	57	61	64	66	83	92
Marinduque	2	2	2	2	2	2	2	2	2	2
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	29	29	28	26	24	23	22	20	20	20
Palawan	1	8	12	19	30	35	38	42	59	69
Romblon	2	2	1	1	1	1	1	1	1	1
Bicol Region	33	23	29	30	31	32	33	34	35	36
Albay	13	12	12	13	13	13	14	15	14	14
Camarines Norte	1	1	1	1	1	1	1	1	1	1
Camarines Sur	10	3	9	9	9	10	10	10	11	11
Catanduanes	1	1	1	1	1	1	1	1	1	1
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	8	6	6	6	7	7	7	7	7	8
Western Visayas	91	80	77	74	67	59	62	63	60	65
Aklan	9	7	6	6	4	3	3	2	2	1
Antique	9	7	6	6	5	5	5	4	4	4
Capiz	6	7	7	7	9	8	10	9	9	9
Guimaras	3	3	3	2	2	2	2	2	2	2
Iloilo	47	41	40	40	35	31	34	37	35	41
Negros Occidental	17	16	15	13	11	10	9	8	8	8
Central Visayas	72	72	65	61	54	53	54	57	56	63
Bohol	23	26	23	23	21	22	24	25	22	29
Cebu	14	13	14	14	12	11	12	15	17	18
Negros Oriental	27	27	23	19	15	14	12	11	10	9
Siquijor	8	8	6	6	6	5	6	6	7	7
Eastern Visayas	131	131	129	127	122	117	114	96	79	75
Biliran	26	26	26	25	23	22	21	18	18	17
Eastern Samar	22	22	23	23	23	23	23	22	16	11
Leyte	24	23	20	19	18	17	16	14	5	9
Northern Samar	24	25	26	27	27	28	29	30	30	30
Southern Leyte	2	2	2	2	2	2	2	2	2	2
Samar (Western Samar)	34	33	32	31	29	25	23	10	8	6
Zamboanga Peninsula	150	142	135	132	122	112	115	104	128	131
Zamboanga del Norte	79	79	79	83	78	77	83	70	80	83
Zamboanga del Sur	48	38	31	24	19	14	12	9	9	8
Zamboanga Sibugay	16	16	16	17	16	15	15	18	34	33
Zamboanga City	8	9	9	9	9	7	6	6	6	6
Northern Mindanao	547	549	551	562	555	396	221	196	176	164
Bukidnon	442	449	455	466	462	310	140	115	95	88
Camiguin	10	9	9	8	8	8	6	7	6	6
Lanao del Norte	66	63	60	60	57	54	51	53	49	43
Misamis Occidental	17	17	16	17	16	16	16	16	18	18
Misamis Oriental	12	11	11	10	12	9	7	6	8	9
Davao Region	3,598	3,476	3,470	3,510	3,506	3,617	3,763	3,844	4,366	4,920
Davao del Norte	305	312	319	314	333	342	347	372	830	915
Davao del Sur	1,794	1,694	1,669	1,682	1,665	1,681	1,710	1,718	1,428	1,703
Davao Oriental	461	477	481	487	491	506	485	483	494	510
Compostela Valley	152	155	168	177	181	205	206	142	287	317
Davao City	885	837	832	850	836	884	1,015	1,130	1,327	1,475
SOCCSKSARGEN	98	86	83	79	73	73	74	79	93	104
North Cotabato	24	15	13	12	10	11	13	19	30	41
Sarangani	38	37	36	35	32	30	29	28	28	27
South Cotabato	29	28	28	28	26	28	28	28	30	29
Sultan Kudarat	6	6	6	5	5	4	4	4	6	6
Caraga	308	288	213	157	124	59	63	58	59	60
Agusan del Norte	163	149	103	85	54	7	6	7	8	10
Agusan del Sur	94	91	62	27	24	23	32	25	30	31
Dinagat Islands	..	..	..	..	..	..	..	2	1	2
Surigao del Norte	32	29	29	29	29	15	12	9	7	4
Surigao del Sur	20	19	19	17	17	14	14	15	14	14
ARMM	125	121	118	110	101	91	83	85	82	84
Basilan	4	4	4	4	4	3	3	3	3	3
Lanao del Sur	67	65	64	61	59	55	52	56	54	57
Maguindanao	4	3	3	3	3	3	3	2	2	2
Sulu	47	45	43	39	33	28	23	22	21	20
Tawi-tawi	3	4	3	3	3	2	2	2	2	2

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cashew (ripe fruit with nut)										
Philippines	113,071	112,558	112,334	111,993	134,681	133,388	132,541	146,289	170,853	205,531
NCR										
CAR	..	..	1	1	1	1	1	1	1	1
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	1	1	1	1	1	1	1	1
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	618	668	700	730	692	684	708	719	696	703
Ilocos Norte	18	16	13	12	9	9	8	8	8	9
Ilocos Sur	9	8	8	7	7	6	6	5	5	5
La Union	5	5	5	5	5	5	5	5	5	4
Pangasinan	586	638	674	707	671	664	689	700	677	685
Cagayan Valley	86	79	70	54	49	45	39	30	25	23
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	3	3	3	3	3	1	1	1	1	1
Nueva Vizcaya	83	77	67	51	47	44	38	29	24	22
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	7,928	7,448	7,358	7,147	7,242	6,821	6,093	5,968	5,570	5,675
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	6,770	6,301	6,307	6,150	6,242	5,860	5,150	5,030	4,626	4,730
Bulacan	188	200	186	180	176	180	182	183	181	179
Nueva Ecija	650	600	550	523	512	510	509	506	505	500
Pampanga	2	2	1	2	1	1	1	1	0	0
Tarlac	..	..	..	..	..	3	2	3	2	2
Zambales	319	345	314	293	311	267	248	247	256	263
CALABARZON	97	75	52	49	47	44	45	44	44	46
Batangas	..	..	..	..	..	..	..	..	..	0
Cavite	32	34	34	32	31	27	28	28	28	27
Laguna	0	0	0	0	0	0	0	0	0	0
Quezon	1	1	0	0	0	0	0	0	..	..
Rizal	64	40	18	17	16	16	16	16	16	18
MIMAROPA	103,252	103,261	103,263	103,272	125,864	125,080	125,006	138,874	163,822	198,360
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	85	105	115	125	135	143	152	166	175	189
Oriental Mindoro	..	..	..	..	..	..	..	..	..	3
Palawan	103,168	103,156	103,148	103,147	125,729	124,937	124,854	138,708	163,646	198,168
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	5	4	4	4	4	4	4	4	4	5
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	5	4	4	4	4	4	4	4	4	5
Western Visayas	600	600	563	547	596	563	536	546	597	626
Aklan	2	1	1	1	1	1	0	0	0	0
Antique	8	7	6	5	4	4	3	3	2	2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	588	590	555	540	590	556	532	542	593	623
Iloilo	2	1	1	1	1	1	1	1	1	1
Negros Occidental	0	0	0	0	0	0	0	0	0	0
Central Visayas	127	119	70	57	58	47	39	36	29	31
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	127	119	70	57	58	47	39	36	29	31
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	15	15	14	12	10	7	6	6	5	5
Zamboanga del Norte	3	2	2	1	1	0	0	0	0	..
Zamboanga del Sur	12	12	11	10	9	6	6	5	5	5
Zamboanga Sibugay	1	1	1	1	0	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	176	132	97	40	44	28	7	10	14	16
Bukidnon	116	94	60	5	2	2	1	1	..	0
Camiguin	0	0	0	0	0	0	0	0	0	0
Lanao del Norte	1	1	1	1	1	1	1	1	1	0
Misamis Occidental	0	0	0	0	0	0	0	0	0	0
Misamis Oriental	57	37	36	34	41	26	6	9	14	15
Davao Region	139	133	116	59	56	49	44	39	36	32
Davao del Norte	6	6	7	6	7	6	6	6	6	6
Davao del Sur	10	9	8	8	7	7	7	6	6	6
Davao Oriental	119	115	98	42	38	34	30	27	23	19
Compostela Valley	1	2	2	2	3	2	2	0	1	1
Davao City	2	2	2	2	2	0	0	0	0	0
SOCCSKSARGEN	16	15	14	12	12	11	10	9	9	8
North Cotabato	9	8	8	6	5	5	4	4	3	2
Sarangani	0	0	0	0	0	0	0	0	0	0
South Cotabato	2	2	2	2	2	2	2	2	2	2
Sultan Kudarat	4	4	4	4	4	4	4	4	4	4
Caraga	13	10	12	8	6	4	3	2	1	0
Agusan del Norte	..	..	3	2	..	..	..	..	..	0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	9	7	7	6	5	3	3	2	1	0
Surigao del Sur	4	3	2	1	0	0	0	..	..	..
ARMM	0	0	0	0	0	0	0	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	0	0	0	0	0	0	0	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coconut (with husk)										
Philippines	14,957,910	14,852,927	15,319,527	15,667,565	15,510,283	15,244,609	15,863,801	15,354,334	14,696,298	14,735,189
NCR										
CAR	834	861	866	906	914	907	952	1,079	1,173	1,165
Abra	176	181	185	189	192	191	203	213	220	215
Apayao	225	239	236	255	255	248	268	325	375	393
Benguet	15	16	16	16	15	15	15	15	15	15
Ifugao	70	73	76	80	87	90	95	104	131	135
Kalinga	191	191	191	193	192	190	196	243	257	238
Mountain Province	158	162	162	173	173	172	176	179	175	169
Ilocos Region	31,568	34,551	36,144	38,023	37,379	38,476	39,316	40,482	40,978	39,464
Ilocos Norte	3,798	3,993	4,046	3,933	3,933	4,156	4,438	4,589	4,896	5,089
Ilocos Sur	4,128	4,799	5,355	5,464	5,377	5,135	4,956	5,033	4,841	4,611
La Union	2,075	1,965	1,976	2,025	2,173	2,248	2,329	2,379	2,488	2,525
Pangasinan	21,568	23,795	24,767	26,601	25,896	26,937	27,593	28,481	28,753	27,239
Cagayan Valley	75,549	79,326	77,776	71,896	67,320	59,761	66,233	71,561	74,372	77,118
Batanes	..	..	..	..	..	..	1,415	1,134	896	817
Cagayan	34,405	36,133	34,290	31,554	30,642	32,832	32,602	32,771	33,007	35,785
Isabela	29,616	30,314	30,403	28,286	25,583	15,679	21,169	26,680	29,424	30,236
Nueva Vizcaya	9,174	10,638	10,787	9,767	8,796	9,005	8,829	8,693	8,722	7,931
Quirino	2,355	2,240	2,296	2,289	2,299	2,246	2,218	2,283	2,323	2,350
Central Luzon	183,655	182,403	189,103	199,730	210,442	212,648	209,025	179,360	189,174	167,738
Aurora	177,615	176,187	182,777	193,220	203,800	206,090	202,565	173,017	182,950	161,325
Bataan	3,479	3,470	3,676	3,852	3,911	3,783	3,691	3,564	3,392	3,622
Bulacan	608	624	547	558	563	569	570	581	610	608
Nueva Ecija	690	727	748	765	766	767	772	758	765	747
Pampanga	178	185	192	189	195	198	206	211	216	221
Tarlac	368	383	399	398	394	406	418	434	452	440
Zambales	716	827	763	748	814	836	803	796	790	774
CALABARZON	1,456,735	1,247,032	1,362,852	1,430,128	1,394,638	1,390,854	1,417,439	1,434,804	1,380,491	1,379,298
Batangas	124,938	129,802	133,935	136,030	132,300	125,930	107,439	82,953	69,256	68,372
Cavite	37,983	38,460	38,847	40,124	39,709	40,322	40,386	41,144	36,511	35,931
Laguna	102,409	102,153	98,491	107,322	107,216	109,186	114,450	119,271	96,110	63,990
Quezon	1,190,722	975,960	1,090,941	1,145,999	1,114,764	1,114,761	1,154,500	1,190,719	1,177,893	1,210,225
Rizal	683	658	637	653	649	655	663	717	720	781
MIMAROPA	666,398	567,161	580,603	668,361	659,219	712,900	745,489	779,135	806,929	818,146
Marinduque	139,315	55,836	58,104	85,946	63,289	65,399	65,093	75,865	75,961	83,899
Occidental Mindoro	8,521	8,772	9,727	10,291	10,688	11,096	11,613	11,871	12,238	12,851
Oriental Mindoro	115,319	116,614	115,397	124,740	123,770	126,006	130,224	105,679	107,131	83,985
Palawan	154,023	171,388	181,256	216,080	240,082	289,262	309,968	357,882	397,580	413,629
Romblon	249,221	214,550	216,119	231,304	221,390	221,136	228,591	227,837	214,020	223,782
Bicol Region	1,219,374	959,358	1,159,810	1,257,221	1,269,538	1,201,707	1,240,459	1,255,507	1,124,412	1,105,743
Albay	178,853	144,138	149,595	155,663	161,104	160,987	171,040	180,333	105,420	102,844
Camarines Norte	210,855	214,207	228,772	234,261	235,022	233,187	239,547	244,048	242,369	247,012
Camarines Sur	383,795	184,116	306,314	318,603	331,018	322,149	333,822	340,452	323,599	322,706
Catanduanes	2,455	2,449	2,751	3,167	3,782	4,055	4,181	4,398	4,739	4,967
Masbate	221,366	280,716	295,882	315,810	307,108	285,829	317,015	316,655	300,424	277,812
Sorsogon	222,051	133,732	176,496	229,718	231,504	195,500	174,853	169,622	147,860	150,403
Western Visayas	488,401	483,067	482,736	478,331	472,745	459,784	477,953	470,653	359,826	410,888
Aklan	113,662	113,090	107,140	106,265	109,062	110,728	109,664	98,632	44,227	48,472
Antique	66,508	67,175	67,818	69,392	67,492	67,435	70,704	75,411	72,451	82,600
Capiz	86,758	87,112	89,286	87,663	90,631	90,666	97,891	91,162	42,580	64,711
Guimaras	20,373	21,183	21,787	22,733	24,317	23,763	26,443	26,675	27,817	29,909
Iloilo	80,163	81,169	79,259	75,830	72,403	56,728	62,449	67,055	59,152	68,855
Negros Occidental	120,936	113,338	117,445	116,449	108,840	110,464	110,802	111,718	113,598	116,341
Central Visayas	377,017	396,696	393,855	434,589	429,717	438,267	451,037	458,993	448,111	432,043
Bohol	127,367	143,361	138,766	168,167	183,847	158,668	165,854	172,698	177,573	156,620
Cebu	79,386	84,068	82,308	94,005	87,927	95,695	109,870	113,280	103,476	106,882
Negros Oriental	161,402	160,395	163,803	161,833	147,811	173,375	164,213	162,757	156,684	157,974
Siquijor	8,862	8,872	8,978	10,584	10,132	10,528	11,100	10,257	10,377	10,566
Eastern Visayas	1,760,079	1,778,045	1,805,072	1,776,916	1,769,082	1,769,952	1,771,459	1,623,586	1,191,923	1,165,867
Biliran	42,655	50,668	55,239	55,306	57,358	58,456	58,990	61,417	51,051	51,105
Eastern Samar	277,165	277,077	278,115	272,528	274,596	274,837	274,852	265,987	189,661	158,235
Leyte	729,530	730,471	735,312	705,802	688,922	680,140	676,021	526,559	194,050	201,123
Northern Samar	298,325	301,091	308,363	317,855	327,895	337,690	345,209	355,709	366,401	362,525
Southern Leyte	289,210	289,844	295,622	294,878	294,840	292,527	292,607	286,045	262,955	266,424
Samar (Western Samar)	123,193	128,894	132,421	130,547	125,470	126,302	123,780	127,869	127,804	126,456
Zamboanga Peninsula	1,723,659	1,766,479	1,714,907	1,744,738	1,713,018	1,557,621	1,730,428	1,743,792	1,659,014	1,682,121
Zamboanga del Norte	761,147	759,253	684,651	735,759	712,884	599,249	754,245	766,340	736,200	784,076
Zamboanga del Sur	500,990	561,113	565,130	567,791	583,615	554,972	564,244	562,417	506,453	481,634
Zamboanga Sibugay	212,952	213,263	206,764	211,027	203,406	199,413	204,899	206,067	204,384	202,975
Zamboanga City	248,571	232,850	258,362	230,163	213,113	203,988	207,040	208,969	211,979	213,435
Northern Mindanao	1,491,120	1,669,281	1,713,354	1,743,338	1,757,165	1,745,950	1,816,501	1,816,578	1,838,405	1,851,702
Bukidnon	41,773	44,964	45,986	46,369	49,189	44,556	53,637	53,259	54,643	53,393
Camiguin	82,745	91,786	93,012	109,719	103,557	103,153	108,006	106,671	104,325	102,467
Lanao del Norte	491,079	559,159	571,618	570,077	570,968	566,848	578,098	579,226	586,380	589,235
Misamis Occidental	428,970	479,237	490,459	509,893	540,795	546,442	558,424	562,117	572,603	582,151
Misamis Oriental	446,554	494,135	512,279	507,280	492,656	484,951	518,335	515,305	520,454	524,456
Davao Region	2,497,515	2,581,103	2,671,203	2,691,905	2,635,867	2,627,248	2,720,233	2,275,980	2,332,090	2,246,188
Davao del Norte	216,992	226,479	235,482	234,468	240,765	239,304	239,636	228,096	233,922	228,877
Davao del Sur	760,746	808,383	838,497	855,457	842,343	837,687	894,508	912,017	938,557	872,896
Davao Oriental	1,013,742	1,051,984	1,099,604	1,079,990	1,040,864	1,046,224	1,071,896	693,414	724,773	703,641
Compostela Valley	280,687	277,905	276,651	282,907	264,864	250,485	252,898	176,457	179,326	185,134
Davao City	225,349	216,352	220,970	239,084	247,032	253,548	261,295	265,995	255,512	255,640
SOCCSKSARGEN	810,160	854,582	870,094	895,086	864,270	879,868	985,175	1,040,610	1,071,707	1,159,818
North Cotabato	174,898	177,071	180,448	183,439	181,791	187,993	189,834	194,870	197,193	196,721
Sarangani	355,538	382,354	386,394	395,909	363,916	365,105	441,578	450,243	452,979	502,890
South Cotabato	142,510	146,295	155,113	157,216	160,762	164,345	173,573	178,317	180,605	181,396
Sultan Kudarat	137,214	148,861	148,139	158,522	157,801	162,425	180,190	217,181	240,930	278,811
Caraga	995,136	1,010,275	1,011,096	985,427	974,213	879,400	880,883	834,917	821,513	804,723
Agusan del Norte	148,647	161,786	164,824	162,216	161,985	152,914	154,738	159,449	156,742	158,349
Agusan del Sur	41,810	42,941	43,247	43,208	42,205	40,950	43,361	37,552	42,243	38,137
Dinagat Islands	..	..	..	..	..	..	..	12,427	10,788	11,172
Surigao del Norte	351,301	349,803	343,891	327,906	317,372	265,308	265,753	222,883	208,105	199,840
Surigao del Sur	453,378	455,745	459,134	452,096	452,651	420,228	417,032	402,607	403,635	397,224
ARMM	1,180,709	1,242,708	1,250,054	1,250,971	1,254,755	1,269,268	1,311,219	1,327,299	1,356,182	1,393,168
Basilan	210,567	217,769	215,458	215,465	212,582	196,102	204,023	193,180	182,236	163,251
Lanao del Sur	170,338	169,861	170,725	171,482	174,120	175,154	174,346	171,247	177,145	184,781
Maguindanao	440,361	498,522	502,305	502,428	509,767	541,041	563,371	590,191	621,104	664,088
Sulu	203,538	206,360	212,762	209,470	206,797	200,492	206,918	207,883	210,234	215,471
Tawi-tawi	155,905	150,196	148,805	152,127	151,491	156,480	162,562	164,798	165,462	165,578

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee (dried berries)										
Philippines	104,093	97,877	97,428	96,433	94,536	88,526	88,943	78,634	75,454	72,342
NCR										
CAR	6,346	6,252	5,950	5,700	5,608	5,627	5,673	5,465	5,251	5,210
Abra	57	56	55	54	54	54	54	52	52	52
Apayao	19	14	16	16	14	13	13	16	20	23
Benguet	457	468	478	485	488	487	492	501	536	541
Ifugao	1,120	1,114	1,103	1,091	1,076	1,054	1,061	1,052	1,029	985
Kalinga	4,065	4,022	3,977	3,852	3,803	3,857	3,899	3,699	3,470	3,480
Mountain Province	628	579	321	202	173	162	155	145	145	128
Ilocos Region	85	88	98	105	107	94	86	84	84	80
Ilocos Norte	1	1	1	1	1	1	1	1	1	1
Ilocos Sur	46	43	48	50	47	49	50	51	52	49
La Union	34	41	46	52	56	42	32	30	29	28
Pangasinan	3	3	3	3	2	2	2	2	2	3
Cagayan Valley	1,040	1,062	1,080	1,099	1,040	1,012	813	767	744	743
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	54	59	55	61	51	46	50	52	49	48
Isabela	31	30	30	31	30	18	20	22	23	24
Nueva Vizcaya	894	914	932	947	907	905	721	664	643	623
Quirino	62	60	62	60	52	43	22	29	30	48
Central Luzon	1,534	1,591	1,673	1,706	1,768	1,699	1,699	1,705	1,645	1,649
Aurora	255	258	253	261	269	274	275	260	257	233
Bataan	316	319	303	308	310	305	333	326	329	330
Bulacan	963	1,014	1,116	1,136	1,190	1,119	1,090	1,119	1,060	1,086
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	1	1	0	0	0	0	0	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	10,276	8,819	9,132	9,084	8,764	5,550	8,568	5,238	4,691	2,272
Batangas	1,574	1,296	1,230	1,244	1,203	1,028	995	754	713	667
Cavite	7,515	6,860	7,228	7,218	7,000	4,022	7,086	3,999	3,514	1,219
Laguna	271	72	97	89	78	61	64	76	81	70
Quezon	839	521	491	437	403	366	348	329	301	253
Rizal	77	69	87	95	80	73	76	80	82	64
MIMAROPA	205	206	207	202	204	200	194	183	182	178
Marinduque	33	30	31	31	31	32	34	31	30	28
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	68	67	66	63	60	59	58	51	49	45
Palawan	103	109	111	107	113	109	102	101	103	105
Romblon	0	..	..	..	..	..	..	..	..	..
Bicol Region	366	340	339	335	336	327	331	325	299	296
Albay	96	95	98	102	106	104	107	114	98	101
Camarines Norte	40	33	25	29	25	24	25	26	26	26
Camarines Sur	38	21	27	26	26	27	27	27	26	26
Catanduanes	2	2	2	2	2	2	2	2	2	2
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	190	189	188	176	177	171	171	157	147	141
Western Visayas	6,004	5,835	5,734	5,902	5,625	5,916	5,695	4,938	4,346	4,391
Aklan	4	3	3	5	4	1	..	..	..	..
Antique	36	34	32	30	29	27	26	26	25	25
Capiz	1,750	1,666	1,711	1,700	1,696	1,803	1,804	1,134	943	895
Guimaras	21	18	20	23	19	21	20	20	11	10
Iloilo	3,382	3,308	3,192	3,394	3,153	3,368	3,198	3,082	2,723	2,799
Negros Occidental	812	805	775	750	725	696	646	677	643	662
Central Visayas	364	314	295	251	213	234	239	235	218	209
Bohol	10	6	3	2	2	5	10	26	42	57
Cebu	3	1	1	1	2	4	5	3	3	3
Negros Oriental	349	307	291	247	209	225	225	206	173	148
Siquijor	2	1	0	0	0	0	..	..	..	..
Eastern Visayas	207	197	247	227	212	201	193	128	61	59
Biliran	6	5	5	5	5	5	5	5	4	4
Eastern Samar	7	6	14	14	15	14	13	13	9	5
Leyte	150	137	97	93	90	88	85	56	24	25
Northern Samar	..	..	..	..	..	..	..	..	..	2
Southern Leyte	5	4	16	8	8	8	8	7	6	6
Samar (Western Samar)	40	45	115	106	95	87	82	48	19	17
Zamboanga Peninsula	1,368	1,337	1,314	1,263	1,202	1,023	993	961	969	1,007
Zamboanga del Norte	848	879	883	868	846	713	714	713	741	774
Zamboanga del Sur	182	145	121	91	61	45	32	26	21	20
Zamboanga Sibugay	136	131	133	130	130	115	129	113	105	113
Zamboanga City	201	183	177	174	165	150	118	109	102	100
Northern Mindanao	6,292	6,287	6,203	6,016	5,957	5,858	5,225	5,335	5,416	5,437
Bukidnon	4,954	4,971	4,890	4,691	4,625	4,562	3,948	4,100	4,225	4,255
Camiguin	32	27	24	20	16	14	12	11	10	9
Lanao del Norte	611	616	611	615	601	577	555	541	543	527
Misamis Occidental	23	22	24	25	28	31	33	34	37	39
Misamis Oriental	673	651	654	666	686	674	678	649	601	607
Davao Region	28,839	24,466	24,066	23,632	22,682	20,465	18,950	12,389	11,793	11,681
Davao del Norte	1,210	1,176	1,151	1,131	1,135	1,144	1,156	1,134	1,154	1,174
Davao del Sur	5,231	5,152	5,065	5,088	4,760	4,803	4,831	4,855	5,083	5,154
Davao Oriental	1,660	1,619	1,605	1,569	1,547	1,522	1,481	1,437	1,399	1,367
Compostela Valley	12,450	11,726	11,758	11,764	11,614	9,867	8,597	2,211	1,514	1,433
Davao City	8,288	4,794	4,488	4,081	3,625	3,128	2,885	2,753	2,642	2,553
SOCCSKSARGEN	27,047	27,123	27,022	27,554	27,761	27,423	27,869	28,891	28,000	26,958
North Cotabato	3,616	2,906	2,564	2,748	2,670	2,636	2,734	2,821	2,858	2,861
Sarangani	490	509	521	528	521	535	540	551	556	553
South Cotabato	2,181	2,182	2,039	1,867	1,781	1,897	1,886	1,957	1,973	1,947
Sultan Kudarat	20,759	21,527	21,898	22,411	22,789	22,355	22,709	23,562	22,613	21,597
Caraga	3,120	3,115	3,147	2,619	2,252	2,008	1,787	1,497	1,406	1,646
Agusan del Norte	530	610	627	250	209	111	88	66	71	80
Agusan del Sur	495	483	487	411	326	249	237	68	41	42
Dinagat Islands	..	..	..	..	..	..	..	0	0	0
Surigao del Norte	12	22	22	17	14	8	7	5	3	2
Surigao del Sur	2,082	2,001	2,012	1,941	1,703	1,639	1,454	1,359	1,290	1,521
ARMM	11,000	10,844	10,922	10,737	10,803	10,890	10,629	10,491	10,349	10,526
Basilan	2,090	2,105	2,050	2,032	1,981	1,939	1,879	1,827	1,783	1,781
Lanao del Sur	299	294	279	297	286	291	292	301	303	318
Maguindanao	3,649	3,360	3,363	3,370	3,364	3,355	3,369	3,359	3,349	3,432
Sulu	4,839	4,942	5,092	4,911	5,051	5,187	4,985	4,911	4,831	4,907
Tawi-tawi	124	143	137	128	122	118	103	94	83	88

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee Arabica (dried berries)										
Philippines	20,315	19,739	19,677	19,655	19,421	19,002	18,783	18,594	18,028	17,434
NCR										
CAR	522	533	535	548	550	550	555	548	579	582
Abra	26	25	25	24	24	25	24	24	23	23
Apayao	7	5	6	6	5	5	4	6	6	6
Benguet	369	379	388	395	399	398	403	411	445	452
Ifugao	15	15	16	18	19	17	17	17	15	15
Kalinga	62	63	59	58	57	58	57	40	36	35
Mountain Province	44	45	42	47	46	48	50	51	53	52
Ilocos Region	27	30	33	37	38	30	25	24	23	24
Ilocos Norte	0	0	0	0	0	0	0	0	0	0
Ilocos Sur	6	5	5	6	5	5	5	6	6	6
La Union	19	23	26	30	31	24	18	17	16	16
Pangasinan	2	2	2	2	1	1	1	1	1	2
Cagayan Valley	209	217	216	222	210	201	150	151	144	139
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	43	48	44	49	42	38	41	43	40	39
Isabela	10	11	11	11	11	6	7	7	7	8
Nueva Vizcaya	153	156	158	160	156	156	102	100	95	91
Quirino	2	2	2	2	2	2	1	1	2	1
Central Luzon	5	6	6	6	6	5	5	5	5	5
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	5	6	6	6	6	5	5	5	5	5
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	155	88	91	85	76	69	69	65	61	11
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	29	9	10	8	7	6	6	5	3	0
Quezon	102	57	54	48	45	41	40	35	31	0
Rizal	24	22	27	29	24	22	23	25	26	10
MIMAROPA	8	7	7	6	6	5	5	5	4	3
Marinduque	4	4	4	4	4	4	4	4	4	3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	0	0	0	0	0	0	0	0	0	0
Palawan	4	4	3	2	2	2	1	1	1	1
Romblon	0	..	..	..	..	..	..	..	..	..
Bicol Region	85	74	75	76	75	73	74	76	69	70
Albay	25	25	26	27	28	27	28	30	25	26
Camarines Norte	15	13	10	12	10	9	9	10	10	10
Camarines Sur	17	10	12	12	12	12	12	12	12	11
Catanduanes	2	2	2	2	2	2	2	2	2	2
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	25	25	25	23	23	23	23	22	20	20
Western Visayas	956	935	913	947	885	928	879	849	767	782
Aklan	0	0	0	0	0	..	..	..	..	..
Antique	13	12	12	11	11	10	10	10	9	9
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	2	2	2	2	2	2	2	2	0	0
Iloilo	941	921	900	934	872	916	867	837	757	772
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	48	39	37	36	23	25	23	28	26	24
Bohol	8	4	2	2	2	2	2	3	4	4
Cebu	1	1	0	0	0	0	0	0	0	0
Negros Oriental	36	34	34	33	21	23	21	25	22	19
Siquijor	2	1	0	0	0	0	..	..	..	..
Eastern Visayas	78	73	71	68	65	62	58	41	23	11
Biliran	4	3	3	3	3	2	2	2	2	2
Eastern Samar	3	3	3	3	3	3	2	2	1	1
Leyte	64	59	43	42	40	39	38	28	11	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	0	0	3	3	3	3	3	2	2	2
Samar (Western Samar)	7	7	19	18	16	14	13	7	7	7
Zamboanga Peninsula	643	623	594	546	507	429	421	405	406	424
Zamboanga del Norte	456	455	436	400	375	311	311	308	314	329
Zamboanga del Sur	61	47	37	27	18	13	9	8	7	7
Zamboanga Sibugay	48	45	47	46	46	41	45	38	36	40
Zamboanga City	79	76	74	73	69	65	56	51	49	49
Northern Mindanao	408	399	395	393	386	381	378	379	380	372
Bukidnon	6	6	6	6	5	10	15	24	30	34
Camiguin	8	7	6	4	4	3	3	3	3	2
Lanao del Norte	370	361	358	357	349	338	329	322	316	304
Misamis Occidental	20	20	21	22	24	27	28	28	29	30
Misamis Oriental	4	4	4	4	4	4	4	3	3	2
Davao Region	3,805	3,216	3,152	3,138	3,004	2,799	2,691	2,385	2,355	2,330
Davao del Norte	377	363	356	351	352	353	358	351	358	364
Davao del Sur	1,349	1,360	1,365	1,370	1,335	1,344	1,352	1,358	1,436	1,427
Davao Oriental	89	83	84	83	81	81	80	76	76	74
Compostela Valley	755	717	692	670	650	551	458	178	98	91
Davao City	1,235	694	654	664	586	470	443	423	387	375
SOCCSKSARGEN	11,625	11,778	11,804	11,831	11,841	11,713	11,767	11,985	11,575	11,024
North Cotabato	457	433	417	401	397	397	415	449	464	443
Sarangani	239	250	256	259	255	263	266	272	274	273
South Cotabato	1,292	1,238	1,151	982	872	903	890	932	940	924
Sultan Kudarat	9,637	9,857	9,981	10,188	10,318	10,149	10,196	10,331	9,897	9,384
Caraga	2	3	3	2	2	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2	3	3	2	2	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	1,738	1,719	1,745	1,715	1,746	1,731	1,682	1,647	1,611	1,633
Basilan	296	296	289	286	280	270	260	255	245	243
Lanao del Sur	1	1	1	1	1	1	1	1	1	7
Maguindanao	484	452	453	457	452	449	447	437	428	428
Sulu	909	913	949	921	966	965	932	917	907	921
Tawi-tawi	48	57	54	50	47	46	42	37	30	33

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee Excelsa (dried berries)										
Philippines	8,326	7,129	6,763	6,572	6,354	5,916	5,737	4,917	4,725	4,546
NCR										
CAR	92	92	90	87	85	86	88	84	79	77
Abra	7	7	7	7	7	7	7	6	6	7
Apayao	2	2	2	2	1	2	2	2	2	2
Benguet	23	23	23	23	23	22	22	22	21	20
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	57	57	56	54	53	55	58	54	49	49
Mountain Province	4	4	2	2	1	1	0	..	..	..
Ilocos Region	16	15	17	19	19	17	16	16	16	15
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	10	10	10	11	10	11	11	11	11	11
La Union	5	6	7	8	8	6	5	5	5	4
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	158	162	164	167	155	153	120	104	100	95
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	0	0	0	0	0	0	0	0	0	0
Isabela	2	2	2	2	2	1	1	2	2	2
Nueva Vizcaya	146	150	152	155	145	144	115	98	93	89
Quirino	9	9	10	9	8	7	4	4	4	4
Central Luzon	39	41	42	39	41	41	38	35	35	28
Aurora	34	36	35	32	34	33	31	28	28	21
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	5	5	7	7	8	7	7	7	7	7
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1,306	968	939	926	891	725	816	587	547	381
Batangas	461	352	335	341	334	284	333	255	244	219
Cavite	440	418	413	409	407	310	357	210	191	67
Laguna	41	11	11	11	9	4	5	7	8	7
Quezon	349	176	165	150	129	116	110	102	92	81
Rizal	15	12	15	15	13	11	12	13	13	8
MIMAROPA	44	44	44	43	44	42	39	33	30	27
Marinduque	6	4	4	4	4	4	4	4	4	3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	20	20	20	19	18	18	17	14	13	12
Palawan	18	20	21	20	22	20	17	15	13	12
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	1	1	1	1	1	1	1	1	1	1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	1	1	1	1	1	1	1	1	1	1
Western Visayas	2	2	2	2	2	2	2	1	1	1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	2	2	2	2	2	2	2	1	1	1
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	0	0	0	0	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	0	0	0	0	0	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0	0	0	0	0	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	56	52	49	47	43	42	40	26	14	19
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	48	44	25	24	23	22	22	13	6	11
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	0	0	2	1	1	1	1	1	1	1
Samar (Western Samar)	7	7	23	22	18	17	17	11	7	6
Zamboanga Peninsula	186	174	162	152	143	125	117	109	107	109
Zamboanga del Norte	71	71	68	63	64	54	55	54	55	58
Zamboanga del Sur	34	27	22	18	12	9	7	5	4	4
Zamboanga Sibugay	25	24	23	23	22	20	22	20	18	19
Zamboanga City	57	52	49	48	44	42	33	31	30	28
Northern Mindanao	401	389	372	354	354	349	346	298	261	250
Bukidnon	9	10	8	7	7	7	3	6	8	8
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	28	28	29	29	29	26	24	24	23	21
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	365	352	336	318	318	316	319	268	230	221
Davao Region	3,125	2,604	2,525	2,519	2,433	2,236	2,062	1,602	1,505	1,476
Davao del Norte	193	187	183	181	182	182	185	179	185	188
Davao del Sur	773	750	755	762	743	755	762	768	793	782
Davao Oriental	135	131	130	126	124	122	120	114	114	111
Compostela Valley	1,097	1,019	988	972	938	797	646	209	105	100
Davao City	926	517	469	479	445	381	349	331	308	296
SOCCSKSARGEN	1,074	744	529	630	594	575	599	613	625	635
North Cotabato	1,019	688	471	570	535	516	540	552	564	574
Sarangani	47	48	49	50	50	52	52	53	54	54
South Cotabato	0	0	0	0	0	0	0	0	1	0
Sultan Kudarat	8	9	9	9	9	7	7	7	7	6
Caraga	371	363	310	116	61	30	22	10	7	5
Agusan del Norte	210	220	179	51	36	16	10	3	3	2
Agusan del Sur	143	130	123	63	22	13	11	6	4	3
Dinagat Islands	..	..	..	..	..	..	..	0	0	0
Surigao del Norte	2	4	4	3	2	2	2	1	1	0
Surigao del Sur	16	8	5	..	..	..	..	..	..	..
ARMM	1,452	1,475	1,516	1,469	1,489	1,492	1,429	1,398	1,397	1,425
Basilan	26	26	26	26	26	24	24	23	22	23
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	24	24	24	25	24	21	21	17	16	15
Sulu	1,327	1,339	1,382	1,340	1,365	1,375	1,323	1,301	1,306	1,331
Tawi-tawi	75	86	84	78	75	72	61	57	53	55

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee Liberica (dried berries)										
Philippines	776	677	666	652	633	630	598	563	533	514
NCR										
CAR	18	18	18	17	18	17	17	17	16	16
Abra	18	18	18	17	18	17	17	17	16	16
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	10	11	11	11	10	8	7	7	6	6
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	2	2	2	2	2	2	2	2	2	2
Isabela	2	2	2	2	2	1	1	1	1	1
Nueva Vizcaya	6	7	7	7	6	6	4	4	3	3
Quirino	0	0	0	0	..	..	..	..	..	..
Central Luzon	3	3	3	3	3	3	3	3	3	3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	3	3	3	3	3	3	3	3	3	3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	233	152	146	136	129	112	114	99	94	75
Batangas	41	33	31	30	28	24	26	22	20	21
Cavite	36	32	31	31	31	23	27	18	16	5
Laguna	8	2	2	2	1	1	1	4	6	5
Quezon	149	86	83	73	69	63	60	57	54	45
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	51	46	42	38	33	30	25	20	19	18
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	13	13	13	12	11	11	11	10	10	9
Palawan	38	33	30	26	22	19	13	10	9	9
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	5	5	5	4	5	4	4	4	4	4
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	5	5	5	4	5	4	4	4	4	4
Western Visayas	177	172	168	173	156	166	161	156	140	142
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1	1	1	1	1	1	1	1	0	0
Iloilo	176	171	167	172	155	165	160	155	140	142
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	15	13	11	11	9	9	1	1	0	0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	15	13	11	11	9	9	1	1	0	0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	16	15	14	14	13	13	13	8	3	6
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	16	15	14	14	13	13	13	8	3	6
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	12	11	9	7	6	5	4	4	3	4
Zamboanga del Norte	1	1	1	1	1	2	2	2	2	2
Zamboanga del Sur	9	8	6	4	3	2	1	1	1	1
Zamboanga Sibugay	1	1	1	1	1	1	1	1	..	..
Zamboanga City	1	1	1	1	1	1	1	1	1	1
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	91	85	86	86	83	84	83	82	84	78
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	22	19	19	20	18	20	20	21	22	19
Davao Oriental	69	66	67	66	65	64	63	60	61	59
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	5	5	3	2	2	2	2	3	3	3
North Cotabato	5	5	3	2	2	2	2	3	3	3
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	2	3	3	2	1	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2	3	3	2	1	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	138	141	147	147	165	176	163	160	156	159
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	138	141	147	147	165	176	163	160	156	159
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Coffee Robusta (dried berries)										
Philippines	74,460	70,128	70,118	69,357	67,933	62,978	63,825	54,560	52,168	49,847
NCR										
CAR	5,520	5,416	5,114	4,862	4,772	4,974	5,013	4,816	4,578	4,534
Abra	6	6	6	6	6	6	6	6	6	6
Apayao	11	7	8	8	7	7	7	8	12	16
Benguet	65	66	66	66	66	67	67	68	69	69
Ifugao	1,106	1,098	1,087	1,074	1,057	1,037	1,044	1,036	1,014	970
Kalinga	3,754	3,709	3,670	3,555	3,510	3,744	3,784	3,605	3,385	3,397
Mountain Province	580	531	277	154	126	113	105	94	92	76
Ilocos Region	42	42	47	49	50	47	45	44	45	41
Ilocos Norte	1	1	1	1	1	0	0	0	0	0
Ilocos Sur	30	28	32	33	32	33	34	34	35	32
La Union	10	12	13	14	17	12	10	9	9	8
Pangasinan	1	1	1	1	1	1	1	1	1	1
Cagayan Valley	661	673	689	699	665	650	536	505	494	502
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	8	9	8	9	8	7	7	8	7	7
Isabela	15	15	16	16	15	9	10	11	12	13
Nueva Vizcaya	589	601	615	625	600	599	500	462	451	440
Quirino	50	48	50	48	42	35	18	24	24	43
Central Luzon	1,487	1,541	1,622	1,658	1,718	1,649	1,653	1,662	1,603	1,613
Aurora	221	222	218	229	235	241	244	232	229	213
Bataan	316	319	303	308	310	305	333	326	329	330
Bulacan	950	1,000	1,100	1,120	1,173	1,103	1,075	1,104	1,045	1,070
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	1	1	0	0	0	0	0	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	8,581	7,611	7,957	7,937	7,668	4,643	7,569	4,486	3,989	1,806
Batangas	1,072	911	864	873	841	720	636	477	450	427
Cavite	7,039	6,411	6,785	6,778	6,562	3,688	6,703	3,771	3,307	1,148
Laguna	193	51	74	68	61	49	52	60	65	58
Quezon	239	202	189	166	160	146	138	136	124	127
Rizal	38	36	45	52	43	41	41	42	43	46
MIMAROPA	97	105	110	111	116	122	125	125	128	129
Marinduque	19	19	19	19	19	24	25	23	22	23
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	34	34	33	32	30	30	29	27	26	24
Palawan	44	53	58	60	67	68	71	75	81	83
Romblon	0	..	..	..	..	..	..	..	..	..
Bicol Region	275	259	258	253	255	249	252	244	224	221
Albay	70	70	72	75	78	76	79	84	73	75
Camarines Norte	25	20	15	17	16	15	16	16	16	16
Camarines Sur	20	11	15	14	14	15	15	15	14	14
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	160	158	157	147	148	143	142	130	121	116
Western Visayas	4,868	4,725	4,650	4,780	4,583	4,820	4,653	3,932	3,437	3,465
Aklan	4	3	3	5	4	1	..	..	..	..
Antique	20	19	18	17	16	16	15	15	14	14
Capiz	1,750	1,666	1,711	1,700	1,696	1,803	1,804	1,134	943	895
Guimaras	18	15	16	20	16	18	17	17	10	10
Iloilo	2,264	2,216	2,126	2,288	2,125	2,287	2,171	2,089	1,826	1,885
Negros Occidental	812	805	775	750	725	696	646	677	643	662
Central Visayas	285	261	247	204	181	200	215	207	192	185
Bohol	2	1	1	1	1	4	8	23	37	53
Cebu	1	0	0	0	2	3	4	3	3	3
Negros Oriental	282	259	246	203	178	193	203	180	151	129
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	55	52	107	93	87	85	82	53	21	22
Biliran	2	1	1	2	2	2	2	2	2	1
Eastern Samar	2	2	11	11	11	11	11	11	7	4
Leyte	21	19	15	14	14	13	13	7	4	7
Northern Samar	..	..	..	..	..	..	..	..	..	2
Southern Leyte	4	4	12	4	4	4	4	4	3	3
Samar (Western Samar)	26	26	68	63	57	55	52	29	5	4
Zamboanga Peninsula	526	529	548	559	546	464	451	443	453	470
Zamboanga del Norte	321	352	378	404	406	347	347	350	370	385
Zamboanga del Sur	78	63	55	43	29	21	14	12	9	9
Zamboanga Sibugay	63	60	62	60	60	54	60	54	51	54
Zamboanga City	65	54	53	52	51	43	29	27	23	22
Northern Mindanao	5,483	5,500	5,435	5,267	5,214	5,128	4,501	4,658	4,775	4,815
Bukidnon	4,939	4,955	4,875	4,675	4,610	4,545	3,930	4,070	4,187	4,213
Camiguin	23	20	19	15	13	11	9	8	7	7
Lanao del Norte	213	227	224	229	224	213	202	195	204	202
Misamis Occidental	3	3	3	3	4	4	5	6	8	9
Misamis Oriental	304	295	315	344	364	355	355	379	369	384
Davao Region	21,818	18,561	18,303	17,888	17,162	15,347	14,114	8,321	7,850	7,796
Davao del Norte	640	626	612	599	601	610	614	603	612	622
Davao del Sur	3,087	3,024	2,925	2,936	2,664	2,685	2,698	2,708	2,831	2,926
Davao Oriental	1,367	1,338	1,324	1,294	1,276	1,256	1,218	1,186	1,148	1,123
Compostela Valley	10,597	9,990	10,078	10,121	10,026	8,519	7,492	1,825	1,312	1,243
Davao City	6,127	3,583	3,365	2,938	2,594	2,278	2,093	1,999	1,947	1,882
SOCCSKSARGEN	14,343	14,596	14,686	15,091	15,325	15,134	15,499	16,292	15,797	15,296
North Cotabato	2,135	1,781	1,673	1,774	1,736	1,721	1,776	1,817	1,827	1,841
Sarangani	205	211	217	219	217	220	222	226	227	226
South Cotabato	889	943	888	885	909	993	995	1,025	1,033	1,022
Sultan Kudarat	11,114	11,661	11,908	12,214	12,463	12,199	12,506	13,225	12,710	12,207
Caraga	2,744	2,747	2,830	2,499	2,188	1,977	1,765	1,487	1,399	1,641
Agusan del Norte	320	390	448	200	173	96	79	62	69	79
Agusan del Sur	353	353	364	349	304	236	226	62	37	40
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	6	11	11	10	9	6	6	4	3	2
Surigao del Sur	2,066	1,993	2,007	1,941	1,703	1,639	1,454	1,359	1,290	1,521
ARMM	7,672	7,509	7,514	7,407	7,403	7,491	7,354	7,287	7,185	7,310
Basilan	1,768	1,783	1,736	1,720	1,675	1,645	1,595	1,549	1,516	1,515
Lanao del Sur	298	293	278	296	285	290	291	300	302	311
Maguindanao	3,141	2,884	2,886	2,888	2,888	2,885	2,901	2,905	2,905	2,989
Sulu	2,465	2,549	2,615	2,502	2,554	2,671	2,567	2,533	2,462	2,496
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cotton										
Philippines	2,640	1,360	738	127	35	51	77	55	11	6
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	71	9	6	3	5	5	5	4	3	2
Ilocos Norte	40	3	3	2	2	2	2	2	2	2
Ilocos Sur	5	5	3	1	3	2	2	2	2	..
La Union	11	..	..	..	..	..	..	..	..	..
Pangasinan	15	0	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2	2	2	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	2	2	2	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	52	12	7	7	7	5	55	21	8	4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	7	5	5	5	5	5	4	4	4	4
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	45	7	..	..	2	..	50	17	4	..
Negros Occidental	..	..	3	2	..	..	..	..	..	..
Central Visayas	111	92	72	55	23	42	4	3	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	111	92	72	55	23	42	4	3	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	28	21	17	7	0	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	28	21	17	7	0	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	23	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	23	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	2,248	1,152	588	56	..	..	14	26	..	..
North Cotabato	..	33	28	10	..	..	..	..	..	..
Sarangani	1,627	480	121	23	..	..	..	..	..	..
South Cotabato	427	442	390	23	..	..	14	26	..	..
Sultan Kudarat	194	197	49	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	128	50	45	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	128	50	45	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Oil Palm (fresh fruit bunch)										
Philippines	373,435	414,162	465,995	516,115	565,460	540,914	531,294	473,416	437,439	432,497
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	1,840	10,187	14,283	16,979	18,761
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	1,840	10,187	14,283	16,979	18,761
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	3,711	15,230	20,873	53,598	54,166	47,556	38,600	34,406	32,398	28,173
Bohol	3,711	15,230	20,873	53,598	54,166	47,556	38,600	34,406	32,398	28,173
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	21	29
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	21	29
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	2,496	2,762	3,398	3,982	25,238	29,968	31,955	35,180	38,620	40,975
Bukidnon	..	34	405	730	21,674	24,250	25,700	27,580	28,400	28,950
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	2,496	2,728	2,993	3,252	3,564	5,718	6,255	7,600	10,220	12,025
Davao Region	3,573	4,277	4,736	5,815	6,094	6,127	5,894	2,975	3,547	3,983
Davao del Norte	..	..	..	..	..	..	..	640	722	804
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	3,573	4,277	4,736	5,815	6,094	6,127	5,894	2,335	2,825	3,077
Davao City	..	..	..	..	..	..	..	..	..	102
SOCCSKSARGEN	71,285	82,088	93,334	102,237	106,934	120,830	131,114	143,674	156,352	164,632
North Cotabato	6,143	12,452	20,447	27,197	27,380	37,107	42,904	51,121	60,178	66,263
Sarangani	17	27	29	30	30	27	26	25	26	26
South Cotabato	1,429	2,429	3,385	4,055	6,006	7,099	7,489	8,096	8,644	8,777
Sultan Kudarat	63,696	67,180	69,474	70,955	73,518	76,596	80,695	84,431	87,505	89,566
Caraga	292,296	309,674	343,433	350,195	372,364	315,797	253,117	136,371	140,459	153,184
Agusan del Norte	106	517	862	1,381	1,547	1,585	1,570	1,316	1,480	1,544
Agusan del Sur	292,152	308,872	342,218	348,378	370,342	313,775	250,831	134,304	138,200	149,872
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	39	285	353	436	474	437	716	752	780	1,768
ARMM	73	132	220	288	664	18,795	60,427	106,528	49,064	22,760
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	73	132	220	288	664	18,795	60,427	106,528	49,064	22,760
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Pili Nut										
Philippines	5,116	5,217	5,853	6,122	6,637	7,105	7,933	8,243	7,316	7,362
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	189	172	165	146	128	107	81	63	46	41
Batangas	2	2	2	2	2	2	1	0	0	0
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1	1	1	1	1	1	1	1	1	1
Quezon	186	169	161	142	125	105	79	61	45	40
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0	0	0	0	0	1	1	1	1	2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0	0	0	0	0	1	1	1	1	2
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	4,165	4,268	4,711	4,973	5,491	5,922	6,757	7,081	6,183	6,258
Albay	1,475	1,430	1,529	1,602	1,677	1,819	1,935	2,132	1,743	1,760
Camarines Norte	35	34	39	41	41	43	45	49	50	51
Camarines Sur	320	286	329	338	347	355	365	368	373	382
Catanduanes	8	10	11	11	11	11	11	11	11	12
Masbate	..	..	1	1	1	1	2	2	2	2
Sorsogon	2,328	2,508	2,802	2,981	3,414	3,693	4,400	4,518	4,004	4,052
Western Visayas	82	83	90	90	93	90	87	84	76	73
Aklan	0	0	0	0	0	0	0	0	0	0
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	0	0	0	0	0
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	82	83	90	90	93	90	86	83	76	73
Central Visayas	1	1	1	1	0	0	0	0	0	0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	1	1	1	1	0	0	0	0	0	0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	669	684	874	901	914	974	996	1,004	999	978
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	86	84	82	84	85	84	85	81	62	42
Leyte	5	5	6	6	6	6	6	5	2	2
Northern Samar	536	552	731	748	759	782	803	824	848	843
Southern Leyte	42	43	56	64	64	101	101	94	87	91
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	1	1	3	3	3	3	3	3	3	3
Bukidnon	..	..	..	..	..	..	1	1	0	0
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	1	1	3	3	3	3	3	3	3	3
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	6	6	6	5	6	6	6	6	6	7
Davao del Norte	1	1	1	1	1	1	1	1	1	1
Davao del Sur	4	4	4	3	3	3	3	3	4	4
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	1	1	1	1	1	1	1	1	1	1
Davao City	0	0	0	0	0	0	1	1	1	2
SOCCSKSARGEN	4	3	3	3	2	1	1	1	1	0
North Cotabato	4	3	3	3	2	1	1	1	1	0
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Rubber (cuplump)										
Philippines	351,556	404,072	411,044	390,962	395,237	425,705	442,998	444,818	453,053	398,137
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	261	4	13	15	12	27	35	72	64	35
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	255	3	13	12	10	24	32	70	64	35
Quezon	6	1	..	3	2	3	3	2	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	15	15	16	20	24	37	42	59	102	118
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	11	11	11	12	12
Palawan	15	15	16	20	24	26	31	48	90	106
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	9	18	34
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	9	18	34
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	152,357	175,054	173,715	164,830	171,126	188,934	188,855	195,357	191,610	176,772
Zamboanga del Norte	14,578	14,528	25,050	15,399	17,701	18,433	19,460	19,912	20,668	21,485
Zamboanga del Sur	50,305	69,290	30,519	25,685	24,872	25,602	26,048	27,744	25,775	24,901
Zamboanga Sibugay	85,835	89,516	116,599	122,142	126,915	143,143	141,420	145,745	143,084	128,281
Zamboanga City	1,639	1,721	1,548	1,605	1,638	1,756	1,927	1,956	2,082	2,105
Northern Mindanao	10,156	10,183	10,079	10,169	10,199	10,720	10,792	11,261	11,873	12,142
Bukidnon	9,903	9,923	9,815	9,889	9,920	10,430	10,490	10,900	11,250	11,338
Camiguin	..	..	1	2	2	3	2	2	2	2
Lanao del Norte	..	..	..	..	..	..	..	60	198	218
Misamis Occidental	47	60	13	28	30	32	33	36	46	100
Misamis Oriental	206	200	250	250	247	254	267	264	377	484
Davao Region	16,036	16,376	16,181	15,844	15,795	16,110	16,070	8,241	10,849	11,407
Davao del Norte	1,350	1,228	1,176	1,090	1,085	1,127	1,144	1,112	1,138	1,160
Davao del Sur	2,517	2,432	2,355	2,365	2,313	2,468	2,542	2,561	2,652	2,670
Davao Oriental	..	2	30	59	61	63	64	41	43	46
Compostela Valley	10,803	11,549	11,477	11,188	11,174	11,248	10,895	2,997	5,372	5,734
Davao City	1,367	1,165	1,144	1,143	1,162	1,204	1,425	1,530	1,644	1,797
SOCCSKSARGEN	129,995	157,135	164,005	152,963	149,965	158,995	169,745	172,954	173,977	126,264
North Cotabato	129,318	156,388	163,220	152,154	149,126	158,181	168,936	172,103	173,110	125,428
Sarangani	437	494	501	514	509	470	459	464	467	467
South Cotabato	27	29	29	33	33	33	34	35	35	35
Sultan Kudarat	213	223	255	262	296	310	316	352	364	334
Caraga	14,757	15,420	15,540	14,686	14,619	15,248	16,611	10,031	10,509	12,006
Agusan del Norte	31	26	17	27	30	106	421	506	645	732
Agusan del Sur	14,693	15,340	15,465	14,603	14,525	15,077	16,102	9,429	9,764	11,142
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	5	7	13
Surigao del Sur	33	54	58	56	64	64	88	91	93	119
ARMM	27,979	29,884	31,494	32,435	33,497	35,635	40,849	46,833	54,051	59,359
Basilan	23,856	25,914	30,864	31,918	32,941	34,981	40,048	45,305	51,716	57,519
Lanao del Sur	4,071	3,921	594	425	410	477	494	518	1,028	555
Maguindanao	52	50	36	92	146	177	307	1,010	1,307	1,285
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Sugarcane										
Philippines	24,345,106	22,235,297	26,601,384	22,932,819	17,929,269	28,376,518	26,395,915	24,584,842	25,029,880	22,926,437
NCR										
CAR	9,498	9,564	9,842	10,215	6,992	7,977	7,568	12,895	49,709	51,787
Abra	..	..	..	176	178	179	181	184	187	153
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	10	10
Ifugao	..	..	..	..	..	..	..	103	190	114
Kalinga	8,995	9,062	9,045	9,236	6,000	6,960	6,530	11,750	48,461	50,641
Mountain Province	503	502	797	803	814	838	857	858	861	869
Ilocos Region	18,784	19,001	19,022	20,041	19,614	18,613	19,029	19,320	19,313	19,512
Ilocos Norte	9,089	9,200	9,275	9,490	9,703	9,905	10,025	10,290	10,576	10,698
Ilocos Sur	1,744	2,170	2,331	2,475	2,568	2,595	2,673	2,761	2,714	2,701
La Union	1,191	1,253	1,373	1,391	1,506	1,578	1,629	1,675	1,719	1,820
Pangasinan	6,759	6,378	6,044	6,684	5,837	4,535	4,702	4,595	4,304	4,294
Cagayan Valley	246,278	260,558	263,371	202,232	181,546	176,322	251,805	491,489	569,077	583,808
Batanes	..	..	..	..	..	..	21	21	14	9
Cagayan	181,061	193,733	202,535	150,911	142,218	133,834	178,336	225,302	176,465	211,206
Isabela	64,565	66,327	60,418	50,925	38,980	42,189	73,179	265,902	392,331	372,323
Nueva Vizcaya	134	100	73	68	60	53	24	18	16	8
Quirino	519	397	345	328	288	246	244	247	252	263
Central Luzon	1,065,434	899,692	1,321,301	1,034,084	840,863	998,978	1,393,964	996,970	923,075	678,439
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	5,995	5,998	6,005	6,006	6,000	3,000	2,500	2,100	1,050	1,000
Bulacan	385	220	132	89	30	20	15	14	15	16
Nueva Ecija	2,650	2,782	2,550	2,295	2,295	2,302	2,301	2,653	6,400	6,560
Pampanga	433,772	347,930	504,481	406,733	274,505	301,849	510,842	264,287	189,375	171,569
Tarlac	622,465	542,582	807,951	618,777	557,838	691,601	878,031	727,647	725,957	499,006
Zambales	167	181	182	184	195	206	275	269	277	289
CALABARZON	2,046,536	2,197,814	2,457,833	1,791,746	1,665,807	2,132,415	1,918,858	1,783,985	1,578,076	1,741,706
Batangas	2,016,623	2,171,237	2,429,635	1,753,572	1,627,896	2,093,146	1,857,905	1,722,011	1,512,903	1,647,016
Cavite	20,666	17,145	17,384	27,933	27,875	28,731	50,942	52,964	53,923	78,160
Laguna	9,247	9,432	10,814	10,241	10,036	10,538	10,011	9,010	11,250	11,136
Quezon	..	..	..	..	..	..	..	..	..	5,394
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	298,460	246,222	319,989	246,343	224,001	306,049	282,047	259,311	259,239	239,010
Albay	67,800	60,473	62,105	62,625	64,920	66,462	70,119	74,225	69,412	67,096
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	230,657	185,747	257,882	183,715	159,078	239,584	211,925	185,084	189,824	171,911
Catanduanes	0	0	0	0	0	0	0	0	0	0
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	2	2	2	2	2	2	2	2	2	2
Western Visayas	13,416,415	11,494,675	13,770,505	12,469,613	9,778,749	15,418,669	14,577,517	13,886,060	14,523,886	13,420,517
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	57,562	56,355	54,459	54,149	53,942	55,296	55,874	55,066	54,555	55,824
Capiz	497,391	580,288	551,595	496,933	386,623	607,704	503,261	375,656	482,210	448,599
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	962,740	803,777	1,007,752	791,321	642,212	1,258,358	1,149,658	970,447	1,270,718	1,178,517
Negros Occidental	11,898,723	10,054,255	12,156,699	11,127,210	8,695,971	13,497,311	12,868,724	12,484,891	12,716,403	11,737,577
Central Visayas	2,544,100	2,895,476	2,905,399	2,035,675	1,497,817	2,516,978	2,055,411	2,054,460	2,272,491	1,944,255
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	476,588	343,050	500,609	405,106	286,468	523,780	357,475	310,462	397,247	241,573
Negros Oriental	2,067,512	2,552,426	2,404,790	1,630,569	1,211,349	1,993,198	1,697,936	1,743,998	1,875,244	1,702,682
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	533,863	400,743	553,088	406,876	352,949	516,706	395,844	318,297	348,642	179,363
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	3	2	2	2	2	2	2	2	1	0
Leyte	533,831	400,712	553,057	406,845	352,917	516,675	395,812	318,266	348,614	179,334
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	28	28	29	29	29	29	30	29	27	28
Samar (Western Samar)	0	0	0	0	0	0	0	0	0	0
Zamboanga Peninsula	576	487	421	405	368	355	316	295	288	107
Zamboanga del Norte	313	289	264	257	234	238	220	205	198	18
Zamboanga del Sur	102	45	15	13	9	7	6	6	7	8
Zamboanga Sibugay	41	39	36	33	30	21	8	7	8	8
Zamboanga City	121	115	106	102	96	89	81	76	74	73
Northern Mindanao	3,100,493	2,559,587	3,421,408	3,493,130	2,549,197	4,870,725	4,045,379	3,496,230	3,441,056	3,065,463
Bukidnon	3,099,290	2,559,437	3,421,408	3,493,130	2,549,197	4,870,725	4,045,379	3,496,030	3,440,881	3,065,307
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	1,203	150	..	..	..	..	..	200	175	156
Davao Region	501,087	616,195	574,493	524,686	256,802	535,122	453,209	438,231	335,684	208,743
Davao del Norte	136	147	145	135	143	133	118	101	79	63
Davao del Sur	500,657	615,785	574,099	524,314	256,434	534,800	452,914	438,055	335,542	208,624
Davao Oriental	4	5	5	4	5	5	5	5	5	4
Compostela Valley	291	259	244	233	220	184	173	71	58	51
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	537,014	576,349	926,417	653,062	505,692	821,513	902,178	735,088	632,979	680,383
North Cotabato	398,118	405,528	688,127	450,429	315,435	550,355	581,822	451,532	389,770	431,291
Sarangani	66,835	68,800	121,877	91,126	68,060	97,518	112,016	94,761	84,387	82,661
South Cotabato	50,114	48,880	56,279	47,482	43,330	45,415	54,956	59,888	37,132	38,074
Sultan Kudarat	21,947	53,141	60,134	64,025	78,866	128,225	153,384	128,907	121,689	128,356
Caraga	14	12	9	7	3	1	1	1	0	0
Agusan del Norte	2	2	1	1	0	0	0	0	0	0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	12	10	8	7	3	1	1	1	0	0
ARMM	26,555	58,922	58,285	44,704	48,871	56,095	92,791	92,209	76,364	113,343
Basilan	19	19	19	18	18	17	16	14	11	..
Lanao del Sur	26,080	35,280	49,400	38,779	43,762	46,240	86,761	86,580	74,365	105,070
Maguindanao	437	23,601	8,846	5,890	5,076	9,824	6,002	5,601	1,974	8,260
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	18	22	19	17	15	14	12	14	15	13

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tobacco										
Philippines	38,368	34,289	32,466	36,383	40,530	44,944	48,075	53,753	61,418	56,194
NCR										
CAR	840	925	912	929	941	926	949	964	1,257	1,484
Abra	787	871	903	922	935	920	943	957	1,250	1,478
Apayao	1	1	1	1	0	0	0	0	0	0
Benguet	46	47	2	..	..	..	..	..	..	..
Ifugao	1	1	1	2	1	1	1	1	2	2
Kalinga	5	5	5	5	5	5	5	5	4	4
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	30,154	25,028	23,590	24,341	27,325	30,171	32,538	37,111	40,073	39,398
Ilocos Norte	2,212	2,109	1,979	2,239	2,728	3,722	4,102	4,368	5,691	4,674
Ilocos Sur	11,431	13,553	11,600	11,912	13,833	15,905	17,527	21,571	23,270	23,804
La Union	7,590	5,899	5,603	5,506	5,464	5,107	5,487	5,591	5,701	5,887
Pangasinan	8,922	3,467	4,407	4,684	5,299	5,437	5,423	5,582	5,411	5,033
Cagayan Valley	3,855	7,048	6,328	9,239	10,502	12,277	12,960	12,889	15,968	11,627
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	648	2,488	2,226	2,258	2,188	2,955	2,761	3,194	3,401	2,631
Isabela	3,115	4,397	4,021	6,916	8,273	9,310	10,183	9,678	12,537	8,960
Nueva Vizcaya	82	115	46	20	15	12	16	17	30	36
Quirino	10	48	34	45	26	..	..	..	..	..
Central Luzon	163	142	25	202	195	168	29	33	30	10
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	163	142	25	202	195	168	29	33	30	10
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	2,317	200	553	578	563	622	597	1,540	2,702	1,501
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	2,308	192	550	575	560	620	595	1,538	2,700	1,500
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	9	8	3	3	3	2	2	2	2	1
Bicol Region	10	11	9	7	3	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	10	11	9	7	3	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	253	278	279	310	323	298	305	163	275	266
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	8	15	9	8	7	7	7	7	8	8
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	2	..	..	..	..	..	..	..	..	..
Iloilo	225	246	253	286	301	274	280	137	250	243
Negros Occidental	19	18	17	16	15	17	18	18	18	16
Central Visayas	61	23	19	18	16	11	9	10	10	9
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	44	11	7	7	4	3	2	1	1	1
Negros Oriental	17	12	12	11	12	8	7	8	9	9
Siquijor	0	0	..	..	..	..	..	..	..	..
Eastern Visayas	27	26	23	22	20	19	18	13	8	6
Biliran	3	2	2	2	2	2	2	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	21	20	18	17	16	15	14	9	5	4
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	1	2	2	1	1	1	1	1	1	1
Samar (Western Samar)	2	2	2	1	1	1	1	1	0	0
Zamboanga Peninsula	19	23	21	22	21	16	15	16	27	26
Zamboanga del Norte	2	2	2	2	2	2	2	2	2	2
Zamboanga del Sur	10	11	10	9	9	8	7	8	9	9
Zamboanga Sibugay	6	10	10	10	10	5	5	6	16	15
Zamboanga City	1	0	0	0	0	0	0	1	1	1
Northern Mindanao	442	375	528	560	481	311	547	936	1,005	1,813
Bukidnon	..	..	..	..	..	..	..	..	..	23
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	442	375	528	560	481	311	547	936	1,005	1,790
Davao Region	25	25	24	23	22	20	19	17	17	16
Davao del Norte	5	5	5	5	5	5	5	5	5	6
Davao del Sur	9	10	9	9	7	6	6	6	6	6
Davao Oriental	5	5	5	5	5	5	4	4	4	4
Compostela Valley	4	3	3	3	3	3	3	1	1	1
Davao City	2	2	2	2	1	1	1	1	1	0
SOCCSKSARGEN	70	70	60	57	54	50	46	37	30	29
North Cotabato	39	39	34	33	31	31	28	20	15	14
Sarangani	13	13	13	14	12	9	8	7	6	6
South Cotabato	7	8	8	8	8	8	8	7	7	7
Sultan Kudarat	12	9	4	3	3	2	2	2	2	2
Caraga	19	14	9	6	4	2	2	1	1	1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	7	3	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	4	4	3	1	..	..	..	..	..	..
Surigao del Sur	8	7	6	5	4	2	2	1	1	1
ARMM	113	100	85	70	61	54	41	24	15	5
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	113	100	85	70	61	54	41	24	15	5
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tobacco Native										
Philippines	6,715	8,158	10,047	10,416	10,765	11,546	10,525	10,806	10,169	8,178
NCR										
CAR	6	6	6	6	5	5	17	10	14	15
Abra	..	..	..	..	..	..	13	5	9	10
Apayao	1	1	1	1	0	0	0	0	0	0
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	5	5	5	5	5	5	5	5	4	4
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	3,492	3,082	5,294	4,164	4,164	4,055	4,236	4,076	4,127	4,204
Ilocos Norte	283	283	286	290	294	155	112	86	24	19
Ilocos Sur	420	640	2,732	1,477	1,368	1,347	1,463	1,301	1,442	1,468
La Union	1,704	1,569	1,464	1,546	1,608	1,632	1,776	1,795	1,816	1,879
Pangasinan	1,085	591	812	851	894	921	884	894	844	839
Cagayan Valley	2,173	4,118	3,688	5,150	5,590	6,704	5,270	5,519	4,828	2,919
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	578	1,864	1,659	1,433	1,315	1,950	1,787	2,067	2,187	1,637
Isabela	1,593	2,255	2,029	3,718	4,275	4,754	3,483	3,452	2,641	1,281
Nueva Vizcaya	2	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	9	8	3	3	3	2	2	2	2	1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	9	8	3	3	3	2	2	2	2	1
Bicol Region	10	11	9	7	3	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	10	11	9	7	3	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	253	278	279	310	323	298	305	163	275	266
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	8	15	9	8	7	7	7	7	8	8
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	2	..	..	..	..	..	..	..	..	..
Iloilo	225	246	253	286	301	274	280	137	250	243
Negros Occidental	19	18	17	16	15	17	18	18	18	16
Central Visayas	58	21	18	17	14	10	9	9	10	9
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	44	11	7	7	4	3	2	1	1	1
Negros Oriental	13	10	10	10	10	7	6	8	9	8
Siquijor	0	0	..	..	..	..	..	..	..	..
Eastern Visayas	27	26	23	22	20	19	18	13	8	6
Biliran	3	2	2	2	2	2	2	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	21	20	18	17	16	15	14	9	5	4
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	1	2	2	1	1	1	1	1	1	1
Samar (Western Samar)	2	2	2	1	1	1	1	1	0	0
Zamboanga Peninsula	19	23	21	22	21	16	15	16	27	26
Zamboanga del Norte	2	2	2	2	2	2	2	2	2	2
Zamboanga del Sur	10	11	10	9	9	8	7	8	9	9
Zamboanga Sibugay	6	10	10	10	10	5	5	6	16	15
Zamboanga City	1	0	0	0	0	0	0	1	1	1
Northern Mindanao	442	375	528	560	481	311	546	919	815	680
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	442	375	528	560	481	311	546	919	815	680
Davao Region	25	25	24	23	22	20	19	17	17	16
Davao del Norte	5	5	5	5	5	5	5	5	5	6
Davao del Sur	9	10	9	9	7	6	6	6	6	6
Davao Oriental	5	5	5	5	5	5	4	4	4	4
Compostela Valley	4	3	3	3	3	3	3	1	1	1
Davao City	2	2	2	2	1	1	1	1	1	0
SOCCSKSARGEN	70	70	60	57	54	50	46	37	30	29
North Cotabato	39	39	34	33	31	31	28	20	15	14
Sarangani	13	13	13	14	12	9	8	7	6	6
South Cotabato	7	8	8	8	8	8	8	7	7	7
Sultan Kudarat	12	9	4	3	3	2	2	2	2	2
Caraga	19	14	9	6	4	2	2	1	1	1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	7	3	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	4	4	3	1	..	..	..	..	..	..
Surigao del Sur	8	7	6	5	4	2	2	1	1	1
ARMM	113	100	85	70	61	54	41	24	15	5
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	113	100	85	70	61	54	41	24	15	5
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tobacco Virginia										
Philippines	19,407	19,737	15,125	16,578	18,839	21,447	23,644	28,245	31,321	32,148
NCR										
CAR	833	919	905	922	935	920	930	944	1,226	1,452
Abra	787	871	903	922	935	920	930	944	1,226	1,452
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	46	47	2	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	18,570	18,816	14,218	15,655	17,903	20,526	22,694	27,267	29,889	29,563
Ilocos Norte	1,886	1,783	1,606	1,760	2,120	3,134	3,496	3,785	4,909	4,001
Ilocos Sur	11,011	12,913	8,666	10,197	12,209	14,226	16,058	20,269	21,735	22,245
La Union	5,673	4,120	3,946	3,697	3,573	3,166	3,140	3,213	3,245	3,316
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	19	17	16	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	19	17	16	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	3	2	2	1	2	1	1	0	0	0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	3	2	2	1	2	1	1	0	0	0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	1	17	190	1,133
Bukidnon	..	..	..	..	..	..	..	..	..	23
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	1	17	190	1,110
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Chrysanthemum										
Philippines	2,350	2,286	2,365	2,542	2,497	2,567	2,606	2,561	2,620	2,467
NCR										
CAR	1,075	1,183	1,269	1,327	1,361	1,358	1,401	1,420	1,364	1,323
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,075	1,183	1,269	1,327	1,361	1,358	1,401	1,420	1,364	1,321
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	2
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1	1	1	1	1	1	0	0	0	0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1	1	1	1	1	1	0	0	0	0
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	20	20	28	31	31	28	23	18	17	15
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	20	20	28	31	31	28	23	18	17	15
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	25	19	32	49	46	43	42	41	38	25
Batangas	2	1	2	2	1	1	0	0	0	0
Cavite	..	..	..	19	19	19	20	20	19	21
Laguna	..	..	17	15	14	13	12	12	11	..
Quezon	23	17	14	13	12	11	10	9	8	4
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	69	68	70	71	70	67	62	57	48	48
Albay	59	60	62	63	62	59	54	48	40	40
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	10	8	8	8	8	8	8	8	8	8
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	11	11	10	11	11	13	13	12	12	16
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	9	8	7	8	9	10	10	10	9	9
Guimaras	..	..	..	..	..	..	..	..	0	0
Iloilo	..	..	..	..	..	..	..	..	..	4
Negros Occidental	3	3	3	3	3	3	3	3	3	3
Central Visayas	690	580	553	658	592	678	692	685	815	726
Bohol	2	2	2	1	1	1	1	1	1	1
Cebu	688	578	551	656	590	676	691	684	815	725
Negros Oriental	0	0	1	1	0	0	0	0	0	0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	7	8	8	9	10	11	11	10	8	8
Biliran	2	2	2	3	3	3	3	3	3	3
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	2	2	2	3	3	3	3	2	1	1
Northern Samar	1	1	1	1	1	1	1	1	1	1
Southern Leyte	2	2	2	2	2	3	3	2	2	2
Samar (Western Samar)	1	1	1	1	1	1	1	1	0	0
Zamboanga Peninsula	28	30	28	31	31	32	32	33	33	35
Zamboanga del Norte	2	2	2	2	3	3	4	4	5	6
Zamboanga del Sur	1	1	3	3	3	3	3	3	3	3
Zamboanga Sibugay	..	..	..	..	0	0	0	0	1	1
Zamboanga City	25	27	24	26	25	26	25	26	25	25
Northern Mindanao	28	29	34	41	50	55	57	63	70	66
Bukidnon	5	5	6	7	6	7	8	8	8	9
Camiguin	..	..	..	0	0	0	0	0	0	0
Lanao del Norte	18	19	21	22	27	28	29	30	30	30
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	5	5	7	13	17	20	20	25	31	27
Davao Region	354	293	284	265	246	231	216	167	158	154
Davao del Norte	154	135	126	121	107	98	91	86	79	76
Davao del Sur	4	4	4	4	4	4	4	4	4	5
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	172	131	129	119	114	109	101	57	54	53
Davao City	24	24	25	21	21	20	20	20	20	21
SOCCSKSARGEN	40	40	39	41	40	45	50	50	51	49
North Cotabato	20	18	17	17	17	18	21	22	23	22
Sarangani	1	3	3	3	3	3	3	3	3	3
South Cotabato	17	17	18	20	20	24	25	25	25	24
Sultan Kudarat	2	1	1	1	1	0	0	0	0	0
Caraga	1	3	3	3	3	3	3	3	3	3
Agusan del Norte	1	1	1	1	1	1	1	1	1	1
Agusan del Sur	..	2	2	2	2	2	2	2	2	2
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	0
ARMM	2	2	5	5	4	3	2	2	1	0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2	2	5	5	4	3	2	2	1	0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gladiola										
Philippines	1,623	1,366	1,268	1,231	1,181	1,114	1,066	1,014	787	668
NCR										
CAR	1,382	1,147	1,064	1,012	972	894	833	740	516	406
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,382	1,147	1,064	1,012	972	894	833	740	516	406
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0	0	0	0	0	0	..	..	..	..
Ilocos Norte	0	0	0	0	0	0	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	25	26	30	30	27	25	23	22	20	16
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	6	6	6	6	5	5	5	5	6	5
Nueva Vizcaya	20	20	25	24	21	20	18	16	14	10
Quirino	0	0	0	0	0	0	0	0	0	0
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	85	68	57	53	49	45	51	46	40	41
Batangas	0	0	0	0	0	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	85	68	57	53	49	45	51	46	40	41
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	6	6	6	6	6	6	6	5	4	4
Albay	5	4	5	5	5	5	4	4	3	3
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	1	1	1	1	1	1	1	1	1	1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	2	3	3	4	4	4	5	5	4	4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	2	3	3	4	4	4	5	5	4	4
Guimaras	..	..	..	..	..	..	..	..	0	0
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	17	14	14	22	24	36	46	96	103	98
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	15	13	12	20	23	33	44	93	100	96
Negros Oriental	2	1	1	1	1	2	3	3	3	2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	1	1	1	1	1	2	2	2	1	1
Biliran	0	0	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	0	0	0	0	0	0	0	0	0	0
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	0	0	0	0	0
Samar (Western Samar)	..	..	0	0	0	0	0	0	0	0
Zamboanga Peninsula	1	1	1	1	1	1	1	1	1	1
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	1	1	1	1	1	1	1	1	1	1
Northern Mindanao	19	22	16	31	30	38	38	38	39	38
Bukidnon	6	7	8	11	10	13	14	15	17	16
Camiguin	..	..	..	0	0	0	0	0	0	0
Lanao del Norte	13	16	7	15	16	17	17	17	17	16
Misamis Occidental	..	..	1	1	2	3	4	4	4	4
Misamis Oriental	..	..	..	4	2	5	4	3	1	1
Davao Region	80	76	73	70	65	62	59	58	57	57
Davao del Norte	49	45	42	40	37	34	33	31	30	29
Davao del Sur	2	3	3	3	3	3	3	3	3	3
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	28	28	29	27	26	25	24	24	24	24
SOCCSKSARGEN	4	2	2	2	1	1	1	1	1	1
North Cotabato	4	2	2	2	1	1	1	1	1	1
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	0	0	0	0	0	0	0	0	1	1
Agusan del Norte	0	0	0	0	0	0	0	0	1	1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	1	..	..	..	..	..	..	..	..	..
Basilan	1	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Orchids										
Philippines	2,367	2,290	2,772	1,821	1,698	1,557	1,397	1,313	1,185	1,157
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	165	174	175	176	154	153	125	109	71	66
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	141	149	144	140	118	118	90	76	39	36
Pangasinan	23	25	30	36	36	35	35	33	32	31
Cagayan Valley	30	43	79	79	73	72	69	67	66	64
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	3	4	3	3	3	3	3	3	3	3
Isabela	18	27	37	37	35	37	37	38	42	43
Nueva Vizcaya	8	12	38	39	35	32	29	25	21	17
Quirino	0	0	0	0	0	0	0	0	0	..
Central Luzon	41	44	49	59	64	66	66	66	67	69
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	2	2	2	3	3	3	2	1	1	1
Bulacan	38	42	42	50	55	57	58	57	58	59
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	1	1	5	6	6	7	7	8	9	9
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	59	63	116	121	117	110	103	98	92	83
Batangas	14	17	31	31	28	21	13	7	3	2
Cavite	22	21	11	19	20	20	22	22	22	23
Laguna	18	19	68	65	65	64	65	64	63	53
Quezon	3	2	2	2	2	2	1	1	1	2
Rizal	2	3	4	4	3	3	3	3	3	3
MIMAROPA	31	32	33	34	36	38	39	42	45	48
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	31	32	33	34	36	38	39	42	45	48
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	520	487	482	499	492	470	382	355	300	302
Albay	516	484	476	494	486	465	377	350	295	297
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	4	3	3	3	3	3	3	4	4	4
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	2	2	2	1	1	2	2	2
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	380	375	386	399	305	214	179	147	121	109
Aklan	1	1	2	2	3	3	2	2	2	2
Antique	4	4	5	7	7	7	7	7	6	6
Capiz	27	30	30	31	31	33	34	32	31	31
Guimaras	3	4	6	6	5	6	5	5	4	1
Iloilo	339	330	338	348	252	160	125	95	71	61
Negros Occidental	5	5	5	6	6	6	7	6	7	7
Central Visayas	26	18	17	19	18	19	19	18	21	21
Bohol	4	4	3	3	3	3	2	2	3	3
Cebu	7	6	5	7	7	8	9	8	10	10
Negros Oriental	7	7	6	7	7	6	6	5	6	6
Siquijor	7	2	2	2	2	2	2	2	2	2
Eastern Visayas	25	36	38	41	42	43	43	36	29	26
Biliran	3	3	4	5	6	6	6	6	6	6
Eastern Samar	2	3	5	5	5	5	5	4	3	3
Leyte	0	0	1	1	1	1	1	1	0	0
Northern Samar	1	1	2	3	3	3	3	3	3	2
Southern Leyte	0	1	1	1	1	1	1	1	2	2
Samar (Western Samar)	18	27	26	27	27	27	27	21	15	13
Zamboanga Peninsula	19	21	22	25	28	35	37	41	46	47
Zamboanga del Norte	6	6	6	8	10	14	17	20	24	26
Zamboanga del Sur	6	7	8	8	9	9	9	10	10	10
Zamboanga Sibugay	1	1	1	1	1	1	2	2	3	3
Zamboanga City	6	7	7	8	8	10	9	9	10	9
Northern Mindanao	57	58	70	71	82	88	94	97	96	97
Bukidnon	10	11	12	13	13	13	14	14	14	14
Camiguin	16	15	21	18	20	20	20	20	18	16
Lanao del Norte	23	24	28	29	35	37	37	38	38	41
Misamis Occidental	3	3	4	5	6	8	10	11	12	13
Misamis Oriental	5	5	6	6	8	10	14	15	14	14
Davao Region	949	870	1,210	211	211	183	178	177	175	175
Davao del Norte	21	25	27	29	30	31	31	31	31	30
Davao del Sur	93	96	96	97	97	77	76	77	77	78
Davao Oriental	11	11	11	9	9	8	8	7	7	6
Compostela Valley	6	6	6	6	6	6	5	4	3	3
Davao City	817	731	1,069	70	69	61	57	59	58	58
SOCCSKSARGEN	34	34	36	37	35	36	38	39	40	39
North Cotabato	9	9	10	11	10	12	13	14	14	14
Sarangani	14	14	14	14	13	13	13	13	13	13
South Cotabato	9	9	9	10	9	10	10	10	11	11
Sultan Kudarat	2	2	2	3	2	2	2	1	1	1
Caraga	15	18	24	15	15	14	10	11	11	10
Agusan del Norte	2	2	3	3	3	3	3	3	3	4
Agusan del Sur	..	3	2	2	2	1	2	3	3	2
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	11	11	16	8	9	8	4	4	3	3
Surigao del Sur	2	2	2	2	2	2	1	1	1	1
ARMM	18	18	36	34	25	18	14	11	4	1
Basilan	3	3	2	2	2	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	15	15	33	32	23	18	14	11	4	1
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Roses										
Philippines	2,135	2,271	2,378	2,355	2,328	2,337	2,393	2,438	2,443	2,336
NCR										
CAR	1,304	1,406	1,434	1,400	1,405	1,407	1,447	1,476	1,467	1,379
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,304	1,406	1,434	1,400	1,405	1,407	1,447	1,476	1,467	1,379
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	17	19	18	19	19	19	20	19	14	12
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	17	19	18	19	19	19	20	19	14	12
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	11	12	58	62	55	52	44	42	39	40
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1	2	2	2	2	2	2	3	3	3
Isabela	2	2	3	3	3	3	3	3	4	5
Nueva Vizcaya	8	9	53	57	50	46	39	37	32	32
Quirino	0	0	0	0	0	0	0	0	0	0
Central Luzon	18	19	26	31	34	35	36	37	38	38
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	16	17	18	22	26	26	27	27	28	28
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	2	2	8	9	8	8	9	10	10	10
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	28	25	52	51	50	47	45	42	38	26
Batangas	9	9	9	9	7	5	3	2	1	1
Cavite	1	2	1	2	2	2	3	3	3	3
Laguna	1	1	31	30	30	30	29	30	28	22
Quezon	16	13	11	11	10	10	10	8	5	1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1	1	2	3	3	5	5	6	7	8
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	0	0	1	1	1	2	2	2	2	2
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	1	1	1	1	2	3	4	4	5	6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	25	26	10	11	10	11	12	12	11	11
Albay	2	1	1	2	2	3	3	3	3	3
Camarines Norte	19	21	2	3	2	2	2	2	2	3
Camarines Sur	5	5	5	5	5	5	5	5	5	5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	2	2	2	1	1	1	1	1
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	82	77	73	55	48	46	43	35	32	30
Aklan	0	0	0	0	1	1	1	1	1	1
Antique	1	1	1	1	1	1	1	1	1	1
Capiz	11	11	12	13	14	14	14	14	14	15
Guimaras	3	3	3	2	1	1	1	1	1	1
Iloilo	66	61	55	37	30	27	24	17	14	11
Negros Occidental	2	2	1	2	1	2	2	2	2	2
Central Visayas	228	225	211	232	212	216	223	237	260	258
Bohol	3	3	3	4	4	4	4	4	5	5
Cebu	218	215	204	225	204	207	214	228	250	248
Negros Oriental	6	6	3	3	3	4	4	3	4	4
Siquijor	2	1	1	1	1	1	1	1	1	1
Eastern Visayas	41	44	44	45	45	46	35	29	27	22
Biliran	0	0	0	1	1	1	1	1	1	1
Eastern Samar	0	0	2	2	2	2	2	2	1	0
Leyte	0	0	0	1	1	1	1	1	0	0
Northern Samar	1	1	2	2	2	3	3	3	3	3
Southern Leyte	3	4	2	2	2	3	3	3	3	3
Samar (Western Samar)	37	38	37	38	37	37	25	20	19	15
Zamboanga Peninsula	35	38	37	41	42	41	41	44	47	46
Zamboanga del Norte	2	2	2	3	4	4	5	5	6	6
Zamboanga del Sur	15	17	18	19	19	19	18	19	19	20
Zamboanga Sibugay	4	3	4	4	4	4	6	7	9	8
Zamboanga City	15	15	14	15	16	14	12	13	13	13
Northern Mindanao	126	161	184	191	200	212	255	283	286	281
Bukidnon	68	75	90	93	95	98	106	107	112	113
Camiguin	..	..	1	1	1	1	1	1	1	1
Lanao del Norte	47	59	63	62	67	70	72	75	76	76
Misamis Occidental	..	..	..	..	..	..	0	0	0	0
Misamis Oriental	11	27	31	35	37	43	76	99	96	91
Davao Region	121	123	126	113	109	108	103	94	96	103
Davao del Norte	12	14	15	17	17	18	18	18	18	18
Davao del Sur	5	5	4	4	5	5	5	5	6	6
Davao Oriental	..	..	..	0	0	0	0	0	0	0
Compostela Valley	40	40	39	36	34	30	26	17	15	15
Davao City	64	64	67	55	53	55	53	53	56	63
SOCCSKSARGEN	65	65	66	66	65	66	65	66	68	67
North Cotabato	9	9	9	7	7	8	8	9	9	10
Sarangani	17	16	16	15	14	14	14	13	13	13
South Cotabato	38	39	40	43	43	43	42	43	45	44
Sultan Kudarat	2	1	1	1	1	1	1	1	1	1
Caraga	30	28	32	30	25	22	15	13	13	12
Agusan del Norte	5	6	6	6	6	6	6	6	6	6
Agusan del Sur	3	1	1	1	1	0	0	0	0	0
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	12	13	16	15	11	8	2	1	1	1
Surigao del Sur	9	9	9	9	8	7	6	6	6	5
ARMM	2	2	5	6	5	4	4	3	3	1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2	2	5	6	5	4	4	3	3	1
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Banana										
Philippines	6,794,564	7,484,073	8,687,624	9,013,186	9,101,341	9,165,046	9,226,768	8,646,417	8,884,857	9,083,929
NCR										
CAR	25,054	26,786	26,700	26,981	25,669	25,083	25,100	27,195	26,254	26,576
Abra	7,720	7,731	7,711	7,731	7,782	7,617	7,685	7,616	7,054	7,409
Apayao	5,137	7,110	7,197	7,578	6,443	6,405	6,405	9,440	8,916	8,838
Benguet	2,276	2,268	2,268	2,271	2,194	2,094	2,011	2,040	2,065	1,973
Ifugao	6,772	6,681	6,689	6,758	6,700	6,554	6,510	5,424	5,445	5,502
Kalinga	1,090	1,209	1,195	1,210	1,175	1,193	1,201	1,288	1,246	1,270
Mountain Province	2,060	1,787	1,640	1,434	1,376	1,219	1,287	1,388	1,527	1,584
Ilocos Region	41,950	46,393	46,114	43,270	41,220	40,785	42,560	43,479	43,880	43,164
Ilocos Norte	8,725	9,077	9,042	9,115	9,098	9,304	9,676	9,931	10,089	10,143
Ilocos Sur	9,515	10,664	10,730	9,589	9,190	9,619	10,081	10,499	10,306	9,974
La Union	6,555	7,389	7,342	7,129	6,882	6,885	7,074	7,255	7,396	7,454
Pangasinan	17,155	19,263	18,999	17,437	16,049	14,977	15,728	15,795	16,089	15,594
Cagayan Valley	350,998	386,928	378,201	419,406	368,074	269,193	309,239	361,063	376,366	384,134
Batanes	..	..	..	..	..	..	770	668	433	277
Cagayan	83,626	84,902	75,705	73,710	59,323	52,033	63,826	79,816	71,892	77,034
Isabela	197,390	220,035	205,964	221,521	188,624	124,822	195,688	207,312	214,635	212,298
Nueva Vizcaya	23,638	29,814	30,208	32,166	30,418	28,489	26,251	24,808	24,459	23,679
Quirino	46,344	52,178	66,324	92,009	89,710	63,849	22,703	48,459	64,947	70,847
Central Luzon	50,821	51,634	54,796	54,714	58,216	57,420	57,584	58,917	58,783	58,439
Aurora	7,399	7,135	9,020	9,583	12,881	12,362	12,549	14,662	15,306	14,454
Bataan	1,224	1,423	1,450	1,450	1,433	1,322	1,230	1,166	1,171	1,315
Bulacan	16,307	16,834	18,363	17,615	18,124	18,253	18,526	18,476	18,975	20,232
Nueva Ecija	6,976	7,370	7,337	7,435	7,391	7,355	7,432	7,350	7,320	7,205
Pampanga	2,520	2,682	2,700	2,669	2,622	2,520	2,479	2,416	2,364	2,376
Tarlac	4,654	4,881	4,953	4,967	4,845	4,910	4,890	4,932	4,195	3,866
Zambales	11,742	11,308	10,974	10,996	10,920	10,698	10,478	9,915	9,452	8,991
CALABARZON	105,520	101,682	105,366	109,406	105,842	113,588	116,469	117,974	104,304	96,307
Batangas	27,825	33,311	33,101	33,847	33,452	33,938	34,424	33,775	32,016	33,153
Cavite	26,585	25,753	25,913	26,060	24,776	25,306	25,421	25,768	22,528	19,161
Laguna	15,961	14,006	15,697	17,321	16,350	18,746	19,509	20,086	15,867	12,318
Quezon	31,732	25,217	27,354	28,961	28,181	32,337	33,839	34,894	30,545	28,260
Rizal	3,418	3,394	3,301	3,217	3,083	3,261	3,276	3,450	3,347	3,415
MIMAROPA	185,542	188,588	196,096	204,745	210,383	223,794	199,268	158,671	155,263	168,299
Marinduque	1,390	348	587	806	824	843	841	805	731	705
Occidental Mindoro	2,732	2,840	3,018	3,236	3,224	3,399	3,564	3,623	3,522	3,683
Oriental Mindoro	160,826	163,729	168,049	174,492	178,418	189,752	162,947	120,243	115,381	126,582
Palawan	11,739	13,457	16,944	18,550	20,595	22,365	24,256	26,422	28,765	30,585
Romblon	8,856	8,214	7,498	7,661	7,322	7,434	7,659	7,580	6,863	6,744
Bicol Region	63,772	55,459	67,599	73,512	77,892	78,942	81,414	83,353	74,511	76,452
Albay	11,289	10,772	11,576	12,121	12,709	12,568	13,497	14,718	11,574	11,235
Camarines Norte	7,777	7,745	8,053	8,136	8,030	8,104	8,301	8,457	7,840	8,085
Camarines Sur	29,822	23,610	31,493	33,076	34,822	34,749	34,828	35,353	33,534	33,939
Catanduanes	1,465	1,125	1,212	1,228	1,319	1,290	1,284	1,321	1,291	1,339
Masbate	3,002	3,013	3,064	3,229	3,356	3,307	3,563	3,561	3,583	3,645
Sorsogon	10,416	9,195	12,202	15,722	17,655	18,925	19,942	19,942	16,690	18,209
Western Visayas	315,970	331,647	328,171	334,507	332,178	344,589	353,138	332,762	270,330	285,578
Aklan	55,579	54,037	52,279	51,842	52,170	52,865	52,497	51,267	28,173	28,855
Antique	14,525	20,494	18,533	20,500	17,870	20,334	20,831	16,591	15,927	17,733
Capiz	15,157	20,027	23,992	26,868	27,623	27,933	28,234	26,103	3,504	7,440
Guimaras	4,429	5,205	5,069	5,153	5,029	5,513	5,945	5,936	5,973	5,570
Iloilo	148,261	149,595	144,569	145,569	145,812	152,416	158,444	147,511	131,642	140,624
Negros Occidental	78,020	82,289	83,729	84,574	83,674	85,527	87,187	85,353	85,111	85,356
Central Visayas	163,291	157,153	169,643	187,533	182,323	199,545	202,512	190,700	194,069	198,838
Bohol	36,517	35,243	36,531	39,862	40,379	42,445	44,321	44,793	34,401	32,801
Cebu	55,098	51,154	49,827	53,990	52,880	61,784	63,516	61,822	67,586	78,379
Negros Oriental	55,150	53,739	65,763	75,833	71,696	77,492	77,241	73,207	76,690	72,618
Siquijor	16,525	17,017	17,522	17,848	17,368	17,824	17,434	10,877	15,392	15,039
Eastern Visayas	229,948	246,144	269,133	275,425	278,306	277,173	280,439	259,095	216,991	227,223
Biliran	15,583	15,314	16,001	16,150	16,225	16,235	16,244	13,919	10,970	11,020
Eastern Samar	4,677	4,832	5,430	5,543	5,578	5,415	5,708	5,413	4,494	3,104
Leyte	38,633	42,684	49,668	53,556	52,252	51,392	51,456	46,359	20,859	23,603
Northern Samar	10,679	12,908	15,589	16,460	19,313	19,870	20,646	22,002	22,734	22,542
Southern Leyte	107,784	110,531	114,509	114,596	116,277	116,123	116,237	103,487	94,127	103,705
Samar (Western Samar)	52,593	59,875	67,935	69,121	68,660	68,137	70,148	67,915	63,806	63,249
Zamboanga Peninsula	237,693	247,271	253,667	261,081	263,643	238,309	240,487	259,188	274,127	281,856
Zamboanga del Norte	113,078	117,163	120,997	128,721	128,581	101,173	92,678	90,975	92,684	103,369
Zamboanga del Sur	43,642	45,301	46,546	45,671	48,333	49,524	59,090	76,094	86,073	86,012
Zamboanga Sibugay	25,956	26,340	26,423	26,071	25,159	25,403	25,467	26,068	26,246	24,619
Zamboanga City	55,017	58,466	59,702	60,618	61,571	62,210	63,252	66,051	69,125	67,856
Northern Mindanao	662,189	933,114	1,631,304	1,657,686	1,702,392	1,725,775	1,718,787	1,735,977	1,781,045	1,832,173
Bukidnon	223,338	466,857	1,133,255	1,152,583	1,173,881	1,170,569	1,156,380	1,171,501	1,199,550	1,251,453
Camiguin	4,979	5,114	6,438	6,195	6,069	6,168	5,855	5,458	5,442	5,331
Lanao del Norte	279,304	286,033	291,899	294,278	301,824	295,938	281,886	279,692	281,360	281,700
Misamis Occidental	27,399	34,347	40,540	49,832	56,234	62,609	65,038	68,983	74,724	78,190
Misamis Oriental	127,170	140,762	159,171	154,798	164,385	190,491	209,628	210,343	219,969	215,498
Davao Region	2,945,845	3,180,331	3,569,079	3,749,766	3,804,460	3,854,845	3,785,422	3,164,641	3,368,176	3,455,014
Davao del Norte	1,009,849	1,138,089	1,350,151	1,473,703	1,540,536	1,575,009	1,537,831	1,549,552	1,591,008	1,605,355
Davao del Sur	538,571	559,849	564,374	581,346	577,255	580,244	580,031	582,532	593,672	610,906
Davao Oriental	118,321	117,255	112,697	133,916	139,816	152,479	159,284	149,969	159,674	159,899
Compostela Valley	1,087,356	1,159,805	1,324,618	1,337,204	1,319,202	1,314,761	1,270,595	641,652	777,985	825,014
Davao City	191,749	205,333	217,239	223,597	227,652	232,352	237,681	240,935	245,838	253,841
SOCCSKSARGEN	830,822	935,565	998,635	1,024,009	1,043,811	1,094,956	1,155,348	1,185,492	1,203,369	1,159,091
North Cotabato	527,601	579,274	608,397	613,693	604,126	629,151	644,786	661,101	664,231	630,015
Sarangani	91,463	110,629	115,661	132,249	155,133	179,191	219,068	218,874	214,184	202,616
South Cotabato	185,252	217,247	243,474	246,416	254,184	257,893	261,973	273,047	277,207	277,057
Sultan Kudarat	26,506	28,414	31,103	31,651	30,369	28,722	29,521	32,471	47,748	49,404
Caraga	213,155	222,703	219,636	209,399	210,393	204,140	218,805	208,303	243,792	259,738
Agusan del Norte	98,599	103,968	103,284	94,430	89,470	80,955	73,975	64,261	58,699	62,239
Agusan del Sur	57,106	60,183	57,732	57,115	61,598	62,226	67,494	57,271	65,803	68,094
Dinagat Islands	..	..	..	..	..	..	..	411	256	229
Surigao del Norte	9,062	9,349	9,308	9,041	9,467	8,486	6,590	7,356	6,569	6,410
Surigao del Sur	48,388	49,204	49,311	48,813	49,858	52,474	70,746	79,004	112,466	122,766
ARMM	371,994	372,676	373,486	381,745	396,539	416,910	440,198	459,606	493,598	531,048
Basilan	20,632	23,030	23,747	24,336	24,215	24,665	23,789	22,966	23,524	22,783
Lanao del Sur	108,412	108,219	107,689	107,766	107,998	106,669	105,857	105,294	108,777	109,907
Maguindanao	215,972	213,650	213,603	220,670	236,170	258,563	283,941	306,055	336,244	373,763
Sulu	17,640	18,419	19,167	19,665	19,151	17,970	17,814	16,848	16,735	16,610
Tawi-tawi	9,338	9,358	9,280	9,308	9,005	9,043	8,798	8,443	8,318	7,985

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Banana Cavendish										
Philippines	2,810,985	3,323,072	4,328,989	4,497,722	4,600,617	4,685,997	4,694,655	4,230,089	4,448,460	4,566,907
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	305	281	311	300	237	254	256
Batanes	..	..	..	..	..	..	16	15	10	1
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	305	281	311	284	222	244	255
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	149	107	805	909	942	319	936
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	6	8	8	5
Laguna	..	..	..	149	107	805	903	933	310	931
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1,583	1,591	1,568	1,558	1,552	1,589	1,648	1,488	1,288	1,318
Aklan	46	39	30	30	33	36	41	39	22	25
Antique	12	16	15	16	14	16	18	17	17	19
Capiz	..	..	..	..	..	..	..	..	1	5
Guimaras	2	6	5	6	5	6	6	6	6	5
Iloilo	1,523	1,530	1,518	1,507	1,500	1,531	1,583	1,426	1,242	1,264
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	118	128	279	824	823	887	897	1,293	2,306	2,735
Bohol	..	..	130	667	673	713	728	868	773	741
Cebu	16	14	11	14	12	16	17	274	1,375	1,839
Negros Oriental	103	114	138	143	138	158	152	151	158	154
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	55	190	192	189	193	151	70	80
Biliran	..	..	..	..	7	7	7	6	5	6
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	55	190	186	182	186	146	65	74
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	200	194	197	187	169	157	146	600	319	200
Zamboanga del Norte	..	..	..	..	..	..	..	424	127	23
Zamboanga del Sur	133	131	139	135	125	121	114	146	152	144
Zamboanga Sibugay	67	64	58	53	45	36	32	29	40	33
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	172,013	412,713	1,076,751	1,095,816	1,117,121	1,115,622	1,102,389	1,120,311	1,148,625	1,200,593
Bukidnon	171,300	412,000	1,076,000	1,095,050	1,116,100	1,111,621	1,097,485	1,112,616	1,140,000	1,190,665
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	682	685	728	747	741	730	782	806	833	843
Misamis Oriental	31	28	23	19	280	3,271	4,122	6,889	7,793	9,085
Davao Region	2,231,413	2,439,988	2,746,338	2,877,651	2,927,247	2,961,989	2,902,974	2,392,320	2,537,740	2,604,719
Davao del Norte	958,976	1,081,449	1,287,406	1,412,726	1,478,693	1,511,034	1,472,762	1,484,529	1,523,103	1,536,253
Davao del Sur	154,719	167,496	169,497	175,765	173,859	175,293	176,817	177,889	181,401	189,305
Davao Oriental	..	..	50	40	716	2,077	3,045	2,927	3,279	3,219
Compostela Valley	979,400	1,039,457	1,125,213	1,119,617	1,100,151	1,096,798	1,068,406	541,808	641,376	680,453
Davao City	138,318	151,586	164,172	169,504	173,828	176,786	181,944	185,166	188,581	195,489
SOCCSKSARGEN	294,292	358,441	392,886	405,861	432,474	464,688	505,827	520,618	522,133	484,748
North Cotabato	164,573	193,710	210,726	208,581	200,951	212,204	214,930	221,081	216,400	184,622
Sarangani	41,726	58,084	63,622	78,342	102,504	120,460	151,792	146,653	139,205	128,955
South Cotabato	87,748	106,572	118,486	118,896	128,980	131,997	139,106	151,652	157,728	159,831
Sultan Kudarat	245	75	51	43	39	27	..	1,232	8,800	11,340
Caraga	12,786	13,768	14,527	14,674	14,739	20,486	40,886	45,253	76,935	94,905
Agusan del Norte	11,900	12,884	13,697	13,388	12,185	10,435	10,014	6,436	4,992	11,050
Agusan del Sur	141	120	63	43	29	18	13	7	6	5
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	724	742	746	723	491	346	234	145	100	80
Surigao del Sur	22	21	20	519	2,035	9,687	30,625	38,665	71,837	83,770
ARMM	98,579	96,249	96,388	100,508	105,912	119,274	138,487	146,876	158,472	176,418
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	89	89	88	88	88	88	103	113	620	633
Maguindanao	98,490	96,160	96,300	100,420	105,824	119,186	138,384	146,763	157,852	175,785
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Banana Lakatan										
Philippines	836,016	875,271	890,702	916,932	921,602	926,719	942,938	930,032	954,856	970,496
NCR										
CAR	4,103	4,846	4,804	4,930	4,318	4,231	4,146	4,829	4,604	4,458
Abra	283	270	261	254	256	255	257	269	271	282
Apayao	1,840	2,597	2,611	2,780	2,233	2,191	2,216	3,174	2,969	2,928
Benguet	467	435	414	402	384	378	358	356	348	298
Ifugao	1,178	1,160	1,149	1,133	1,106	1,069	1,022	760	771	730
Kalinga	279	335	331	333	322	328	283	263	241	219
Mountain Province	57	49	38	27	17	11	10	9	4	1
Ilocos Region	1,160	1,135	1,095	1,005	931	932	950	944	908	854
Ilocos Norte	84	92	94	95	95	99	108	111	113	113
Ilocos Sur	127	122	116	103	98	107	117	125	120	116
La Union	458	444	427	405	381	370	354	346	337	320
Pangasinan	490	477	458	403	357	356	371	362	339	305
Cagayan Valley	40,151	42,805	41,798	45,746	39,773	29,305	35,352	40,680	38,786	36,884
Batanes	..	..	..	..	..	..	45	38	26	14
Cagayan	12,135	12,245	10,952	10,392	8,369	7,425	9,014	10,726	9,199	8,863
Isabela	20,884	21,631	20,383	22,121	18,691	12,567	20,549	21,715	19,851	17,547
Nueva Vizcaya	2,460	3,217	3,432	3,949	3,677	3,240	3,014	2,887	2,825	2,733
Quirino	4,673	5,712	7,032	9,285	9,037	6,072	2,730	5,315	6,885	7,727
Central Luzon	11,168	11,635	12,829	12,854	13,200	13,140	13,243	13,169	13,443	13,974
Aurora	780	743	896	1,105	1,251	1,227	1,267	1,328	1,551	1,472
Bataan	79	121	145	144	145	133	122	116	134	195
Bulacan	6,548	6,917	8,018	7,807	8,037	8,085	8,203	8,192	8,350	8,986
Nueva Ecija	1,105	1,141	1,108	1,127	1,117	1,114	1,130	1,116	1,115	1,106
Pampanga	781	864	868	861	850	817	794	773	753	755
Tarlac	296	307	314	316	310	315	314	318	269	262
Zambales	1,580	1,542	1,480	1,494	1,490	1,450	1,412	1,326	1,271	1,198
CALABARZON	8,728	8,072	8,237	8,359	8,060	8,144	8,260	8,472	7,455	6,335
Batangas	289	254	277	310	301	283	246	260	249	211
Cavite	4,166	4,138	4,182	4,213	4,123	4,183	4,212	4,285	3,633	3,119
Laguna	1,884	1,898	1,947	2,045	1,937	2,014	2,051	2,095	1,833	1,321
Quezon	2,042	1,436	1,498	1,463	1,385	1,342	1,424	1,469	1,384	1,327
Rizal	347	346	333	327	315	322	326	362	355	357
MIMAROPA	34,150	35,021	36,396	38,228	39,954	42,266	37,151	29,176	28,565	31,118
Marinduque	168	27	47	74	79	81	81	79	72	71
Occidental Mindoro	262	273	295	313	308	323	337	342	330	342
Oriental Mindoro	32,292	32,826	33,830	35,463	36,990	39,102	33,714	25,306	24,490	26,839
Palawan	1,082	1,577	1,932	2,074	2,287	2,460	2,708	3,146	3,398	3,590
Romblon	345	319	292	304	291	300	311	304	276	276
Bicol Region	2,935	2,632	3,362	3,554	3,720	3,727	3,812	3,927	3,644	3,672
Albay	266	253	265	275	287	283	294	311	268	248
Camarines Norte	362	343	347	344	330	340	351	362	314	329
Camarines Sur	1,855	1,612	2,247	2,349	2,463	2,446	2,460	2,507	2,403	2,406
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	158	172	176	181	184	182	193	192	193	194
Sorsogon	293	251	327	406	456	476	514	555	467	495
Western Visayas	19,270	19,675	19,024	19,212	19,245	19,757	20,156	19,696	17,244	18,488
Aklan	837	823	669	657	672	682	546	544	257	274
Antique	221	324	303	338	291	316	322	315	309	364
Capiz	83	97	120	141	151	183	220	198	75	103
Guimaras	47	67	68	73	62	64	75	82	82	79
Iloilo	14,775	14,917	14,388	14,472	14,575	14,952	15,348	14,892	12,963	13,998
Negros Occidental	3,308	3,447	3,477	3,530	3,495	3,561	3,644	3,665	3,558	3,670
Central Visayas	12,290	11,189	12,515	14,690	14,310	16,556	16,527	17,511	17,870	18,777
Bohol	2,194	2,110	2,221	2,980	3,167	3,508	3,613	4,728	4,283	4,135
Cebu	5,458	4,886	4,735	5,309	5,260	6,476	6,594	6,741	7,261	8,763
Negros Oriental	4,572	4,124	5,462	6,292	5,776	6,451	6,199	5,940	6,196	5,753
Siquijor	66	69	97	109	106	122	121	102	131	126
Eastern Visayas	12,763	14,385	15,495	15,795	16,249	16,124	16,222	14,622	12,595	12,592
Biliran	1,101	1,214	1,335	1,280	1,268	1,268	1,270	1,134	896	891
Eastern Samar	947	952	1,049	1,063	1,071	1,037	1,073	1,026	896	457
Leyte	1,666	1,808	2,062	2,225	2,164	2,129	2,147	1,981	778	865
Northern Samar	2,247	3,119	3,510	3,669	4,178	4,299	4,447	4,660	4,743	4,724
Southern Leyte	3,688	3,792	3,870	3,877	3,928	3,921	3,932	3,698	3,300	3,730
Samar (Western Samar)	3,114	3,500	3,670	3,681	3,640	3,470	3,354	2,123	1,983	1,925
Zamboanga Peninsula	45,239	48,514	49,890	52,826	53,372	45,952	49,181	55,744	61,722	63,756
Zamboanga del Norte	29,810	30,895	31,859	34,492	35,251	25,928	24,453	25,082	26,070	28,101
Zamboanga del Sur	7,226	8,888	9,210	9,338	9,298	10,906	15,404	20,487	25,233	25,486
Zamboanga Sibugay	3,107	3,202	3,219	3,208	3,101	3,329	3,455	3,700	3,795	3,626
Zamboanga City	5,097	5,528	5,602	5,788	5,722	5,788	5,869	6,475	6,623	6,544
Northern Mindanao	135,799	145,588	152,631	154,704	164,923	166,313	169,094	167,313	168,898	168,267
Bukidnon	27,840	30,200	31,460	31,595	31,975	33,250	33,195	33,300	33,670	34,625
Camiguin	60	54	63	58	59	65	64	60	61	64
Lanao del Norte	87,993	90,295	92,549	93,664	96,336	88,776	84,716	83,820	84,051	84,236
Misamis Occidental	7,117	9,576	10,600	11,800	12,304	12,993	13,079	13,188	13,331	13,320
Misamis Oriental	12,788	15,464	17,960	17,587	24,250	31,228	38,040	36,945	37,785	36,022
Davao Region	174,858	187,303	188,762	205,200	207,496	219,874	224,093	203,899	218,791	225,196
Davao del Norte	8,902	10,216	11,685	11,280	11,526	11,977	12,311	12,213	13,505	13,995
Davao del Sur	77,547	84,784	86,513	90,229	90,235	90,964	91,716	92,498	94,303	97,978
Davao Oriental	54,160	52,813	47,624	57,563	58,702	66,541	70,360	66,680	69,797	69,953
Compostela Valley	18,057	22,986	26,077	29,180	29,903	30,434	29,309	12,062	20,120	21,541
Davao City	16,191	16,504	16,864	16,948	17,130	19,958	20,397	20,447	21,066	21,729
SOCCSKSARGEN	216,795	225,881	228,537	225,388	219,189	223,141	225,611	229,324	230,828	223,527
North Cotabato	134,501	139,855	134,157	129,577	125,932	129,291	131,347	134,469	139,849	134,700
Sarangani	13,910	14,179	12,874	12,727	12,318	14,527	16,752	18,225	19,215	18,754
South Cotabato	62,916	66,245	75,667	76,887	74,998	73,797	69,241	66,742	64,561	63,091
Sultan Kudarat	5,467	5,602	5,839	6,197	5,941	5,526	8,271	9,888	7,204	6,982
Caraga	28,096	29,041	27,823	26,993	26,844	21,992	20,228	18,283	20,098	19,493
Agusan del Norte	4,810	4,819	4,989	4,745	5,041	4,184	4,278	3,672	3,181	3,054
Agusan del Sur	14,040	14,831	13,374	13,041	12,893	10,408	8,853	7,444	9,675	9,822
Dinagat Islands	..	..	..	..	..	..	..	4	5	4
Surigao del Norte	88	100	99	93	81	70	47	31	28	24
Surigao del Sur	9,158	9,292	9,360	9,114	8,829	7,330	7,050	7,131	7,210	6,589
ARMM	88,510	87,549	87,503	87,449	90,015	95,264	98,913	102,443	109,405	123,105
Basilan	1,369	1,584	1,621	1,645	1,644	1,650	1,606	1,555	1,576	1,530
Lanao del Sur	42,387	41,085	40,881	40,800	41,045	40,500	40,002	39,206	40,763	41,338
Maguindanao	42,620	42,690	42,757	43,007	45,465	51,352	55,718	60,260	65,677	78,901
Sulu	1,385	1,447	1,518	1,328	1,210	1,120	965	860	842	812
Tawi-tawi	749	743	726	669	652	642	622	561	548	524

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Banana Saba										
Philippines	2,285,809	2,385,614	2,526,835	2,636,342	2,632,692	2,616,842	2,645,893	2,557,109	2,567,495	2,627,129
NCR										
CAR	8,068	8,715	8,989	9,090	9,021	8,769	8,910	9,553	8,914	9,215
Abra	4,643	4,715	4,742	4,787	4,835	4,695	4,745	4,616	4,031	4,314
Apayao	1,261	1,668	1,723	1,765	1,583	1,590	1,596	2,357	2,194	2,132
Benguet	552	559	567	578	566	550	529	541	556	527
Ifugao	998	994	1,005	1,025	1,033	1,012	1,022	857	861	882
Kalinga	236	223	220	221	211	216	250	310	275	298
Mountain Province	378	556	732	714	793	707	768	872	996	1,062
Ilocos Region	21,908	23,448	23,118	21,573	20,365	20,009	21,055	21,452	21,845	21,523
Ilocos Norte	4,118	4,299	4,270	4,318	4,319	4,445	4,662	4,822	4,958	5,000
Ilocos Sur	5,560	5,889	5,917	5,275	5,102	5,387	5,697	5,934	5,837	5,655
La Union	2,705	2,981	2,956	2,875	2,816	2,849	2,969	3,066	3,171	3,250
Pangasinan	9,526	10,280	9,976	9,104	8,127	7,328	7,727	7,630	7,879	7,618
Cagayan Valley	244,841	272,860	268,663	302,776	267,578	191,181	215,050	255,500	274,218	283,909
Batanes	..	..	..	..	..	..	131	123	74	57
Cagayan	42,330	43,048	37,944	37,525	29,938	25,863	31,986	41,721	38,295	43,985
Isabela	149,777	171,242	159,975	172,058	147,231	96,957	151,087	160,271	168,655	168,627
Nueva Vizcaya	13,698	15,206	15,386	15,809	14,900	14,219	13,246	12,785	12,652	12,290
Quirino	39,036	43,365	55,358	77,385	75,510	54,142	18,600	40,600	54,543	58,949
Central Luzon	23,882	23,861	25,566	25,068	27,928	27,395	27,464	29,128	29,068	28,292
Aurora	4,778	4,575	6,175	6,100	8,895	8,442	8,524	10,501	10,714	10,128
Bataan	698	716	718	718	719	667	620	595	603	613
Bulacan	6,159	6,280	6,459	6,018	6,164	6,213	6,311	6,277	6,528	6,874
Nueva Ecija	2,904	3,007	3,019	3,056	3,039	3,019	3,046	3,026	3,018	2,968
Pampanga	647	651	655	650	638	615	606	597	586	595
Tarlac	2,242	2,355	2,386	2,383	2,328	2,355	2,344	2,365	2,064	1,799
Zambales	6,455	6,277	6,154	6,143	6,145	6,085	6,012	5,768	5,556	5,316
CALABARZON	67,430	65,296	67,565	70,343	68,131	74,187	76,081	77,559	68,600	62,624
Batangas	17,810	21,484	21,314	21,830	21,512	21,650	21,950	21,889	20,857	21,983
Cavite	17,974	17,157	17,258	17,333	16,318	16,663	16,650	16,798	15,068	12,475
Laguna	9,276	7,749	9,034	10,039	9,493	10,717	11,081	11,464	9,108	6,313
Quezon	19,971	16,496	17,593	18,830	18,585	22,883	24,114	25,006	21,244	19,466
Rizal	2,398	2,410	2,366	2,312	2,222	2,275	2,286	2,402	2,323	2,387
MIMAROPA	112,931	115,181	121,094	126,831	130,686	141,302	125,673	98,915	96,980	105,943
Marinduque	656	162	270	365	374	383	380	372	338	321
Occidental Mindoro	1,149	1,202	1,274	1,383	1,373	1,440	1,512	1,560	1,513	1,589
Oriental Mindoro	97,151	99,621	103,378	107,480	110,161	119,370	102,238	73,988	70,933	78,560
Palawan	7,312	8,031	10,556	11,870	13,298	14,561	15,863	17,382	19,125	20,519
Romblon	6,662	6,165	5,617	5,733	5,480	5,548	5,679	5,613	5,072	4,954
Bicol Region	32,549	29,045	35,443	38,636	40,745	41,415	42,704	43,196	38,657	39,658
Albay	4,055	3,879	4,125	4,314	4,521	4,465	4,866	5,355	3,917	3,739
Camarines Norte	5,242	5,297	5,525	5,609	5,558	5,583	5,707	5,778	5,420	5,565
Camarines Sur	15,278	12,884	17,183	18,073	19,021	19,011	19,095	19,313	18,361	18,561
Catanduanes	743	589	633	643	694	681	680	698	678	710
Masbate	1,387	1,370	1,395	1,476	1,531	1,529	1,637	1,614	1,619	1,632
Sorsogon	5,844	5,026	6,582	8,521	9,421	10,146	10,720	10,439	8,662	9,451
Western Visayas	190,128	201,772	200,390	205,426	203,497	212,543	218,719	203,870	159,632	170,589
Aklan	38,902	37,913	36,954	36,886	37,096	37,746	37,532	37,520	22,464	23,070
Antique	11,850	16,439	14,716	16,289	14,149	16,326	16,727	13,203	12,617	13,795
Capiz	13,348	17,660	21,272	23,828	24,582	24,745	24,947	23,131	2,889	6,476
Guimaras	3,853	4,491	4,362	4,425	4,344	4,773	5,148	5,156	5,197	4,817
Iloilo	81,235	82,102	79,112	79,613	79,410	83,879	88,385	80,393	72,335	78,300
Negros Occidental	40,940	43,166	43,974	44,384	43,916	45,074	45,980	44,467	44,130	44,130
Central Visayas	110,675	107,156	116,207	126,673	122,977	133,067	135,700	123,176	123,472	126,361
Bohol	27,629	26,529	27,500	28,570	28,611	30,056	31,368	29,369	20,669	19,695
Cebu	35,625	33,440	32,727	35,130	34,440	39,659	40,893	39,265	42,454	49,205
Negros Oriental	33,581	32,953	41,396	48,153	45,492	48,537	48,979	45,943	48,102	45,445
Siquijor	13,839	14,234	14,584	14,819	14,435	14,816	14,459	8,600	12,247	12,016
Eastern Visayas	153,911	162,828	176,903	180,061	182,217	181,739	183,557	169,427	145,577	153,545
Biliran	10,663	10,345	10,605	10,680	10,714	10,716	10,720	9,262	7,301	7,295
Eastern Samar	2,106	2,125	2,397	2,453	2,462	2,383	2,502	2,393	1,880	1,252
Leyte	22,616	24,165	28,061	29,661	28,890	28,444	28,270	25,090	12,916	14,512
Northern Samar	3,262	4,227	5,196	5,597	7,137	7,364	7,696	8,447	8,790	8,705
Southern Leyte	87,839	89,993	93,669	93,699	95,125	95,010	95,094	85,070	77,644	85,085
Samar (Western Samar)	27,426	31,973	36,974	37,970	37,890	37,822	39,275	39,164	37,046	36,696
Zamboanga Peninsula	127,377	134,099	136,980	140,002	143,631	131,131	131,884	138,878	147,029	153,172
Zamboanga del Norte	61,067	63,652	65,067	68,302	68,052	55,284	50,906	48,825	49,723	57,718
Zamboanga del Sur	22,333	22,760	23,315	22,602	25,877	25,614	29,699	37,165	40,928	40,832
Zamboanga Sibugay	12,285	12,543	12,649	12,545	12,244	12,390	12,708	12,907	14,039	13,171
Zamboanga City	31,693	35,144	35,949	36,552	37,457	37,843	38,570	39,982	42,339	41,451
Northern Mindanao	226,990	238,695	253,216	259,750	269,395	291,200	294,605	295,656	302,445	304,692
Bukidnon	19,718	20,145	20,920	21,000	20,970	20,915	20,875	20,770	21,085	21,344
Camiguin	3,861	3,927	5,015	4,848	4,779	4,850	4,577	4,253	4,232	4,115
Lanao del Norte	145,819	150,303	152,515	153,251	156,938	160,903	154,569	153,414	154,958	155,313
Misamis Occidental	13,996	18,041	22,759	30,306	35,865	41,116	43,160	46,728	51,664	54,625
Misamis Oriental	43,596	46,280	52,007	50,346	50,843	63,416	71,424	70,491	70,506	69,296
Davao Region	470,975	480,171	548,341	576,523	579,465	582,529	571,431	487,433	522,808	533,812
Davao del Norte	37,941	41,892	46,018	44,748	45,377	47,041	47,724	47,720	48,913	49,630
Davao del Sur	267,305	267,742	268,105	274,392	272,412	273,088	270,946	271,165	275,940	280,346
Davao Oriental	58,853	59,109	59,454	69,448	73,182	76,105	78,163	72,826	78,706	78,768
Compostela Valley	84,918	89,324	153,294	165,700	166,083	164,231	152,904	74,201	97,427	102,817
Davao City	21,958	22,104	21,471	22,235	22,411	22,065	21,694	21,520	21,823	22,251
SOCCSKSARGEN	263,295	285,560	307,192	320,277	321,523	334,401	348,477	356,727	369,172	370,851
North Cotabato	199,953	216,346	233,320	243,628	246,170	255,838	265,982	272,733	274,922	277,804
Sarangani	24,180	26,465	26,974	28,794	28,524	31,587	35,884	37,780	39,014	38,580
South Cotabato	22,182	24,128	26,137	27,141	27,176	28,149	28,951	29,466	29,680	29,522
Sultan Kudarat	16,981	18,621	20,760	20,714	19,653	18,826	17,660	16,749	25,557	24,945
Caraga	114,113	117,361	116,941	109,532	114,201	111,911	108,041	101,025	99,909	97,956
Agusan del Norte	66,237	68,069	66,037	58,564	54,645	50,365	43,486	39,176	36,787	35,678
Agusan del Sur	13,241	13,957	15,713	16,433	23,785	29,030	35,321	31,249	32,853	32,888
Dinagat Islands	..	..	..	..	..	..	..	312	215	191
Surigao del Norte	6,789	7,005	6,936	6,787	7,483	6,843	5,204	6,229	5,549	5,470
Surigao del Sur	27,846	28,330	28,255	27,747	28,288	25,673	24,030	24,059	24,505	23,728
ARMM	116,737	119,566	120,228	123,782	131,333	134,063	136,544	145,613	159,168	164,989
Basilan	12,661	13,697	14,136	14,557	14,532	14,814	14,123	13,517	13,886	13,424
Lanao del Sur	26,455	27,610	27,480	27,435	27,410	27,140	27,149	27,983	28,229	28,257
Maguindanao	63,820	64,160	64,097	66,761	74,491	77,976	81,292	90,879	103,909	110,266
Sulu	9,739	10,020	10,415	10,877	10,831	10,030	10,028	9,414	9,388	9,379
Tawi-tawi	4,062	4,078	4,100	4,152	4,069	4,103	3,952	3,821	3,757	3,663

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Calamansi										
Philippines	196,596	201,619	199,675	192,187	188,341	182,550	178,549	164,091	160,740	162,676
NCR										
CAR	451	450	438	426	421	419	420	418	445	445
Abra	81	83	85	87	87	86	87	88	106	112
Apayao	59	67	62	57	56	56	56	53	56	60
Benguet	242	230	219	211	206	205	203	205	210	200
Ifugao	43	44	45	48	45	44	45	45	45	45
Kalinga	8	8	8	9	9	9	10	12	15	15
Mountain Province	18	18	19	15	18	19	19	16	13	13
Ilocos Region	3,163	3,399	3,431	3,311	3,312	3,340	3,370	3,437	3,409	3,432
Ilocos Norte	195	204	210	219	234	237	245	252	255	259
Ilocos Sur	714	829	815	701	707	682	723	751	749	791
La Union	676	734	783	773	757	758	759	757	739	744
Pangasinan	1,578	1,632	1,623	1,618	1,614	1,663	1,644	1,677	1,665	1,638
Cagayan Valley	6,104	8,529	8,481	7,631	7,253	6,992	6,937	7,087	6,628	7,002
Batanes	..	..	..	..	..	..	41	32	21	16
Cagayan	4,623	5,013	4,546	3,494	3,425	3,597	3,349	3,389	3,427	3,706
Isabela	1,127	2,807	3,175	3,336	3,085	2,755	2,778	2,911	2,414	2,557
Nueva Vizcaya	195	524	555	565	577	482	573	555	558	529
Quirino	159	184	205	236	166	158	197	200	210	195
Central Luzon	9,444	10,069	10,243	9,940	10,301	10,225	10,366	10,396	10,717	10,765
Aurora	1,701	1,760	1,750	1,645	1,621	1,637	1,626	1,584	1,674	1,472
Bataan	54	59	64	63	63	59	56	57	58	58
Bulacan	516	536	601	608	880	891	924	938	975	1,047
Nueva Ecija	5,957	6,414	6,525	6,309	6,410	6,317	6,365	6,380	6,511	6,594
Pampanga	601	643	650	646	649	633	683	718	718	714
Tarlac	207	230	231	228	234	235	239	239	223	223
Zambales	410	429	422	441	445	453	473	481	558	658
CALABARZON	13,884	14,961	15,337	15,096	15,328	15,112	14,382	13,855	12,426	13,054
Batangas	3,582	4,329	4,651	4,675	4,890	4,835	4,565	3,380	2,943	3,430
Cavite	320	298	286	274	270	275	274	271	260	298
Laguna	356	364	414	428	412	385	401	409	360	373
Quezon	8,877	9,241	9,269	9,024	9,074	8,922	8,440	9,061	8,144	8,166
Rizal	750	729	718	695	681	695	702	734	719	787
MIMAROPA	120,709	121,047	118,245	113,436	109,612	105,409	102,628	88,748	83,750	84,212
Marinduque	50	49	50	51	52	52	52	52	51	55
Occidental Mindoro	113	138	154	150	156	181	184	184	190	200
Oriental Mindoro	119,938	120,250	117,280	112,479	108,658	104,416	101,601	87,704	82,664	83,087
Palawan	423	441	615	610	612	633	680	700	742	764
Romblon	184	169	146	145	134	126	112	108	103	106
Bicol Region	2,295	2,249	2,513	2,309	2,287	2,238	2,176	2,112	1,845	1,826
Albay	153	146	152	152	145	138	138	124	90	87
Camarines Norte	372	394	417	417	415	417	432	445	454	464
Camarines Sur	403	360	427	431	452	452	454	454	437	468
Catanduanes	16	12	12	12	13	12	12	13	12	12
Masbate	86	97	100	105	110	110	124	127	135	140
Sorsogon	1,265	1,240	1,405	1,192	1,152	1,109	1,016	949	716	653
Western Visayas	7,489	7,281	6,944	6,552	6,162	5,568	5,340	5,290	5,037	4,659
Aklan	581	667	646	547	555	561	568	549	414	427
Antique	49	51	46	43	41	43	42	40	39	41
Capiz	82	83	79	78	82	89	100	98	84	93
Guimaras	4,645	4,344	4,078	3,833	3,505	2,962	2,746	2,715	2,711	2,343
Iloilo	2,074	2,078	2,038	1,994	1,925	1,860	1,830	1,835	1,738	1,707
Negros Occidental	58	58	57	56	54	52	53	52	50	50
Central Visayas	1,360	1,210	1,227	1,271	1,159	1,106	1,117	1,093	1,131	1,175
Bohol	141	128	121	116	104	105	108	100	132	129
Cebu	937	783	784	793	715	658	665	646	640	693
Negros Oriental	201	221	253	295	287	289	292	299	307	301
Siquijor	80	78	69	67	53	53	52	48	51	51
Eastern Visayas	2,401	2,432	2,454	2,483	2,467	2,479	2,510	2,224	1,283	1,503
Biliran	37	35	36	36	38	38	39	37	33	33
Eastern Samar	75	75	79	81	85	87	90	73	44	38
Leyte	2,145	2,162	2,176	2,202	2,180	2,190	2,212	1,937	1,031	1,247
Northern Samar	28	34	35	37	38	39	42	52	54	55
Southern Leyte	39	42	43	44	44	43	43	40	38	41
Samar (Western Samar)	77	84	85	83	82	82	84	85	83	88
Zamboanga Peninsula	5,549	5,384	5,907	5,702	5,748	6,168	6,341	6,989	10,235	9,995
Zamboanga del Norte	834	684	644	572	483	491	397	446	476	584
Zamboanga del Sur	426	466	472	459	457	458	593	666	645	643
Zamboanga Sibugay	3,445	3,422	4,098	4,012	4,178	4,624	4,832	5,363	8,619	8,265
Zamboanga City	844	812	693	659	630	595	519	514	495	502
Northern Mindanao	1,159	1,290	1,265	1,261	1,295	1,286	1,314	1,341	2,041	2,127
Bukidnon	651	656	610	585	560	515	493	501	515	528
Camiguin	7	9	13	15	15	17	20	22	22	23
Lanao del Norte	282	407	419	429	474	504	538	555	1,220	1,289
Misamis Occidental	142	146	151	160	177	187	192	196	202	208
Misamis Oriental	77	72	73	73	68	64	71	68	82	79
Davao Region	10,124	10,327	10,193	10,029	10,062	9,290	8,838	8,136	8,286	8,391
Davao del Norte	4,935	5,001	5,170	5,057	5,237	5,080	5,026	5,089	5,257	5,325
Davao del Sur	566	572	540	523	523	538	546	498	530	534
Davao Oriental	175	173	173	166	168	162	157	149	151	146
Compostela Valley	3,591	3,817	3,672	3,663	3,603	3,152	2,815	2,123	2,105	2,144
Davao City	856	764	637	620	531	358	296	276	243	241
SOCCSKSARGEN	6,536	6,935	6,646	6,581	6,777	6,885	7,120	7,365	7,579	7,370
North Cotabato	5,304	5,629	5,396	5,295	5,405	5,406	5,523	5,679	5,803	5,549
Sarangani	502	510	513	530	522	540	597	561	568	574
South Cotabato	194	198	193	201	261	316	329	391	448	473
Sultan Kudarat	536	597	544	555	589	623	671	734	759	774
Caraga	4,787	4,896	5,203	4,994	4,943	4,808	4,310	4,194	4,421	4,978
Agusan del Norte	481	505	510	487	476	371	238	132	139	131
Agusan del Sur	4,050	4,137	4,430	4,238	4,230	4,242	3,901	3,858	4,096	4,668
Dinagat Islands	..	..	..	..	..	..	..	14	4	4
Surigao del Norte	76	80	80	82	80	59	40	55	51	47
Surigao del Sur	181	175	183	187	158	136	131	136	131	129
ARMM	1,141	1,159	1,149	1,165	1,213	1,227	1,379	1,407	1,509	1,741
Basilan	84	86	86	86	86	84	86	81	79	77
Lanao del Sur	116	115	112	113	115	114	112	101	98	86
Maguindanao	534	552	541	569	607	650	799	845	952	1,192
Sulu	378	377	381	366	373	352	350	350	350	353
Tawi-tawi	28	30	29	30	31	27	32	29	30	33

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Durian										
Philippines	48,465	73,250	51,399	55,727	77,549	58,969	85,961	91,212	80,334	87,382
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	2
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	2	46	46	42	28	33
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	2	46	46	42	28	33
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	1	1	2	4	3
Aurora	..	..	..	..	..	1	1	2	4	3
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	76	75	73	81	79	47	49	52	41	41
Batangas	..	..	..	..	2	1	1	1	0	0
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	76	75	73	81	77	46	49	52	41	41
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	10	11	13	13	14	15	16	16	16	17
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	10	10	10
Oriental Mindoro	8	8	9	9	10	10	10	6	6	7
Palawan	2	2	3	3	4	5	5	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	251	256	299	336	338	49	169	151	159	144
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	2	3	3	5	4	2	3	3	4	4
Negros Occidental	250	253	296	331	334	47	166	148	155	140
Central Visayas	4	2	6	17	17	1	1	7	7	10
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	4	2	1	3	0	0	0	..	1	3
Negros Oriental	..	..	6	14	17	1	1	7	6	7
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	6	7	7	9	9	11	11	10	7	8
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	6	7	7	9	9	8	9	8	3	3
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	2	2	2	4	5
Zamboanga Peninsula	403	515	348	537	811	630	541	558	931	1,506
Zamboanga del Norte	122	174	8	179	403	198	96	13	229	382
Zamboanga del Sur	95	147	164	174	214	260	269	336	386	384
Zamboanga Sibugay	37	40	31	41	48	36	32	56	153	577
Zamboanga City	150	154	145	142	145	136	145	154	163	162
Northern Mindanao	1,331	1,511	1,438	1,932	2,151	1,981	2,057	2,165	2,156	2,295
Bukidnon	444	586	517	910	972	834	793	825	690	748
Camiguin	10	11	13	16	22	18	28	29	34	41
Lanao del Norte	750	776	773	796	905	996	1,070	1,120	1,200	1,246
Misamis Occidental	44	46	55	61	89	97	105	114	120	127
Misamis Oriental	82	92	79	149	163	35	61	77	113	133
Davao Region	28,293	51,222	36,787	42,817	55,606	50,851	67,800	70,064	62,769	67,697
Davao del Norte	3,213	5,940	6,335	7,054	8,326	8,962	10,747	12,511	13,141	15,806
Davao del Sur	910	2,103	1,827	1,867	2,028	1,312	1,267	1,276	1,407	1,621
Davao Oriental	102	130	108	115	109	122	130	65	76	75
Compostela Valley	4,710	18,153	7,022	7,322	8,321	3,716	2,360	256	308	364
Davao City	19,358	24,895	21,495	26,458	36,822	36,739	53,296	55,956	47,837	49,831
SOCCSKSARGEN	2,155	2,896	2,230	2,985	3,455	3,738	3,950	4,796	5,064	5,159
North Cotabato	2,051	2,782	2,115	2,812	3,206	3,479	3,629	4,299	4,497	4,434
Sarangani	27	31	32	40	62	73	80	92	99	108
South Cotabato	58	62	64	111	160	171	216	367	426	573
Sultan Kudarat	19	21	19	21	26	15	26	37	43	43
Caraga	890	1,042	1,105	1,341	1,282	1,341	2,286	1,483	2,198	2,678
Agusan del Norte	77	98	117	88	93	94	128	183	329	370
Agusan del Sur	540	622	657	924	880	1,004	1,907	1,042	1,606	2,069
Dinagat Islands	..	..	..	..	..	..	..	0	0	0
Surigao del Norte	13	14	14	15	9	4	3	3	4	3
Surigao del Sur	260	308	317	314	300	239	247	255	259	236
ARMM	15,045	15,714	9,092	5,660	13,785	259	9,034	11,867	6,953	7,788
Basilan	..	5	..	2	13	..	0	2	35	36
Lanao del Sur	483	472	466	460	468	46	245	241	235	245
Maguindanao	676	664	301	286	328	213	278	290	333	407
Sulu	13,886	14,552	8,325	4,912	12,976	..	8,510	11,334	6,350	7,100
Tawi-tawi	..	22	..	1	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Lanzones										
Philippines	50,012	58,258	7,407	15,341	49,500	4,256	14,190	35,207	13,899	20,814
NCR										
CAR	13	16	17	15	17	12	16	39	46	50
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	12	16	17	15	16	11	14	35	41	41
Benguet	..	..	..	..	..	..	..	..	..	5
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1	1	1	1	1	1	2	4	5	4
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1	1	1	1	1	1	2	3	6	6
Ilocos Norte	..	..	..	..	..	..	..	0	0	0
Ilocos Sur	..	..	..	..	..	..	..	1	2	3
La Union	1	1	1	1	1	1	2	2	3	3
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	115	119	106	111	85	60	53	48	49	50
Batanes	..	..	..	..	..	..	0	0	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	5	7	6	2	5	2	2	1	4	4
Nueva Vizcaya	110	112	100	109	80	57	51	46	45	46
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	20	22	14	12	12	9	11	11	12	10
Aurora	..	2	2	4	5	5	5	6	6	3
Bataan	5	5	5	4	3	3	2	2	2	2
Bulacan	14	15	7	4	4	2	4	3	4	4
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	1	1	1	1	0	0	0	0	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	4,248	4,301	1,282	715	1,007	638	1,600	1,675	1,244	1,292
Batangas	357	429	9	9	9	2	1	1	1	4
Cavite	4	4	4	7	7	7	8	7	7	7
Laguna	3,654	3,576	1,073	549	797	473	495	519	171	200
Quezon	232	293	196	150	193	156	1,097	1,147	1,065	1,081
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	172	174	155	151	157	150	151	161	154	160
Marinduque	14	14	14	14	14	14	14	13	13	14
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	155	154	136	132	137	130	133	142	135	139
Palawan	4	6	5	5	6	5	5	6	6	7
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	8	8	9	9	8	8	8	8	8	8
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	2	2	2	2	2	2	2	2	2	2
Camarines Sur	2	2	2	2	1	1	1	1	1	1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	4	4	5	5	5	5	6	6	5	5
Western Visayas	545	612	503	484	547	356	474	471	482	501
Aklan	40	56	10	43	53	13	13	14	15	13
Antique	..	1	1	1	1	1	1	1	1	1
Capiz	26	38	37	42	52	43	49	38	24	29
Guimaras	0	0	0	0	0	0	0	0	0	0
Iloilo	2	2	2	4	5	5	5	6	8	6
Negros Occidental	477	514	453	394	436	294	406	412	434	453
Central Visayas	80	112	40	128	162	35	59	78	66	78
Bohol	1	1	1	1	4	..	8	8	4	7
Cebu	52	73	23	12	25	9	17	23	22	23
Negros Oriental	13	15	10	95	110	24	30	35	37	43
Siquijor	14	23	6	21	23	1	3	13	2	5
Eastern Visayas	735	733	727	651	720	151	152	158	137	120
Biliran	5	6	5	5	6	4	4	6	6	6
Eastern Samar	..	3	3	3	3	3	3	2	2	1
Leyte	644	590	586	506	554	45	43	42	18	2
Northern Samar	52	96	100	103	107	87	89	97	101	99
Southern Leyte	9	9	9	9	10	10	10	10	10	11
Samar (Western Samar)	25	29	24	26	40	3	3	2	1	2
Zamboanga Peninsula	800	2,796	109	184	11,652	35	47	84	1,853	5,908
Zamboanga del Norte	674	2,672	4	57	11,378	25	8	15	1,772	5,397
Zamboanga del Sur	89	83	68	71	98	..	6	5	8	7
Zamboanga Sibugay	26	30	25	45	165	..	22	52	58	488
Zamboanga City	11	11	11	11	11	10	12	13	15	16
Northern Mindanao	1,948	3,627	1,236	4,448	4,779	1,072	5,398	5,519	4,577	7,369
Bukidnon	6	60	..	130	161	54	12	11	8	12
Camiguin	1,077	1,831	171	922	2,932	374	3,053	2,972	3,362	4,619
Lanao del Norte	197	201	188	351	414	392	403	407	410	409
Misamis Occidental	432	450	426	509	582	242	255	260	267	273
Misamis Oriental	236	1,085	452	2,535	690	10	1,675	1,870	530	2,058
Davao Region	2,345	6,078	2,502	1,985	3,952	1,283	1,087	581	640	530
Davao del Norte	55	297	230	244	286	83	31	38	55	94
Davao del Sur	93	514	284	283	314	13	12	12	18	22
Davao Oriental	27	25	24	21	22	19	15	11	11	13
Compostela Valley	1,602	4,325	1,229	761	2,509	1,166	815	299	325	126
Davao City	567	917	735	677	820	2	214	221	231	275
SOCCSKSARGEN	543	1,244	252	333	931	215	353	457	718	758
North Cotabato	208	876	60	116	678	4	150	175	392	421
Sarangani	50	52	52	56	88	95	97	104	102	103
South Cotabato	253	283	125	146	147	112	93	164	209	218
Sultan Kudarat	31	33	14	15	19	4	13	14	16	17
Caraga	335	75	111	108	194	60	56	195	319	588
Agusan del Norte	..	..	..	..	13	2	6	62	65	75
Agusan del Sur	272	13	51	49	116	35	47	117	232	488
Dinagat Islands	..	..	..	..	..	..	..	0	..	..
Surigao del Norte	36	38	38	39	46	23	3	3	6	7
Surigao del Sur	28	25	22	20	18	..	..	12	17	17
ARMM	38,105	38,341	344	6,005	25,278	171	4,724	25,719	3,589	3,386
Basilan	123	368	..	5	327	..	1	505	600	625
Lanao del Sur	351	354	344	330	343	171	292	290	284	298
Maguindanao	36	34	..	3	4	..	1	1	2	10
Sulu	37,595	37,562	..	5,666	24,600	..	4,430	24,920	2,700	2,450
Tawi-tawi	..	23	..	2	4	..	1	2	3	3

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mandarin										
Philippines	24,880	25,281	22,743	20,376	18,783	17,697	16,755	15,287	14,045	14,064
NCR										
CAR	869	889	885	878	796	797	808	846	890	872
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	14	26	28	33	37	33	41	72	101	108
Benguet	736	724	717	710	631	616	612	619	629	577
Ifugao	26	27	31	34	30	31	29	28	29	27
Kalinga	11	12	13	13	12	13	16	14	13	11
Mountain Province	82	99	96	89	86	104	110	113	118	150
Ilocos Region	11	11	11	11	11	11	12	12	12	12
Ilocos Norte	9	9	9	10	10	10	10	11	11	11
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	2	2	2	2	2	1	1	1	1	1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	10,344	10,733	9,821	9,425	8,155	7,634	7,332	6,829	6,166	6,446
Batanes	..	..	..	..	..	..	17	7	4	1
Cagayan	1,839	1,887	1,114	716	891	915	871	833	773	800
Isabela	433	544	556	554	471	425	426	454	476	493
Nueva Vizcaya	7,282	7,533	7,465	7,365	6,176	5,815	5,583	5,084	4,450	4,711
Quirino	790	770	686	790	616	479	435	450	464	442
Central Luzon	1,231	1,282	1,294	1,203	1,164	1,008	903	725	641	585
Aurora	1,182	1,232	1,243	1,161	1,122	966	863	687	599	542
Bataan	2	2	2	2	2	1	1	1	1	1
Bulacan	48	48	48	40	40	40	39	37	41	42
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	5,008	5,291	5,022	4,988	4,904	4,746	4,656	4,170	3,787	3,662
Batangas	120	350	470	510	521	495	490	185	95	115
Cavite	33	32	31	34	30	29	18	18	17	18
Laguna	2,615	2,521	2,444	2,452	2,451	2,498	2,511	2,512	2,509	2,521
Quezon	2,200	2,353	2,043	1,958	1,868	1,687	1,600	1,410	1,123	964
Rizal	40	35	34	33	34	36	38	45	43	44
MIMAROPA	418	418	411	407	430	431	418	377	354	355
Marinduque	32	33	33	33	33	34	33	32	33	34
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	382	381	375	370	394	394	382	341	318	318
Palawan	3	3	3	3	3	3	3	3	3	3
Romblon	1	1	1	1	..	..	..	..	..	..
Bicol Region	687	754	790	817	824	831	844	844	820	843
Albay	13	13	13	12	12	11	10	11	9	9
Camarines Norte	404	466	487	503	506	512	523	530	540	555
Camarines Sur	140	140	152	149	152	152	153	153	136	142
Catanduanes	0	0	0	0	0	0	0	0	0	0
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	130	134	138	152	154	155	157	151	136	137
Western Visayas	69	69	63	64	59	50	49	54	41	40
Aklan	36	38	34	35	33	25	23	16	7	6
Antique	12	10	9	9	8	8	8	8	7	7
Capiz	..	..	..	..	..	..	..	11	10	11
Guimaras	3	4	5	5	4	4	4	5	5	6
Iloilo	18	17	15	15	14	13	14	14	12	10
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	78	172	126	123	87	79	61	52	54	51
Bohol	..	..	..	..	..	..	..	1	1	1
Cebu	61	159	115	114	83	73	55	44	44	41
Negros Oriental	17	13	11	9	4	6	7	8	9	9
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	28	29	30	31	30	29	29	29	21	19
Biliran	1	1	1	1	1	1	1	1	0	0
Eastern Samar	1	1	1	1	1	1	1	1	1	0
Leyte	8	9	9	10	9	9	9	9	3	1
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	17	18	18	18	18	18	18	18	17	17
Samar (Western Samar)	1	1	1	1	1	0	0	0	0	0
Zamboanga Peninsula	3	5	3	3	14	6	6	1	0	7
Zamboanga del Norte	3	5	3	3	14	6	6	1	0	7
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	133	138	146	147	153	116	75	71	64	56
Bukidnon	65	71	82	89	99	67	28	27	22	16
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	59	57	55	49	44	40	38	35	33	31
Misamis Occidental	6	6	6	6	6	7	8	8	8	8
Misamis Oriental	4	3	3	3	4	2	2	1	1	0
Davao Region	4,015	3,520	2,310	2,138	1,827	1,682	1,495	1,216	1,134	1,061
Davao del Norte	107	99	95	91	89	86	83	78	75	74
Davao del Sur	154	142	126	113	101	85	76	74	70	66
Davao Oriental	1,481	1,357	439	382	327	300	257	204	189	183
Compostela Valley	399	436	408	333	304	297	261	100	74	59
Davao City	1,874	1,487	1,241	1,219	1,005	913	818	760	727	680
SOCCSKSARGEN	62	62	62	64	66	56	50	48	47	42
North Cotabato	18	17	16	16	15	14	15	14	13	11
Sarangani	11	11	12	12	13	14	14	14	15	14
South Cotabato	12	12	12	13	15	13	13	13	14	12
Sultan Kudarat	22	22	23	23	24	15	9	7	5	5
Caraga	45	50	51	42	37	17	12	10	9	8
Agusan del Norte	11	12	13	7	13	7	2	1	1	0
Agusan del Sur	1	3	2	2	2	1	1	0	0	0
Dinagat Islands	..	..	..	..	..	..	..	0	0	0
Surigao del Norte	18	20	22	20	7	3	2	2	2	2
Surigao del Sur	15	16	15	14	15	6	7	6	6	6
ARMM	1,878	1,858	1,716	36	226	205	5	4	4	4
Basilan	..	0	0	..	..	..	..	..	..	..
Lanao del Sur	6	6	6	6	6	5	5	4	4	4
Maguindanao	1	..	..	30	..	..	..	..	..	..
Sulu	1,870	1,851	1,710	..	220	200	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mango										
Philippines	919,030	1,023,907	884,011	771,441	825,676	788,074	768,410	816,378	885,038	902,739
NCR										
CAR	3,459	3,762	3,705	3,738	3,721	3,709	3,318	3,422	3,610	3,332
Abra	396	412	416	421	428	423	427	436	673	724
Apayao	11	12	18	15	21	20	19	16	23	25
Benguet	2,426	2,450	2,401	2,415	2,382	2,377	1,986	2,012	1,911	1,592
Ifugao	383	652	644	640	643	638	644	649	661	645
Kalinga	100	104	97	93	88	86	80	149	184	204
Mountain Province	143	133	129	154	158	166	162	160	157	143
Ilocos Region	422,533	445,049	382,569	293,993	290,975	276,661	265,163	260,524	271,091	259,533
Ilocos Norte	36,798	35,375	31,649	30,582	29,329	32,526	31,966	34,093	35,138	34,367
Ilocos Sur	3,122	7,513	7,305	7,140	7,268	7,450	7,494	8,217	8,454	8,464
La Union	7,018	11,932	10,223	8,962	9,798	9,886	10,018	12,799	15,132	16,984
Pangasinan	375,595	390,229	333,392	247,308	244,580	226,798	215,685	205,416	212,366	199,718
Cagayan Valley	51,082	90,108	66,209	37,910	58,781	46,439	34,920	47,962	53,691	50,163
Batanes	..	..	..	..	..	..	175	179	121	51
Cagayan	8,762	16,549	5,459	4,121	10,081	12,103	9,700	11,463	12,818	13,755
Isabela	35,049	57,943	49,546	23,703	31,730	18,153	12,769	18,838	23,260	27,955
Nueva Vizcaya	4,550	11,630	7,718	6,997	12,463	12,529	12,276	15,907	15,715	6,841
Quirino	2,722	3,987	3,486	3,089	4,507	3,655	..	1,575	1,777	1,561
Central Luzon	85,930	84,131	68,314	58,453	64,401	64,053	59,828	70,500	68,966	68,813
Aurora	..	..	..	..	12	12	14	15	16	16
Bataan	5,743	5,858	5,550	5,184	5,204	4,781	4,370	3,878	4,093	3,792
Bulacan	25,475	23,311	10,621	4,010	10,238	7,945	6,444	8,878	8,675	8,794
Nueva Ecija	16,532	16,459	15,092	14,267	14,085	14,936	14,249	14,351	13,979	14,198
Pampanga	5,086	5,095	5,048	4,952	4,904	4,989	4,964	5,767	5,508	6,031
Tarlac	19,439	19,645	18,266	17,614	16,401	16,882	16,750	19,061	15,182	12,130
Zambales	13,654	13,763	13,737	12,427	13,558	14,508	13,037	18,550	21,514	23,852
CALABARZON	41,576	45,424	40,887	42,385	44,914	58,628	55,215	54,291	59,474	59,041
Batangas	20,046	25,817	26,732	28,882	30,112	43,450	39,105	36,755	40,923	43,686
Cavite	10,839	9,889	5,354	5,291	5,100	4,961	6,203	5,586	5,678	5,003
Laguna	643	573	502	476	514	516	498	506	557	43
Quezon	8,922	7,996	7,153	6,742	8,164	8,511	8,233	10,307	11,074	8,536
Rizal	1,127	1,149	1,146	995	1,023	1,190	1,176	1,137	1,241	1,773
MIMAROPA	8,081	7,896	8,022	8,333	9,551	9,582	9,805	10,162	11,838	12,864
Marinduque	111	61	60	60	80	76	69	65	69	67
Occidental Mindoro	1,391	1,311	1,480	1,530	1,603	1,538	1,476	1,605	1,712	1,676
Oriental Mindoro	77	80	78	75	82	80	76	78	92	111
Palawan	5,844	5,832	5,807	5,986	6,916	7,020	7,250	7,501	9,020	9,959
Romblon	658	612	596	682	871	869	933	912	945	1,051
Bicol Region	1,686	1,622	1,438	1,410	1,516	1,398	1,474	1,532	1,592	1,684
Albay	12	9	9	9	10	9	9	9	10	10
Camarines Norte	989	823	640	640	618	636	656	676	646	680
Camarines Sur	11	15	17	7	89	81	83	98	116	124
Catanduanes	6	5	6	6	6	6	5	5	5	5
Masbate	211	446	466	492	521	447	492	498	545	568
Sorsogon	457	325	301	256	273	221	228	246	269	297
Western Visayas	55,164	58,067	46,421	44,487	50,447	45,344	45,869	47,949	44,507	51,972
Aklan	863	885	823	789	831	1,000	1,007	1,058	1,066	1,159
Antique	1,858	1,995	1,900	1,716	1,812	1,636	1,539	1,539	1,392	1,331
Capiz	136	174	207	203	242	238	238	247	100	137
Guimaras	12,110	12,468	7,537	7,248	7,971	8,701	9,195	10,138	10,026	11,840
Iloilo	25,901	27,109	21,870	20,924	25,853	23,126	23,538	24,644	21,443	25,874
Negros Occidental	14,297	15,436	14,085	13,607	13,737	10,643	10,353	10,324	10,481	11,631
Central Visayas	54,209	72,917	65,818	65,293	71,021	65,001	67,655	71,584	75,054	86,283
Bohol	12,513	12,754	11,682	10,893	12,192	9,565	9,785	9,551	9,745	11,611
Cebu	24,298	40,457	36,775	39,375	43,271	41,874	43,026	43,647	45,486	53,270
Negros Oriental	16,668	18,966	16,734	14,375	14,855	13,031	14,283	17,881	18,996	20,512
Siquijor	730	741	626	649	703	531	562	504	826	890
Eastern Visayas	547	721	828	904	902	885	883	848	518	506
Biliran	65	71	77	87	90	90	90	86	76	77
Eastern Samar	69	75	75	76	77	77	80	94	77	49
Leyte	178	309	415	481	472	459	450	424	128	141
Northern Samar	37	54	58	60	62	63	65	67	68	64
Southern Leyte	42	43	44	46	45	45	44	44	41	42
Samar (Western Samar)	156	169	159	155	155	151	153	133	128	135
Zamboanga Peninsula	53,932	59,603	53,113	57,809	74,025	78,411	80,866	92,445	109,534	116,211
Zamboanga del Norte	16,400	21,791	19,158	23,431	39,940	45,322	48,654	59,897	69,524	75,986
Zamboanga del Sur	16,658	16,271	13,489	14,108	14,051	12,820	11,326	11,551	14,948	14,939
Zamboanga Sibugay	3,565	3,459	3,188	3,348	3,184	2,902	3,356	3,321	4,932	5,168
Zamboanga City	17,309	18,082	17,279	16,922	16,850	17,367	17,530	17,676	20,129	20,119
Northern Mindanao	33,581	33,685	33,251	35,869	37,593	35,521	38,169	44,695	45,224	50,681
Bukidnon	6,436	6,375	5,545	4,383	4,589	3,752	3,450	3,298	3,002	3,023
Camiguin	313	393	229	214	221	227	223	280	299	281
Lanao del Norte	3,458	3,477	3,460	3,496	3,834	4,032	4,599	4,873	5,253	5,648
Misamis Occidental	11,977	11,997	14,378	17,669	18,422	19,068	19,197	19,086	19,658	23,948
Misamis Oriental	11,398	11,442	9,639	10,108	10,527	8,442	10,701	17,157	17,012	17,780
Davao Region	33,518	38,081	36,595	37,048	33,908	29,730	31,803	32,172	53,668	54,336
Davao del Norte	2,443	2,618	2,537	2,569	2,651	2,666	2,708	2,717	2,816	3,104
Davao del Sur	18,044	23,051	23,232	23,518	20,336	17,970	20,608	21,427	42,296	41,975
Davao Oriental	1,338	1,209	1,264	1,303	1,338	1,410	1,668	1,689	2,025	2,181
Compostela Valley	1,584	1,710	1,444	1,333	1,535	804	613	275	449	452
Davao City	10,109	9,492	8,119	8,325	8,048	6,879	6,206	6,064	6,082	6,623
SOCCSKSARGEN	43,362	51,152	47,516	53,655	56,264	52,330	53,405	55,052	59,712	58,595
North Cotabato	18,080	25,319	24,629	29,457	30,153	28,524	28,022	28,156	29,448	28,255
Sarangani	3,977	4,023	3,913	4,148	4,611	4,917	5,999	7,135	8,017	8,173
South Cotabato	18,788	19,295	16,676	17,707	19,089	16,620	17,027	17,280	19,562	19,501
Sultan Kudarat	2,518	2,515	2,297	2,342	2,410	2,269	2,357	2,482	2,685	2,665
Caraga	15,955	16,845	17,230	15,404	15,520	12,156	12,607	15,562	15,700	17,228
Agusan del Norte	14,917	15,800	16,097	14,182	14,441	11,187	11,687	14,498	14,740	15,851
Agusan del Sur	127	125	189	277	242	212	252	271	223	243
Dinagat Islands	..	..	..	..	..	..	..	30	19	33
Surigao del Norte	477	457	457	424	350	288	154	182	156	545
Surigao del Sur	434	463	488	522	487	469	513	581	561	555
ARMM	14,414	14,846	12,094	14,752	12,138	8,226	7,431	7,680	10,860	11,497
Basilan	215	226	219	218	227	219	210	201	206	210
Lanao del Sur	133	119	118	117	117	116	114	107	113	119
Maguindanao	5,303	5,522	3,172	4,308	4,319	2,081	4,689	5,077	8,172	8,680
Sulu	8,230	8,459	8,096	9,616	6,970	5,333	1,933	1,804	1,834	1,941
Tawi-tawi	533	521	488	492	505	478	485	491	535	547

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mango Carabao										
Philippines	738,660	828,412	712,409	621,280	669,520	638,954	630,596	671,929	730,140	740,239
NCR										
CAR	3,352	3,648	3,605	3,635	3,616	3,595	3,204	3,283	3,465	3,204
Abra	396	412	416	421	428	423	427	436	673	724
Apayao	7	7	11	9	13	12	12	10	17	18
Benguet	2,426	2,450	2,401	2,415	2,382	2,377	1,986	2,012	1,911	1,592
Ifugao	371	631	625	622	624	620	625	630	638	624
Kalinga	66	68	63	60	57	56	52	98	130	160
Mountain Province	87	80	89	109	111	107	102	97	96	87
Ilocos Region	366,420	388,007	331,628	254,565	252,694	238,222	226,938	221,047	231,810	221,255
Ilocos Norte	24,296	23,235	19,942	19,329	18,490	20,292	19,953	21,506	22,711	22,239
Ilocos Sur	1,786	5,623	5,485	5,258	5,147	4,988	4,852	5,333	5,520	5,451
La Union	6,425	11,084	9,525	8,387	9,254	9,341	9,469	12,209	14,551	16,424
Pangasinan	333,913	348,066	296,676	221,591	219,803	203,601	192,664	181,999	189,027	177,141
Cagayan Valley	35,619	63,933	46,719	28,592	42,591	32,501	26,461	37,066	40,672	35,988
Batanes	..	..	..	..	..	..	66	67	44	18
Cagayan	5,789	12,182	3,581	2,856	5,355	6,536	5,185	6,277	7,129	7,648
Isabela	24,568	38,783	34,273	17,753	23,963	13,153	10,495	15,996	18,694	22,371
Nueva Vizcaya	3,605	10,550	6,868	6,207	10,854	10,859	10,716	13,931	13,884	5,165
Quirino	1,656	2,418	1,998	1,776	2,420	1,953	..	795	922	785
Central Luzon	66,874	65,189	52,582	44,538	49,576	49,781	46,763	56,566	54,237	52,698
Aurora	..	..	..	..	5	5	6	6	6	6
Bataan	1,916	2,006	1,898	1,830	1,836	1,690	1,550	1,400	1,539	1,430
Bulacan	20,233	18,569	8,538	3,101	8,515	6,581	5,327	7,370	7,200	7,298
Nueva Ecija	11,536	11,304	10,245	9,567	9,473	10,099	9,465	9,523	9,231	9,403
Pampanga	2,122	2,127	2,115	2,102	2,175	2,490	2,780	4,204	4,200	4,798
Tarlac	19,384	19,590	18,212	17,561	16,353	16,833	16,707	19,016	15,141	12,092
Zambales	11,682	11,593	11,575	10,378	11,220	12,083	10,928	15,047	16,920	17,671
CALABARZON	21,488	24,454	22,677	24,657	26,758	39,108	37,207	36,266	39,048	36,423
Batangas	12,841	16,730	17,143	19,263	20,303	32,240	28,999	27,450	29,920	29,005
Cavite	4,489	3,940	2,283	2,312	2,230	2,163	3,623	3,274	3,295	2,821
Laguna	281	226	180	166	183	183	174	174	191	6
Quezon	3,743	3,407	2,927	2,776	3,898	4,214	4,122	5,086	5,335	4,135
Rizal	135	151	145	140	145	309	289	282	307	457
MIMAROPA	4,873	4,786	4,884	5,121	6,025	6,103	6,286	6,553	7,997	8,833
Marinduque	23	10	10	10	28	27	27	26	28	28
Occidental Mindoro	988	932	1,044	1,075	1,129	1,083	1,034	1,120	1,185	1,158
Oriental Mindoro	26	27	27	26	29	28	27	28	34	41
Palawan	3,736	3,731	3,720	3,908	4,659	4,782	5,000	5,187	6,540	7,381
Romblon	100	85	83	102	180	182	198	192	209	225
Bicol Region	141	244	252	260	285	238	261	264	287	300
Albay	3	0	0	0	1	0	0	0	1	1
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	3	6	6	1	12	10	10	12	14	14
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	106	214	224	240	254	212	234	234	254	265
Sorsogon	30	23	21	19	20	15	16	17	18	20
Western Visayas	52,130	54,750	43,095	41,085	46,937	41,551	42,021	43,994	40,587	47,517
Aklan	137	136	129	111	122	184	186	214	204	209
Antique	1,832	1,948	1,866	1,684	1,778	1,605	1,510	1,510	1,365	1,303
Capiz	63	82	100	101	121	119	118	123	50	65
Guimaras	12,079	12,436	7,505	7,218	7,939	8,667	9,162	10,101	9,974	11,755
Iloilo	25,588	26,727	21,575	20,549	25,447	22,665	23,100	24,039	20,912	25,200
Negros Occidental	12,432	13,422	11,921	11,422	11,531	8,312	7,945	8,008	8,082	8,985
Central Visayas	47,945	65,854	59,631	59,657	65,276	59,895	62,246	65,635	68,648	79,157
Bohol	12,300	12,530	11,479	10,697	11,986	9,366	9,582	9,349	9,482	11,289
Cebu	22,853	38,760	35,335	37,875	41,748	40,449	41,445	42,033	43,722	51,057
Negros Oriental	12,496	14,266	12,567	10,813	11,219	9,841	10,956	14,016	14,906	16,215
Siquijor	296	299	249	272	322	239	263	236	538	596
Eastern Visayas	228	335	403	457	460	449	448	438	228	239
Biliran	30	34	40	45	48	48	48	45	40	41
Eastern Samar	..	2	2	2	2	2	3	4	4	3
Leyte	129	213	271	320	314	306	299	285	82	89
Northern Samar	13	21	23	23	24	25	25	26	27	25
Southern Leyte	8	8	8	9	9	8	8	9	8	8
Samar (Western Samar)	48	57	59	59	64	60	64	69	67	72
Zamboanga Peninsula	36,625	41,145	36,761	40,633	55,912	60,610	62,956	74,043	87,190	92,064
Zamboanga del Norte	12,460	17,015	14,958	18,347	32,950	37,880	40,677	51,383	59,134	64,248
Zamboanga del Sur	9,199	8,541	6,846	7,461	8,141	7,744	6,549	6,753	8,619	8,487
Zamboanga Sibugay	2,314	2,247	2,143	2,352	2,233	2,017	2,576	2,580	3,754	3,739
Zamboanga City	12,652	13,343	12,815	12,472	12,587	12,969	13,153	13,327	15,682	15,589
Northern Mindanao	30,425	30,635	30,301	32,975	34,613	32,662	35,274	41,756	42,258	47,512
Bukidnon	5,945	5,924	5,140	4,080	4,290	3,490	3,238	3,120	2,845	2,866
Camiguin	211	305	151	137	137	143	138	194	226	211
Lanao del Norte	1,703	1,722	1,708	1,725	2,035	2,210	2,765	3,050	3,410	3,698
Misamis Occidental	11,792	11,812	14,187	17,456	18,213	18,847	18,971	18,845	19,402	23,622
Misamis Oriental	10,775	10,872	9,115	9,577	9,938	7,972	10,162	16,547	16,375	17,115
Davao Region	26,079	30,770	29,812	30,224	27,201	23,953	26,460	26,921	48,205	48,721
Davao del Norte	1,701	1,866	1,799	1,822	1,894	1,913	1,947	1,955	2,039	2,284
Davao del Sur	16,692	21,612	21,772	22,040	18,865	16,551	19,168	19,923	40,644	40,335
Davao Oriental	1,127	997	1,042	1,090	1,115	1,138	1,254	1,267	1,580	1,650
Compostela Valley	1,205	1,311	1,065	996	1,054	635	469	234	388	377
Davao City	5,353	4,984	4,134	4,277	4,273	3,716	3,622	3,541	3,553	4,075
SOCCSKSARGEN	32,389	39,273	36,500	42,229	44,413	41,048	42,317	43,896	48,121	47,223
North Cotabato	10,245	16,586	16,301	20,724	21,169	19,887	19,592	19,702	20,856	19,877
Sarangani	3,384	3,475	3,464	3,764	4,266	4,599	5,702	6,810	7,687	7,841
South Cotabato	16,516	16,969	14,639	15,572	16,743	14,462	14,829	15,069	17,068	17,020
Sultan Kudarat	2,244	2,242	2,097	2,169	2,236	2,099	2,194	2,315	2,511	2,485
Caraga	10,750	11,386	11,804	10,309	10,940	9,040	9,485	12,045	12,315	13,790
Agusan del Norte	10,553	11,200	11,531	9,952	10,625	8,760	9,177	11,719	12,042	13,113
Agusan del Sur	76	84	172	257	231	202	242	247	196	202
Dinagat Islands	..	..	..	..	..	..	..	9	1	4
Surigao del Norte	101	89	88	82	71	65	43	44	47	443
Surigao del Sur	20	13	14	18	13	13	24	27	29	28
ARMM	3,321	4,003	1,753	2,342	2,221	199	2,271	2,157	5,072	5,315
Basilan	66	69	67	67	69	65	61	58	59	61
Lanao del Sur	69	68	67	68	67	66	64	63	66	69
Maguindanao	3,169	3,850	1,600	2,185	2,058	33	2,105	1,985	4,882	5,116
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	16	15	18	22	28	35	41	51	64	69

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mangosteen										
Philippines	4,494	4,683	866	1,567	5,553	683	3,209	3,303	2,686	3,400
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	0
Ilocos Norte	..	..	..	..	..	..	..	..	..	0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	85	64	58	52	56	48	43	54	35	36
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	1	1	1	0	0
Quezon	85	64	58	52	56	48	42	53	35	36
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1	1	1	1	1	1	1	1	2	2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	1	1	1	1	1	1	1	1	1	1
Palawan	..	..	..	..	..	..	..	..	1	1
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	248	220	235	22	31	23	28	29
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	248	220	235	22	31	23	28	29
Central Visayas	9	8	6	9	12	8	10	11	10	11
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	9	8	6	9	12	8	10	11	10	11
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	103	113	28	154	954	24	288	25	146	978
Zamboanga del Norte	81	91	9	136	938	19	280	16	139	954
Zamboanga del Sur	13	13	12	10	7	3	3	2	2	2
Zamboanga Sibugay	7	6	4	5	6	..	3	4	2	18
Zamboanga City	3	3	3	3	3	3	3	3	3	3
Northern Mindanao	151	153	119	134	184	69	66	67	60	66
Bukidnon	81	84	53	52	63	37	21	16	12	13
Camiguin	0	0	0	0	0	..	..	..	..	..
Lanao del Norte	28	28	27	27	25	24	26	28	29	28
Misamis Occidental	40	39	38	50	82	8	13	8	6	10
Misamis Oriental	2	2	2	5	14	..	6	15	14	15
Davao Region	267	410	369	406	701	480	364	302	448	461
Davao del Norte	74	99	106	114	146	133	100	109	150	161
Davao del Sur	6	20	17	21	8	3	3	3	3	1
Davao Oriental	..	..	..	..	..	2	1	0	1	1
Compostela Valley	80	152	149	176	368	284	221	88	104	109
Davao City	108	139	96	94	179	58	39	101	189	189
SOCCSKSARGEN	55	558	4	21	835	12	374	710	842	652
North Cotabato	55	557	4	20	827	3	365	696	827	629
Sarangani	0	0	0	1	4	5	5	6	6	7
South Cotabato	..	..	..	..	5	4	4	9	9	16
Sultan Kudarat	0	0	0	0	0	0	0	0	0	0
Caraga	39	34	12	12	16	5	38	63	57	167
Agusan del Norte	..	..	..	..	2	1	0	8	4	2
Agusan del Sur	38	33	11	11	13	4	10	31	33	144
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	1	1	1	1	1	0	0	1	1	0
Surigao del Sur	..	..	..	..	..	..	28	23	19	21
ARMM	3,783	3,341	21	558	2,558	15	1,996	2,048	1,057	998
Basilan	..	14	..	1	4	..	..	2	2	2
Lanao del Sur	19	16	16	15	15	15	16	15	14	14
Maguindanao	1	23	..	..	0	..	..	1	1	2
Sulu	3,764	3,286	5	542	2,540	..	1,980	2,030	1,040	980
Tawi-tawi	..	2	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Orange										
Philippines	5,234	5,148	4,870	4,663	4,337	3,984	3,827	3,513	3,325	3,219
NCR										
CAR	1,056	1,030	1,013	991	933	893	862	842	839	782
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	1	2	3	3	3	3	3	4	4	5
Benguet	846	826	810	797	758	741	734	738	747	705
Ifugao	16	17	18	20	17	18	17	16	17	17
Kalinga	21	23	24	24	23	24	18	11	10	9
Mountain Province	172	162	158	146	131	107	90	73	60	47
Ilocos Region	54	53	50	41	35	30	26	22	17	15
Ilocos Norte	31	30	27	22	18	14	12	10	9	7
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	18	19	19	15	13	12	11	10	6	5
Pangasinan	5	4	4	3	3	3	3	3	3	2
Cagayan Valley	769	976	960	940	824	722	682	637	590	602
Batanes	..	..	..	..	..	..	9	2	1	0
Cagayan	48	43	21	14	12	11	10	10	10	9
Isabela	123	166	168	167	154	109	95	102	108	109
Nueva Vizcaya	530	706	712	692	603	558	527	480	427	444
Quirino	68	61	58	68	55	44	41	43	43	40
Central Luzon	100	101	79	47	39	31	24	22	22	14
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	69	62	43	16	12	6	..	..	..	..
Zambales	31	39	35	31	28	26	24	22	22	14
CALABARZON	255	123	38	75	65	56	46	19	9	9
Batangas	180	80	5	45	40	38	30	5	1	1
Cavite	4	2	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	71	41	33	30	25	18	16	14	8	8
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	31	14	11	10	9	7	7	8	9	9
Marinduque	16	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	10	10	10	10	9	7	7	8	9	9
Romblon	5	4	2	..	..	..	..	..	..	..
Bicol Region	927	985	989	948	915	903	912	921	899	917
Albay	1	0	0	1	1	1	0	0	0	0
Camarines Norte	756	807	795	760	724	711	718	730	728	743
Camarines Sur	146	153	168	161	164	166	168	164	148	150
Catanduanes	13	13	14	13	14	13	13	13	12	12
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	12	12	12	13	13	13	13	13	10	11
Western Visayas	47	46	46	47	47	45	47	21	22	20
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	16	18	19	20	21	20	21	..	..	..
Guimaras	1	1	1	1	1	1	2	2	2	1
Iloilo	5	5	4	3	2	2	2	1	1	1
Negros Occidental	25	23	23	24	23	22	23	18	19	18
Central Visayas	36	30	12	11	8	7	7	6	5	3
Bohol	16	14	12	11	8	7	7	6	5	3
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	20	16	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	99	101	109	113	111	108	108	100	54	47
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	35	35	41	42	41	41	41	35	30	22
Leyte	60	62	64	68	67	63	64	62	22	23
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	3	3	3	3	3	3	3	3	3	2
Zamboanga Peninsula	72	61	60	52	49	48	50	37	30	27
Zamboanga del Norte	2	1	..	..	..	..	..	37	30	27
Zamboanga del Sur	62	53	54	47	47	48	50	..	..	..
Zamboanga Sibugay	8	7	6	5	2	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	147	146	136	136	134	95	103	99	88	79
Bukidnon	74	78	70	74	79	45	57	58	53	47
Camiguin	1	1	1	2	2	6	7	8	8	9
Lanao del Norte	44	42	43	40	35	33	30	28	25	23
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	28	24	22	21	17	12	9	5	1	1
Davao Region	1,345	1,197	1,089	1,028	950	871	813	644	611	561
Davao del Norte	73	67	65	61	60	57	55	52	50	49
Davao del Sur	28	24	20	18	15	13	12	13	13	12
Davao Oriental	182	171	166	126	113	91	88	81	77	74
Compostela Valley	211	223	226	215	206	192	165	51	51	48
Davao City	851	712	612	608	558	518	494	448	421	377
SOCCSKSARGEN	86	86	89	92	95	92	96	101	105	107
North Cotabato	38	37	39	41	42	40	41	44	46	48
Sarangani	6	6	6	6	7	7	7	8	8	7
South Cotabato	14	14	14	14	15	14	14	14	15	14
Sultan Kudarat	28	29	29	30	31	31	33	35	37	37
Caraga	136	130	124	105	52	32	29	20	13	15
Agusan del Norte	29	26	21	13	..	..	..	..	..	..
Agusan del Sur	97	93	95	85	52	32	29	20	13	15
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	10	11	8	8	..	..	..	..	..	..
ARMM	74	69	66	28	70	45	15	14	14	12
Basilan	4	..	..	..	..	..	..	..	..	..
Lanao del Sur	20	20	20	20	20	15	15	14	14	12
Maguindanao	0	..	..	8	..	..	..	..	..	..
Sulu	50	49	46	..	50	30	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Papaya										
Philippines	157,120	164,234	182,908	176,656	165,981	157,907	164,913	166,336	172,629	172,650
NCR										
CAR	1,642	1,655	1,667	1,675	1,644	1,587	1,590	1,627	1,730	1,765
Abra	690	697	704	713	711	694	703	731	828	888
Apayao	38	31	27	25	21	20	21	28	25	25
Benguet	303	308	312	313	305	290	272	276	282	268
Ifugao	406	407	406	401	384	349	346	326	331	320
Kalinga	79	78	79	81	79	79	84	87	81	76
Mountain Province	127	133	139	143	144	154	164	180	183	188
Ilocos Region	4,120	4,122	3,982	3,561	3,293	3,290	3,323	3,456	3,542	3,497
Ilocos Norte	894	885	839	811	812	836	871	905	915	902
Ilocos Sur	792	751	731	590	443	517	567	598	612	618
La Union	675	672	644	593	559	529	525	555	574	570
Pangasinan	1,759	1,815	1,767	1,567	1,479	1,408	1,360	1,398	1,441	1,407
Cagayan Valley	2,749	3,043	2,996	2,887	2,290	1,739	1,992	2,074	1,995	1,874
Batanes	..	..	..	..	..	..	92	74	54	41
Cagayan	635	780	684	584	367	320	362	432	419	320
Isabela	579	631	653	646	415	177	358	386	407	407
Nueva Vizcaya	1,330	1,436	1,436	1,430	1,266	1,113	1,045	999	953	951
Quirino	205	195	223	226	242	130	134	182	162	156
Central Luzon	3,241	3,391	3,977	3,852	3,934	3,987	3,908	3,919	4,149	5,640
Aurora	71	86	174	234	264	260	258	210	282	211
Bataan	208	212	214	210	210	200	192	191	193	197
Bulacan	1,517	1,608	2,101	1,911	1,987	2,020	2,006	2,072	2,159	3,707
Nueva Ecija	487	524	577	583	589	589	590	578	589	594
Pampanga	663	674	652	635	582	560	543	497	492	485
Tarlac	25	26	26	29	28	27	27	27	25	23
Zambales	269	262	234	252	274	332	292	345	409	423
CALABARZON	14,573	10,528	10,356	9,677	8,440	9,128	9,250	9,232	7,094	6,952
Batangas	155	191	215	230	222	208	191	162	137	135
Cavite	3,032	2,796	2,879	2,868	2,721	2,891	2,985	2,981	1,794	1,751
Laguna	3,156	634	782	870	824	1,446	1,394	1,452	1,261	1,226
Quezon	7,372	6,125	5,836	5,147	4,161	4,053	4,145	4,075	3,342	3,304
Rizal	858	783	644	561	510	530	535	562	560	536
MIMAROPA	3,121	3,263	3,544	3,751	3,757	3,894	4,040	4,057	4,024	4,144
Marinduque	103	96	94	95	96	98	100	99	90	93
Occidental Mindoro	1,939	1,957	2,185	2,367	2,335	2,446	2,570	2,571	2,522	2,611
Oriental Mindoro	370	355	339	325	324	321	307	305	321	336
Palawan	333	490	568	594	643	684	723	756	790	815
Romblon	377	366	359	370	359	345	339	326	301	289
Bicol Region	8,547	8,244	9,305	9,574	9,703	9,551	9,607	9,628	9,074	9,188
Albay	780	767	812	852	857	825	767	716	511	537
Camarines Norte	2,064	2,582	2,703	2,688	2,607	2,620	2,685	2,692	2,655	2,735
Camarines Sur	4,089	3,523	4,165	4,345	4,434	4,419	4,442	4,466	4,294	4,260
Catanduanes	42	37	40	38	39	39	39	40	40	39
Masbate	49	71	79	86	93	93	102	106	111	113
Sorsogon	1,523	1,264	1,507	1,565	1,673	1,555	1,573	1,608	1,464	1,503
Western Visayas	7,343	7,117	6,435	6,483	6,188	6,333	6,253	6,026	5,256	5,268
Aklan	2,016	1,940	1,451	1,264	1,164	1,155	1,121	1,075	716	716
Antique	543	501	454	444	414	406	378	370	347	344
Capiz	664	603	517	512	455	459	486	433	72	104
Guimaras	131	136	132	134	124	137	147	143	142	137
Iloilo	1,935	1,927	1,817	1,953	2,022	2,174	2,146	2,157	2,161	2,160
Negros Occidental	2,055	2,010	2,063	2,177	2,009	2,002	1,974	1,849	1,818	1,806
Central Visayas	7,540	7,422	7,425	7,741	6,857	6,733	6,795	6,428	6,628	6,837
Bohol	386	179	227	318	317	377	349	347	468	429
Cebu	3,251	3,120	3,101	3,369	3,065	3,710	3,877	3,777	4,024	4,199
Negros Oriental	3,201	3,537	3,525	3,490	2,979	2,114	2,056	1,796	1,623	1,713
Siquijor	702	587	573	564	497	532	512	507	513	497
Eastern Visayas	2,723	2,851	2,957	3,038	3,064	3,034	3,109	2,912	2,264	2,201
Biliran	113	117	116	119	124	125	125	120	101	101
Eastern Samar	874	873	876	915	928	916	924	883	721	632
Leyte	801	836	903	922	924	901	877	748	297	311
Northern Samar	408	470	495	513	527	542	557	586	606	598
Southern Leyte	443	469	479	481	475	463	538	510	482	502
Samar (Western Samar)	84	87	89	89	86	86	88	65	57	57
Zamboanga Peninsula	6,059	5,854	5,878	5,793	5,668	5,521	5,505	5,247	5,615	6,149
Zamboanga del Norte	2,362	2,175	2,154	2,133	2,181	2,076	1,963	1,683	1,965	2,425
Zamboanga del Sur	767	726	748	740	692	760	801	928	1,022	1,048
Zamboanga Sibugay	460	451	449	442	423	418	425	406	379	373
Zamboanga City	2,470	2,503	2,528	2,478	2,371	2,268	2,317	2,231	2,249	2,303
Northern Mindanao	32,496	35,629	39,045	36,480	29,152	21,125	26,385	30,108	38,256	37,240
Bukidnon	501	729	2,306	2,972	3,012	5,136	4,640	4,375	4,253	4,177
Camiguin	22	30	47	51	61	71	68	63	72	79
Lanao del Norte	859	864	832	844	862	854	802	746	712	613
Misamis Occidental	102	127	134	136	140	142	140	125	119	119
Misamis Oriental	31,012	33,879	35,727	32,477	25,076	14,922	20,735	24,798	33,101	32,252
Davao Region	13,496	18,421	21,408	17,261	14,686	12,117	11,340	10,335	10,406	10,463
Davao del Norte	1,894	1,798	1,816	1,825	1,823	1,777	1,692	1,628	1,569	1,571
Davao del Sur	4,194	10,251	13,820	9,854	7,364	5,814	5,254	4,954	5,006	4,969
Davao Oriental	629	610	624	604	601	673	649	683	746	777
Compostela Valley	2,433	2,126	1,557	1,476	1,413	1,222	1,051	314	290	284
Davao City	4,346	3,637	3,591	3,502	3,484	2,632	2,695	2,756	2,796	2,862
SOCCSKSARGEN	44,274	47,462	58,730	59,945	62,848	65,843	67,865	67,623	69,008	67,975
North Cotabato	7,205	7,761	8,221	8,607	8,878	9,531	9,744	9,883	9,950	9,394
Sarangani	3,336	3,007	1,413	455	407	387	379	349	291	217
South Cotabato	33,427	36,403	48,792	50,557	53,217	55,568	57,404	57,060	58,445	58,045
Sultan Kudarat	306	291	304	326	347	357	338	330	322	319
Caraga	2,096	2,125	2,102	1,879	1,631	1,169	1,122	1,057	940	831
Agusan del Norte	1,112	1,178	1,243	1,025	923	658	673	536	488	436
Agusan del Sur	595	551	445	450	322	206	176	127	116	101
Dinagat Islands	..	..	..	..	..	..	..	25	16	16
Surigao del Norte	218	221	234	217	200	150	119	115	107	90
Surigao del Sur	172	176	179	186	186	156	154	255	213	187
ARMM	3,101	3,105	3,101	3,060	2,827	2,855	2,829	2,607	2,646	2,626
Basilan	448	457	466	464	465	475	477	463	446	437
Lanao del Sur	152	150	148	147	147	145	148	151	161	168
Maguindanao	1,220	1,215	1,155	1,150	974	1,010	1,052	900	972	960
Sulu	937	938	972	959	940	955	928	879	874	870
Tawi-tawi	345	345	360	339	300	269	225	214	194	191

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Pineapple										
Philippines	1,833,908	2,016,462	2,209,336	2,198,497	2,169,233	2,246,806	2,397,745	2,458,528	2,507,098	2,582,699
NCR										
CAR	709	688	711	716	683	687	712	771	805	814
Abra	48	50	50	51	52	51	52	53	68	72
Apayao	228	241	282	298	273	284	320	385	406	425
Benguet	227	221	215	213	210	209	196	198	202	199
Ifugao	49	50	55	57	55	56	59	55	58	60
Kalinga	44	45	38	36	34	36	39	35	31	29
Mountain Province	112	81	71	60	58	51	46	46	41	29
Ilocos Region	219	202	206	195	195	197	200	196	199	197
Ilocos Norte	95	89	86	70	64	65	65	65	68	68
Ilocos Sur	27	26	28	29	28	29	30	30	28	27
La Union	55	47	55	59	66	67	69	67	69	71
Pangasinan	42	40	37	37	38	36	36	35	34	30
Cagayan Valley	23,983	28,630	30,815	32,574	29,375	26,703	28,342	31,247	33,842	35,129
Batanes	..	..	..	..	..	..	118	106	68	23
Cagayan	8,284	9,112	10,100	10,311	10,910	7,938	11,355	12,941	15,816	15,223
Isabela	4,473	7,219	8,480	10,093	8,404	8,893	7,399	7,919	9,371	9,398
Nueva Vizcaya	11,146	12,203	12,123	12,049	9,969	9,765	9,385	10,182	8,492	10,397
Quirino	80	96	112	120	93	107	86	99	95	87
Central Luzon	1,248	1,292	1,363	1,406	1,452	1,439	1,463	1,457	1,620	1,657
Aurora	370	380	425	443	468	479	483	494	649	662
Bataan	506	506	496	485	486	455	460	450	448	435
Bulacan	300	335	368	406	410	426	442	460	470	507
Nueva Ecija	2	2	2	2	2	2	2	2	2	2
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	71	69	72	70	86	77	76	51	51	51
CALABARZON	82,459	84,049	86,168	88,375	87,561	86,178	86,389	88,239	85,448	88,660
Batangas	60	33	57	51	57	69	62	45	38	54
Cavite	69,612	71,411	72,808	73,544	72,621	71,558	71,600	73,408	71,601	70,552
Laguna	11,341	11,097	12,018	13,568	13,666	13,528	13,650	13,646	12,670	15,396
Quezon	1,041	1,037	728	665	697	490	537	597	626	2,156
Rizal	406	470	558	547	520	534	539	543	513	501
MIMAROPA	188	188	223	233	252	295	326	364	404	448
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	56	57	56	50	53	53	55	71	71	82
Palawan	59	62	95	110	123	162	189	208	244	277
Romblon	73	70	72	74	76	80	82	85	89	89
Bicol Region	112,211	116,816	111,530	109,967	112,205	116,123	121,735	124,961	123,412	130,595
Albay	1,006	992	1,018	1,045	1,064	972	886	782	637	622
Camarines Norte	107,338	112,241	106,555	104,789	106,877	111,048	116,670	119,834	118,492	125,630
Camarines Sur	2,765	2,669	2,821	2,860	2,903	2,817	2,825	2,784	2,736	2,724
Catanduanes	14	12	13	13	13	12	13	13	13	13
Masbate	..	..	50	91	83	90	99	105	110	107
Sorsogon	1,089	902	1,073	1,169	1,266	1,183	1,242	1,443	1,423	1,499
Western Visayas	15,042	14,776	15,184	15,424	14,317	16,263	16,308	16,258	17,054	16,847
Aklan	545	416	413	394	285	265	231	210	176	174
Antique	46	49	48	94	102	102	100	107	103	105
Capiz	143	158	185	168	194	230	250	224	211	222
Guimaras	35	37	40	40	32	33	31	35	44	37
Iloilo	9,682	9,428	9,968	10,172	9,431	11,323	11,257	11,380	12,161	12,149
Negros Occidental	4,592	4,688	4,530	4,557	4,273	4,309	4,438	4,303	4,359	4,160
Central Visayas	3,978	4,535	4,887	4,867	4,173	4,626	4,617	5,380	6,900	6,306
Bohol	718	754	794	857	896	875	897	964	910	916
Cebu	137	114	105	109	90	92	100	80	83	76
Negros Oriental	3,117	3,660	3,981	3,893	3,180	3,651	3,612	4,327	5,900	5,308
Siquijor	6	7	7	8	7	8	8	9	7	6
Eastern Visayas	6,411	6,850	7,397	7,476	7,468	7,377	7,457	7,485	6,706	7,186
Biliran	381	391	376	373	382	382	383	359	333	341
Eastern Samar	537	558	570	579	581	589	593	579	541	529
Leyte	1,874	2,014	2,032	2,091	2,028	1,940	1,991	2,029	1,442	1,811
Northern Samar	22	24	25	26	27	28	28	38	39	39
Southern Leyte	3,371	3,628	4,158	4,165	4,219	4,212	4,237	4,248	4,130	4,249
Samar (Western Samar)	226	235	236	241	232	227	225	232	221	217
Zamboanga Peninsula	2,380	2,337	2,436	2,289	1,992	1,864	1,710	1,840	1,883	1,657
Zamboanga del Norte	1,473	1,517	1,573	1,507	1,217	1,014	949	1,019	1,136	1,038
Zamboanga del Sur	464	406	452	386	406	510	435	530	454	391
Zamboanga Sibugay	389	350	345	328	297	263	215	179	180	112
Zamboanga City	55	63	66	68	72	77	111	111	114	116
Northern Mindanao	911,160	924,505	1,007,022	1,026,905	1,067,608	1,159,698	1,294,584	1,341,569	1,392,652	1,468,387
Bukidnon	906,890	919,980	1,000,895	1,014,350	1,027,875	1,118,989	1,279,000	1,328,500	1,355,200	1,420,675
Camiguin	1	1	3	6	11	5	4	3	2	2
Lanao del Norte	1,009	1,026	1,174	1,135	1,028	990	953	955	965	951
Misamis Occidental	16	15	15	14	15	10	11	11	10	10
Misamis Oriental	3,245	3,484	4,935	11,400	38,678	39,704	14,616	12,099	36,475	46,750
Davao Region	19,411	22,452	22,303	22,440	22,840	25,306	28,162	28,079	28,097	26,880
Davao del Norte	185	209	221	222	222	209	198	194	205	210
Davao del Sur	50	38	34	31	30	28	29	28	29	30
Davao Oriental	261	241	226	211	202	200	184	164	165	159
Compostela Valley	922	875	859	822	795	579	486	225	148	129
Davao City	17,994	21,089	20,964	21,154	21,591	24,289	27,264	27,468	27,550	26,353
SOCCSKSARGEN	649,301	803,761	913,280	879,836	813,251	794,841	800,055	806,076	804,254	794,334
North Cotabato	232	197	175	173	161	165	168	173	471	639
Sarangani	36,564	114,882	172,716	123,874	58,429	35,451	33,134	32,155	28,794	21,859
South Cotabato	612,458	688,635	740,349	755,767	754,639	759,074	760,489	765,701	769,286	765,214
Sultan Kudarat	48	48	40	22	21	151	6,264	8,047	5,703	6,622
Caraga	4,167	4,345	4,738	4,684	4,725	4,136	4,648	3,542	2,810	2,682
Agusan del Norte	2,207	2,331	2,849	2,967	2,930	2,725	3,270	1,988	1,422	1,283
Agusan del Sur	1,159	1,244	1,104	940	1,157	914	991	1,111	993	1,000
Dinagat Islands	..	..	..	..	..	..	..	..	8	7
Surigao del Norte	385	325	326	340	275	172	72	84	46	41
Surigao del Sur	415	445	460	438	363	325	315	360	342	350
ARMM	1,040	1,037	1,072	1,109	1,135	1,072	1,039	1,065	1,012	921
Basilan	78	80	82	81	81	82	83	81	80	78
Lanao del Sur	728	728	767	780	867	826	812	860	818	740
Maguindanao	8	8	8	60	10	5	4	3	3	4
Sulu	88	85	83	78	72	71	65	60	58	56
Tawi-tawi	137	136	133	109	105	88	75	61	53	44

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Rambutan										
Philippines	13,405	14,915	8,553	9,435	12,743	6,271	7,189	7,440	6,479	8,723
NCR										
CAR	30	37	40	41	43	31	46	46	64	80
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	29	36	39	40	42	30	43	43	56	60
Benguet	..	..	..	..	..	..	..	..	..	14
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1	1	1	1	1	1	3	4	7	6
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	53	60	65	62	69	76	84	88	94	96
Ilocos Norte	..	..	0	0	0	1	1	1	1	1
Ilocos Sur	52	59	64	60	67	73	81	85	90	92
La Union	1	1	1	1	2	2	2	2	3	3
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	250	323	376	384	434	422	408	364	419	452
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	5	13	12	13	13	14	15
Isabela	21	23	24	22	46	31	33	40	55	58
Nueva Vizcaya	229	300	353	356	375	378	361	297	336	367
Quirino	..	..	..	..	..	..	..	13	15	13
Central Luzon	12	15	20	23	27	25	24	64	63	54
Aurora	12	15	20	23	27	25	24	18	19	8
Bataan	..	..	..	..	..	..	..	..	3	3
Bulacan	..	..	..	..	..	..	..	10	11	12
Nueva Ecija	..	..	..	..	..	..	..	36	30	31
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	7,495	6,221	4,419	4,168	4,384	2,700	2,775	2,926	1,589	1,618
Batangas	69	137	97	92	109	110	119	133	15	19
Cavite	9	9	9	11	10	10	14	14	12	13
Laguna	7,402	6,060	4,301	4,053	4,254	2,569	2,577	2,706	1,497	1,516
Quezon	15	15	13	11	12	10	65	72	63	68
Rizal	..	..	..	1	1	1	1	1	1	2
MIMAROPA	364	354	338	335	362	342	364	381	363	391
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	322	311	277	276	299	281	300	315	288	314
Palawan	42	43	62	60	63	61	64	66	75	78
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	18	17	18	19	21	20	28	28	23	24
Albay	10	9	10	10	11	10	17	17	13	14
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	1	1	1	1	1	1	1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	8	8	8	9	9	9	9	9	8	9
Western Visayas	129	166	99	154	194	121	168	182	168	176
Aklan	43	69	7	53	89	43	59	61	62	64
Antique	..	2	1	2	2	2	2	2	2	2
Capiz	20	25	24	29	32	27	30	24	14	19
Guimaras	0	0	0	0	1	1	1	1	1	1
Iloilo	3	4	3	6	5	4	8	21	15	12
Negros Occidental	62	67	64	63	66	44	69	74	74	79
Central Visayas	4	5	6	58	84	46	41	55	56	83
Bohol	..	..	..	..	24	11	11	17	15	17
Cebu	..	..	..	..	..	..	0	2	3	12
Negros Oriental	4	5	6	58	60	35	29	36	38	54
Siquijor	..	..	..	..	..	..	..	..	..	1
Eastern Visayas	10	14	14	16	17	15	26	24	7	7
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	2	2	2	2	2	3	2	2	2
Leyte	3	4	5	6	7	7	6	7	3	3
Northern Samar	..	0	0	0	0	0	0	0	0	0
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	7	8	7	7	7	6	17	15	2	2
Zamboanga Peninsula	309	339	194	347	924	290	342	191	345	1,908
Zamboanga del Norte	121	138	13	142	758	186	231	20	95	1,602
Zamboanga del Sur	167	182	177	200	156	100	103	149	167	177
Zamboanga Sibugay	20	18	3	3	9	4	6	19	81	127
Zamboanga City	1	1	1	1	1	1	1	2	2	2
Northern Mindanao	331	373	206	317	369	269	178	334	380	444
Bukidnon	280	320	155	256	290	208	106	237	258	290
Camiguin	1	1	1	2	3	2	4	4	4	5
Lanao del Norte	13	13	12	12	14	12	14	15	16	22
Misamis Occidental	26	26	28	36	44	43	47	49	57	65
Misamis Oriental	10	12	10	11	18	5	8	29	45	62
Davao Region	1,598	2,248	1,223	1,429	1,833	859	985	947	920	1,082
Davao del Norte	312	444	295	351	488	424	342	390	435	514
Davao del Sur	36	234	177	209	239	154	165	169	184	195
Davao Oriental	2	2	27	30	32	37	30	19	23	25
Compostela Valley	890	1,134	362	482	678	230	150	37	50	69
Davao City	358	434	363	358	396	14	298	332	228	279
SOCCSKSARGEN	2,689	4,639	1,431	1,976	3,844	996	1,503	1,600	1,652	1,531
North Cotabato	2,486	4,201	1,097	1,596	3,433	623	1,114	1,195	1,196	1,059
Sarangani	8	9	10	11	19	21	24	26	26	27
South Cotabato	163	395	303	345	366	341	346	358	407	422
Sultan Kudarat	33	34	22	23	25	11	19	20	23	24
Caraga	96	83	87	88	118	51	206	195	315	751
Agusan del Norte	6	8	7	7	11	4	7	5	24	29
Agusan del Sur	71	53	57	51	77	34	183	159	236	669
Dinagat Islands	..	..	..	..	..	..	..	0	0	0
Surigao del Norte	4	5	5	5	4	3	3	2	6	7
Surigao del Sur	15	18	17	25	26	9	13	29	49	45
ARMM	18	21	16	19	21	7	13	15	22	27
Basilan	1	3	..	0	1	..	..	..	7	9
Lanao del Sur	16	16	16	18	18	7	12	13	12	13
Maguindanao	1	2	..	1	1	..	1	1	3	4
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	0	0	0	0	..	..	1	0	0

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tamarind Fruit										
Philippines	12,491	11,804	11,052	10,063	9,032	8,122	7,921	7,782	7,558	7,436
NCR										
CAR	..	12	13	13	13	13		14	8	9
Abra	..	12	13	13	13	14	14	14	8	9
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	2,722	2,635	2,568	2,489	2,556	2,525	2,552	2,577	2,584	2,593
Ilocos Norte	1,622	1,590	1,579	1,571	1,610	1,640	1,662	1,662	1,632	1,586
Ilocos Sur	364	344	333	288	305	296	318	337	355	382
La Union	113	121	112	102	98	87	82	77	73	71
Pangasinan	623	579	544	528	544	502	490	501	524	554
Cagayan Valley	4,105	3,796	3,555	2,984	2,109	1,558	1,409	1,441	1,304	1,388
Batanes	..	..	..	..	..	..	3	3	2	1
Cagayan	1,751	1,364	1,107	836	740	670	704	739	680	721
Isabela	1,381	1,542	1,552	1,553	807	517	435	444	428	444
Nueva Vizcaya	800	550	552	407	381	297	185	176	120	148
Quirino	173	340	344	188	181	74	83	78	75	74
Central Luzon	2,200	2,148	1,857	1,730	1,677	1,620	1,595	1,573	1,600	1,407
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	607	568	397	302	281	273	270	260	270	284
Nueva Ecija	86	89	90	91	91	90	92	89	102	104
Pampanga	17	18	16	17	14	16	16	17	15	16
Tarlac	842	872	853	858	846	838	839	837	837	633
Zambales	648	601	501	463	446	403	379	370	377	371
CALABARZON	261	161	156	152	139	106	108	112	94	98
Batangas	67	53	56	60	55	25	30	35	21	26
Cavite	39	24	21	19	14	14	15	14	15	9
Laguna	13	12	11	11	10	11	11	11	9	8
Quezon	111	47	43	40	39	36	33	32	30	33
Rizal	31	26	25	22	20	20	19	21	19	23
MIMAROPA	205	190	191	193	196	196	201	189	179	173
Marinduque	35	25	26	26	27	27	28	28	28	28
Occidental Mindoro	47	46	50	53	54	57	65	65	63	62
Oriental Mindoro	4	4	4	4	4	3	3	3	4	3
Palawan	58	59	58	55	58	56	56	45	46	48
Romblon	61	56	54	55	54	53	49	47	38	33
Bicol Region	155	148	157	163	168	165	163	165	155	160
Albay	38	38	38	39	40	39	35	34	32	31
Camarines Norte	19	19	19	19	19	19	20	21	21	21
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	1	1	1	1	1	1	1	1	1	1
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	98	90	99	104	108	106	107	110	102	106
Western Visayas	81	92	93	87	82	82	80	72	68	66
Aklan	0	0	0	0	0	0	0	0	0	0
Antique	3	4	3	2	2	2	2	2	2	1
Capiz	3	3	4	4	4	4	4	3	3	3
Guimaras	31	31	32	31	28	30	32	29	27	26
Iloilo	24	33	33	30	28	26	25	24	22	22
Negros Occidental	21	21	21	20	19	19	17	14	14	13
Central Visayas	768	624	484	351	320	220	208	137	119	96
Bohol	304	324	245	201	208	127	121	53	49	28
Cebu	50	61	49	46	42	41	49	55	55	59
Negros Oriental	409	233	186	101	68	50	37	28	14	8
Siquijor	5	6	3	2	3	2	2	1	1	1
Eastern Visayas	44	48	49	50	50	48	47	42	31	32
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	..	3	3	3	3	3	3	3	2	2
Leyte	18	19	19	20	19	19	18	15	7	7
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	20	21	21	21	21	21	21	21	20	21
Samar (Western Samar)	5	5	5	5	5	4	3	3	2	2
Zamboanga Peninsula	305	295	269	245	212	190	179	157	150	153
Zamboanga del Norte	236	226	201	182	152	137	127	108	102	108
Zamboanga del Sur	29	28	29	25	25	20	18	15	14	14
Zamboanga Sibugay	10	9	9	8	7	7	9	8	7	6
Zamboanga City	31	32	31	30	29	26	26	26	26	25
Northern Mindanao	62	62	58	47	41	31	27	21	18	17
Bukidnon	3	9	10	11	13	10	6	6	5	4
Camiguin	1	0	0	0	0	0	1	1	1	1
Lanao del Norte	6	5	4	4	4	3	4	4	4	4
Misamis Occidental	3	2	3	3	4	4	4	4	5	5
Misamis Oriental	50	45	40	29	21	13	12	7	3	3
Davao Region	1,312	1,332	1,329	1,285	1,208	1,127	1,103	1,043	1,012	1,015
Davao del Norte	55	53	55	52	56	49	51	54	55	58
Davao del Sur	1,107	1,124	1,095	1,067	986	924	898	885	867	870
Davao Oriental	22	22	22	22	24	22	21	24	25	25
Compostela Valley	105	109	112	99	97	100	89	34	27	27
Davao City	23	24	44	44	45	31	43	46	38	35
SOCCSKSARGEN	245	241	252	261	252	241	235	236	235	228
North Cotabato	132	126	135	139	126	112	105	96	91	86
Sarangani	35	37	38	41	42	43	44	50	53	51
South Cotabato	43	45	41	42	44	45	43	44	46	46
Sultan Kudarat	35	33	39	40	41	41	43	45	46	45
Caraga	13	13	13	12	6	..	..	1	..	0
Agusan del Norte	2	2	2	2	1	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	10	9	10	10	4	..	..	..	..	0
Surigao del Sur	1	1	1	1	0	..	..	1	..	..
ARMM	10	9	9	1	1	..	..	1	1	0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	10	9	9	1	1	..	..	0	0	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	1	0	0

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Watermelon										
Philippines	117,254	125,863	103,248	97,106	110,238	101,524	105,095	130,005	131,530	148,030
NCR										
CAR	366	372	373	377	378	376	375	372	118	141
Abra	366	372	373	377	378	376	375	372	118	141
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	35,759	32,536	27,504	23,846	22,247	24,567	23,840	23,865	24,707	26,936
Ilocos Norte	3,415	3,447	3,598	3,791	4,000	4,114	4,305	4,526	4,629	4,824
Ilocos Sur	774	812	819	718	862	738	803	870	898	903
La Union	266	296	310	277	318	284	401	428	469	740
Pangasinan	31,305	27,981	22,776	19,060	17,067	19,430	18,331	18,041	18,711	20,468
Cagayan Valley	6,213	12,706	13,499	10,419	10,451	9,541	10,353	11,539	7,097	7,416
Batanes	..	..	..	..	..	..	54	56	30	10
Cagayan	5,405	11,359	12,009	9,198	9,506	8,369	8,653	10,130	5,784	6,046
Isabela	778	1,331	1,480	1,206	945	1,164	1,641	1,351	1,282	1,354
Nueva Vizcaya	30	15	9	15	..	8	5	2	1	7
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	10,577	12,109	7,171	6,259	7,233	6,505	6,548	7,538	6,767	7,103
Aurora	3	4	4	5	6	6	7	33	21	22
Bataan	1,946	1,957	1,928	1,695	1,786	1,647	1,575	1,370	1,302	1,246
Bulacan	2,830	4,180	1,400	850	1,810	1,201	1,164	2,167	1,095	1,521
Nueva Ecija	3,979	4,212	2,217	2,228	2,250	2,245	2,236	2,254	2,265	2,302
Pampanga	499	500	498	485	435	485	548	560	585	513
Tarlac	359	377	368	372	357	361	299	310	581	578
Zambales	961	880	756	624	590	560	720	844	918	920
CALABARZON	3,146	3,672	3,142	2,693	3,454	2,581	2,876	2,755	2,951	2,950
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	57	54	60	47	55	51	598	633	688	314
Laguna	2,293	2,775	2,245	1,791	2,440	1,582	1,440	1,230	1,294	1,724
Quezon	526	566	538	564	610	600	491	543	615	497
Rizal	270	277	299	292	348	348	347	348	354	415
MIMAROPA	2,009	2,028	2,101	2,119	2,298	2,338	2,542	2,644	2,934	3,192
Marinduque	349	347	320	314	309	292	276	259	268	273
Occidental Mindoro	134	141	166	161	167	177	191	273	340	343
Oriental Mindoro	165	175	173	180	234	200	319	249	243	279
Palawan	1,258	1,263	1,344	1,364	1,484	1,563	1,648	1,753	1,969	2,182
Romblon	103	101	98	100	105	106	108	110	114	115
Bicol Region	7,455	8,002	4,053	3,682	4,671	5,104	5,341	5,421	5,424	5,598
Albay	145	141	123	129	134	123	113	105	95	98
Camarines Norte	7,231	7,687	3,890	3,510	4,476	4,927	5,175	5,252	5,248	5,409
Camarines Sur	43	135	3	0	14	9	3	3	12	11
Catanduanes	8	8	7	7	7	7	7	7	8	7
Masbate	3	3	4	4	4	4	4	5	6	5
Sorsogon	26	28	25	32	35	34	39	48	56	67
Western Visayas	42,781	44,663	36,098	38,380	49,140	42,929	44,635	66,494	71,516	83,876
Aklan	61	282	180	205	250	214	194	80	111	190
Antique	937	933	786	617	716	607	514	534	552	570
Capiz	36	58	62	96	112	104	99	106	115	148
Guimaras	61	57	53	77	82	75	109	120	126	131
Iloilo	41,118	42,613	34,460	36,870	47,355	41,284	43,209	65,119	70,069	82,296
Negros Occidental	568	720	556	515	625	645	511	534	544	541
Central Visayas	982	1,050	1,398	1,367	1,438	818	883	996	1,072	1,167
Bohol	849	947	1,300	1,266	1,348	785	807	902	962	1,052
Cebu	7	23	24	39	40	26	62	75	93	102
Negros Oriental	119	65	57	49	42	..	..	6	5	5
Siquijor	7	15	17	14	8	7	15	12	11	8
Eastern Visayas	643	676	681	674	799	778	776	721	648	700
Biliran	67	57	72	63	35	35	35	32	26	26
Eastern Samar	27	30	33	34	36	36	40	41	34	36
Leyte	320	337	327	318	316	306	300	231	184	209
Northern Samar	17	34	36	37	37	39	40	41	43	47
Southern Leyte	105	107	113	118	249	247	244	257	243	254
Samar (Western Samar)	106	112	100	105	125	116	117	119	118	129
Zamboanga Peninsula	1,149	1,152	889	838	998	665	543	532	487	638
Zamboanga del Norte	355	364	157	115	192	78	26	33	26	180
Zamboanga del Sur	644	649	592	589	663	468	408	420	397	416
Zamboanga Sibugay	148	136	137	132	141	117	105	76	61	29
Zamboanga City	3	3	3	2	2	2	3	3	3	13
Northern Mindanao	1,015	1,158	1,011	1,030	1,241	1,129	1,278	1,503	1,890	2,024
Bukidnon	61	154	123	109	99	87	87	135	130	96
Camiguin	7	11	29	39	35	10	9	13	19	27
Lanao del Norte	806	848	714	711	845	900	970	1,020	1,030	1,171
Misamis Occidental	47	48	60	69	86	92	99	111	131	144
Misamis Oriental	93	96	85	103	176	40	113	224	580	586
Davao Region	764	995	1,037	1,063	1,023	970	964	875	1,096	1,070
Davao del Norte	95	104	100	82	102	104	115	117	134	167
Davao del Sur	149	176	290	338	357	379	392	373	379	372
Davao Oriental	126	308	233	218	203	196	184	133	276	228
Compostela Valley	59	59	41	45	45	51	50	42	92	95
Davao City	335	349	372	380	317	241	224	209	215	208
SOCCSKSARGEN	1,529	1,671	1,352	1,341	1,816	1,276	1,398	1,761	1,982	2,132
North Cotabato	415	431	420	422	434	372	366	327	366	378
Sarangani	112	75	44	27	67	57	62	83	93	75
South Cotabato	524	582	459	612	1,018	622	710	780	967	1,120
Sultan Kudarat	478	583	429	280	297	225	259	571	556	558
Caraga	2,710	2,919	2,814	2,902	2,900	1,914	2,697	2,943	2,794	3,010
Agusan del Norte	107	116	121	103	105	66	681	615	526	446
Agusan del Sur	154	280	174	175	277	82	69	77	264	338
Dinagat Islands	..	..	..	..	..	..	..	348	284	243
Surigao del Norte	2,291	2,360	2,349	2,425	1,939	1,439	1,686	1,561	1,314	1,699
Surigao del Sur	158	163	170	199	580	327	262	342	406	283
ARMM	156	152	127	115	153	33	45	47	47	80
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	10	10	10	9	12	13	11	13	13	15
Maguindanao	133	130	106	106	140	20	34	34	34	65
Sulu	12	12	11	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Asparagus										
Philippines	21,938	14,845	11,891	7,121	4,637	3,443	4,106	3,213	2,939	2,742
NCR										
CAR	3	2	1	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	3	2	1	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1	..	..	0	1	2	2	2	2	3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	1	..	..	0	1	2	2	2	2	3
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1	2	2	2	2	2	2	2	2	1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	1	2	2	2	2	2	2	2	2	1
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	1	2	5	4	4	4	4	4	4	2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	1	2	5	4	4	4	4	4	4	2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	651	584	18	15	8	3	..	..	..	..
Bukidnon	651	584	18	15	8	3	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	21,280	14,256	11,865	7,100	4,623	3,433	4,098	3,205	2,932	2,735
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	1,500	..	..	..	..	..	..	..	..	..
South Cotabato	19,780	14,256	11,865	7,100	4,623	3,433	4,098	3,205	2,932	2,735
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Ampalaya										
Philippines	77,894	83,144	85,385	86,498	88,437	86,599	87,090	89,887	90,111	88,918
NCR										
CAR	440	444	447	454	454	455	472	491	471	475
Abra	307	313	316	323	328	328	332	326	302	308
Apayao	9	9	9	8	8	8	15	24	30	35
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	67	67	65	65	56	56	56	56	57	59
Kalinga	54	52	53	55	58	59	66	81	79	73
Mountain Province	3	4	4	4	4	4	4	4	4	..
Ilocos Region	8,677	9,604	10,403	9,860	9,915	9,629	9,618	9,844	9,942	9,992
Ilocos Norte	2,686	2,841	2,889	2,809	2,854	2,915	2,998	3,133	3,095	3,118
Ilocos Sur	1,310	1,613	2,010	1,791	1,926	1,917	1,969	2,013	1,982	2,040
La Union	1,661	1,925	1,934	1,845	1,775	1,763	1,738	1,785	1,970	2,041
Pangasinan	3,020	3,225	3,571	3,415	3,360	3,033	2,913	2,913	2,894	2,792
Cagayan Valley	6,378	7,317	7,824	7,600	6,450	6,610	6,669	6,894	6,572	6,234
Batanes	..	..	..	..	..	..	31	24	22	12
Cagayan	1,299	2,025	2,313	2,081	1,691	1,772	1,888	1,974	1,918	1,639
Isabela	3,034	3,151	3,267	3,509	3,136	3,368	3,360	3,542	3,226	3,264
Nueva Vizcaya	1,766	1,880	1,989	1,731	1,374	1,261	1,185	1,151	1,194	1,120
Quirino	280	262	256	280	249	210	206	204	212	198
Central Luzon	24,367	25,250	24,953	24,991	25,750	25,034	25,281	25,141	25,305	25,554
Aurora	165	171	178	175	182	182	182	171	196	198
Bataan	105	107	108	108	109	112	111	117	148	148
Bulacan	2,783	3,477	3,743	3,674	3,979	3,999	4,025	3,922	4,144	4,282
Nueva Ecija	12,582	12,695	12,190	12,307	12,998	12,821	12,977	13,125	12,870	13,001
Pampanga	7,105	7,108	7,103	7,081	6,996	6,648	6,685	6,555	6,601	6,578
Tarlac	1,437	1,468	1,411	1,411	1,258	1,040	1,044	989	1,023	990
Zambales	190	224	220	235	228	232	257	262	323	356
CALABARZON	19,130	19,926	20,816	22,337	24,004	24,030	24,224	24,194	22,315	21,272
Batangas	1,809	2,285	2,338	3,015	4,579	6,043	5,540	5,644	5,779	5,263
Cavite	3,005	3,136	3,148	3,121	3,133	3,019	3,109	3,049	2,761	2,671
Laguna	1,604	1,619	1,566	1,686	1,674	1,699	1,612	1,617	1,157	1,312
Quezon	12,588	12,757	13,631	14,380	14,489	13,139	13,830	13,748	12,478	11,869
Rizal	124	130	132	134	129	131	133	137	140	157
MIMAROPA	447	448	490	506	536	562	598	872	1,048	1,164
Marinduque	158	157	158	162	155	156	161	165	162	175
Occidental Mindoro	123	124	141	138	147	141	148	236	249	309
Oriental Mindoro	49	47	45	42	47	49	50	146	212	198
Palawan	22	24	47	60	79	102	126	206	291	345
Romblon	94	96	99	105	109	114	114	118	134	136
Bicol Region	1,587	2,841	2,884	2,919	2,895	2,816	2,940	3,095	2,746	2,695
Albay	758	815	845	825	842	806	873	944	664	626
Camarines Norte	308	340	334	327	309	300	315	325	301	311
Camarines Sur	398	962	957	987	940	899	910	919	907	920
Catanduanes	16	16	16	15	16	16	16	16	16	15
Masbate	35	628	644	660	667	666	692	769	740	702
Sorsogon	72	80	88	104	121	129	135	122	119	121
Western Visayas	2,209	2,386	2,348	2,455	2,653	2,720	2,719	2,635	2,726	2,809
Aklan	226	237	258	270	277	275	270	234	211	199
Antique	261	329	308	265	294	299	319	299	316	329
Capiz	389	396	426	378	419	438	481	456	457	526
Guimaras	122	132	154	159	164	167	176	175	175	193
Iloilo	679	738	667	768	830	852	801	811	889	884
Negros Occidental	532	554	535	615	668	689	671	660	678	678
Central Visayas	3,823	3,779	3,927	3,945	4,155	3,227	2,811	3,721	4,119	3,971
Bohol	1,707	1,735	1,871	1,932	2,212	1,316	878	918	1,144	1,130
Cebu	1,478	1,381	1,384	1,366	1,344	1,329	1,379	1,319	1,446	1,370
Negros Oriental	600	614	620	588	546	522	498	1,428	1,472	1,414
Siquijor	38	50	53	59	52	60	56	57	57	57
Eastern Visayas	1,067	1,128	1,144	1,165	1,177	1,180	1,196	1,182	1,083	1,119
Biliran	59	63	63	65	71	71	71	71	67	67
Eastern Samar	33	34	33	34	34	34	34	29	27	21
Leyte	681	702	693	704	713	714	726	719	624	663
Northern Samar	49	76	97	100	103	106	109	114	119	117
Southern Leyte	112	116	119	121	123	124	126	130	127	135
Samar (Western Samar)	134	137	140	142	134	131	130	119	120	115
Zamboanga Peninsula	2,802	2,647	2,689	2,727	2,717	2,679	2,719	3,619	5,294	5,248
Zamboanga del Norte	219	215	231	244	247	265	270	308	317	314
Zamboanga del Sur	414	394	397	368	339	316	321	540	732	772
Zamboanga Sibugay	140	138	137	142	138	130	139	150	165	166
Zamboanga City	2,030	1,900	1,924	1,973	1,994	1,967	1,989	2,621	4,081	3,996
Northern Mindanao	1,926	2,185	2,312	2,350	2,449	2,651	2,736	2,828	2,922	2,882
Bukidnon	409	418	425	445	436	460	475	497	500	505
Camiguin	4	15	24	27	36	40	40	36	35	41
Lanao del Norte	273	447	456	471	489	502	513	525	528	523
Misamis Occidental	240	240	282	301	317	339	343	355	356	360
Misamis Oriental	1,000	1,065	1,124	1,107	1,171	1,310	1,365	1,415	1,504	1,453
Davao Region	2,623	2,649	2,603	2,585	2,632	2,530	2,504	2,608	2,803	2,802
Davao del Norte	292	294	295	290	286	278	281	281	285	288
Davao del Sur	489	477	475	479	487	467	476	475	499	500
Davao Oriental	367	354	349	345	345	328	337	337	359	354
Compostela Valley	735	784	800	798	835	837	756	851	972	972
Davao City	741	739	684	674	678	619	655	663	688	688
SOCCSKSARGEN	1,372	1,399	1,440	1,500	1,508	1,533	1,546	1,607	1,599	1,511
North Cotabato	830	862	869	891	909	929	953	988	993	913
Sarangani	109	111	98	100	91	97	95	95	95	102
South Cotabato	139	133	179	199	188	199	185	213	210	196
Sultan Kudarat	294	293	295	311	319	308	314	312	302	300
Caraga	755	847	807	813	853	656	754	851	866	885
Agusan del Norte	132	151	139	125	131	124	153	204	211	175
Agusan del Sur	367	406	370	387	399	355	411	455	466	514
Dinagat Islands	..	..	..	..	..	..	..	8	5	4
Surigao del Norte	65	68	63	66	72	30	45	32	31	25
Surigao del Sur	191	222	235	235	251	147	145	153	153	167
ARMM	291	295	296	290	291	288	303	305	299	305
Basilan	26	26	26	24	24	24	24	25	24	24
Lanao del Sur	100	101	100	102	103	100	109	114	108	113
Maguindanao	100	101	99	94	93	90	92	92	93	95
Sulu	32	32	34	34	37	40	42	42	43	43
Tawi-tawi	33	35	37	37	34	34	36	33	31	30

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brocolli										
Philippines	2,265	2,370	2,602	2,685	2,699	2,881	2,994	3,026	3,064	2,911
NCR										
CAR	1,712	1,786	1,852	1,858	1,847	1,864	1,919	1,948	1,984	1,890
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,712	1,775	1,840	1,846	1,847	1,831	1,859	1,887	1,922	1,852
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	11	12	12	..	33	60	62	62	39
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	16	24	17	16	16
Batanes	..	..	..	..	..	..	3	2	2	2
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	16	22	15	14	14
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	3	3	8	4	1	1	1	7	0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	3	3	8	4	1	1	1	7	0
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	2	3	3	3	3	7	8	8	7	12
Aklan	0	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	2	3	3	3	3	7	8	8	7	12
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	32	31	96	126	161	204	246	222	167	169
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	6	5	4	4	1	0	..	..	..	..
Negros Oriental	26	26	92	121	160	204	246	222	167	169
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	518	546	640	680	675	780	786	821	872	812
Bukidnon	509	537	625	670	650	735	750	790	815	765
Camiguin	0	0	0	0	0	..	..	0	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	2
Misamis Oriental	9	9	15	10	25	45	36	31	57	45
Davao Region	..	..	6	8	8	8	8	8	10	10
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	6	8	8	8	8	8	10	10
SOCCSKSARGEN	..	2	2	2	1	1	2	2	2	2
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	2	2	2	1	1	2	2	2	2
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cabbage										
Philippines	91,243	123,443	128,865	124,712	128,964	125,310	126,381	127,464	127,987	125,752
NCR										
CAR	68,887	99,957	102,894	99,155	102,344	98,943	99,362	99,958	99,520	97,307
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	58,391	80,309	84,547	84,246	88,797	85,207	85,481	85,874	85,139	84,472
Ifugao	147	375	560	538	497	490	501	504	510	505
Kalinga	15	15	15	15	17	19	21	28	26	30
Mountain Province	10,334	19,259	17,772	14,356	13,033	13,227	13,359	13,552	13,844	12,300
Ilocos Region	2,718	2,752	2,790	2,539	2,887	3,012	3,044	3,160	3,215	3,257
Ilocos Norte	127	131	133	135	138	137	136	143	147	142
Ilocos Sur	2,587	2,617	2,649	2,396	2,742	2,867	2,901	3,009	3,059	3,106
La Union	4	5	7	8	7	8	8	8	9	8
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	1,053	1,440	1,436	1,390	1,360	1,274	1,228	1,184	1,189	1,537
Batanes	..	..	..	..	..	..	24	19	18	19
Cagayan	148	361	425	486	572	535	505	512	506	849
Isabela	163	121	94	71	37	25	12	4	20	23
Nueva Vizcaya	741	959	917	833	751	714	686	649	645	646
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	5	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	5	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	810	1,102	1,037	866	863	848	853	797	828	761
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	524	805	772	564	551	586	598	578	597	545
Quezon	286	297	265	302	312	262	255	219	232	215
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	16	15	26	26	28	28	28	29	30	33
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	16	15	26	26	28	28	28	29	30	33
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	410	333	332	301	283	265	256	239	187	112
Albay	216	217	217	210	199	184	177	165	117	105
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	187	108	107	83	77	74	72	67	64	1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	7	8	8	7	7	6	7	7	6	7
Western Visayas	510	548	538	476	477	484	488	451	441	484
Aklan	0	..	..	..	..	..	..	..	..	..
Antique	48	62	57	49	50	56	61	56	56	49
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	299	326	324	275	270	269	275	258	248	300
Negros Occidental	163	160	156	153	157	160	152	137	137	135
Central Visayas	5,846	6,251	6,524	6,828	7,786	7,947	8,199	8,519	8,688	8,500
Bohol	28	2	0	..	..	..	..	..	..	..
Cebu	4,563	4,933	5,201	5,200	5,877	5,991	5,921	6,214	6,418	6,124
Negros Oriental	1,255	1,317	1,322	1,628	1,910	1,957	2,278	2,303	2,270	2,374
Siquijor	..	..	..	..	0	..	..	1	0	1
Eastern Visayas	160	159	194	196	188	181	180	149	133	138
Biliran	94	90	93	97	90	86	86	85	80	80
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	41	42	75	75	75	73	73	54	45	51
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	25	26	25	24	23	22	20	11	8	7
Zamboanga Peninsula	301	297	298	311	314	317	326	534	773	793
Zamboanga del Norte	35	30	31	33	32	29	27	47	48	48
Zamboanga del Sur	43	44	45	46	45	46	47	135	182	195
Zamboanga Sibugay	12	12	12	13	13	13	13	10	10	10
Zamboanga City	211	212	210	219	224	229	238	342	533	540
Northern Mindanao	3,052	3,567	5,581	5,995	5,736	5,752	6,091	6,297	6,710	6,672
Bukidnon	2,394	2,787	4,670	5,040	4,795	4,835	5,075	5,136	5,300	5,350
Camiguin	0	1	4	0	..	..	..	..	2	1
Lanao del Norte	181	190	192	183	185	168	143	129	108	100
Misamis Occidental	145	233	281	329	359	406	433	445	458	448
Misamis Oriental	332	356	434	443	397	343	440	587	842	773
Davao Region	5,100	4,661	4,850	4,468	4,522	4,212	4,215	4,144	4,247	4,266
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	2,764	2,799	2,835	2,561	2,620	2,635	2,744	2,766	2,880	2,887
Davao Oriental	16	14	13	12	11	10	1	..	..	..
Compostela Valley	387	325	310	282	272	210	150	100	78	80
Davao City	1,934	1,523	1,692	1,614	1,618	1,357	1,320	1,278	1,288	1,299
SOCCSKSARGEN	1,397	1,437	1,498	1,483	1,545	1,564	1,641	1,532	1,564	1,430
North Cotabato	927	963	994	998	1,071	1,087	1,117	1,006	1,034	897
Sarangani	193	199	153	110	95	69	66	56	51	43
South Cotabato	250	264	335	356	350	368	401	412	422	435
Sultan Kudarat	28	11	16	20	29	40	56	57	57	56
Caraga	219	211	199	135	77	18	21	11	4	3
Agusan del Norte	106	119	115	93	55	..	1	..	..	..
Agusan del Sur	63	57	49	32	19	17	19	11	4	3
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	50	35	35	10	3	1	1	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	764	709	671	544	556	465	450	459	460	459
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	59	58	57	56	55	54	57	62	61	59
Maguindanao	705	651	614	488	502	412	393	397	399	400
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Sweet Potato/Camote										
Philippines	566,773	573,734	572,655	560,516	541,265	516,338	516,907	528,250	519,855	535,996
NCR										
CAR	17,301	17,279	17,353	17,187	16,520	15,976	15,711	15,560	15,610	15,142
Abra	626	635	641	650	657	645	652	660	684	695
Apayao	52	65	70	73	65	64	74	104	132	147
Benguet	6,928	6,699	6,806	6,798	6,423	6,005	5,645	5,552	5,670	5,571
Ifugao	7,419	7,425	7,419	7,378	7,328	7,324	7,342	7,182	7,251	6,989
Kalinga	132	139	163	165	169	172	182	225	224	221
Mountain Province	2,145	2,316	2,254	2,122	1,879	1,766	1,817	1,838	1,649	1,520
Ilocos Region	16,261	16,365	15,320	15,169	15,516	15,256	14,977	14,955	15,142	14,563
Ilocos Norte	1,771	1,795	1,817	1,822	1,861	1,898	1,952	2,012	2,062	2,092
Ilocos Sur	1,111	1,057	1,050	1,097	1,114	1,172	1,222	1,263	1,251	1,144
La Union	1,455	1,804	2,170	2,158	2,384	2,529	2,900	3,238	3,614	3,785
Pangasinan	11,924	11,708	10,284	10,092	10,157	9,657	8,903	8,442	8,214	7,542
Cagayan Valley	17,037	16,575	15,886	13,574	11,068	11,063	10,900	10,373	8,558	8,276
Batanes	..	..	..	..	..	..	542	520	473	469
Cagayan	2,293	3,644	2,944	2,393	2,150	2,409	2,593	2,725	2,972	3,200
Isabela	8,836	6,186	6,178	4,997	2,982	2,660	2,035	1,381	727	564
Nueva Vizcaya	5,800	6,595	6,594	5,978	5,751	5,814	5,536	5,556	4,196	3,798
Quirino	108	150	170	205	186	180	195	192	191	244
Central Luzon	30,997	31,558	31,555	31,685	31,544	30,004	31,196	31,027	32,822	47,309
Aurora	2,248	2,250	2,282	2,275	2,362	2,243	2,262	2,268	2,320	2,414
Bataan	1,631	1,633	1,635	1,540	1,545	1,542	1,515	1,378	2,161	2,746
Bulacan	679	561	610	636	708	717	718	746	773	763
Nueva Ecija	991	1,062	1,098	1,112	1,114	1,109	1,106	1,104	1,170	1,164
Pampanga	2,513	2,519	2,508	2,475	2,452	2,475	2,500	2,714	2,743	2,779
Tarlac	21,932	22,336	22,325	22,143	21,943	20,381	21,361	21,006	21,727	35,109
Zambales	1,004	1,198	1,098	1,505	1,420	1,539	1,735	1,812	1,929	2,335
CALABARZON	40,133	40,169	37,190	33,684	32,312	31,390	32,472	31,609	32,037	31,816
Batangas	77	80	87	90	89	91	72	199	130	277
Cavite	1,224	1,188	1,110	1,099	1,130	1,147	1,205	1,247	1,205	1,166
Laguna	1,643	1,277	1,192	1,171	1,164	1,130	1,141	1,171	1,125	1,160
Quezon	36,215	36,710	33,906	30,482	29,103	28,309	29,341	28,285	28,827	28,369
Rizal	975	914	895	842	825	713	712	708	751	844
MIMAROPA	12,219	12,121	12,553	12,662	12,851	13,319	13,882	15,144	15,866	16,493
Marinduque	824	825	795	792	778	787	826	838	853	951
Occidental Mindoro	5,824	5,713	5,993	5,843	5,925	6,184	6,573	6,622	6,792	7,080
Oriental Mindoro	1,323	1,349	1,359	1,372	1,441	1,476	1,504	2,350	2,771	2,878
Palawan	3,237	3,181	3,222	3,244	3,257	3,337	3,393	3,734	3,932	4,022
Romblon	1,011	1,053	1,184	1,410	1,449	1,535	1,586	1,600	1,518	1,562
Bicol Region	87,184	91,761	95,767	95,861	94,701	92,121	91,943	94,881	87,911	90,415
Albay	39,023	40,053	41,222	40,167	38,475	37,068	35,097	38,042	33,582	37,502
Camarines Norte	714	762	714	717	686	693	729	752	762	775
Camarines Sur	35,184	38,017	40,739	42,134	42,198	41,441	42,563	42,155	40,619	39,762
Catanduanes	5,482	5,507	5,533	5,212	5,661	5,318	5,253	5,394	5,349	5,119
Masbate	1,119	1,276	1,315	1,418	1,458	1,347	1,428	1,555	1,601	1,689
Sorsogon	5,663	6,146	6,244	6,214	6,223	6,253	6,873	6,982	5,999	5,569
Western Visayas	47,162	46,298	44,600	46,447	44,455	45,345	45,642	44,711	45,083	46,338
Aklan	2,035	2,106	2,076	2,422	2,425	2,370	2,383	2,048	2,121	2,053
Antique	5,625	4,006	3,327	3,554	3,415	3,220	3,148	2,977	2,884	3,592
Capiz	4,780	4,425	4,303	4,334	4,148	3,992	3,894	3,894	3,867	3,873
Guimaras	2,696	2,625	2,490	2,400	2,129	2,226	2,370	2,511	2,733	2,472
Iloilo	14,303	15,347	14,373	15,216	14,927	15,397	15,495	15,149	15,130	16,090
Negros Occidental	17,723	17,789	18,031	18,521	17,411	18,140	18,352	18,133	18,348	18,258
Central Visayas	53,529	47,908	47,557	47,022	40,847	38,718	32,555	32,814	33,980	31,480
Bohol	38,691	35,147	32,175	28,504	23,123	19,748	12,291	9,124	7,919	6,300
Cebu	10,629	8,548	10,106	10,799	10,190	10,163	10,923	12,619	14,324	14,969
Negros Oriental	3,609	3,727	4,678	7,122	6,970	8,228	8,769	10,525	11,190	9,709
Siquijor	600	486	598	597	564	580	572	546	547	502
Eastern Visayas	116,858	119,601	118,067	118,185	118,040	118,983	123,350	117,849	108,045	111,874
Biliran	2,037	2,018	2,019	1,983	1,937	1,881	1,972	1,833	1,769	1,884
Eastern Samar	6,565	6,678	6,948	6,989	7,007	6,987	7,297	6,400	6,231	6,240
Leyte	62,436	63,413	61,554	61,221	61,896	61,433	62,069	58,131	49,236	52,447
Northern Samar	19,888	20,669	21,484	22,248	23,176	23,876	26,576	28,119	28,956	28,935
Southern Leyte	5,115	5,608	5,613	5,625	5,740	6,914	7,254	7,340	6,989	8,144
Samar (Western Samar)	20,817	21,215	20,450	20,120	18,283	17,892	18,183	16,027	14,864	14,225
Zamboanga Peninsula	10,837	10,782	10,205	9,854	8,774	8,952	8,547	20,202	21,895	22,959
Zamboanga del Norte	1,354	1,390	1,452	1,496	1,428	1,420	1,450	2,016	2,021	1,901
Zamboanga del Sur	5,310	5,261	4,579	4,095	3,558	3,985	3,712	11,941	12,198	13,118
Zamboanga Sibugay	3,361	3,317	3,333	3,385	2,908	2,657	2,477	4,207	4,829	5,054
Zamboanga City	812	813	841	879	879	890	908	2,037	2,848	2,887
Northern Mindanao	26,998	27,491	28,551	29,437	29,725	31,530	32,474	34,119	34,795	34,442
Bukidnon	10,660	10,842	10,935	11,045	11,030	12,020	12,240	12,074	12,380	12,300
Camiguin	755	828	732	634	601	614	605	636	630	615
Lanao del Norte	11,420	11,877	12,652	13,241	13,482	13,838	14,340	15,440	15,595	15,481
Misamis Occidental	1,654	1,423	1,518	1,675	1,743	2,113	2,275	2,831	2,892	2,727
Misamis Oriental	2,508	2,522	2,714	2,842	2,869	2,945	3,014	3,138	3,298	3,320
Davao Region	19,397	19,435	19,620	19,814	19,901	19,014	18,417	18,597	19,243	19,127
Davao del Norte	3,768	3,599	3,768	3,888	3,860	3,798	3,742	3,687	3,578	3,509
Davao del Sur	2,690	2,933	2,905	2,967	2,916	2,833	2,838	2,886	2,905	2,967
Davao Oriental	3,449	3,350	3,240	3,090	2,928	2,876	2,921	3,038	3,323	3,041
Compostela Valley	8,056	8,133	8,296	8,485	8,809	8,169	7,571	7,605	7,989	8,105
Davao City	1,433	1,421	1,411	1,384	1,387	1,338	1,346	1,381	1,449	1,505
SOCCSKSARGEN	9,124	9,599	9,735	10,155	10,457	10,783	10,782	10,803	10,547	9,274
North Cotabato	6,462	6,953	7,213	7,585	7,899	8,215	8,633	8,691	8,443	7,276
Sarangani	1,142	1,160	1,177	1,183	1,130	1,150	803	792	762	691
South Cotabato	669	642	599	627	643	680	585	583	620	589
Sultan Kudarat	851	844	746	760	785	739	761	738	723	718
Caraga	55,573	60,719	62,383	53,656	48,475	27,908	27,939	29,434	32,056	30,148
Agusan del Norte	14,835	15,973	16,731	15,859	14,739	10,087	8,698	7,957	8,305	8,369
Agusan del Sur	13,936	17,841	18,859	15,003	14,287	8,353	11,996	13,518	15,944	14,017
Dinagat Islands	..	..	..	..	..	..	..	732	483	466
Surigao del Norte	7,942	7,913	7,737	6,971	5,688	3,016	2,335	1,779	1,617	1,608
Surigao del Sur	18,860	18,992	19,056	15,823	13,761	6,451	4,910	5,449	5,707	5,688
ARMM	6,164	6,074	6,313	6,126	6,081	5,977	6,121	6,171	6,264	6,337
Basilan	836	852	879	865	829	833	853	871	883	872
Lanao del Sur	3,058	3,041	3,181	3,202	3,215	3,168	3,307	3,378	3,479	3,580
Maguindanao	1,213	1,138	1,202	1,049	1,046	1,013	1,022	1,025	1,028	1,029
Sulu	451	450	473	474	475	481	489	478	480	485
Tawi-tawi	605	592	578	537	516	483	451	420	394	371

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Carrots										
Philippines	35,694	65,024	68,366	68,328	72,109	67,162	68,454	68,111	68,342	67,037
NCR										
CAR	27,966	57,491	60,303	59,024	63,353	58,766	60,126	60,038	60,507	59,527
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	25,755	50,937	52,919	52,617	57,706	53,965	55,471	55,399	55,786	55,134
Ifugao	113	360	593	568	519	508	513	514	519	516
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	2,099	6,194	6,791	5,838	5,128	4,293	4,143	4,125	4,202	3,877
Ilocos Region	1	2	2	2	1	1	1	1	1	0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1	2	2	2	1	1	1	1	1	0
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	820	831	802	818	758	713	609	602	585	595
Batanes	..	..	..	..	..	..	16	9	12	9
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	820	831	802	818	758	713	594	593	572	586
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	4	4	4	4	4	4	1	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	4	4	4	4	4	4	1	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	18	17	18	20	22	46	44	33	33	31
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	2	2	2	2	2	2
Laguna	..	..	..	..	..	0	..	..	..	..
Quezon	18	17	18	20	20	44	42	31	31	29
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	3	3	3
Marinduque	..	..	..	..	..	..	..	3	3	3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	21	19	20	21	22	22	22
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	21	19	20	21	22	22	22
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	106	129	129	128	154	149	136	139	144	140
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	15	16	15	38	32	26	26	27	32
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	50	61	62	61	64	65	58	63	65	57
Negros Occidental	55	53	52	52	52	52	52	50	52	50
Central Visayas	4,021	3,706	3,885	4,934	4,516	4,165	4,169	3,909	3,632	3,351
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	2,927	2,542	2,226	3,329	2,013	1,741	1,680	1,534	1,536	1,453
Negros Oriental	1,094	1,163	1,659	1,605	2,502	2,424	2,488	2,374	2,096	1,899
Siquijor	..	..	..	..	..	..	..	0	..	..
Eastern Visayas	10	12	13	13	13	12	12	12	12	12
Biliran	10	12	13	13	13	12	12	12	12	12
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	129	129	133	137	139	134	138	227	315	310
Zamboanga del Norte	29	30	32	31	32	31	31	50	48	45
Zamboanga del Sur	21	22	21	21	22	17	16	20	39	41
Zamboanga Sibugay	5	5	5	6	6	7	7	9	14	16
Zamboanga City	75	72	75	79	79	80	83	147	214	208
Northern Mindanao	766	828	1,201	1,347	1,284	1,261	1,296	1,244	1,264	1,232
Bukidnon	613	668	1,010	1,150	1,085	1,060	1,115	1,080	1,100	1,080
Camiguin	0	0	..	..	..	..	..	..	..	..
Lanao del Norte	80	89	93	95	97	88	65	54	42	32
Misamis Occidental	30	36	62	76	76	84	91	95	97	95
Misamis Oriental	43	35	36	26	26	29	25	16	25	25
Davao Region	1,423	1,440	1,400	1,426	1,406	1,419	1,423	1,390	1,309	1,279
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	793	893	870	932	932	1,028	1,042	1,069	1,089	1,063
Davao Oriental	12	11	11	11	11	11	11	12	14	14
Compostela Valley	478	415	391	363	346	277	257	204	94	87
Davao City	140	121	129	120	116	104	112	106	113	116
SOCCSKSARGEN	417	427	466	447	440	466	479	489	514	535
North Cotabato	191	197	223	193	201	219	227	232	256	287
Sarangani	151	159	147	154	134	136	137	137	136	135
South Cotabato	50	56	77	78	83	89	88	93	95	88
Sultan Kudarat	25	14	19	22	22	21	27	27	27	26
Caraga	12	10	10	7	0	5	..	1	1	..
Agusan del Norte	12	10	10	7	0	5	..	..	0	..
Agusan del Sur	..	..	..	..	..	..	..	1	1	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cassava										
Philippines	1,756,856	1,871,138	1,941,575	2,043,719	2,101,454	2,209,684	2,223,182	2,361,561	2,540,254	2,710,919
NCR										
CAR	1,896	1,749	1,865	1,839	1,813	1,671	2,194	11,621	12,197	13,377
Abra	33	34	35	36	36	35	36	39	47	48
Apayao	305	204	320	324	304	305	1,057	10,481	10,929	12,098
Benguet	1,256	1,213	1,205	1,185	1,184	1,046	817	779	787	748
Ifugao	36	64	77	79	77	71	74	78	187	140
Kalinga	63	72	91	92	95	97	101	131	127	212
Mountain Province	202	162	138	124	116	117	110	114	119	130
Ilocos Region	16,357	16,809	16,766	17,493	17,933	17,746	17,563	17,274	17,513	13,812
Ilocos Norte	3,231	3,266	3,080	3,007	3,014	2,708	2,711	2,805	2,882	2,938
Ilocos Sur	2,646	1,791	1,287	1,240	1,193	1,230	1,281	1,340	1,436	1,419
La Union	2,081	2,539	2,365	2,483	2,482	2,490	2,544	2,469	2,509	1,764
Pangasinan	8,399	9,213	10,035	10,763	11,243	11,319	11,026	10,660	10,685	7,691
Cagayan Valley	31,156	30,475	30,864	38,545	41,291	70,060	66,920	77,723	135,867	240,105
Batanes	..	..	..	..	..	..	37	33	48	27
Cagayan	12,738	10,811	7,002	6,109	5,937	6,499	6,887	7,544	9,339	12,966
Isabela	17,623	18,893	23,068	28,246	32,125	60,840	57,339	67,569	121,291	190,798
Nueva Vizcaya	650	610	606	542	579	580	774	759	896	1,299
Quirino	145	161	188	3,648	2,650	2,141	1,883	1,817	4,293	35,015
Central Luzon	9,235	9,187	9,199	9,294	9,449	10,032	18,428	18,682	20,505	20,517
Aurora	1,170	1,182	1,210	1,237	1,367	1,379	1,405	1,460	1,746	1,938
Bataan	232	235	236	232	233	233	2,445	2,645	2,728	2,640
Bulacan	628	616	559	634	725	730	1,731	1,578	1,670	1,659
Nueva Ecija	331	354	361	367	368	369	366	437	543	534
Pampanga	6,040	6,040	6,037	5,997	5,730	5,767	9,177	9,103	9,757	9,810
Tarlac	106	109	109	107	107	102	116	199	408	419
Zambales	728	651	687	720	920	1,452	3,188	3,260	3,653	3,516
CALABARZON	65,754	63,969	60,141	54,787	50,368	47,980	49,020	49,934	51,398	51,316
Batangas	7,160	6,622	7,093	7,065	6,705	6,455	6,430	7,357	9,843	9,318
Cavite	648	605	643	673	693	707	842	922	919	900
Laguna	2,237	1,917	1,854	1,916	1,901	1,794	1,954	2,008	1,970	1,918
Quezon	54,891	54,055	49,777	44,309	40,245	38,198	38,976	38,792	37,728	38,200
Rizal	819	770	775	824	824	826	819	855	938	980
MIMAROPA	8,911	9,413	10,618	11,531	12,207	12,858	13,541	16,705	19,025	19,722
Marinduque	458	455	446	452	445	459	479	487	496	539
Occidental Mindoro	3,807	3,978	4,514	4,704	4,770	4,878	5,031	5,155	5,304	5,437
Oriental Mindoro	1,805	1,821	1,832	1,792	1,876	1,904	1,857	3,402	4,994	5,247
Palawan	1,360	1,620	2,127	2,574	3,013	3,329	3,828	5,323	6,059	6,266
Romblon	1,480	1,539	1,699	2,008	2,104	2,289	2,345	2,338	2,173	2,233
Bicol Region	109,822	108,706	112,900	115,112	114,625	110,020	111,236	113,790	109,021	108,630
Albay	14,863	15,156	15,450	15,240	14,538	14,052	13,246	14,136	13,774	15,912
Camarines Norte	3,941	4,084	3,864	3,897	3,739	3,818	3,999	4,103	4,150	4,449
Camarines Sur	79,619	78,726	83,039	85,439	85,865	81,885	82,583	81,260	76,519	73,726
Catanduanes	452	422	412	391	406	392	393	404	390	432
Masbate	2,347	2,355	2,429	2,550	2,665	2,528	2,960	5,669	6,627	7,223
Sorsogon	8,600	7,963	7,705	7,595	7,412	7,346	8,055	8,219	7,562	6,887
Western Visayas	57,104	61,559	59,710	60,966	60,116	61,921	62,408	62,560	61,238	59,622
Aklan	8,107	8,100	7,942	8,002	8,002	7,996	7,938	7,396	7,004	6,849
Antique	3,186	3,719	3,320	3,551	3,385	3,368	3,323	3,386	3,513	3,591
Capiz	6,092	6,016	6,015	5,951	5,768	5,665	5,537	5,491	5,081	5,373
Guimaras	493	504	512	523	519	563	593	571	601	526
Iloilo	13,035	17,212	15,835	16,409	16,491	17,312	17,589	18,465	17,320	15,609
Negros Occidental	26,191	26,009	26,086	26,531	25,951	27,017	27,428	27,251	27,719	27,673
Central Visayas	69,566	79,742	83,539	106,079	118,668	128,156	109,571	90,698	90,556	114,036
Bohol	35,611	51,007	53,448	70,386	83,167	89,643	67,596	48,006	39,716	63,307
Cebu	20,253	17,407	17,896	18,345	16,331	17,275	20,181	20,408	21,035	20,256
Negros Oriental	10,048	7,928	8,513	13,564	15,505	17,923	18,466	19,203	26,203	26,983
Siquijor	3,653	3,400	3,682	3,785	3,665	3,316	3,329	3,081	3,602	3,490
Eastern Visayas	71,159	72,867	72,792	73,194	73,392	78,805	81,918	90,331	79,976	84,216
Biliran	3,427	3,360	3,301	3,232	3,136	3,106	3,167	3,581	3,428	3,698
Eastern Samar	14,739	15,045	15,479	15,501	15,518	15,441	15,472	15,898	15,392	14,486
Leyte	30,439	31,144	30,838	31,302	31,557	35,507	37,366	43,853	35,563	38,886
Northern Samar	6,050	6,379	6,711	6,924	7,133	7,509	8,139	8,968	9,263	9,242
Southern Leyte	7,607	7,898	7,953	7,963	8,135	9,338	9,808	10,370	10,171	11,955
Samar (Western Samar)	8,898	9,042	8,510	8,273	7,914	7,906	7,967	7,662	6,158	5,949
Zamboanga Peninsula	27,567	29,038	30,598	30,416	30,746	30,352	30,053	52,310	77,185	81,339
Zamboanga del Norte	7,465	7,534	7,765	7,500	6,798	6,157	5,878	7,703	9,794	9,558
Zamboanga del Sur	9,363	10,760	11,391	11,117	12,061	12,251	12,099	21,060	33,739	37,452
Zamboanga Sibugay	2,585	2,645	2,772	2,694	2,773	2,803	2,783	3,600	4,345	4,739
Zamboanga City	8,154	8,099	8,670	9,105	9,114	9,141	9,294	19,947	29,308	29,590
Northern Mindanao	228,270	310,517	348,971	417,943	471,511	551,123	558,955	601,289	663,580	728,845
Bukidnon	131,048	180,000	186,975	240,200	255,200	306,178	312,000	397,051	445,000	480,750
Camiguin	1,251	1,851	2,230	2,889	3,379	3,251	3,002	3,456	3,524	3,182
Lanao del Norte	11,731	17,960	18,800	21,407	23,900	24,350	24,770	24,599	23,930	24,163
Misamis Occidental	19,492	25,544	33,641	40,337	42,518	46,383	49,268	42,351	39,530	36,695
Misamis Oriental	64,748	85,162	107,326	113,110	146,514	170,961	169,915	133,832	151,596	184,055
Davao Region	17,117	15,707	15,550	14,990	14,788	14,511	14,454	15,969	17,958	18,605
Davao del Norte	3,110	3,019	2,942	2,887	2,846	2,912	3,004	3,116	3,253	3,407
Davao del Sur	5,884	5,927	5,875	5,282	4,984	4,600	4,544	4,638	4,745	4,912
Davao Oriental	2,185	2,179	2,208	2,206	2,190	2,288	2,259	2,297	3,205	3,240
Compostela Valley	5,127	3,768	3,680	3,767	3,922	3,793	3,631	3,657	3,912	4,074
Davao City	812	814	844	848	846	917	1,016	2,261	2,843	2,971
SOCCSKSARGEN	29,094	32,725	31,857	31,314	34,556	43,386	47,852	89,868	121,823	114,398
North Cotabato	8,867	9,143	9,340	9,808	10,143	10,465	10,823	11,071	10,940	10,023
Sarangani	1,772	1,778	1,787	1,783	1,720	1,755	1,768	2,013	2,022	2,007
South Cotabato	16,488	19,891	18,891	17,851	20,690	28,506	32,855	74,622	106,580	100,078
Sultan Kudarat	1,967	1,913	1,840	1,872	2,003	2,660	2,407	2,163	2,281	2,290
Caraga	48,362	50,801	52,662	47,886	41,124	23,609	20,101	17,700	17,181	18,201
Agusan del Norte	6,489	7,535	8,074	8,461	7,589	5,708	5,148	4,324	3,637	3,803
Agusan del Sur	4,425	4,524	5,138	5,454	5,694	3,594	3,792	4,210	4,729	5,199
Dinagat Islands	..	..	..	..	..	..	..	586	468	460
Surigao del Norte	12,932	13,806	13,935	11,974	8,401	4,154	3,266	2,535	2,100	2,071
Surigao del Sur	24,516	24,936	25,515	21,997	19,440	10,153	7,895	6,045	6,246	6,669
ARMM	965,487	977,874	1,003,542	1,012,330	1,008,867	1,007,454	1,018,969	1,035,107	1,045,233	1,024,180
Basilan	217,520	223,368	232,143	237,263	240,151	245,924	249,966	257,532	259,920	254,150
Lanao del Sur	483,562	482,360	490,825	494,004	493,780	485,745	495,878	505,129	518,096	497,681
Maguindanao	4,596	4,460	4,403	4,194	4,000	3,732	3,653	3,835	4,216	4,236
Sulu	161,419	169,808	178,324	178,285	172,509	173,800	172,990	172,975	168,200	168,600
Tawi-tawi	98,390	97,878	97,847	98,585	98,428	98,253	96,482	95,636	94,802	99,513

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Cauliflower										
Philippines	10,489	10,148	10,758	10,559	11,102	11,583	11,636	11,782	11,739	11,865
NCR										
CAR	4,652	4,811	4,972	4,957	5,210	5,290	5,302	5,207	5,144	5,179
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	4,622	4,782	4,946	4,932	5,186	5,270	5,290	5,194	5,131	5,167
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	30	29	26	25	24	20	13	13	13	12
Ilocos Region	4,942	4,363	4,605	4,152	4,574	4,682	4,642	4,812	4,803	4,911
Ilocos Norte	4	4	3	3	3	3	3	3	3	3
Ilocos Sur	4,938	4,360	4,602	4,149	4,571	4,679	4,639	4,809	4,800	4,909
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	65	93	67	103	87	308	275	240	236	232
Batanes	..	..	..	..	..	..	4	3	3	3
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	65	73	67	103	87	308	272	237	233	229
Quirino	..	20	..	..	..	..	..	..	..	..
Central Luzon	50	45	32	29	28	27	25	25	25	24
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	50	45	32	29	28	27	25	25	25	24
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	1	6	4	3	3	3	14	0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	1	6	4	3	3	3	14	0
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	3	3	3
Marinduque	..	..	..	..	..	..	..	3	3	3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	5	6	6	5	6	47	70	73	64	87
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	5	6	6	5	6	47	70	73	64	87
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	66	74	77	86	76	84	116	134	135	128
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	57	67	68	76	69	77	107	113	117	113
Negros Oriental	8	7	10	9	7	7	9	20	18	15
Siquijor	1	..	..	..	..	..	..	..	..	0
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	2	2	3	3	3	4	4	5	7	7
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	2	2	3	3	3	4	4	5	7	7
Northern Mindanao	387	442	691	927	834	902	946	1,022	1,051	1,032
Bukidnon	375	425	665	910	810	865	900	960	985	965
Camiguin	0	0	0	0	0	..	..	0	..	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	2
Misamis Oriental	11	17	25	17	24	37	46	62	66	66
Davao Region	190	173	162	157	153	105	116	103	90	86
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	58	50	45	46	44	40	42	42	43	39
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	56	47	43	40	39	27	26	17	15	15
Davao City	76	76	74	72	70	38	48	44	31	32
SOCCSKSARGEN	118	129	143	134	128	131	135	155	167	175
North Cotabato	87	94	96	87	86	88	90	107	116	126
Sarangani	6	6	5	5	4	4	4	3	3	3
South Cotabato	24	28	38	40	38	40	41	44	47	45
Sultan Kudarat	1	1	4	1	0	0	..	..	..	..
Caraga	..	..	..	..	..	..	1	2	0	0
Agusan del Norte	..	..	..	..	..	..	1	1	..	..
Agusan del Sur	..	..	..	..	..	..	..	1	0	0
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	13	8	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	13	8	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Eggplant										
Philippines	191,911	210,156	199,579	200,942	208,242	207,994	211,885	219,911	225,579	232,865
NCR										
CAR	767	776	789	791	796	805	823	892	957	975
Abra	571	589	603	612	623	631	635	643	675	684
Apayao	35	30	29	27	25	24	39	80	113	131
Benguet	13	13	13	13	13	12	12	12	12	14
Ifugao	21	22	23	25	22	23	24	24	24	24
Kalinga	99	97	97	95	93	94	98	118	117	110
Mountain Province	29	25	24	21	21	21	16	16	15	12
Ilocos Region	77,813	87,053	73,100	70,098	73,659	75,375	76,193	78,136	79,400	81,941
Ilocos Norte	4,118	4,520	4,658	4,970	5,434	5,641	6,007	6,400	6,830	7,124
Ilocos Sur	2,120	2,536	3,264	3,709	3,975	4,240	4,351	4,603	4,773	5,410
La Union	973	1,184	1,235	1,350	1,408	1,371	1,542	1,646	1,794	2,007
Pangasinan	70,602	78,812	63,943	60,070	62,842	64,123	64,293	65,487	66,002	67,401
Cagayan Valley	15,190	18,626	19,335	19,894	18,264	19,320	19,872	20,477	19,723	20,842
Batanes	..	..	..	..	..	..	31	26	22	22
Cagayan	3,446	6,935	7,630	7,885	6,400	7,009	7,385	7,740	7,309	7,782
Isabela	8,792	8,813	8,882	9,342	9,210	9,702	9,900	10,234	9,834	10,573
Nueva Vizcaya	2,668	2,570	2,507	2,319	2,365	2,323	2,276	2,181	2,259	2,170
Quirino	284	307	316	348	289	286	280	295	299	296
Central Luzon	18,037	19,176	19,107	19,355	19,225	18,863	19,019	19,358	20,918	23,774
Aurora	197	205	219	231	243	246	251	232	266	272
Bataan	449	452	452	443	443	438	420	420	478	462
Bulacan	1,378	1,770	1,937	2,029	2,141	2,157	2,111	2,058	2,193	2,254
Nueva Ecija	6,781	7,021	6,880	6,881	6,960	6,923	6,885	7,018	8,406	11,079
Pampanga	2,277	2,281	2,296	2,269	2,252	2,248	2,345	2,443	2,471	2,483
Tarlac	5,907	6,190	6,149	6,298	5,998	5,576	5,633	5,781	5,652	5,790
Zambales	1,049	1,259	1,174	1,204	1,188	1,275	1,374	1,406	1,452	1,434
CALABARZON	28,716	30,423	32,213	33,396	37,573	36,401	36,150	36,667	36,872	38,332
Batangas	2,818	3,380	3,632	4,150	6,751	6,290	5,625	4,950	4,198	3,894
Cavite	229	234	245	245	351	343	373	365	299	265
Laguna	1,539	1,858	1,805	1,894	1,935	1,781	1,812	1,812	1,759	1,580
Quezon	23,637	24,421	26,004	26,565	28,018	27,468	27,812	28,980	30,025	31,991
Rizal	495	530	527	542	518	519	528	559	592	602
MIMAROPA	2,262	2,213	2,354	2,346	2,458	2,625	2,768	3,444	3,768	4,023
Marinduque	446	443	446	441	429	437	466	737	714	698
Occidental Mindoro	816	777	863	846	881	927	971	1,063	1,095	1,182
Oriental Mindoro	238	243	240	233	263	292	289	383	416	448
Palawan	55	62	110	136	190	267	349	564	834	983
Romblon	706	689	695	690	695	702	692	698	709	712
Bicol Region	5,572	7,028	7,102	6,834	7,159	6,937	7,306	7,882	7,115	6,746
Albay	2,638	2,767	2,836	2,812	2,978	2,918	3,117	3,369	2,712	2,465
Camarines Norte	305	346	305	293	280	276	289	297	284	290
Camarines Sur	2,342	2,571	2,586	2,278	2,393	2,331	2,378	2,391	2,390	2,342
Catanduanes	19	24	25	23	24	23	23	24	23	24
Masbate	166	1,206	1,230	1,306	1,355	1,260	1,346	1,643	1,548	1,473
Sorsogon	103	115	120	122	130	130	153	160	158	153
Western Visayas	13,038	14,385	13,486	14,289	14,730	15,086	15,660	16,051	17,022	16,987
Aklan	279	258	273	289	295	296	294	278	254	263
Antique	268	460	457	475	547	574	588	601	621	604
Capiz	755	758	780	763	770	752	820	815	823	857
Guimaras	170	175	214	221	222	227	238	240	257	251
Iloilo	8,771	9,938	9,034	9,783	10,090	10,368	10,813	11,191	12,076	12,012
Negros Occidental	2,796	2,796	2,728	2,758	2,807	2,868	2,907	2,926	2,991	3,001
Central Visayas	5,926	5,430	6,842	8,105	8,463	7,284	7,562	8,788	9,551	9,445
Bohol	657	670	1,728	2,195	2,697	1,562	1,650	1,814	2,129	2,106
Cebu	4,388	3,920	4,087	4,574	4,498	4,481	4,674	5,319	5,630	5,663
Negros Oriental	862	815	981	1,274	1,214	1,176	1,178	1,591	1,697	1,577
Siquijor	18	26	46	62	55	65	61	63	95	99
Eastern Visayas	2,159	2,252	2,219	2,224	2,236	2,251	2,315	2,316	2,007	2,117
Biliran	42	43	52	55	56	57	60	59	53	53
Eastern Samar	199	202	201	203	205	202	210	195	166	113
Leyte	1,525	1,570	1,520	1,507	1,508	1,513	1,548	1,564	1,288	1,444
Northern Samar	118	126	133	137	142	147	161	167	173	174
Southern Leyte	182	216	220	227	233	235	235	235	233	238
Samar (Western Samar)	93	96	92	95	92	97	101	95	94	95
Zamboanga Peninsula	1,768	1,745	1,752	1,781	1,811	1,818	1,848	3,264	4,492	4,588
Zamboanga del Norte	262	276	287	308	320	343	334	447	462	423
Zamboanga del Sur	535	506	460	394	398	370	359	591	685	706
Zamboanga Sibugay	231	230	243	247	241	230	248	464	546	548
Zamboanga City	740	733	763	832	851	875	908	1,762	2,799	2,910
Northern Mindanao	3,158	3,259	3,608	3,697	3,794	4,102	4,323	4,535	4,779	4,702
Bukidnon	563	573	702	737	625	720	785	801	825	829
Camiguin	35	44	63	70	95	97	94	91	95	97
Lanao del Norte	1,511	1,564	1,577	1,645	1,655	1,695	1,716	1,734	1,719	1,675
Misamis Occidental	381	384	436	481	528	605	649	676	710	718
Misamis Oriental	668	695	830	764	891	985	1,080	1,233	1,430	1,383
Davao Region	6,878	6,585	6,425	6,506	6,646	6,450	6,632	6,886	7,059	7,014
Davao del Norte	644	676	687	663	698	657	668	668	707	700
Davao del Sur	458	529	518	544	568	595	610	618	637	631
Davao Oriental	212	225	217	213	219	202	199	201	242	230
Compostela Valley	1,202	1,333	1,407	1,428	1,837	1,844	1,735	2,089	2,148	2,180
Davao City	4,362	3,821	3,597	3,658	3,323	3,151	3,419	3,310	3,325	3,273
SOCCSKSARGEN	6,529	6,804	6,624	7,032	6,897	7,092	7,400	7,082	7,308	6,734
North Cotabato	4,942	5,218	5,017	5,400	5,276	5,443	5,704	5,202	5,424	4,893
Sarangani	563	562	526	535	498	518	532	546	546	515
South Cotabato	527	515	568	573	603	610	633	805	821	801
Sultan Kudarat	498	510	514	524	520	521	531	530	517	526
Caraga	3,499	3,793	4,006	3,996	3,922	2,974	3,363	3,474	3,946	3,970
Agusan del Norte	242	268	265	229	308	190	277	374	424	421
Agusan del Sur	2,744	3,002	3,213	3,243	3,027	2,356	2,651	2,618	3,042	2,973
Dinagat Islands	..	..	..	..	..	..	..	15	14	12
Surigao del Norte	146	141	132	148	181	82	72	66	63	46
Surigao del Sur	367	383	396	376	407	346	364	401	404	518
ARMM	598	609	616	598	610	612	652	660	664	673
Basilan	65	65	65	70	72	74	77	79	81	82
Lanao del Sur	159	161	160	160	160	157	174	182	179	181
Maguindanao	319	326	331	304	311	309	319	323	325	330
Sulu	15	15	16	16	17	18	20	22	23	24
Tawi-tawi	41	42	44	48	50	55	62	55	56	56

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gabi										
Philippines	111,942	113,954	115,956	115,218	110,761	110,719	111,561	112,262	110,366	111,988
NCR										
CAR	5,065	5,115	5,148	5,182	4,723	4,734	4,776	4,857	4,924	4,880
Abra	106	109	111	112	114	112	114	114	119	120
Apayao	25	36	38	43	40	39	48	89	111	123
Benguet	4,536	4,578	4,622	4,647	4,207	4,222	4,245	4,270	4,305	4,249
Ifugao	311	318	323	328	309	310	314	318	320	321
Kalinga	43	42	44	44	44	45	53	63	66	64
Mountain Province	44	31	10	8	9	6	3	3	3	3
Ilocos Region	3,273	3,500	3,569	3,344	3,234	3,202	3,197	3,229	3,224	3,139
Ilocos Norte	947	959	980	975	975	970	1,004	1,022	1,038	1,044
Ilocos Sur	35	71	91	99	91	106	111	113	114	118
La Union	521	610	651	646	651	665	660	669	659	656
Pangasinan	1,770	1,860	1,847	1,624	1,518	1,462	1,423	1,426	1,414	1,321
Cagayan Valley	15,251	15,472	15,165	14,881	13,436	14,510	15,361	15,893	15,622	15,941
Batanes	..	..	..	..	..	..	79	76	71	63
Cagayan	5,936	5,864	4,985	4,190	3,576	4,038	4,255	4,348	4,315	4,557
Isabela	6,730	6,974	7,401	7,759	6,921	7,494	8,164	8,427	8,354	8,392
Nueva Vizcaya	2,242	2,221	2,306	2,385	2,375	2,389	2,219	2,412	2,245	2,285
Quirino	344	413	474	547	564	589	644	630	637	643
Central Luzon	6,478	6,592	6,778	6,766	6,766	6,797	6,829	6,976	7,317	7,385
Aurora	639	657	675	673	684	688	692	694	735	746
Bataan	371	373	374	373	374	352	353	350	510	510
Bulacan	612	591	630	615	616	618	617	629	626	621
Nueva Ecija	1,606	1,583	1,519	1,491	1,481	1,476	1,479	1,483	1,471	1,449
Pampanga	2,099	2,105	2,095	2,085	2,082	2,096	2,072	2,156	2,140	2,137
Tarlac	454	473	597	571	564	562	566	569	577	565
Zambales	696	810	889	958	965	1,005	1,051	1,095	1,258	1,357
CALABARZON	6,750	6,666	6,463	6,177	6,115	6,173	6,318	6,175	6,051	6,171
Batangas	1,613	1,715	1,755	1,836	1,724	1,777	1,780	1,644	1,487	1,221
Cavite	287	279	287	283	574	560	654	680	659	676
Laguna	1,241	1,156	1,168	1,171	1,176	1,175	1,155	1,180	1,054	989
Quezon	3,609	3,516	3,253	2,888	2,642	2,660	2,728	2,671	2,851	3,285
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	3,006	3,018	3,083	3,190	3,258	3,360	3,463	4,127	4,241	4,158
Marinduque	636	631	633	649	650	667	692	699	712	751
Occidental Mindoro	88	85	78	85	90	98	109	111	121	126
Oriental Mindoro	1,387	1,398	1,410	1,451	1,490	1,519	1,557	2,150	2,218	2,076
Palawan	345	351	382	396	418	444	453	509	547	556
Romblon	551	553	581	609	610	632	652	658	643	649
Bicol Region	13,582	13,717	14,158	13,807	13,482	12,991	12,535	11,685	10,539	10,801
Albay	8,665	8,777	9,017	8,555	8,235	7,750	7,119	6,254	5,177	5,486
Camarines Norte	247	242	241	219	211	214	224	226	228	232
Camarines Sur	2,592	2,531	2,650	2,770	2,731	2,712	2,742	2,755	2,683	2,631
Catanduanes	519	538	551	526	565	537	536	552	535	515
Masbate	22	23	26	29	30	30	33	33	32	33
Sorsogon	1,536	1,605	1,673	1,708	1,710	1,747	1,881	1,865	1,885	1,905
Western Visayas	4,788	4,789	4,890	4,935	4,816	4,911	4,925	4,892	4,829	4,753
Aklan	1,287	1,261	1,278	1,287	1,266	1,258	1,262	1,223	1,224	1,218
Antique	832	742	717	769	779	773	738	740	741	778
Capiz	468	548	542	558	552	546	529	549	551	557
Guimaras	172	167	176	182	173	187	198	186	187	166
Iloilo	1,251	1,303	1,360	1,272	1,239	1,282	1,307	1,292	1,198	1,143
Negros Occidental	779	767	816	868	807	866	891	903	929	890
Central Visayas	9,551	9,562	9,837	9,604	7,278	7,356	6,328	6,389	6,276	6,158
Bohol	7,108	7,259	7,628	7,286	5,059	4,926	3,852	3,872	3,724	3,723
Cebu	1,350	1,177	1,336	1,397	1,348	1,414	1,413	1,331	1,347	1,279
Negros Oriental	1,014	1,055	793	835	787	915	963	1,091	1,111	1,067
Siquijor	81	72	80	87	84	102	101	95	94	90
Eastern Visayas	18,118	18,596	20,253	20,815	20,945	21,306	22,113	22,900	21,575	22,320
Biliran	1,060	1,062	1,077	1,088	1,095	1,092	1,093	995	989	991
Eastern Samar	198	206	208	208	209	209	214	215	215	217
Leyte	6,428	6,499	6,779	7,039	6,963	6,927	7,048	6,957	5,470	6,129
Northern Samar	5,238	5,546	6,861	7,073	7,237	7,455	8,033	8,883	9,119	9,096
Southern Leyte	4,370	4,443	4,466	4,478	4,541	4,678	4,771	4,798	4,707	4,810
Samar (Western Samar)	823	841	863	930	901	946	954	1,053	1,075	1,077
Zamboanga Peninsula	1,586	1,532	1,518	1,488	1,408	1,360	1,360	1,550	1,755	1,550
Zamboanga del Norte	888	876	896	886	838	799	792	773	770	736
Zamboanga del Sur	328	286	244	217	190	183	183	374	543	504
Zamboanga Sibugay	219	223	227	229	226	226	230	249	266	136
Zamboanga City	151	146	151	156	154	152	155	155	175	174
Northern Mindanao	2,017	2,549	2,639	2,618	2,710	2,879	2,999	3,074	3,117	3,079
Bukidnon	192	199	210	217	199	211	228	216	198	180
Camiguin	275	263	262	261	276	284	278	277	267	245
Lanao del Norte	1,268	1,300	1,320	1,210	1,277	1,305	1,330	1,358	1,385	1,393
Misamis Occidental	221	660	700	761	808	889	923	945	952	960
Misamis Oriental	61	127	148	169	150	190	241	278	315	302
Davao Region	2,946	2,909	2,913	2,937	3,048	3,216	3,185	3,257	3,610	3,571
Davao del Norte	336	343	337	338	339	355	371	369	378	368
Davao del Sur	587	540	516	522	506	519	527	527	534	521
Davao Oriental	304	305	301	296	294	301	302	290	319	281
Compostela Valley	1,602	1,601	1,641	1,664	1,783	1,808	1,704	1,760	2,017	2,031
Davao City	117	120	118	118	125	233	282	310	362	371
SOCCSKSARGEN	4,231	4,022	4,060	4,230	4,415	4,567	4,778	4,989	5,106	4,446
North Cotabato	3,786	3,566	3,600	3,754	3,946	4,109	4,302	4,528	4,645	3,992
Sarangani	85	86	90	97	92	97	99	86	85	82
South Cotabato	26	30	40	46	49	57	75	78	76	77
Sultan Kudarat	334	340	330	333	329	303	301	298	300	295
Caraga	14,292	14,909	14,460	14,230	14,134	12,385	12,400	11,253	11,151	12,607
Agusan del Norte	655	722	726	710	633	569	587	706	772	857
Agusan del Sur	9,749	10,199	9,837	9,886	10,148	8,843	9,152	8,048	8,128	9,418
Dinagat Islands	..	..	..	..	..	..	..	200	170	162
Surigao del Norte	2,348	2,445	2,345	2,233	2,049	1,698	1,401	935	754	668
Surigao del Sur	1,540	1,543	1,552	1,401	1,304	1,275	1,260	1,365	1,327	1,502
ARMM	1,010	1,006	1,021	1,014	993	972	993	1,015	1,029	1,031
Basilan	91	93	95	90	89	92	93	95	94	93
Lanao del Sur	378	383	388	389	381	373	399	421	433	430
Maguindanao	93	85	84	87	85	79	76	75	76	77
Sulu	439	437	448	444	434	425	421	420	423	429
Tawi-tawi	9	8	6	5	5	4	4	3	3	3

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Garlic										
Philippines	12,581	11,285	11,348	10,451	9,563	9,056	8,808	8,986	8,993	10,420
NCR										
CAR	20	20	17	16	14	13	14	13	11	12
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	6	6	3	2	2	..	..	..	..	..
Kalinga	14	14	14	13	13	13	14	13	11	12
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	9,378	8,267	8,235	7,478	6,540	6,034	5,623	5,718	6,005	7,263
Ilocos Norte	7,778	7,983	7,985	7,224	6,284	5,756	5,341	5,436	5,706	6,934
Ilocos Sur	1,578	268	237	242	245	268	273	274	290	321
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	22	16	14	12	11	10	9	8	8	7
Cagayan Valley	153	220	218	214	185	196	455	610	618	641
Batanes	..	..	..	..	..	..	317	343	351	388
Cagayan	5	40	43	49	42	45	44	46	42	39
Isabela	63	53	24	10	3	4	3	1	0	0
Nueva Vizcaya	84	128	151	156	140	148	90	220	225	214
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	304	313	325	329	324	321	320	317	364	372
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	304	313	325	329	324	321	320	317	364	358
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	14
CALABARZON	617	465	439	380	332	293	257	235	95	94
Batangas	37	28	28	26	24	21	17	22	20	17
Cavite	47	42	31	38	38	35	15	17	17	16
Laguna	5	4	2	2	2	0	3	8	6	4
Quezon	529	390	379	313	268	236	221	188	52	57
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	2,001	1,912	2,049	1,988	2,127	2,161	2,114	2,010	1,795	1,943
Marinduque	20	19	19	19	17	17	17	17	17	17
Occidental Mindoro	1,871	1,788	1,932	1,874	2,012	2,054	2,010	1,908	1,691	1,739
Oriental Mindoro	46	47	47	44	48	51	50	54	61	165
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	63	57	51	51	50	39	37	32	26	22
Bicol Region	3	3	3	2	2	2	2	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	3	3	3	2	2	2	2	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	98	81	60	40	35	32	20	80	100	89
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	98	81	60	40	35	32	20	80	100	89
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	4	..	..	..	..	..	..	..	1	1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	4	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	1	1
Eastern Visayas	4	4	4	4	4	4	4	4	4	4
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	4	4	4	4	4	4	4	4	4	4
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Ginger										
Philippines	27,261	27,946	27,538	27,415	27,097	27,755	27,677	28,216	27,197	26,623
NCR										
CAR	1,061	1,078	1,053	1,040	996	960	955	940	946	924
Abra	111	114	116	119	121	117	119	120	136	142
Apayao	42	57	62	62	55	53	40	37	40	43
Benguet	280	277	273	266	251	237	237	238	222	188
Ifugao	578	580	560	550	528	514	520	505	508	505
Kalinga	27	27	28	30	28	28	30	31	30	37
Mountain Province	24	23	14	14	13	10	10	10	10	10
Ilocos Region	682	712	751	787	789	844	866	880	909	948
Ilocos Norte	413	412	412	422	417	418	423	424	431	451
Ilocos Sur	28	45	63	75	83	95	108	113	106	114
La Union	127	132	149	164	169	201	205	208	236	254
Pangasinan	113	122	127	125	121	129	131	135	137	129
Cagayan Valley	5,566	6,160	5,574	5,462	5,244	5,162	5,039	5,249	5,322	5,059
Batanes	..	..	..	..	..	..	46	44	39	17
Cagayan	1,291	1,385	1,338	1,347	1,087	1,151	1,196	1,293	1,250	1,054
Isabela	1,038	995	668	457	385	248	129	105	127	127
Nueva Vizcaya	3,140	3,678	3,468	3,548	3,679	3,669	3,566	3,690	3,767	3,671
Quirino	97	102	100	110	93	94	102	117	139	190
Central Luzon	1,055	1,140	1,173	1,140	1,149	1,160	1,181	1,178	1,211	1,220
Aurora	69	73	82	79	88	94	96	98	105	114
Bataan	57	59	59	60	60	62	60	60	58	60
Bulacan	273	296	295	277	281	278	280	271	290	291
Nueva Ecija	481	529	539	523	518	516	515	515	511	503
Pampanga	5	5	7	8	7	8	9	12	11	10
Tarlac	113	115	124	121	113	107	109	107	110	108
Zambales	57	64	67	72	82	96	112	114	127	134
CALABARZON	4,969	4,921	4,707	4,463	4,386	4,521	3,868	3,913	3,718	3,695
Batangas	1,915	1,913	1,938	1,912	1,937	2,091	1,302	1,248	1,001	932
Cavite	279	282	279	273	318	315	339	331	413	409
Laguna	170	159	169	171	180	184	188	190	142	146
Quezon	2,540	2,510	2,264	2,050	1,892	1,869	1,975	2,077	2,096	2,137
Rizal	65	57	58	56	59	61	64	66	67	72
MIMAROPA	290	297	313	324	362	441	481	530	577	596
Marinduque	37	37	37	37	36	36	37	37	35	33
Occidental Mindoro	60	55	53	50	46	52	57	59	64	64
Oriental Mindoro	30	31	31	32	32	32	34	46	51	59
Palawan	77	87	103	115	159	225	251	281	323	330
Romblon	86	87	90	90	89	96	102	107	104	109
Bicol Region	248	247	295	292	294	293	306	327	317	319
Albay	86	92	94	91	93	90	96	104	95	93
Camarines Norte	24	24	21	20	19	19	21	22	21	20
Camarines Sur	106	98	97	94	89	86	89	89	87	85
Catanduanes	19	20	20	20	20	19	20	20	20	20
Masbate	..	..	50	54	59	65	65	75	78	85
Sorsogon	13	13	13	13	13	13	15	16	16	16
Western Visayas	1,587	1,526	1,398	1,418	1,313	1,377	1,434	1,409	1,388	1,349
Aklan	205	199	201	209	202	210	218	202	198	207
Antique	435	389	310	270	246	222	207	198	188	189
Capiz	176	165	176	227	218	242	255	266	259	250
Guimaras	7	7	6	5	4	4	4	4	5	4
Iloilo	280	282	229	216	196	218	244	229	206	171
Negros Occidental	483	483	476	491	447	482	506	510	532	527
Central Visayas	1,817	1,696	1,722	1,675	1,686	1,800	1,798	1,851	1,897	1,874
Bohol	435	498	474	468	479	508	493	618	690	689
Cebu	1,223	1,034	963	921	903	939	927	882	898	910
Negros Oriental	137	144	262	262	282	327	352	326	287	254
Siquijor	22	21	23	24	23	26	26	26	22	21
Eastern Visayas	2,064	2,110	2,132	2,153	2,132	2,175	2,206	2,174	1,845	1,875
Biliran	313	317	325	319	330	331	332	326	324	326
Eastern Samar	31	33	35	36	37	37	37	37	37	39
Leyte	1,501	1,528	1,527	1,550	1,515	1,546	1,557	1,519	1,200	1,220
Northern Samar	15	16	24	25	25	26	29	30	31	37
Southern Leyte	139	148	155	160	163	172	191	198	195	203
Samar (Western Samar)	65	68	65	64	63	63	61	65	59	52
Zamboanga Peninsula	568	563	576	568	565	579	630	673	673	648
Zamboanga del Norte	219	217	232	229	233	222	226	235	223	208
Zamboanga del Sur	177	176	170	160	156	164	170	206	234	225
Zamboanga Sibugay	53	57	58	60	61	70	105	101	95	100
Zamboanga City	120	112	115	119	115	124	128	131	121	115
Northern Mindanao	4,029	4,238	4,678	4,864	5,022	5,360	5,713	5,977	5,703	5,523
Bukidnon	109	113	415	442	450	505	570	545	515	408
Camiguin	10	12	16	15	24	29	28	25	18	17
Lanao del Norte	3,468	3,733	3,799	3,961	4,126	4,317	4,525	4,698	4,562	4,511
Misamis Occidental	206	230	274	284	287	346	363	378	382	375
Misamis Oriental	236	150	173	162	134	163	227	330	225	212
Davao Region	1,091	1,092	1,060	1,094	1,138	1,162	1,152	1,121	890	902
Davao del Norte	112	114	118	129	137	140	128	127	124	123
Davao del Sur	231	283	280	295	294	311	323	321	318	314
Davao Oriental	7	7	7	7	7	7	8	9	11	11
Compostela Valley	621	573	581	586	622	632	618	586	364	382
Davao City	119	115	75	76	79	72	74	78	74	72
SOCCSKSARGEN	827	772	770	883	843	817	816	775	713	636
North Cotabato	523	481	484	579	541	547	569	540	471	408
Sarangani	70	71	66	69	60	50	49	44	41	40
South Cotabato	159	168	176	181	187	164	146	150	160	147
Sultan Kudarat	74	52	45	53	55	56	52	42	41	41
Caraga	513	506	477	373	307	230	253	213	193	171
Agusan del Norte	129	136	133	106	79	48	48	52	37	30
Agusan del Sur	262	250	238	159	128	116	145	99	98	87
Dinagat Islands	..	..	..	..	..	..	..	4	3	2
Surigao del Norte	56	49	39	41	35	22	16	13	11	11
Surigao del Sur	66	71	68	67	65	45	44	47	44	41
ARMM	894	888	860	879	872	875	978	1,006	894	884
Basilan	24	25	24	25	25	26	26	26	25	23
Lanao del Sur	742	734	712	723	717	720	820	848	735	727
Maguindanao	127	129	124	130	127	126	128	128	129	128
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	0	1	1	2	2	2	4	4	4	6

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gourd										
Philippines	113,422	106,291	104,029	102,787	97,586	93,780	92,588	88,464	83,218	82,737
NCR										
CAR	1,281	1,282	1,288	1,289	1,307	1,308	1,316	1,293	1,324	1,200
Abra	1,056	1,073	1,082	1,094	1,115	1,114	1,114	1,085	1,111	980
Apayao	3	3	3	3	2	2	9	12	15	17
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	206	206	202	193	182	184	184	187	187	192
Kalinga	..	..	..	..	8	8	9	10	11	11
Mountain Province	17	..	..	..	..	..	..	..	..	..
Ilocos Region	11,258	11,521	10,754	10,313	10,509	10,252	10,634	10,774	10,985	10,860
Ilocos Norte	2,978	2,970	2,909	2,900	2,945	2,989	3,031	3,041	3,068	3,064
Ilocos Sur	1,416	1,223	1,097	1,068	1,098	1,082	1,097	1,126	1,113	1,142
La Union	1,745	1,965	1,945	1,978	1,902	1,871	1,835	1,820	1,886	1,762
Pangasinan	5,118	5,363	4,802	4,368	4,564	4,309	4,671	4,788	4,919	4,892
Cagayan Valley	13,286	13,961	14,949	14,460	12,906	12,748	12,319	11,551	9,849	9,758
Batanes	..	..	..	..	..	..	24	24	21	15
Cagayan	4,198	4,761	5,394	5,229	4,156	4,474	4,710	5,088	4,536	4,602
Isabela	8,578	8,545	8,860	8,594	8,245	7,763	7,104	6,000	4,855	4,704
Nueva Vizcaya	250	390	431	354	298	334	305	257	252	235
Quirino	260	265	264	284	208	178	176	182	185	202
Central Luzon	9,131	9,805	9,726	9,715	9,636	9,661	9,687	9,731	9,245	9,400
Aurora	48	56	61	65	71	69	68	59	74	75
Bataan	89	86	87	85	86	81	75	69	95	94
Bulacan	1,481	1,801	1,946	1,942	1,921	1,931	1,902	1,855	1,963	2,001
Nueva Ecija	6,243	6,544	6,298	6,273	6,231	6,268	6,301	6,425	5,724	5,799
Pampanga	792	798	807	793	770	752	762	737	752	798
Tarlac	143	147	149	149	145	142	136	128	140	137
Zambales	336	374	378	407	413	418	443	458	497	497
CALABARZON	38,568	30,843	29,851	30,868	30,581	29,943	29,369	27,750	25,547	25,731
Batangas	21,707	14,446	14,131	15,364	16,471	15,630	15,320	13,960	13,430	13,911
Cavite	3,872	4,101	4,155	3,982	2,605	2,619	2,656	2,733	2,323	2,148
Laguna	4,272	4,175	3,866	3,718	3,918	3,902	3,825	3,735	2,396	2,155
Quezon	8,610	8,019	7,591	7,688	7,475	7,676	7,451	7,197	7,263	7,378
Rizal	107	103	108	117	112	115	117	125	135	138
MIMAROPA	434	432	447	464	487	506	517	559	583	623
Marinduque	227	226	228	231	230	233	237	238	233	253
Occidental Mindoro	30	28	36	35	35	35	37	46	50	61
Oriental Mindoro	39	41	40	36	37	39	39	43	47	45
Palawan	71	73	78	96	116	129	132	159	176	185
Romblon	66	65	66	67	68	71	72	74	78	79
Bicol Region	2,789	3,670	3,514	3,309	3,326	3,223	3,315	3,417	3,323	3,331
Albay	664	675	682	672	692	663	676	729	651	647
Camarines Norte	1,449	1,610	1,435	1,231	1,218	1,211	1,245	1,267	1,281	1,329
Camarines Sur	78	81	78	74	75	75	76	76	75	76
Catanduanes	262	280	279	270	272	255	263	272	260	252
Masbate	139	813	824	848	844	792	820	839	822	790
Sorsogon	197	211	216	214	226	226	235	234	234	238
Western Visayas	2,464	2,448	2,366	2,481	2,467	2,533	2,532	2,505	2,528	2,516
Aklan	68	68	67	65	64	63	65	57	43	40
Antique	102	80	68	74	59	42	32	35	35	32
Capiz	304	291	267	270	283	289	312	308	285	288
Guimaras	56	54	55	56	57	60	63	60	65	62
Iloilo	558	584	531	552	531	508	518	503	523	526
Negros Occidental	1,376	1,371	1,378	1,464	1,474	1,571	1,543	1,543	1,577	1,568
Central Visayas	8,200	7,722	7,416	7,848	5,682	4,494	4,167	3,239	3,003	2,606
Bohol	476	498	398	318	263	264	142	117	167	146
Cebu	5,165	4,711	4,319	5,022	4,154	3,050	2,828	2,643	2,380	2,050
Negros Oriental	2,513	2,465	2,647	2,453	1,217	1,128	1,149	431	416	378
Siquijor	45	49	52	55	48	52	48	47	40	31
Eastern Visayas	3,643	3,691	3,664	3,710	3,685	3,730	3,770	3,480	3,350	3,449
Biliran	443	428	422	407	428	429	429	426	400	401
Eastern Samar	64	65	66	66	67	67	68	64	55	56
Leyte	2,290	2,321	2,281	2,338	2,296	2,338	2,381	2,146	2,054	2,135
Northern Samar	39	56	67	69	71	72	74	78	80	75
Southern Leyte	617	628	637	639	641	653	655	656	649	670
Samar (Western Samar)	189	193	192	190	183	171	163	110	112	111
Zamboanga Peninsula	11,602	10,127	8,972	8,181	6,778	5,833	5,186	4,152	3,459	3,311
Zamboanga del Norte	1,339	1,289	1,289	1,187	1,172	1,094	1,039	840	849	780
Zamboanga del Sur	2,681	1,916	1,493	1,310	984	649	478	335	341	280
Zamboanga Sibugay	1,964	1,871	1,730	1,566	1,369	1,163	768	547	261	213
Zamboanga City	5,617	5,051	4,461	4,119	3,253	2,927	2,901	2,430	2,008	2,038
Northern Mindanao	3,657	3,502	3,718	3,406	3,467	3,482	3,538	3,525	3,498	3,455
Bukidnon	253	261	270	261	243	225	214	212	195	203
Camiguin	43	43	53	48	45	42	39	36	38	37
Lanao del Norte	1,716	1,733	1,790	1,509	1,540	1,498	1,529	1,537	1,499	1,475
Misamis Occidental	403	434	464	503	528	564	569	521	523	526
Misamis Oriental	1,242	1,030	1,141	1,086	1,111	1,153	1,187	1,219	1,243	1,215
Davao Region	3,016	3,098	3,088	3,107	3,150	3,114	3,106	3,227	3,223	3,161
Davao del Norte	761	812	831	871	887	917	916	916	930	951
Davao del Sur	339	348	346	347	357	346	356	361	377	384
Davao Oriental	1,221	1,208	1,201	1,185	1,163	1,123	1,120	1,124	1,144	1,035
Compostela Valley	319	354	356	349	388	375	346	443	378	385
Davao City	375	375	354	355	355	353	368	383	394	404
SOCCSKSARGEN	1,451	1,501	1,500	1,517	1,444	1,428	1,438	1,511	1,509	1,456
North Cotabato	373	397	421	437	461	478	501	530	540	501
Sarangani	300	306	280	281	248	261	260	263	269	255
South Cotabato	129	126	156	145	139	131	111	162	156	158
Sultan Kudarat	649	673	643	654	596	559	566	555	543	543
Caraga	1,804	1,847	1,922	1,276	1,323	716	840	905	945	1,031
Agusan del Norte	1,099	1,133	1,180	725	754	323	446	516	524	471
Agusan del Sur	242	248	277	220	252	216	244	258	296	431
Dinagat Islands	..	..	..	..	..	..	..	17	16	15
Surigao del Norte	376	374	368	238	219	111	87	49	44	38
Surigao del Sur	87	93	97	94	98	65	64	65	65	76
ARMM	838	840	854	840	837	810	853	845	846	846
Basilan	143	147	148	143	141	143	176	177	181	181
Lanao del Sur	151	147	145	147	146	146	156	159	153	154
Maguindanao	278	280	297	290	291	270	266	265	267	266
Sulu	204	204	208	206	205	207	214	207	211	212
Tawi-tawi	62	62	57	55	54	44	42	37	35	34

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Habitchuelas										
Philippines	13,493	15,922	16,897	16,187	15,820	15,426	15,328	15,423	15,306	14,745
NCR										
CAR	6,403	8,321	8,374	8,119	8,196	7,961	8,108	8,120	8,092	7,757
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	5	5	6	6	5	6	6	7	9	10
Benguet	3,982	5,564	5,578	5,468	5,731	5,551	5,713	5,714	5,687	5,583
Ifugao	1,625	1,628	1,623	1,598	1,554	1,507	1,513	1,512	1,536	1,472
Kalinga	59	56	59	57	56	57	63	71	68	66
Mountain Province	733	1,068	1,107	990	850	839	812	815	792	627
Ilocos Region	328	342	350	339	322	321	335	350	358	358
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	12	11	12	13	14	14	14
La Union	228	239	245	231	219	219	227	238	250	254
Pangasinan	100	104	105	96	92	90	95	99	94	89
Cagayan Valley	3,846	4,233	4,965	4,421	3,904	3,434	3,097	2,777	2,580	2,471
Batanes	..	..	..	..	..	..	6	4	4	4
Cagayan	50	89	99	108	113	119	94	103	98	103
Isabela	1,072	1,116	1,214	1,027	661	323	158	77	19	20
Nueva Vizcaya	2,680	2,971	3,588	3,224	3,084	2,942	2,791	2,545	2,412	2,303
Quirino	44	57	64	61	47	49	47	48	47	41
Central Luzon	43	46	47	48	47	47	47	46	45	44
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	43	46	47	48	47	47	47	46	45	44
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	109	149	150	135	135	164	188	191	192	209
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	9	5	4	3	..	..	..	..	..	..
Laguna	26	73	68	65	72	100	125	130	129	137
Quezon	74	71	79	67	64	64	63	61	63	72
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0	0	0	..	..	..	..	..	..	3
Marinduque	0	0	0	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	3
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	768	786	800	806	813	816	834	871	683	703
Albay	307	313	328	340	358	374	395	430	255	271
Camarines Norte	0	0	..	..	..	..	..	..	..	..
Camarines Sur	460	472	472	465	454	441	439	441	427	432
Catanduanes	1	1	1	1	1	1	1	1	1	1
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	132	132	129	126	133	135	134	139	156	153
Aklan	4	7	6	7	7	7	7	6	7	7
Antique	..	4	5	5	5	6	7	8	8	8
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	82	78	72	69	76	75	72	78	92	90
Negros Occidental	45	44	45	44	44	46	47	47	50	48
Central Visayas	465	450	565	646	768	1,004	1,045	1,354	1,592	1,489
Bohol	48	41	40	55	51	39	30	22	16	11
Cebu	385	383	470	494	621	872	916	1,090	1,301	1,258
Negros Oriental	27	26	54	97	96	92	98	241	275	220
Siquijor	5	1	1	1	1	1	1	1	1	0
Eastern Visayas	502	508	501	496	481	487	475	397	301	312
Biliran	4	4	4	4	4	4	4	4	4	4
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	407	411	402	395	388	392	392	354	276	287
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	91	93	95	97	89	92	79	39	22	21
Zamboanga Peninsula	58	57	58	60	60	64	63	139	181	191
Zamboanga del Norte	20	18	17	19	18	19	19	23	23	20
Zamboanga del Sur	20	21	21	20	20	21	19	89	123	135
Zamboanga Sibugay	5	4	4	4	5	5	6	5	5	5
Zamboanga City	14	15	17	17	17	18	19	21	30	30
Northern Mindanao	436	462	522	579	560	596	595	611	666	585
Bukidnon	267	278	307	344	323	335	340	354	366	310
Camiguin	0	0	2	3	3	3	3	3	2	2
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	23	24	29	44	48	53	60	73	79	80
Misamis Oriental	145	160	184	187	185	205	192	182	218	193
Davao Region	137	146	146	143	148	137	138	146	159	163
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	19	21	20	21	20	20	21	21	23	24
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	66	72	74	71	76	64	60	65	73	76
Davao City	52	53	52	51	52	53	58	60	64	63
SOCCSKSARGEN	223	255	255	240	214	225	236	245	260	226
North Cotabato	164	206	199	180	151	158	165	172	183	150
Sarangani	16	16	15	14	11	9	9	8	7	6
South Cotabato	16	19	27	33	39	45	49	54	60	60
Sultan Kudarat	27	14	14	13	13	13	12	11	10	10
Caraga	31	28	27	24	33	30	31	32	35	77
Agusan del Norte	1	1	1	1	1	0	1	0	1	1
Agusan del Sur	30	27	26	23	32	30	30	31	34	77
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	11	8	7	6	6	5	4	4	4	4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	11	8	7	6	6	5	4	4	4	4
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Kangkong										
Philippines	79,352	81,279	83,323	83,045	80,801	79,572	77,409	75,439	73,107	71,971
NCR										
CAR	14	11	7	7	7	7	8	8	9	8
Abra	6	6	6	7	7	7	7	7	8	7
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	0	0	1	0	0	0	1	1	1	1
Mountain Province	8	4	0	..	..	..	..	..	..	..
Ilocos Region	3,044	3,080	3,164	3,198	3,256	3,287	3,335	3,432	3,506	3,463
Ilocos Norte	1,684	1,712	1,747	1,736	1,749	1,740	1,764	1,820	1,861	1,770
Ilocos Sur	345	288	287	307	307	335	343	348	339	349
La Union	194	209	225	242	239	246	257	267	282	293
Pangasinan	821	871	906	913	961	965	971	996	1,024	1,052
Cagayan Valley	2,608	2,573	2,712	2,685	2,169	2,350	2,273	2,385	2,409	2,383
Batanes	..	..	..	..	..	..	1	1	1	1
Cagayan	667	673	679	578	413	457	485	553	545	520
Isabela	1,342	1,231	1,330	1,379	1,117	1,242	1,163	1,215	1,248	1,243
Nueva Vizcaya	465	530	549	560	519	532	502	483	488	495
Quirino	134	139	155	168	120	120	123	134	128	125
Central Luzon	770	907	1,082	975	1,039	1,042	994	1,001	1,141	1,182
Aurora	78	77	83	80	81	83	82	83	104	105
Bataan	120	118	118	119	118	109	105	104	153	152
Bulacan	503	638	802	694	758	765	720	726	788	828
Nueva Ecija	58	63	67	69	70	71	72	72	81	82
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	11	12	12	12	13	14	15	15	16	16
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	7,910	7,629	7,052	6,840	6,214	6,623	6,136	6,151	5,928	5,449
Batangas	173	194	222	228	235	387	388	385	337	304
Cavite	1,185	1,205	1,202	1,188	874	886	778	764	738	743
Laguna	1,023	1,037	1,043	1,053	1,025	1,065	1,039	1,035	1,025	792
Quezon	5,265	4,894	4,250	4,032	3,720	3,922	3,566	3,574	3,407	3,228
Rizal	265	299	335	338	360	363	365	393	422	382
MIMAROPA	1,785	1,805	1,871	1,938	1,948	1,981	2,033	2,057	2,065	2,052
Marinduque	470	464	469	480	469	461	475	486	480	468
Occidental Mindoro	454	466	509	534	538	553	572	577	602	619
Oriental Mindoro	246	251	254	275	284	292	299	303	303	296
Palawan	444	453	461	466	474	483	490	494	500	500
Romblon	171	172	177	183	184	192	198	197	180	170
Bicol Region	4,569	4,743	4,904	4,820	4,775	4,710	4,635	4,468	3,927	3,968
Albay	2,472	2,576	2,610	2,460	2,359	2,208	2,076	1,868	1,347	1,398
Camarines Norte	431	444	448	455	447	461	450	446	448	438
Camarines Sur	636	658	730	761	770	800	820	836	820	841
Catanduanes	358	332	343	333	347	341	345	359	356	355
Masbate	..	..	3	3	2	3	9	13	13	13
Sorsogon	672	733	770	808	850	898	935	947	943	922
Western Visayas	9,054	9,127	9,355	9,118	9,036	9,153	9,157	8,472	7,814	7,436
Aklan	2,249	2,248	2,268	2,278	2,226	2,232	2,205	2,106	1,696	1,705
Antique	553	659	740	868	888	932	921	853	806	793
Capiz	540	598	614	649	656	678	726	761	726	683
Guimaras	864	782	753	697	612	541	489	455	426	363
Iloilo	3,454	3,483	3,557	3,137	3,190	3,288	3,320	2,797	2,645	2,385
Negros Occidental	1,394	1,357	1,423	1,489	1,464	1,483	1,496	1,500	1,515	1,508
Central Visayas	2,736	2,821	3,339	3,236	2,805	1,665	1,597	1,621	1,478	1,387
Bohol	1,300	1,394	1,635	1,401	1,224	609	474	440	270	256
Cebu	396	396	445	493	461	366	416	452	471	452
Negros Oriental	1,033	1,024	1,249	1,330	1,109	679	697	718	727	668
Siquijor	7	7	10	12	11	11	11	11	11	11
Eastern Visayas	12,065	12,240	12,462	12,688	12,340	11,696	9,732	8,473	7,016	7,089
Biliran	182	213	213	200	158	134	101	70	61	55
Eastern Samar	21	22	22	23	24	24	25	25	24	24
Leyte	7,887	7,972	8,115	8,361	8,077	7,547	6,900	5,864	4,812	5,035
Northern Samar	123	128	133	138	142	147	128	134	137	129
Southern Leyte	2,829	2,850	2,854	2,865	2,904	2,970	1,995	1,968	1,624	1,512
Samar (Western Samar)	1,024	1,055	1,125	1,102	1,035	874	584	413	358	333
Zamboanga Peninsula	6,466	6,348	6,452	6,440	5,929	5,712	5,631	5,480	5,587	5,562
Zamboanga del Norte	5,788	5,632	5,688	5,647	5,123	4,864	4,739	4,187	4,139	4,062
Zamboanga del Sur	131	140	177	177	190	207	215	502	642	690
Zamboanga Sibugay	27	30	32	35	37	61	92	116	114	110
Zamboanga City	519	546	555	581	579	580	585	676	693	700
Northern Mindanao	3,615	3,654	3,710	3,408	3,420	3,482	3,591	3,569	3,463	3,444
Bukidnon	1,083	1,075	860	820	750	695	702	673	630	610
Camiguin	81	84	100	112	116	120	122	122	120	122
Lanao del Norte	816	842	850	904	956	978	1,010	950	962	951
Misamis Occidental	494	458	537	576	599	660	682	684	691	700
Misamis Oriental	1,141	1,195	1,363	996	998	1,029	1,075	1,140	1,060	1,061
Davao Region	4,123	4,213	4,232	4,267	4,291	4,402	4,423	4,459	4,636	4,543
Davao del Norte	1,080	1,127	1,163	1,200	1,215	1,240	1,244	1,242	1,272	1,288
Davao del Sur	1,273	1,287	1,269	1,278	1,297	1,314	1,329	1,411	1,410	1,333
Davao Oriental	1,013	1,020	1,009	990	968	989	978	928	975	921
Compostela Valley	278	294	301	314	317	325	328	326	388	395
Davao City	479	485	490	485	493	535	543	552	591	606
SOCCSKSARGEN	4,676	4,774	5,091	5,241	5,238	5,376	5,461	5,517	5,648	5,556
North Cotabato	3,074	3,181	3,340	3,459	3,553	3,710	3,823	3,876	3,989	3,941
Sarangani	343	350	362	366	344	363	360	341	334	325
South Cotabato	540	510	636	653	595	551	525	543	571	538
Sultan Kudarat	720	734	752	763	746	751	754	757	754	752
Caraga	1,860	2,034	1,925	1,879	1,828	1,635	1,546	1,390	1,382	1,270
Agusan del Norte	267	285	291	251	220	250	267	270	241	213
Agusan del Sur	887	1,011	871	900	887	833	978	849	903	852
Dinagat Islands	..	..	..	..	..	..	..	13	9	8
Surigao del Norte	629	646	666	648	632	461	210	163	133	110
Surigao del Sur	77	92	98	80	89	91	92	95	96	87
ARMM	14,056	15,321	15,964	16,306	16,507	16,452	16,857	16,956	17,097	17,177
Basilan	310	316	322	349	344	354	361	364	361	359
Lanao del Sur	151	148	144	136	132	136	129	124	130	130
Maguindanao	12,603	13,900	14,650	15,153	15,455	15,467	15,910	16,053	16,214	16,308
Sulu	756	729	636	476	405	340	312	287	273	261
Tawi-tawi	236	227	211	192	171	156	145	128	119	119

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Lettuce										
Philippines	3,348	3,335	3,566	3,577	3,634	3,519	3,647	4,041	4,061	3,810
NCR										
CAR	1,369	1,388	1,404	1,395	1,486	1,233	1,270	1,283	1,291	1,204
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,196	1,243	1,278	1,269	1,372	1,129	1,157	1,161	1,155	1,082
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	174	145	126	126	114	104	112	122	135	121
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	2	..	..	..	..	0	1	2	3	4
Batanes	..	..	..	..	..	..	1	1	1	1
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	2	..	..	..	..	..	..	1	2	3
Nueva Vizcaya	..	..	..	..	..	0	0	0	0	0
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	133	127	131	118	110	109	137	219	274	314
Batangas	4	6	9	6	6	6	4	2	3	2
Cavite	108	111	113	103	96	98	108	115	112	150
Laguna	21	10	8	8	8	5	25	102	160	163
Quezon	..	..	1	0	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	6	6	7
Marinduque	..	..	..	..	..	..	..	6	6	7
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	11	18	19	19	18	28	33	35	35	55
Aklan	0	0	0	1	1	1	1	1	1	1
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	0	0
Iloilo	11	18	19	19	17	28	32	34	34	54
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	86	102	157	173	201	267	317	605	612	552
Bohol	..	..	1	..	3	3	7	10	6	5
Cebu	50	52	55	57	52	75	97	100	115	112
Negros Oriental	36	50	101	116	146	189	213	494	489	434
Siquijor	..	..	..	..	0	..	0	0	1	0
Eastern Visayas	1	1	1	1	1	1	1	1	1	1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	1	1	1	1	1	1	1	1	1	1
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	17	17	17	19	18	20	21	23	24	24
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	17	17	17	19	18	20	21	23	24	24
Northern Mindanao	1,673	1,625	1,783	1,795	1,757	1,816	1,821	1,818	1,759	1,593
Bukidnon	1,654	1,575	1,720	1,755	1,740	1,795	1,790	1,780	1,720	1,560
Camiguin	0	0	0	0	0	5	2	2	1	2
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	19	50	63	40	17	16	29	36	38	32
Davao Region	5	5	5	5	5	5	5	5	6	6
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	1	1	1	1	1	1	1	1	1	1
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	4	4	4	4	4	4	4	4	5	5
SOCCSKSARGEN	51	52	49	52	37	40	41	45	49	49
North Cotabato	49	49	48	51	37	39	40	44	49	49
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	2	2	1	1	1	0	0	0	0	0
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	1	0	0	..	0	..
Agusan del Norte	..	..	..	..	1	0	0	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	0	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mongo										
Philippines	25,952	29,067	29,617	27,694	27,055	32,960	32,366	32,422	32,144	33,623
NCR										
CAR	126	143	142	139	131	141	141	134	133	128
Abra	..	..	..	..	..	12	12	12	13	13
Apayao	6	4	5	4	3	4	4	5	5	6
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	83	82	77	76	73	69	70	69	68	63
Kalinga	24	25	26	25	24	25	25	25	26	28
Mountain Province	12	32	34	34	31	32	30	23	21	18
Ilocos Region	11,592	11,767	11,342	11,293	11,146	11,080	11,230	11,473	12,105	11,875
Ilocos Norte	4,653	4,615	4,921	4,843	4,994	4,918	4,988	4,900	4,989	5,073
Ilocos Sur	655	719	691	755	733	807	810	838	873	906
La Union	175	179	200	195	183	180	176	181	193	200
Pangasinan	6,110	6,253	5,531	5,500	5,236	5,176	5,256	5,554	6,050	5,696
Cagayan Valley	1,574	3,399	4,957	3,692	3,950	10,028	9,032	8,453	7,164	8,252
Batanes	..	..	..	..	..	..	1	1	1	1
Cagayan	469	620	619	467	443	509	454	492	617	727
Isabela	1,092	2,766	4,323	3,208	3,495	9,508	8,565	7,951	6,479	7,420
Nueva Vizcaya	..	..	1	1	..	1	2	2	60	96
Quirino	13	13	14	16	12	11	10	9	8	9
Central Luzon	2,134	2,224	2,275	2,299	2,201	2,554	2,918	3,298	3,489	3,880
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	4	4	4	4	4	4	3	3	4	4
Bulacan	30	25	22	19	18	24	24	26	27	63
Nueva Ecija	48	49	51	52	51	52	50	50	51	133
Pampanga	22	23	25	24	22	30	39	36	46	53
Tarlac	1,996	2,086	2,141	2,166	2,074	2,409	2,764	3,145	3,323	3,558
Zambales	34	37	33	34	34	35	37	38	40	70
CALABARZON	211	192	171	157	132	136	117	107	93	103
Batangas	18	19	21	22	20	18	9	4	4	4
Cavite	8	7	3	3	3	3	3	3	3	3
Laguna	..	..	..	..	..	0	0	0	0	0
Quezon	180	162	142	129	105	112	101	96	81	89
Rizal	5	5	5	4	4	4	4	4	5	7
MIMAROPA	515	528	560	591	597	640	663	719	727	768
Marinduque	48	47	45	46	44	43	44	48	47	51
Occidental Mindoro	409	427	449	478	483	526	545	596	592	628
Oriental Mindoro	2	3	3	2	3	3	4	5	14	14
Palawan	9	10	22	24	27	30	32	33	37	38
Romblon	46	42	41	41	40	38	38	38	36	38
Bicol Region	134	164	164	159	157	147	166	181	166	162
Albay	63	74	75	71	68	64	60	54	41	34
Camarines Norte	1	1	1	1	1	1	1	1	1	1
Camarines Sur	31	30	28	29	28	27	28	29	28	28
Catanduanes	7	7	7	7	7	7	7	7	7	8
Masbate	..	18	19	20	20	18	38	57	56	55
Sorsogon	31	33	34	32	33	30	33	33	33	37
Western Visayas	3,071	4,463	3,727	3,335	2,807	2,552	2,501	2,513	2,696	2,870
Aklan	98	101	121	112	114	113	108	112	94	95
Antique	1,702	2,803	2,215	1,929	1,536	1,186	1,079	1,078	1,028	1,053
Capiz	21	25	34	34	38	43	41	40	38	40
Guimaras	18	19	23	24	22	21	22	22	25	24
Iloilo	924	1,202	1,020	942	805	911	974	982	1,239	1,383
Negros Occidental	309	313	314	295	291	279	278	279	274	276
Central Visayas	720	644	739	691	673	584	558	575	566	539
Bohol	103	107	106	38	40	28	31	30	30	29
Cebu	405	323	328	346	324	265	249	271	277	269
Negros Oriental	181	176	265	266	271	252	244	243	231	215
Siquijor	30	38	40	42	38	39	34	30	28	26
Eastern Visayas	271	272	273	280	274	272	271	182	159	165
Biliran	3	3	3	3	3	3	3	3	2	2
Eastern Samar	10	11	11	11	11	11	12	9	9	9
Leyte	236	236	235	242	236	234	233	148	126	133
Northern Samar	2	3	5	5	5	5	5	5	6	5
Southern Leyte	6	6	7	7	7	7	7	7	7	8
Samar (Western Samar)	12	12	12	12	11	12	11	9	9	8
Zamboanga Peninsula	250	226	249	238	210	198	198	220	239	232
Zamboanga del Norte	28	28	67	72	57	57	58	69	72	70
Zamboanga del Sur	119	102	86	73	65	57	55	61	80	78
Zamboanga Sibugay	50	46	45	44	37	32	32	32	27	26
Zamboanga City	53	50	52	50	51	52	53	59	60	59
Northern Mindanao	343	349	347	372	377	373	373	375	366	377
Bukidnon	41	41	30	40	33	32	28	37	42	39
Camiguin	1	1	3	3	2	2	2	2	1	1
Lanao del Norte	224	229	234	248	258	246	254	242	231	239
Misamis Occidental	36	36	38	43	50	56	57	60	65	74
Misamis Oriental	41	42	42	39	33	36	32	35	27	25
Davao Region	1,093	1,055	1,032	1,033	993	946	931	918	952	935
Davao del Norte	456	462	464	470	465	481	466	469	478	471
Davao del Sur	441	399	382	384	355	329	338	337	347	334
Davao Oriental	46	46	45	43	39	37	36	36	43	42
Compostela Valley	42	42	39	38	35	23	18	9	7	7
Davao City	109	106	103	98	99	76	72	68	78	81
SOCCSKSARGEN	584	535	511	520	494	466	482	488	473	446
North Cotabato	379	379	368	358	347	344	343	337	321	303
Sarangani	46	45	42	43	28	30	31	33	32	27
South Cotabato	21	22	35	39	30	33	49	71	75	70
Sultan Kudarat	138	89	66	80	89	59	58	47	44	45
Caraga	152	122	123	93	146	117	164	152	182	239
Agusan del Norte	52	54	55	31	45	26	32	24	24	22
Agusan del Sur	51	16	17	14	55	59	105	98	128	188
Dinagat Islands	..	..	..	..	..	..	..	1	1	1
Surigao del Norte	29	29	28	28	26	18	12	11	12	8
Surigao del Sur	20	22	23	20	20	14	15	17	18	21
ARMM	3,183	2,985	3,005	2,801	2,767	2,725	2,620	2,635	2,633	2,652
Basilan	12	12	12	11	11	10	9	9	9	9
Lanao del Sur	21	22	21	22	22	21	21	22	22	23
Maguindanao	3,047	2,852	2,865	2,665	2,635	2,590	2,491	2,508	2,510	2,532
Sulu	97	94	102	99	96	100	95	92	88	84
Tawi-tawi	5	5	5	4	3	4	4	4	4	4

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Okra										
Philippines	26,709	27,886	29,485	29,710	29,716	29,129	29,774	30,122	30,274	30,638
NCR										
CAR	30	31	31	32	34	34	40	47	50	50
Abra	21	21	22	22	23	22	22	22	25	26
Apayao	1	1	1	1	1	1	6	12	13	13
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	9	9	9	9	11	11	11	13	12	11
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1,576	1,570	1,604	1,566	1,577	1,628	1,624	1,698	1,738	1,763
Ilocos Norte	691	659	662	662	646	653	663	704	715	732
Ilocos Sur	183	206	212	213	222	224	223	242	240	249
La Union	274	262	264	254	242	235	249	258	278	286
Pangasinan	428	443	466	437	467	515	489	493	505	495
Cagayan Valley	5,746	5,820	5,850	5,696	5,214	5,466	5,531	5,459	5,181	5,221
Batanes	..	..	..	..	..	..	6	6	6	5
Cagayan	1,853	2,047	1,967	1,847	1,694	1,823	1,808	1,899	1,884	2,052
Isabela	3,174	2,985	3,111	3,085	2,853	2,917	2,987	2,856	2,585	2,474
Nueva Vizcaya	678	721	696	673	604	677	677	641	643	634
Quirino	41	67	77	90	63	49	53	56	63	56
Central Luzon	9,937	10,171	10,759	10,790	10,851	10,855	10,877	10,799	10,898	11,033
Aurora	76	80	92	98	107	109	110	99	118	123
Bataan	29	31	31	32	32	34	35	35	46	48
Bulacan	1,360	1,348	1,541	1,475	1,555	1,549	1,521	1,531	1,593	1,620
Nueva Ecija	7,956	8,158	8,160	8,189	8,195	8,228	8,232	8,194	8,105	8,127
Pampanga	111	113	125	121	112	102	124	133	151	149
Tarlac	237	244	609	664	644	623	618	567	610	663
Zambales	167	197	200	211	205	212	237	240	275	304
CALABARZON	1,357	1,366	1,390	1,380	1,640	1,720	1,819	1,852	1,665	1,836
Batangas	260	300	330	355	463	512	510	539	516	630
Cavite	240	233	235	229	361	360	449	453	368	335
Laguna	717	691	687	655	653	652	651	644	597	643
Quezon	107	107	101	107	129	161	174	178	145	154
Rizal	34	36	38	34	35	35	35	38	38	74
MIMAROPA	125	127	147	162	182	197	213	258	298	327
Marinduque	18	18	19	19	20	20	21	21	21	23
Occidental Mindoro	21	22	26	30	33	31	35	37	43	55
Oriental Mindoro	13	13	13	12	14	15	15	19	26	20
Palawan	11	12	24	32	44	55	63	98	118	132
Romblon	62	63	65	69	72	77	79	83	90	96
Bicol Region	1,128	1,639	1,721	1,777	1,778	1,776	1,864	1,870	1,809	1,796
Albay	39	41	42	43	45	45	47	50	45	44
Camarines Norte	225	241	227	214	199	193	201	207	197	196
Camarines Sur	14	14	49	52	54	53	54	54	54	54
Catanduanes	15	16	17	16	17	16	16	17	17	16
Masbate	418	876	903	947	928	921	987	1,008	956	939
Sorsogon	418	451	484	506	536	547	560	535	540	546
Western Visayas	1,183	1,323	1,396	1,451	1,455	1,562	1,622	1,633	1,679	1,688
Aklan	44	48	63	66	67	69	72	70	63	61
Antique	99	138	124	107	102	109	118	124	117	121
Capiz	165	179	200	202	205	221	227	218	221	232
Guimaras	62	62	71	70	72	77	80	85	88	84
Iloilo	421	501	535	610	605	667	694	710	753	749
Negros Occidental	392	394	404	397	404	419	431	426	438	440
Central Visayas	1,441	1,386	1,950	2,119	2,194	1,402	1,478	1,597	1,659	1,571
Bohol	796	827	1,090	1,183	1,227	316	334	357	375	350
Cebu	504	398	462	513	574	605	629	643	671	655
Negros Oriental	130	145	379	403	376	460	495	577	592	545
Siquijor	11	17	18	20	18	21	20	21	21	21
Eastern Visayas	895	916	923	941	942	954	982	880	862	893
Biliran	6	7	9	9	10	10	11	10	9	13
Eastern Samar	10	10	11	12	12	12	12	11	12	12
Leyte	834	850	853	869	868	878	904	801	783	809
Northern Samar	20	22	22	23	24	24	25	26	27	27
Southern Leyte	11	11	12	12	13	13	13	13	12	13
Samar (Western Samar)	14	15	15	16	15	16	17	18	18	19
Zamboanga Peninsula	335	346	366	379	385	411	424	549	792	799
Zamboanga del Norte	108	105	108	110	107	114	129	113	116	109
Zamboanga del Sur	86	95	103	107	110	116	111	177	374	380
Zamboanga Sibugay	46	46	49	52	51	58	118	71	70	70
Zamboanga City	95	100	106	110	117	123	67	189	233	241
Northern Mindanao	1,337	1,397	1,464	1,505	1,532	1,633	1,715	1,824	1,858	1,823
Bukidnon	55	64	80	93	87	105	125	153	139	123
Camiguin	11	16	25	26	29	31	29	29	31	31
Lanao del Norte	1,113	1,054	1,058	1,076	1,082	1,079	1,097	1,106	1,108	1,087
Misamis Occidental	31	82	96	109	140	180	200	216	227	237
Misamis Oriental	127	183	205	201	194	238	264	320	353	345
Davao Region	397	478	502	519	535	539	557	571	612	611
Davao del Norte	85	99	107	116	126	133	137	137	142	154
Davao del Sur	65	123	131	139	144	155	164	167	177	170
Davao Oriental	118	117	116	113	112	109	107	108	119	111
Compostela Valley	33	40	40	42	43	44	48	58	66	68
Davao City	97	99	107	109	110	97	101	100	107	108
SOCCSKSARGEN	426	460	507	522	506	516	522	545	558	558
North Cotabato	168	184	201	211	219	226	234	248	259	259
Sarangani	65	67	71	71	56	59	59	58	58	58
South Cotabato	40	50	66	67	67	66	64	73	79	77
Sultan Kudarat	153	160	169	174	164	165	166	166	162	163
Caraga	760	821	842	837	860	403	470	504	578	629
Agusan del Norte	201	223	233	233	242	44	66	83	96	100
Agusan del Sur	243	275	271	288	279	232	287	306	354	405
Dinagat Islands	..	..	..	..	..	..	..	13	12	12
Surigao del Norte	124	124	132	133	145	64	52	31	46	34
Surigao del Sur	192	200	207	183	194	62	65	71	70	78
ARMM	35	34	33	34	33	34	35	37	38	39
Basilan	5	5	5	6	6	6	6	6	6	6
Lanao del Sur	6	6	6	6	5	5	6	7	7	7
Maguindanao	23	22	21	22	21	22	22	23	23	23
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	1	1	1	1	1	1	1	2	2	3

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Onion										
Philippines	75,978	146,108	128,923	127,055	135,377	128,387	124,890	134,239	203,651	181,208
NCR										
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	44,053	46,198	42,988	39,780	42,091	40,621	40,421	39,770	39,727	40,048
Ilocos Norte	17,577	18,203	18,171	17,991	18,528	19,992	20,570	20,275	20,299	19,908
Ilocos Sur	16,081	16,934	15,288	14,841	16,084	15,857	15,245	14,806	15,061	15,514
La Union	32	32	33	34	30	24	23	22	23	80
Pangasinan	10,363	11,028	9,497	6,915	7,448	4,748	4,582	4,668	4,344	4,547
Cagayan Valley	965	4,826	2,046	2,059	3,183	4,799	2,828	7,277	7,628	7,019
Batanes	..	..	..	..	..	..	66	69	72	72
Cagayan	7	41	43	49	42	43	43	45	42	38
Isabela	98	78	70	55	30	28	23	16	13	19
Nueva Vizcaya	860	4,706	1,934	1,954	3,112	4,728	2,695	7,147	7,502	6,890
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	30,021	77,868	70,302	72,719	74,868	73,535	72,500	73,911	142,344	115,908
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	29,994	77,850	70,289	72,703	74,678	73,500	72,481	73,854	142,279	115,835
Pampanga	6	6	4	3	3	3	4	5	5	5
Tarlac	..	..	..	..	174	18	..	36	43	49
Zambales	22	12	10	13	13	14	15	16	17	20
CALABARZON	230	200	200	206	221	366	329	390	373	298
Batangas	42	33	27	27	29	184	168	245	228	188
Cavite	189	167	172	179	192	182	161	145	145	111
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	448	16,598	13,129	12,080	14,817	8,888	8,465	12,590	13,334	17,579
Marinduque	4	4	4	4	4	4	4	4	4	4
Occidental Mindoro	440	16,591	13,123	12,074	14,800	8,870	8,448	12,571	13,314	16,575
Oriental Mindoro	..	..	..	..	13	14	13	15	16	1,000
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	3	3	3	2	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	184	367	217	176	164	149	279	231	170	297
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	184	367	217	176	164	149	279	231	170	297
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	12	..	..	..	1	2	17	5	17	4
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	12	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	5	2
Siquijor	..	..	..	..	1	2	17	5	12	2
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	16	16	16	16	14	6	2	2	2	2
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	4	4	4	4	3	2	..	2	2	2
Zamboanga Sibugay	12	12	12	12	12	4	2	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	0	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	0	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	49	36	25	19	19	20	49	63	57	53
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	11	3	..	..	..	..	..	..	..	..
South Cotabato	34	32	25	19	18	20	49	63	57	53
Sultan Kudarat	5	1	0	0	0	0	0	0	0	0
Caraga	..	..	..	..	..	..	..	..	..	1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Peanut										
Philippines	29,151	31,205	30,247	30,978	29,624	29,734	29,136	29,091	29,196	29,195
NCR										
CAR	163	137	131	124	122	121	123	126	124	110
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	5	5	5	5	3	3	4	4	4	4
Benguet	10	10	10	10	10	10	9	9	9	8
Ifugao	40	39	38	35	34	35	35	35	35	36
Kalinga	10	10	10	10	10	10	10	11	11	10
Mountain Province	98	74	67	65	66	64	65	67	66	52
Ilocos Region	12,330	13,054	11,808	11,834	12,120	11,566	11,766	11,432	11,762	11,564
Ilocos Norte	1,235	1,268	1,260	1,249	1,256	1,288	1,332	1,368	1,406	1,432
Ilocos Sur	1,468	1,554	1,614	1,612	1,535	1,572	1,537	1,568	1,610	1,635
La Union	2,933	3,245	3,110	3,151	3,015	3,051	2,915	2,897	2,720	2,758
Pangasinan	6,693	6,987	5,824	5,822	6,315	5,655	5,981	5,599	6,026	5,739
Cagayan Valley	3,579	4,072	4,056	4,432	3,393	4,373	3,908	3,976	3,644	3,887
Batanes	..	..	..	..	..	..	2	2	2	1
Cagayan	1,685	1,963	1,811	1,877	1,509	1,683	1,878	1,819	1,706	2,253
Isabela	1,089	1,257	1,374	1,927	1,321	2,153	1,497	1,637	1,417	1,112
Nueva Vizcaya	776	820	836	593	534	502	500	489	494	497
Quirino	29	31	35	36	29	35	31	28	26	23
Central Luzon	1,900	1,882	1,857	1,769	1,731	1,764	1,743	1,744	1,822	1,724
Aurora	900	890	882	821	824	829	805	783	825	842
Bataan	93	95	95	92	92	93	89	91	86	86
Bulacan	72	45	37	34	31	33	34	35	41	53
Nueva Ecija	25	30	31	31	30	30	30	30	36	35
Pampanga	181	182	190	181	177	188	200	208	220	223
Tarlac	625	636	616	604	572	584	577	591	607	474
Zambales	4	5	6	6	6	6	7	7	8	11
CALABARZON	704	756	751	738	635	651	548	523	495	517
Batangas	157	159	167	170	165	168	54	37	32	37
Cavite	209	219	221	215	134	145	162	164	144	145
Laguna	4	4	4	14	12	10	12	21	19	12
Quezon	305	345	326	306	294	297	288	270	263	283
Rizal	30	29	34	32	31	31	31	32	38	39
MIMAROPA	921	927	1,132	1,202	1,215	1,249	1,278	1,273	1,299	1,371
Marinduque	143	139	139	140	136	134	136	135	138	156
Occidental Mindoro	470	484	504	524	531	549	561	542	553	587
Oriental Mindoro	1	1	1	1	4	4	4	5	5	6
Palawan	251	250	435	484	491	507	522	536	546	565
Romblon	56	53	53	53	53	55	54	56	56	58
Bicol Region	917	956	948	945	956	931	924	869	884	852
Albay	662	675	678	679	699	679	661	599	619	580
Camarines Norte	44	46	39	31	24	24	26	27	28	29
Camarines Sur	139	146	140	143	137	124	127	130	129	129
Catanduanes	33	30	29	28	29	26	28	29	27	30
Masbate	19	37	40	43	45	55	58	58	54	55
Sorsogon	19	21	21	21	22	22	25	26	27	30
Western Visayas	1,599	2,110	2,290	2,324	2,061	2,079	2,093	2,115	2,183	2,222
Aklan	49	51	55	49	46	51	57	55	51	47
Antique	322	683	651	673	503	450	407	405	392	396
Capiz	35	41	45	54	57	57	59	59	59	59
Guimaras	10	9	9	9	8	9	10	11	13	13
Iloilo	835	974	1,167	1,180	1,092	1,146	1,195	1,222	1,293	1,325
Negros Occidental	348	351	363	359	357	366	366	363	376	384
Central Visayas	1,369	1,286	1,225	1,335	1,147	1,071	1,031	1,014	1,005	982
Bohol	374	364	356	373	219	223	240	237	216	206
Cebu	501	447	353	374	354	327	324	336	361	378
Negros Oriental	325	308	331	380	388	341	299	293	289	264
Siquijor	168	168	185	208	186	181	168	148	139	134
Eastern Visayas	509	521	551	569	563	575	579	572	498	514
Biliran	35	32	33	32	29	28	28	28	26	26
Eastern Samar	19	20	20	20	20	20	21	20	15	12
Leyte	232	238	234	250	251	257	258	252	184	201
Northern Samar	58	61	64	66	66	67	70	72	74	73
Southern Leyte	147	151	183	185	181	187	187	188	187	189
Samar (Western Samar)	18	18	17	17	16	16	16	13	13	13
Zamboanga Peninsula	536	537	544	551	515	497	492	893	1,071	1,063
Zamboanga del Norte	100	92	122	129	122	123	132	109	116	114
Zamboanga del Sur	288	297	275	277	262	254	261	685	832	839
Zamboanga Sibugay	118	115	112	113	98	85	63	51	64	50
Zamboanga City	29	33	35	32	33	34	36	48	59	60
Northern Mindanao	2,412	2,946	2,886	3,047	3,091	2,923	2,739	2,633	2,453	2,403
Bukidnon	509	513	487	527	475	503	496	510	527	506
Camiguin	2	6	7	8	9	9	9	9	8	7
Lanao del Norte	1,847	2,376	2,342	2,461	2,561	2,364	2,180	2,050	1,870	1,841
Misamis Occidental	15	16	16	19	23	24	32	29	28	29
Misamis Oriental	39	36	34	32	23	23	21	35	20	19
Davao Region	665	669	679	688	654	580	548	543	555	568
Davao del Norte	53	56	61	66	66	68	70	71	78	81
Davao del Sur	56	49	67	75	68	69	60	60	59	63
Davao Oriental	50	49	48	47	47	44	40	40	41	39
Compostela Valley	153	161	167	175	175	158	141	130	133	138
Davao City	353	355	336	325	297	241	236	242	245	248
SOCCSKSARGEN	636	554	605	687	644	658	684	674	671	647
North Cotabato	237	238	238	235	233	227	229	239	237	235
Sarangani	57	56	54	55	41	43	44	46	45	37
South Cotabato	15	18	22	26	26	26	30	31	33	31
Sultan Kudarat	327	242	290	371	344	362	380	358	356	344
Caraga	270	164	150	112	162	92	104	124	151	202
Agusan del Norte	70	73	63	45	51	13	15	22	23	20
Agusan del Sur	156	43	39	21	68	42	54	65	90	144
Dinagat Islands	..	..	..	..	..	..	..	1	1	0
Surigao del Norte	17	17	17	17	14	11	9	6	6	5
Surigao del Sur	27	30	31	29	30	26	27	30	32	32
ARMM	643	635	636	619	613	604	576	581	579	570
Basilan	55	54	52	50	48	47	47	48	46	44
Lanao del Sur	198	200	201	202	204	198	184	192	195	193
Maguindanao	144	136	134	129	125	127	124	127	128	130
Sulu	174	175	183	177	180	179	171	169	167	165
Tawi-tawi	73	70	67	60	56	54	50	44	43	39

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Pechay Chinese										
Philippines	37,171	48,233	50,099	49,451	52,222	50,581	51,618	51,798	52,243	51,435
NCR										
CAR	33,234	43,988	44,971	43,879	46,497	44,389	45,170	45,058	45,145	44,677
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	30,794	39,339	40,079	39,727	43,235	41,492	42,349	42,119	42,166	41,914
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	13	13	13	13	12	13	13	6	..	..
Mountain Province	2,428	4,636	4,879	4,139	3,251	2,884	2,808	2,934	2,979	2,762
Ilocos Region	2	3	3	3	3	3	3	2	1	1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	2	3	3	3	3	3	3	2	1	1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	155	163	177	162	146	178	193	156	142	133
Batanes	..	..	..	..	..	..	..	..	..	1
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	155	163	177	162	146	178	193	156	142	131
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	87	172	154	151	151	166	163	165	153	161
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	13	92	81	72	64	107	111	111	114	115
Quezon	74	80	73	79	86	59	53	54	39	47
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	2,390	2,421	2,736	2,855	3,014	3,256	3,339	3,570	3,689	3,471
Bohol	..	3	8	11	17	13	10	9	2	1
Cebu	2,296	2,300	2,585	2,687	2,790	3,062	3,130	3,414	3,565	3,377
Negros Oriental	94	118	143	157	207	182	199	147	123	92
Siquijor	..	..	..	..	..	..	..	..	0	1
Eastern Visayas	2	2	2	3	2	2	2	2	2	2
Biliran	2	2	2	3	2	2	2	2	2	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	92	85	80	80	77	79	80	90	84	83
Zamboanga del Norte	33	29	26	25	22	21	21	21	21	20
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	58	56	54	56	55	58	59	69	63	63
Northern Mindanao	534	666	1,245	1,585	1,606	1,778	1,917	1,992	2,260	2,175
Bukidnon	358	505	1,050	1,375	1,405	1,550	1,660	1,770	1,830	1,775
Camiguin	..	0	0	0	1	..	0	0	0	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	14	14	18	20	25	28	30	35	40	43
Misamis Oriental	163	147	176	189	175	200	227	187	390	356
Davao Region	377	396	389	392	404	408	400	391	375	387
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	271	290	293	301	313	318	323	324	324	335
Davao Oriental	13	13	12	11	11	7	4	..	..	..
Compostela Valley	70	69	62	57	58	59	49	42	25	26
Davao City	22	23	23	22	22	23	24	25	26	27
SOCCSKSARGEN	297	337	341	343	323	324	352	372	392	345
North Cotabato	285	324	317	317	302	302	316	324	336	294
Sarangani	8	9	9	8	7	5	5	4	4	3
South Cotabato	4	4	15	17	14	17	28	38	46	43
Sultan Kudarat	..	..	..	..	..	..	4	6	6	6
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Pechay Native										
Philippines	43,077	45,039	45,396	44,922	44,861	44,525	45,126	45,983	45,645	46,582
NCR										
CAR	4,387	4,346	4,358	4,329	4,133	4,102	4,110	4,064	3,972	3,783
Abra	7	7	8	8	8	8	8	8	10	10
Apayao	1	2	2	3	3	2	3	5	5	6
Benguet	3,791	3,868	3,908	3,914	3,748	3,718	3,722	3,659	3,568	3,379
Ifugao	177	178	178	164	145	149	150	150	151	155
Kalinga	72	70	74	74	70	72	80	99	101	101
Mountain Province	339	222	189	167	159	152	147	142	136	132
Ilocos Region	2,117	2,233	2,173	2,075	2,146	2,230	2,296	2,256	2,304	2,337
Ilocos Norte	706	730	722	742	758	767	790	805	825	847
Ilocos Sur	79	111	126	133	133	128	131	135	130	133
La Union	68	74	85	90	83	85	90	94	108	103
Pangasinan	1,265	1,319	1,239	1,110	1,172	1,251	1,285	1,222	1,240	1,254
Cagayan Valley	5,941	6,016	6,141	5,839	5,335	5,339	5,502	5,533	5,688	5,725
Batanes	..	..	..	..	..	..	30	21	23	17
Cagayan	3,054	3,078	3,056	2,663	2,511	2,527	2,526	2,528	2,742	2,816
Isabela	2,164	2,132	2,227	2,321	2,106	2,215	2,341	2,414	2,360	2,328
Nueva Vizcaya	667	740	782	759	637	510	538	501	485	484
Quirino	56	67	77	95	80	87	67	70	78	80
Central Luzon	1,933	2,554	2,724	2,720	2,813	2,774	2,798	2,866	3,052	3,151
Aurora	49	54	58	60	62	63	61	59	65	68
Bataan	40	42	42	62	61	58	59	57	59	60
Bulacan	305	796	926	887	968	940	942	1,006	1,150	1,187
Nueva Ecija	775	875	901	905	910	909	912	912	878	882
Pampanga	196	198	205	199	199	197	209	224	260	275
Tarlac	480	493	495	499	503	487	480	466	474	488
Zambales	87	97	98	109	110	121	135	142	166	192
CALABARZON	6,469	6,502	6,210	6,156	6,377	6,777	6,940	6,930	6,877	7,161
Batangas	490	483	512	525	560	576	525	423	428	480
Cavite	210	214	209	181	198	196	265	259	256	263
Laguna	936	956	977	991	1,029	978	960	951	956	958
Quezon	4,388	4,441	4,114	4,113	4,252	4,685	4,838	4,946	4,870	5,060
Rizal	445	408	398	345	340	342	352	350	367	401
MIMAROPA	334	339	363	385	419	429	443	539	602	632
Marinduque	80	84	85	86	85	87	88	88	87	93
Occidental Mindoro	35	30	42	45	50	50	51	59	68	71
Oriental Mindoro	77	80	79	69	75	80	81	96	116	115
Palawan	89	91	99	125	150	150	158	231	256	276
Romblon	53	54	58	61	60	64	66	66	75	78
Bicol Region	13,176	13,759	13,819	13,753	13,957	13,442	13,458	13,988	12,784	13,464
Albay	7,125	7,249	7,213	7,005	6,942	6,446	6,421	6,875	5,735	5,997
Camarines Norte	415	453	332	311	284	277	288	295	287	298
Camarines Sur	5,532	5,724	5,931	6,087	6,372	6,348	6,357	6,413	6,365	6,775
Catanduanes	73	73	71	67	69	65	68	70	69	71
Masbate	4	231	241	253	257	272	288	299	292	286
Sorsogon	26	29	31	30	32	33	36	36	36	37
Western Visayas	1,578	1,717	1,686	1,750	1,775	1,825	1,820	1,784	1,805	1,918
Aklan	223	228	222	232	236	237	223	195	167	167
Antique	214	262	229	225	235	243	258	261	271	281
Capiz	213	187	195	183	177	194	180	183	181	208
Guimaras	60	63	80	78	70	71	73	73	77	78
Iloilo	471	567	504	555	566	579	565	559	588	655
Negros Occidental	397	410	456	478	491	501	521	513	521	528
Central Visayas	1,203	1,341	1,516	1,528	1,507	1,199	1,357	1,224	1,463	1,267
Bohol	328	344	548	565	624	425	498	538	707	589
Cebu	43	45	52	64	65	87	113	121	138	133
Negros Oriental	819	936	902	883	803	672	732	550	605	531
Siquijor	13	16	14	17	14	15	14	14	14	13
Eastern Visayas	958	980	961	948	940	921	932	838	744	788
Biliran	108	111	111	118	117	113	113	111	98	99
Eastern Samar	50	53	54	55	55	55	58	48	42	44
Leyte	601	608	588	561	561	554	560	490	423	462
Northern Samar	14	15	16	16	17	17	18	19	19	19
Southern Leyte	49	54	55	56	57	58	59	59	57	60
Samar (Western Samar)	135	139	138	142	133	123	125	111	105	103
Zamboanga Peninsula	1,320	1,315	1,344	1,375	1,349	1,396	1,368	1,619	1,808	1,848
Zamboanga del Norte	297	285	296	312	301	318	313	316	315	311
Zamboanga del Sur	98	106	110	102	103	106	111	166	256	267
Zamboanga Sibugay	28	28	29	30	31	36	47	71	81	90
Zamboanga City	897	896	910	929	914	936	897	1,066	1,156	1,179
Northern Mindanao	943	1,054	1,116	1,167	1,225	1,265	1,265	1,366	1,349	1,343
Bukidnon	181	187	196	204	203	214	219	228	205	210
Camiguin	16	21	34	35	36	39	38	36	41	44
Lanao del Norte	571	644	652	664	699	687	614	622	623	617
Misamis Occidental	59	68	76	93	106	127	144	153	160	172
Misamis Oriental	116	134	159	172	182	198	250	327	320	301
Davao Region	1,204	1,212	1,211	1,218	1,275	1,274	1,256	1,302	1,420	1,422
Davao del Norte	416	423	415	407	411	402	394	396	403	403
Davao del Sur	151	168	187	202	211	214	219	222	247	257
Davao Oriental	268	259	251	245	233	219	219	211	216	205
Compostela Valley	305	297	295	303	357	359	338	379	453	456
Davao City	64	65	63	62	63	81	85	95	102	101
SOCCSKSARGEN	517	541	555	571	559	545	557	576	621	578
North Cotabato	384	401	408	423	426	422	445	453	495	459
Sarangani	39	40	40	39	34	21	19	15	14	12
South Cotabato	48	53	62	62	50	52	42	55	58	56
Sultan Kudarat	47	47	46	48	49	50	50	53	53	52
Caraga	593	731	831	720	666	614	645	706	764	768
Agusan del Norte	160	183	201	139	105	103	126	140	152	106
Agusan del Sur	238	323	393	376	341	316	343	370	418	452
Dinagat Islands	..	..	..	..	..	..	..	3	2	2
Surigao del Norte	65	72	76	74	76	51	39	51	53	57
Surigao del Sur	130	154	162	131	144	146	137	141	140	151
ARMM	406	399	389	388	384	393	382	393	392	395
Basilan	11	12	12	13	13	13	13	13	14	14
Lanao del Sur	156	156	155	156	158	155	149	155	153	154
Maguindanao	123	121	118	114	109	108	97	101	103	105
Sulu	111	104	99	98	96	108	111	111	109	106
Tawi-tawi	5	5	6	7	9	10	11	13	14	15

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Radish										
Philippines	9,683	10,047	9,978	9,696	9,876	9,661	9,636	9,827	9,880	9,959
NCR										
CAR	1,361	1,577	1,593	1,586	1,607	1,521	1,502	1,463	1,510	1,441
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,361	1,390	1,411	1,420	1,441	1,362	1,344	1,304	1,361	1,312
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	187	182	166	166	159	158	159	149	130
Ilocos Region	148	138	118	110	100	85	79	70	65	62
Ilocos Norte	11	10	..	..	..	..	..	..	..	..
Ilocos Sur	15	13	13	12	11	11	11	12	11	11
La Union	1	1	1	1	1	1	1	1	1	1
Pangasinan	120	113	104	97	88	73	67	57	53	50
Cagayan Valley	235	214	195	166	201	157	135	137	118	117
Batanes	..	..	..	..	..	..	1	1	1	0
Cagayan	22	20	19	16	12	18	19	19	18	20
Isabela	109	111	81	70	58	33	26	23	17	18
Nueva Vizcaya	104	83	95	79	130	106	88	94	82	79
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	462	475	464	466	477	484	494	501	535	613
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	4	4	4	4	3	3	2	2	3	3
Bulacan	82	92	74	75	98	98	92	94	96	170
Nueva Ecija	205	194	196	194	193	192	190	190	206	204
Pampanga	101	104	107	101	93	98	114	117	120	113
Tarlac	53	54	55	53	51	50	49	47	48	48
Zambales	18	26	28	38	38	44	46	50	62	75
CALABARZON	3,182	3,423	3,296	3,034	3,316	3,219	3,092	2,998	2,482	2,371
Batangas	140	160	151	145	147	139	117	61	30	29
Cavite	190	191	199	196	311	301	248	247	240	223
Laguna	2,393	2,355	2,237	1,977	2,162	2,085	2,054	2,021	1,545	1,547
Quezon	325	328	328	334	334	333	323	325	307	309
Rizal	134	390	380	381	361	361	350	344	360	264
MIMAROPA	104	95	100	108	114	129	140	159	179	190
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	49	39	38	40	43	50	54	58	64	70
Oriental Mindoro	4	3	3	3	3	3	4	3	4	7
Palawan	6	7	12	16	19	24	30	43	56	57
Romblon	46	46	47	49	49	51	53	54	55	56
Bicol Region	193	201	205	202	196	193	195	198	193	195
Albay	65	68	69	70	68	65	63	68	67	68
Camarines Norte	22	20	17	13	10	11	12	12	12	13
Camarines Sur	60	65	69	70	66	65	66	66	63	63
Catanduanes	3	3	4	3	4	4	4	4	4	4
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	42	45	46	47	48	48	50	49	47	47
Western Visayas	1,072	1,037	935	957	859	882	871	832	883	890
Aklan	77	80	82	79	78	71	74	64	74	72
Antique	59	55	43	48	51	59	66	66	74	76
Capiz	23	35	41	41	44	54	54	64	83	92
Guimaras	19	17	20	21	18	18	17	17	18	15
Iloilo	316	329	301	338	337	348	326	290	298	303
Negros Occidental	579	521	447	430	331	334	333	331	336	333
Central Visayas	387	387	520	606	573	619	760	994	1,142	1,290
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	224	218	254	256	252	263	304	290	308	301
Negros Oriental	163	169	266	349	321	355	456	704	834	989
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	9	9	9	9	8	8	8	8	7	8
Biliran	0	0	1	1	1	1	1	1	1	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	8	9	8	8	7	8	7	7	6	6
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	281	264	267	270	269	273	281	357	600	621
Zamboanga del Norte	16	15	13	14	15	17	18	31	33	33
Zamboanga del Sur	100	81	81	74	76	78	81	109	173	184
Zamboanga Sibugay	29	30	30	31	30	28	28	26	45	45
Zamboanga City	137	140	143	150	148	151	154	191	348	358
Northern Mindanao	241	238	217	171	129	140	127	156	177	161
Bukidnon	141	141	118	86	67	70	58	51	53	54
Camiguin	..	0	..	..	..	..	..	..	0	..
Lanao del Norte	90	68	68	52	53	47	55	61	63	54
Misamis Occidental	1	2	2	3	3	3	4	22	23	23
Misamis Oriental	8	27	29	31	6	20	11	23	39	29
Davao Region	1,466	1,459	1,485	1,456	1,492	1,424	1,423	1,430	1,458	1,472
Davao del Norte	111	127	120	112	118	111	103	101	107	101
Davao del Sur	214	185	172	176	173	173	180	176	184	195
Davao Oriental	63	60	59	58	58	58	60	61	69	64
Compostela Valley	1,017	1,020	1,069	1,045	1,078	999	990	987	986	996
Davao City	62	66	65	65	66	83	91	105	113	116
SOCCSKSARGEN	329	323	398	413	415	424	429	433	439	426
North Cotabato	149	155	168	174	173	179	185	188	193	186
Sarangani	35	36	42	41	37	35	35	35	34	32
South Cotabato	39	46	61	56	50	53	47	48	47	45
Sultan Kudarat	106	85	127	142	155	157	162	162	165	164
Caraga	88	88	65	41	26	12	10	3	5	2
Agusan del Norte	36	33	29	19	7	6	5	0	1	1
Agusan del Sur	25	27	9	3	4	3	3	2	2	1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	21	19	17	11	8	1	..	..	..	..
Surigao del Sur	6	9	9	9	8	2	2	1	3	..
ARMM	127	119	112	103	96	90	91	91	86	100
Basilan	10	10	10	13	12	13	13	13	13	12
Lanao del Sur	27	27	26	26	25	25	24	24	20	25
Maguindanao	79	71	64	54	47	42	42	43	43	52
Sulu	11	10	11	11	11	11	11	11	11	11
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Squash Fruit										
Philippines	257,705	259,408	252,843	247,759	244,701	223,791	222,634	223,523	222,207	217,908
NCR										
CAR	6,331	6,330	6,351	6,377	6,439	6,250	6,309	6,286	5,891	5,831
Abra	3,628	3,684	3,701	3,764	3,783	3,762	3,770	3,726	3,265	3,348
Apayao	97	117	122	107	259	158	218	530	664	685
Benguet	1,382	1,349	1,325	1,326	1,278	1,205	1,203	1,212	1,222	1,079
Ifugao	207	209	202	192	165	167	171	173	178	178
Kalinga	647	613	661	647	637	648	631	328	240	233
Mountain Province	370	359	341	341	317	311	316	317	322	308
Ilocos Region	21,441	20,942	19,037	17,908	17,161	16,696	17,231	17,352	17,408	16,886
Ilocos Norte	5,365	5,507	5,509	5,787	6,054	6,166	6,471	6,509	6,521	6,497
Ilocos Sur	3,040	2,440	2,168	2,003	2,044	2,138	2,235	2,295	2,244	2,297
La Union	1,702	1,915	2,044	1,991	1,967	1,952	2,006	2,070	2,199	2,248
Pangasinan	11,334	11,081	9,316	8,127	7,097	6,439	6,520	6,478	6,444	5,844
Cagayan Valley	45,774	48,487	48,925	49,156	45,636	38,837	37,313	34,790	34,096	32,960
Batanes	..	..	..	..	..	..	50	43	37	34
Cagayan	9,291	11,310	11,324	9,354	8,284	8,277	8,538	9,004	8,442	6,615
Isabela	16,497	16,765	17,054	16,437	14,790	9,862	9,259	9,238	8,444	7,905
Nueva Vizcaya	18,322	18,711	18,868	21,767	21,202	19,550	18,366	15,401	16,078	16,768
Quirino	1,664	1,700	1,679	1,598	1,360	1,148	1,100	1,105	1,096	1,638
Central Luzon	25,687	26,716	26,307	25,677	25,819	25,082	25,158	25,730	23,805	23,546
Aurora	598	617	637	643	649	650	646	617	662	659
Bataan	190	192	193	190	190	184	178	169	172	172
Bulacan	1,342	1,356	1,445	1,281	1,276	1,264	1,265	1,301	1,357	1,378
Nueva Ecija	20,236	21,145	20,663	20,295	20,642	20,278	20,293	20,800	18,763	18,896
Pampanga	644	651	650	619	608	577	598	609	610	620
Tarlac	2,148	2,174	2,131	2,027	1,837	1,495	1,472	1,508	1,459	990
Zambales	529	581	587	622	618	635	706	725	783	832
CALABARZON	49,752	50,991	46,253	44,241	43,365	40,605	38,598	38,845	40,281	41,902
Batangas	3,635	3,829	4,325	4,115	4,299	4,215	3,506	3,385	3,125	3,573
Cavite	5,550	6,130	5,646	5,418	4,487	4,447	4,542	4,411	4,091	4,232
Laguna	10,763	10,818	8,034	7,794	8,062	8,505	8,369	8,437	8,018	8,185
Quezon	29,675	30,092	28,112	26,782	26,386	23,283	22,025	22,453	24,882	25,739
Rizal	130	122	135	133	132	155	156	159	165	173
MIMAROPA	1,446	1,427	1,442	1,470	1,495	1,542	1,587	1,737	1,881	2,004
Marinduque	508	508	511	515	511	515	524	532	517	566
Occidental Mindoro	123	124	127	135	126	125	128	183	213	236
Oriental Mindoro	128	128	126	120	133	140	141	160	212	202
Palawan	29	31	38	48	63	76	98	161	224	274
Romblon	658	636	641	651	662	686	696	702	715	726
Bicol Region	32,395	33,411	33,569	32,958	33,150	31,340	32,747	34,300	33,949	33,002
Albay	26,045	26,386	26,903	26,540	26,437	24,720	25,954	27,393	27,198	26,174
Camarines Norte	2,898	3,138	2,804	2,579	2,776	2,725	2,839	2,905	2,839	2,930
Camarines Sur	1,643	1,819	1,769	1,776	1,775	1,766	1,783	1,785	1,763	1,793
Catanduanes	1,073	1,092	1,067	1,004	1,050	1,031	1,015	1,036	1,014	976
Masbate	395	604	631	659	678	655	685	713	683	681
Sorsogon	342	372	395	400	435	443	472	469	452	448
Western Visayas	16,232	16,350	15,544	15,321	15,832	14,981	14,480	14,396	14,176	13,944
Aklan	1,177	1,103	1,132	1,133	1,129	1,112	1,106	1,043	993	963
Antique	668	932	914	807	828	715	731	738	759	728
Capiz	1,834	1,505	1,383	1,399	1,469	1,348	1,340	1,282	1,200	1,190
Guimaras	193	192	203	211	209	229	239	246	266	259
Iloilo	6,688	6,896	6,735	6,632	6,667	6,149	5,947	5,870	5,651	5,555
Negros Occidental	5,671	5,723	5,177	5,140	5,529	5,427	5,117	5,218	5,308	5,249
Central Visayas	22,703	17,370	16,767	16,562	18,293	12,750	12,586	12,287	11,518	9,021
Bohol	1,037	1,103	1,190	1,290	1,437	1,163	1,158	1,236	1,007	984
Cebu	13,749	9,535	9,811	9,961	9,939	7,224	6,918	6,456	5,930	5,209
Negros Oriental	7,702	6,481	5,472	4,994	6,617	4,056	4,231	4,310	4,303	2,557
Siquijor	214	250	294	317	300	308	278	284	278	271
Eastern Visayas	2,054	2,121	2,183	2,187	2,187	2,200	2,210	2,107	2,019	2,053
Biliran	365	360	371	362	356	345	345	343	339	340
Eastern Samar	179	180	182	184	186	187	188	171	165	149
Leyte	731	763	750	760	765	776	805	723	642	684
Northern Samar	110	139	196	203	210	216	222	231	238	239
Southern Leyte	371	374	382	383	387	391	393	393	390	402
Samar (Western Samar)	299	305	302	297	283	287	258	245	246	239
Zamboanga Peninsula	6,385	6,149	5,888	5,833	5,619	5,464	5,410	6,066	6,677	6,500
Zamboanga del Norte	1,148	1,064	1,073	1,066	972	1,005	1,000	1,224	1,236	1,174
Zamboanga del Sur	1,948	1,728	1,448	1,368	1,251	1,091	1,068	1,012	1,181	1,186
Zamboanga Sibugay	1,752	1,771	1,759	1,780	1,752	1,712	1,648	1,575	1,889	1,732
Zamboanga City	1,537	1,586	1,608	1,619	1,643	1,656	1,694	2,254	2,371	2,409
Northern Mindanao	9,663	10,765	13,017	14,636	14,865	15,825	15,984	16,106	16,415	16,219
Bukidnon	6,241	6,823	8,550	10,150	9,950	10,758	10,750	10,773	11,055	10,910
Camiguin	25	39	49	44	45	47	44	44	49	47
Lanao del Norte	1,080	1,177	1,162	1,175	1,254	1,244	1,390	1,412	1,433	1,431
Misamis Occidental	832	1,013	1,313	1,491	1,825	2,039	2,050	2,137	2,235	2,256
Misamis Oriental	1,486	1,713	1,944	1,776	1,791	1,738	1,750	1,740	1,643	1,575
Davao Region	6,199	6,418	6,491	6,435	6,487	6,155	6,274	6,422	6,465	6,508
Davao del Norte	1,232	1,227	1,258	1,266	1,312	1,266	1,298	1,300	1,316	1,352
Davao del Sur	1,649	1,697	1,714	1,615	1,632	1,538	1,514	1,534	1,561	1,556
Davao Oriental	1,569	1,636	1,616	1,607	1,494	1,497	1,503	1,450	1,537	1,502
Compostela Valley	1,042	1,141	1,183	1,223	1,312	1,170	1,226	1,411	1,296	1,335
Davao City	708	717	720	725	738	683	733	726	755	764
SOCCSKSARGEN	2,049	2,048	2,135	2,297	2,424	2,307	2,513	2,652	2,847	2,793
North Cotabato	962	990	1,030	1,061	1,125	1,150	1,169	1,207	1,324	1,303
Sarangani	351	359	338	345	318	323	327	328	329	317
South Cotabato	213	226	246	253	279	291	289	313	352	348
Sultan Kudarat	523	474	521	639	703	543	728	805	842	825
Caraga	7,953	8,223	7,366	5,128	4,398	2,272	2,719	2,910	3,233	3,202
Agusan del Norte	4,544	4,687	3,970	2,694	2,534	1,089	1,486	1,634	1,871	1,785
Agusan del Sur	2,398	2,526	2,367	1,462	951	744	831	853	976	1,032
Dinagat Islands	..	..	..	..	..	..	..	30	25	23
Surigao del Norte	540	542	546	531	480	207	179	157	128	121
Surigao del Sur	472	468	483	441	433	232	224	235	234	241
ARMM	1,642	1,660	1,567	1,572	1,530	1,485	1,517	1,535	1,546	1,535
Basilan	133	136	138	141	142	145	150	155	155	156
Lanao del Sur	452	458	455	460	467	457	466	485	488	483
Maguindanao	742	761	667	669	626	578	586	586	592	596
Sulu	234	226	234	234	236	252	264	266	268	262
Tawi-tawi	82	79	73	69	60	53	50	43	43	39

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Stringbeans										
Philippines	112,871	116,928	119,934	119,511	118,453	116,303	117,277	119,536	117,545	118,660
NCR										
CAR	505	494	493	494	470	464	483	510	536	542
Abra	51	52	53	55	56	55	55	56	67	72
Apayao	18	21	22	22	21	20	28	43	61	69
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	271	273	270	264	248	242	244	244	241	227
Kalinga	124	123	124	132	129	133	141	151	151	158
Mountain Province	42	26	24	22	17	13	14	15	16	15
Ilocos Region	9,456	10,129	10,585	10,513	11,203	11,421	11,737	12,004	12,199	12,093
Ilocos Norte	2,202	2,264	2,309	2,367	2,457	2,513	2,609	2,663	2,728	2,786
Ilocos Sur	1,636	1,855	2,022	1,984	2,174	2,187	2,228	2,282	2,238	2,285
La Union	2,005	2,138	2,200	2,135	2,045	2,015	2,120	2,210	2,315	2,365
Pangasinan	3,613	3,872	4,054	4,027	4,527	4,706	4,780	4,850	4,918	4,656
Cagayan Valley	22,002	20,963	21,078	20,349	18,410	17,502	17,024	17,376	15,849	15,915
Batanes	..	..	..	..	..	..	34	33	34	24
Cagayan	7,611	8,128	7,643	7,345	6,452	6,267	6,370	6,619	6,468	6,437
Isabela	6,993	6,574	7,108	6,771	6,266	6,062	6,006	6,026	4,890	4,910
Nueva Vizcaya	6,555	5,400	5,473	5,396	5,049	4,633	4,092	4,153	3,921	4,048
Quirino	844	861	855	837	643	541	522	546	537	497
Central Luzon	33,143	36,845	37,527	37,457	37,507	37,435	37,220	36,668	37,094	37,436
Aurora	1,237	1,235	1,256	1,227	1,228	1,216	1,218	1,164	1,215	1,115
Bataan	299	302	303	303	305	289	283	275	281	277
Bulacan	13,450	16,920	17,820	17,728	17,911	18,035	17,822	17,283	17,983	18,390
Nueva Ecija	16,039	16,202	15,934	15,975	15,890	15,789	15,731	15,714	15,265	15,148
Pampanga	1,246	1,247	1,260	1,210	1,188	1,135	1,152	1,213	1,242	1,247
Tarlac	279	287	294	297	294	283	280	278	281	281
Zambales	594	653	661	717	692	688	734	742	828	977
CALABARZON	4,824	4,961	5,115	5,238	4,833	4,803	5,196	5,511	5,165	5,455
Batangas	640	675	858	928	1,219	1,356	1,316	1,296	1,324	1,500
Cavite	1,933	1,978	1,878	1,837	952	949	1,105	1,137	841	777
Laguna	1,261	1,268	1,258	1,308	1,345	1,369	1,357	1,347	1,233	1,166
Quezon	309	349	421	481	658	633	915	1,212	1,202	1,480
Rizal	681	691	701	684	660	497	504	519	565	533
MIMAROPA	1,213	1,208	1,262	1,280	1,315	1,346	1,391	1,555	1,695	1,843
Marinduque	442	428	432	444	439	447	464	469	460	504
Occidental Mindoro	345	354	388	389	401	392	402	458	478	538
Oriental Mindoro	137	139	135	121	126	136	137	148	201	191
Palawan	88	90	100	117	138	156	173	264	327	378
Romblon	200	198	207	209	211	214	215	218	229	233
Bicol Region	9,220	10,527	11,232	11,035	11,386	11,351	11,818	12,343	11,188	11,322
Albay	4,155	4,289	4,442	4,390	4,600	4,549	4,801	5,158	4,203	4,228
Camarines Norte	851	931	800	769	773	758	796	822	810	835
Camarines Sur	3,176	3,590	4,170	4,028	4,068	4,045	4,120	4,219	4,106	4,251
Catanduanes	85	88	88	83	87	84	83	86	82	82
Masbate	18	575	585	590	606	636	674	733	764	720
Sorsogon	935	1,055	1,148	1,174	1,252	1,279	1,344	1,325	1,225	1,206
Western Visayas	9,046	9,067	9,231	9,774	9,894	9,716	9,776	9,528	9,415	9,274
Aklan	609	622	607	619	610	612	615	506	513	503
Antique	657	730	670	612	632	621	642	627	645	666
Capiz	1,291	1,083	975	914	970	847	731	676	648	663
Guimaras	718	708	727	710	689	718	737	729	674	628
Iloilo	3,098	3,165	3,196	3,239	3,215	3,104	3,205	3,201	3,127	2,981
Negros Occidental	2,673	2,760	3,056	3,681	3,777	3,814	3,846	3,789	3,809	3,834
Central Visayas	2,317	2,267	2,510	2,711	2,754	2,468	2,711	2,912	2,805	2,788
Bohol	834	945	966	1,000	1,022	651	677	704	579	594
Cebu	1,041	905	976	1,053	1,102	1,185	1,256	1,262	1,237	1,233
Negros Oriental	423	388	515	600	582	579	730	897	941	912
Siquijor	19	29	52	58	48	52	48	48	48	49
Eastern Visayas	1,897	1,914	1,883	1,900	1,869	1,888	1,911	1,744	1,592	1,680
Biliran	237	232	224	218	207	208	207	203	199	200
Eastern Samar	7	8	9	9	10	10	10	8	8	9
Leyte	1,404	1,410	1,381	1,401	1,379	1,388	1,409	1,247	1,092	1,177
Northern Samar	90	97	99	102	106	109	112	118	123	121
Southern Leyte	84	90	92	93	93	95	94	94	93	99
Samar (Western Samar)	75	77	79	77	74	79	79	74	77	74
Zamboanga Peninsula	1,927	1,775	1,809	1,817	1,684	1,687	1,698	2,151	2,668	2,612
Zamboanga del Norte	1,182	1,052	1,078	1,094	982	977	989	1,016	1,025	942
Zamboanga del Sur	187	177	173	167	159	145	135	201	247	265
Zamboanga Sibugay	50	52	52	55	55	53	59	68	67	71
Zamboanga City	508	495	506	501	488	512	516	866	1,329	1,334
Northern Mindanao	1,845	1,950	2,118	2,161	2,337	2,463	2,558	2,870	2,941	2,950
Bukidnon	166	171	179	192	185	200	207	228	225	227
Camiguin	24	19	38	35	36	38	37	37	36	35
Lanao del Norte	319	334	341	350	359	370	387	396	401	405
Misamis Occidental	243	292	321	367	441	490	524	647	657	674
Misamis Oriental	1,093	1,134	1,239	1,217	1,317	1,365	1,403	1,562	1,623	1,610
Davao Region	13,097	12,581	12,811	12,706	12,665	11,991	11,837	12,308	12,292	12,404
Davao del Norte	2,309	2,262	2,270	2,248	2,243	2,200	2,219	2,227	2,212	2,237
Davao del Sur	856	844	879	896	884	865	876	887	898	915
Davao Oriental	1,389	1,331	1,356	1,339	1,318	1,306	1,293	1,294	1,349	1,376
Compostela Valley	2,244	2,175	2,223	2,235	2,253	2,094	1,978	2,576	2,362	2,397
Davao City	6,299	5,969	6,084	5,988	5,966	5,527	5,471	5,324	5,471	5,479
SOCCSKSARGEN	598	632	663	712	709	745	784	803	833	959
North Cotabato	374	403	432	460	463	489	532	549	577	698
Sarangani	77	79	70	72	63	68	68	72	72	72
South Cotabato	33	31	39	54	57	64	56	62	65	68
Sultan Kudarat	114	119	121	126	126	125	129	120	119	121
Caraga	1,357	1,190	1,188	938	993	591	682	806	826	942
Agusan del Norte	366	374	352	277	312	174	260	355	344	353
Agusan del Sur	264	273	284	311	301	232	251	266	302	411
Dinagat Islands	..	..	..	..	..	..	..	17	15	14
Surigao del Norte	643	442	445	246	267	104	87	72	71	56
Surigao del Sur	84	101	107	105	114	81	86	96	95	109
ARMM	427	423	428	426	423	430	448	445	445	445
Basilan	55	56	57	62	63	64	66	69	70	71
Lanao del Sur	4	4	4	4	4	4	4	4	4	5
Maguindanao	97	99	92	87	86	83	84	85	86	88
Sulu	242	235	243	242	242	249	260	253	249	247
Tawi-tawi	29	29	31	31	29	30	34	35	35	35

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Tomato										
Philippines	175,596	188,761	195,810	198,948	204,272	203,582	203,594	207,668	214,573	214,774
NCR										
CAR	3,587	4,043	3,974	3,810	3,904	3,856	3,899	3,898	3,984	3,911
Abra	356	372	379	384	393	388	393	386	430	464
Apayao	13	9	7	8	7	8	8	9	9	10
Benguet	2,716	2,786	2,811	2,778	2,885	2,874	2,916	2,920	2,977	2,944
Ifugao	15	16	17	17	15	15	16	16	17	27
Kalinga	98	98	98	95	90	92	93	92	93	76
Mountain Province	389	763	662	527	513	478	475	475	459	391
Ilocos Region	54,253	60,827	61,747	65,605	69,616	68,579	70,389	72,017	72,511	72,484
Ilocos Norte	19,995	22,145	21,445	26,139	27,373	28,168	29,874	30,384	30,167	29,486
Ilocos Sur	12,488	15,496	18,796	20,283	21,954	21,591	21,364	22,298	23,135	23,827
La Union	706	967	1,538	1,580	1,595	1,597	1,667	1,711	1,823	1,885
Pangasinan	21,064	22,220	19,967	17,603	18,693	17,223	17,485	17,624	17,386	17,286
Cagayan Valley	12,515	13,508	12,356	11,525	10,605	10,318	9,501	9,471	9,903	10,389
Batanes	..	..	..	..	..	..	16	13	17	14
Cagayan	371	515	585	578	505	581	539	588	613	676
Isabela	2,059	2,417	2,186	2,336	1,708	1,492	1,463	1,385	1,417	1,375
Nueva Vizcaya	10,070	10,530	9,537	8,556	8,357	8,207	7,443	7,441	7,810	8,284
Quirino	15	47	48	56	35	38	40	44	47	40
Central Luzon	18,237	21,333	20,816	21,091	21,492	21,488	21,791	22,268	23,832	24,040
Aurora	..	..	..	..	8	33	35	33	35	36
Bataan	150	151	151	150	154	149	141	143	163	164
Bulacan	1,406	2,875	3,561	3,707	3,882	3,848	4,018	4,003	4,260	4,459
Nueva Ecija	9,779	11,242	10,194	10,464	10,636	10,677	10,685	10,919	12,176	12,382
Pampanga	2,466	2,471	2,482	2,451	2,405	2,410	2,530	2,720	2,765	2,865
Tarlac	3,880	3,967	3,776	3,706	3,809	3,740	3,674	3,737	3,668	3,329
Zambales	556	627	651	613	598	631	708	713	765	806
CALABARZON	15,832	15,917	16,145	14,390	17,496	18,295	17,727	18,655	19,299	19,670
Batangas	1,722	2,215	2,285	2,485	2,945	2,970	2,725	2,840	2,685	2,320
Cavite	81	101	109	132	158	151	206	216	228	225
Laguna	7,183	7,554	7,360	5,557	7,176	7,230	6,348	6,625	6,573	6,163
Quezon	6,716	5,914	6,256	6,078	7,086	7,811	8,310	8,829	9,654	10,791
Rizal	130	134	134	138	132	133	138	145	159	171
MIMAROPA	933	978	1,013	1,081	1,132	1,232	1,254	1,524	1,798	1,951
Marinduque	49	47	46	47	48	48	49	49	48	51
Occidental Mindoro	500	544	611	647	661	733	724	800	829	882
Oriental Mindoro	61	62	61	58	64	67	70	121	210	198
Palawan	84	87	101	130	152	174	203	338	461	567
Romblon	239	238	194	198	208	210	208	215	250	253
Bicol Region	3,068	3,656	3,506	3,543	3,562	3,432	3,427	3,483	3,372	3,665
Albay	995	1,040	1,051	1,018	1,052	1,007	975	1,016	924	1,028
Camarines Norte	26	28	20	15	11	11	12	13	12	13
Camarines Sur	1,991	2,501	2,346	2,419	2,406	2,327	2,348	2,353	2,338	2,526
Catanduanes	11	11	11	10	10	10	10	10	10	10
Masbate	32	62	65	68	68	63	66	74	71	70
Sorsogon	13	14	14	13	14	14	16	17	16	18
Western Visayas	10,514	10,669	9,710	9,595	9,551	8,892	8,888	9,054	9,734	10,462
Aklan	171	178	169	176	184	187	180	181	162	161
Antique	514	486	399	388	388	344	340	344	350	342
Capiz	154	145	151	160	186	216	232	226	225	221
Guimaras	34	28	24	22	19	20	19	18	20	21
Iloilo	9,317	9,508	8,671	8,555	8,468	7,836	7,825	7,996	8,677	9,419
Negros Occidental	325	324	298	295	306	290	292	289	301	300
Central Visayas	3,925	3,457	3,367	3,625	3,833	3,878	3,977	5,040	6,027	5,768
Bohol	594	608	832	1,326	1,542	1,469	1,382	1,504	1,870	1,835
Cebu	2,625	2,086	1,820	1,643	1,575	1,741	1,903	2,439	2,804	2,702
Negros Oriental	686	736	692	632	693	645	670	1,071	1,324	1,201
Siquijor	20	26	24	24	23	23	22	27	29	29
Eastern Visayas	732	754	747	742	722	696	719	680	596	618
Biliran	74	70	74	73	72	70	72	71	65	65
Eastern Samar	60	61	63	63	63	61	62	62	58	59
Leyte	228	229	223	227	222	221	228	223	166	187
Northern Samar	16	17	18	18	19	19	22	25	26	26
Southern Leyte	72	82	84	87	88	88	88	87	86	87
Samar (Western Samar)	283	294	285	273	258	237	247	213	196	194
Zamboanga Peninsula	1,743	1,751	1,795	1,796	1,763	1,768	1,809	3,011	5,761	5,896
Zamboanga del Norte	340	316	321	341	913	344	347	454	464	438
Zamboanga del Sur	455	429	448	426	339	382	370	533	763	799
Zamboanga Sibugay	93	99	104	110	406	115	127	168	193	204
Zamboanga City	854	908	923	919	106	926	966	1,856	4,342	4,455
Northern Mindanao	40,262	41,698	50,451	52,056	50,485	51,109	50,086	48,934	47,923	46,000
Bukidnon	31,528	32,333	37,950	39,600	39,080	39,525	38,726	39,174	39,390	37,750
Camiguin	11	31	42	51	65	75	71	73	85	76
Lanao del Norte	496	519	531	569	554	570	604	611	589	555
Misamis Occidental	258	408	456	528	542	579	605	626	649	653
Misamis Oriental	7,970	8,406	11,471	11,308	10,244	10,360	10,080	8,450	7,210	6,966
Davao Region	4,347	4,378	4,393	4,273	4,338	4,296	4,194	4,067	4,031	4,091
Davao del Norte	68	72	70	69	72	67	72	71	78	78
Davao del Sur	2,172	2,146	2,161	2,018	2,029	2,011	2,034	2,039	2,074	2,104
Davao Oriental	144	147	145	145	150	144	146	154	203	208
Compostela Valley	1,231	1,287	1,362	1,393	1,427	1,440	1,319	1,164	968	991
Davao City	733	726	656	647	659	634	623	639	709	710
SOCCSKSARGEN	4,916	5,039	5,019	5,105	5,053	5,162	5,306	4,921	5,139	5,174
North Cotabato	3,968	4,110	4,110	4,208	4,200	4,292	4,419	4,049	4,274	4,312
Sarangani	278	273	262	253	218	239	233	230	227	227
South Cotabato	266	274	285	276	250	270	273	275	280	278
Sultan Kudarat	404	382	362	369	385	361	381	367	358	357
Caraga	308	327	341	303	314	177	212	234	248	241
Agusan del Norte	108	120	114	111	115	55	88	95	113	59
Agusan del Sur	105	98	116	82	77	61	67	75	84	135
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	30	34	32	35	45	22	17	18	12	5
Surigao del Sur	65	75	80	75	77	39	40	47	40	43
ARMM	424	425	430	409	405	404	414	410	414	413
Basilan	24	25	24	25	26	26	25	25	26	26
Lanao del Sur	36	36	36	35	36	35	33	32	33	33
Maguindanao	332	335	338	318	314	312	322	322	324	324
Sulu	28	27	29	27	27	28	30	28	26	24
Tawi-tawi	4	4	4	3	3	4	4	4	5	5

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Ubi										
Philippines	30,074	29,265	24,185	22,567	21,906	17,844	16,429	14,770	15,245	13,798
NCR										
CAR	148	152	156	161	160	159	158	166	170	167
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	2	2	2	5	5	8	8	11	14	16
Benguet	141	145	148	150	150	145	143	144	145	140
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	5	5	6	5	6	6	8	11	11	12
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	121	153	180	180	201	205	228	297	372	378
Ilocos Norte	37	42	44	47	50	47	53	56	59	61
Ilocos Sur	..	..	..	..	..	..	..	56	103	104
La Union	84	111	136	133	151	159	176	185	210	213
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	2,419	2,357	2,282	2,131	1,757	1,694	2,326	2,317	2,209	2,047
Batanes	..	..	..	..	..	..	630	557	566	358
Cagayan	1,410	1,425	1,338	1,249	1,114	1,108	1,131	1,211	1,206	1,261
Isabela	714	651	634	573	366	301	292	268	191	191
Nueva Vizcaya	267	246	252	244	207	222	193	204	165	149
Quirino	29	35	58	65	70	63	80	77	81	88
Central Luzon	468	497	558	540	553	561	561	556	578	594
Aurora	126	130	150	148	147	153	153	160	161	164
Bataan	45	45	70	70	70	65	63	58	60	60
Bulacan	218	237	240	218	231	232	231	219	235	246
Nueva Ecija	14	14	19	19	19	19	19	18	18	17
Pampanga	7	7	8	12	10	9	11	10	11	11
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	59	65	72	74	75	83	86	91	93	98
CALABARZON	444	463	466	518	626	648	653	670	677	657
Batangas	151	157	166	219	265	273	215	210	220	215
Cavite	108	105	107	104	140	144	196	200	191	186
Laguna	100	113	115	121	121	124	126	130	125	122
Quezon	85	88	77	74	100	107	117	130	141	134
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	246	246	356	417	424	458	496	540	570	590
Marinduque	48	48	49	50	50	51	52	52	53	53
Occidental Mindoro	79	75	96	110	116	122	132	147	157	166
Oriental Mindoro	17	17	17	16	17	16	17	16	17	17
Palawan	11	13	91	117	112	132	153	181	204	206
Romblon	91	92	104	124	129	137	143	144	141	148
Bicol Region	664	657	683	662	657	625	600	589	535	528
Albay	580	587	592	566	562	539	507	494	439	429
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	5	4	4	4	4	4	4	4	4	4
Catanduanes	2	2	2	2	2	2	2	2	2	2
Masbate	64	50	71	77	75	66	72	74	74	76
Sorsogon	13	14	14	14	15	14	15	16	16	17
Western Visayas	560	566	636	658	651	670	677	664	653	648
Aklan	137	149	182	175	177	182	190	180	164	155
Antique	86	69	55	68	76	75	69	71	64	68
Capiz	11	17	28	38	41	36	46	53	60	62
Guimaras	20	20	40	44	41	38	38	34	30	21
Iloilo	121	126	144	145	133	141	128	118	120	131
Negros Occidental	186	185	186	188	184	198	206	210	215	212
Central Visayas	21,849	21,092	15,700	14,092	13,722	9,753	7,528	5,929	6,364	5,130
Bohol	21,240	20,565	15,109	13,448	13,169	9,231	7,004	5,419	5,847	4,632
Cebu	539	459	458	471	381	319	313	302	317	299
Negros Oriental	67	65	128	167	167	196	204	201	194	192
Siquijor	4	4	5	7	6	7	6	7	6	6
Eastern Visayas	783	798	840	845	841	845	947	780	757	764
Biliran	180	180	181	179	168	166	162	154	154	155
Eastern Samar	28	28	41	42	41	42	45	42	40	36
Leyte	498	504	507	512	517	522	622	463	446	453
Northern Samar	14	15	24	24	25	26	26	27	28	27
Southern Leyte	51	58	74	75	78	78	13	81	75	80
Samar (Western Samar)	13	13	13	13	12	11	80	13	13	13
Zamboanga Peninsula	273	260	252	258	250	253	258	265	316	293
Zamboanga del Norte	36	34	34	35	33	33	33	33	32	27
Zamboanga del Sur	112	105	94	96	90	90	96	100	146	126
Zamboanga Sibugay	49	50	52	53	55	56	53	52	59	63
Zamboanga City	76	70	72	74	72	74	76	81	78	77
Northern Mindanao	913	824	798	828	867	872	932	941	1,007	1,011
Bukidnon	40	41	39	38	30	28	24	20	17	18
Camiguin	90	77	50	62	46	39	39	37	32	26
Lanao del Norte	635	560	556	557	613	624	660	671	718	740
Misamis Occidental	96	92	96	106	120	132	141	141	141	131
Misamis Oriental	53	53	57	65	59	50	68	72	100	96
Davao Region	380	391	408	409	427	402	384	376	361	350
Davao del Norte	46	44	43	46	49	44	41	39	43	47
Davao del Sur	126	145	153	158	168	173	175	173	176	168
Davao Oriental	19	18	17	15	13	9	4	6	4	3
Compostela Valley	93	87	95	94	101	93	88	84	68	61
Davao City	97	97	101	96	96	83	76	74	70	71
SOCCSKSARGEN	282	293	321	332	316	318	313	318	321	293
North Cotabato	117	123	135	137	136	133	134	137	138	128
Sarangani	50	51	50	49	43	46	46	47	42	35
South Cotabato	58	64	81	93	91	94	89	93	100	89
Sultan Kudarat	56	55	54	53	46	45	44	41	41	40
Caraga	280	275	259	217	145	71	58	49	41	33
Agusan del Norte	60	54	48	31	27	9	5	5	5	5
Agusan del Sur	55	50	43	28	11	6	5	5	3	2
Dinagat Islands	..	..	..	..	..	..	..	4	3	3
Surigao del Norte	63	67	64	63	39	31	22	13	9	6
Surigao del Sur	102	104	105	95	68	25	26	23	21	17
ARMM	243	243	292	319	308	310	310	313	315	315
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	112	111	160	163	159	159	164	165	166	166
Maguindanao	132	132	132	157	149	151	146	148	150	150
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

Table 2.7.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(concluded)*
2006 to 2015
(In metric tons)

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
White Potato										
Philippines	69,461	118,497	121,312	119,159	124,671	120,574	119,570	117,722	119,140	118,479
NCR										
CAR	52,205	100,753	103,303	101,061	107,182	103,135	102,434	100,758	102,255	101,829
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	43,800	84,622	87,932	87,476	95,779	90,816	90,148	88,373	89,918	90,095
Ifugao	45	126	177	164	139	135	139	141	142	133
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	8,360	16,005	15,194	13,421	11,265	12,185	12,147	12,244	12,195	11,601
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	448	528	521	536	441	443	421	427	448	420
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	4	4	4	4	2	2	2	2	2	2
Nueva Vizcaya	444	524	517	532	439	441	419	425	446	418
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	3	3	3	3	3	3	3	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	3	3	3	3	3	3	3	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	0	0	0	..	..	..	..	..	..	..
Albay	0	0	0	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	62	58	57	52	56	58	55	34	7	4
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	4	1	0	0	0	..	..	..	..	..
Negros Oriental	58	58	56	52	56	58	55	34	7	4
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Samar)	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	6,745	6,778	6,945	7,025	6,870	6,745	6,550	6,355	6,145	5,810
Bukidnon	6,737	6,770	6,945	7,025	6,870	6,745	6,550	6,355	6,145	5,810
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	8	8	..	..	..	..	..	..	..	..
Davao Region	9,436	9,811	9,841	9,859	9,558	9,601	9,513	9,511	9,634	9,801
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	9,417	9,791	9,822	9,841	9,544	9,585	9,497	9,496	9,618	9,786
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	20	21	19	18	14	16	16	16	16	15
SOCCSKSARGEN	562	566	641	624	562	589	595	636	651	616
North Cotabato	202	192	188	185	181	194	203	219	240	221
Sarangani	75	76	69	71	63	62	62	59	56	50
South Cotabato	128	141	193	201	215	235	235	260	260	253
Sultan Kudarat	157	157	192	167	103	98	95	99	94	93
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority
2012-2013: Revised due to inclusion of Batanes data

Table 2.8.1
PALAY: ESTIMATED AREA APPLIED RECEIVING INORGANIC FERTILIZER BY REGION
2005 to 2014
(In hectares)

	2005	2006	2007	2008	2009
Philippines	**3,700,858**	**3,815,586**	**3,934,801**	**4,225,049**	**4,287,413**
CAR	78,230	87,032	91,887	121,561	85,245
Ilocos Region	359,553	375,854	373,574	386,565	386,048
Cagayan Valley	464,063	496,748	498,787	534,792	532,618
Central Luzon	564,137	592,240	640,913	649,324	663,295
CALABARZON	92,293	90,668	87,073	98,724	91,376
MIMAROPA	203,272	232,626	231,433	225,841	260,421
Bicol Region	247,781	243,614	238,009	270,417	281,663
Western Visayas	571,013	590,139	587,209	549,672	651,435
Central Visayas	74,422	94,240	80,278	100,713	95,372
Easter Visayas	125,744	166,833	195,783	266,777	218,740
Zamboanga Peninsula	136,281	120,139	127,215	132,995	129,760
Northern Mindanao	119,868	120,198	127,160	134,341	132,354
Davao Region	105,277	103,263	94,937	93,633	89,861
SOCCSKSARGEN	297,576	309,899	320,862	335,798	341,784
Caraga	103,856	107,139	115,098	134,721	122,681
ARMM	157,493	84,954	124,583	189,175	204,760

... Data not Available
No Fertilizer data in ARMM for 2010
Total may not add up to due to rounding off
Revised data for 2009, 2011, and 2014
Total excludes ARMM for 2010

Table 2.8.2
PALAY: ESTIMATED AREA HARVESTED RECEIVING INORGANIC FERTILIZER BY REGION
2005 to 2014
(In hectares)

	2005	2006	2007	2008	2009
Philippines	**4,070,421**	**4,159,930**	**4,272,889**	**4,459,977**	**4,532,310**
CAR	99,375	104,021	118,135	119,816	119,368
Ilocos Region	362,155	376,426	377,361	388,763	389,339
Cagayan Valley	473,972	503,593	501,943	536,916	533,315
Central Luzon	571,020	593,033	640,913	666,309	664,121
CALABARZON	110,236	104,031	104,714	112,120	107,038
MIMAROPA	230,807	238,395	247,803	254,403	271,901
Bicol Region	304,549	281,483	286,374	290,718	313,602
Western Visayas	587,120	611,135	601,595	646,197	669,306
Central Visayas	81,850	99,484	97,507	105,154	102,927
Easter Visayas	230,141	233,221	260,386	276,573	272,611
Zamboanga Peninsula	158,585	141,177	148,278	145,314	153,743
Northern Mindanao	124,871	122,492	129,249	137,276	147,270
Davao Region	108,374	108,992	97,487	95,252	96,168
SOCCSKSARGEN	310,865	319,878	328,341	346,403	349,668
Caraga	116,766	126,058	133,444	138,259	137,173
ARMM	199,735	196,511	199,359	200,504	204,760

.. Data not Available
No Fertilizer data in ARMM for 2010
Total may not add up to due to rounding off
Revised data for 2009, 2011, and 2014
Total excludes ARMM for 2010

Table 2.8.1 *(continued)*

	2010	2011	2012	2013	2014
Philippines	**3,935,498**	**4,314,720**	**4,572,108**	**4,484,027**	**4,402,249**
CAR	87,071	76,221	108,712	96,311	95,615
Ilocos Region	393,371	366,676	403,238	399,830	412,183
Cagayan Valley	515,943	550,513	598,870	575,485	624,357
Central Luzon	678,888	609,875	675,237	697,426	720,849
CALABARZON	91,490	96,940	108,744	109,607	108,320
MIMAROPA	231,526	256,581	277,794	278,890	268,143
Bicol Region	284,830	309,117	333,550	303,103	317,899
Western Visayas	536,933	646,254	632,124	606,930	616,654
Central Visayas	93,862	99,580	104,850	104,293	102,948
Easter Visayas	190,655	232,780	229,928	211,863	187,840
Zamboanga Peninsula	137,125	144,375	156,403	153,645	161,715
Northern Mindanao	148,590	146,237	153,258	156,666	154,603
Davao Region	95,413	98,431	102,988	135,537	101,494
SOCCSKSARGEN	325,895	341,330	345,422	329,910	313,033
Caraga	123,906	140,634	153,920	173,208	130,705
ARMM	..	199,176	187,070	151,324	85,890

Table 2.8.2 *(continued)*

	2010	2011	2012	2013	2014
Philippines	**4,354,161**	**4,536,642**	**4,689,960**	**4,746,082**	**4,739,672**
CAR	117,057	118,779	120,100	119,919	118,476
Ilocos Region	394,110	392,417	403,169	406,813	412,419
Cagayan Valley	506,351	562,806	582,456	585,285	591,660
Central Luzon	681,901	616,887	675,781	710,817	717,191
CALABARZON	104,124	114,186	113,010	115,518	116,568
MIMAROPA	262,384	270,751	280,748	282,956	280,920
Bicol Region	316,804	318,361	334,275	343,199	329,573
Western Visayas	541,253	654,185	668,810	616,273	618,727
Central Visayas	101,875	106,824	105,797	106,191	104,288
Easter Visayas	275,691	284,933	285,394	282,153	283,020
Zamboanga Peninsula	145,070	158,424	157,888	161,721	163,096
Northern Mindanao	143,324	152,410	154,712	158,338	161,414
Davao Region	95,901	100,683	103,993	103,294	103,822
SOCCSKSARGEN	329,817	343,620	345,985	350,346	346,906
Caraga	130,867	141,852	155,041	176,559	174,170
ARMM	207,632	199,524	202,801	226,700	217,422

Table 2.8.3
CORN: ESTIMATED AREA APPLIED RECEIVING INORGANIC FERTILIZER BY REGION
2005 to 2014
(In hectares)

	2005	2006	2007	2008	2009
Philippines	**1,510,411**	**1,617,612**	**1,910,772**	**2,500,667**	**2,173,063**
CAR	9,586	12,138	14,482	52,963	44,201
Ilocos Region	55,444	54,993	68,946	74,460	70,681
Cagayan Valley	219,685	313,493	308,886	388,888	413,149
Central Luzon	43,099	36,246	43,020	47,993	43,411
CALABARZON	22,911	13,179	4,345	34,409	40,128
MIMAROPA	35	17,777	9,018	37,824	28,420
Bicol Region	5,193	28,589	29,918	98,352	96,716
Western Visayas	22,753	16,182	22,776	141,765	119,669
Central Visayas	162,089	138,054	161,113	143,263	143,797
Easter Visayas	8,917	20,938	14,196	60,810	33,773
Zamboanga Peninsula	132,641	133,004	128,999	121,644	122,322
Northern Mindanao	327,010	287,768	353,257	381,373	313,611
Davao Region	71,548	81,590	89,887	149,624	104,645
SOCCSKSARGEN	363,001	346,100	482,566	428,419	340,494
Caraga	34,095	21,890	29,776	45,530	21,824
ARMM	32,404	95,671	149,587	293,350	236,222

.. Data not Available
No Fertilizer data in ARMM for 2010
Total may not add up to due to rounding off
Revised data for 2009, 2011, and 2014
Total excludes ARMM for 2010

Source: Philippine Statistics Authority

Table 2.8.4
CORN: ESTIMATED AREA HARVESTED RECEIVING INORGANIC FERTILIZER BY REGION
2005 to 2014
(In hectares)

	2005	2006	2007	2008	2009
Philippines	**2,441,788**	**2,570,673**	**2,648,317**	**2,661,021**	**2,683,890**
CAR	42,010	44,838	50,087	52,698	55,212
Ilocos Region	67,298	68,680	72,115	74,460	73,153
Cagayan Valley	258,180	361,779	369,159	390,537	417,121
Central Luzon	44,500	41,897	43,935	48,307	45,749
CALABARZON	36,365	30,583	32,618	34,451	35,204
MIMAROPA	36,407	38,375	38,834	38,111	31,367
Bicol Region	80,237	80,789	89,513	100,274	106,715
Western Visayas	107,030	120,400	130,949	142,448	125,769
Central Visayas	246,463	239,745	248,902	236,248	231,473
Easter Visayas	58,589	59,175	63,145	65,756	68,463
Zamboanga Peninsula	163,365	160,386	154,101	129,061	135,850
Northern Mindanao	381,499	378,273	369,839	383,695	381,373
Davao Region	200,409	204,304	196,848	188,362	174,674
SOCCSKSARGEN	398,343	419,039	418,594	430,221	430,182
Caraga	55,765	44,869	57,514	50,470	39,520
ARMM	265,328	277,541	312,164	295,922	332,065

.. Data not Available
No Fertilizer data in ARMM for 2010
Total may not add up to due to rounding off
Revised data for 2009, 2011, and 2014
Total excludes ARMM for 2010

Source: Philippine Statistics Authority

Table 2.8.3 *(continued)*

	2010	2011	2012	2013	2014
Philippines	**2,247,585**	**2,543,915**	**2,570,339**	**2,563,306**	**2,049,744**
CAR	47,846	56,051	57,295	61,639	56,119
Ilocos Region	75,317	77,183	81,775	84,106	57,220
Cagayan Valley	387,901	422,095	427,883	416,740	363,013
Central Luzon	42,915	38,811	39,539	44,151	43,797
CALABARZON	27,429	31,858	31,454	33,906	37,878
MIMAROPA	22,343	26,667	24,498	28,022	27,357
Bicol Region	92,187	108,243	112,817	109,582	91,672
Western Visayas	111,294	122,216	120,658	123,946	97,913
Central Visayas	173,425	212,438	205,543	197,612	183,078
Easter Visayas	60,578	60,950	61,473	61,722	36,008
Zamboanga Peninsula	117,185	131,525	132,359	125,949	223,808
Northern Mindanao	327,538	364,059	375,655	372,565	245,333
Davao Region	104,828	149,081	145,155	159,378	104,409
SOCCSKSARGEN	323,791	427,050	422,173	430,007	286,619
Caraga	31,769	31,554	33,556	38,017	50,325
ARMM	301,239	284,134	298,506	275,964	145,197

Table 2.8.4 *(continued)*

	2010	2011	2012	2013	2014
Philippines	**2,499,040**	**2,544,612**	**2,593,825**	**2,563,635**	**2,611,432**
CAR	48,991	56,051	57,290	61,639	64,832
Ilocos Region	75,342	77,183	82,793	84,106	87,763
Cagayan Valley	364,723	422,095	432,366	416,740	437,729
Central Luzon	42,977	38,836	40,481	44,151	43,535
CALABARZON	29,687	31,858	33,080	33,906	34,518
MIMAROPA	22,984	26,463	24,496	28,022	29,135
Bicol Region	101,812	108,243	112,964	109,582	113,596
Western Visayas	112,502	122,216	122,569	123,946	124,312
Central Visayas	215,980	212,438	206,270	197,941	193,089
Easter Visayas	64,672	60,950	61,699	61,722	60,752
Zamboanga Peninsula	142,559	132,407	134,979	125,949	130,116
Northern Mindanao	365,955	364,059	376,800	372,565	374,646
Davao Region	153,282	149,081	146,077	159,378	169,306
SOCCSKSARGEN	405,644	427,050	429,319	430,007	428,556
Caraga	39,601	31,554	33,830	38,017	41,957
ARMM	312,329	284,128	298,812	275,964	277,590

Table 2.9.1
PALAY: AVERAGE QUANTITY APPLIED OF INORGANIC FERTILIZER BY GRADE AND REGION
2005 to 2014
(In bags of 50 kilos)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Philippines	**Average Quantity Applied**	**4.62**	**4.76**	**4.75**	**4.16**	**4.43**	**4.58**	**4.5**	**4.66**	**4.69**	**5.06**
	Urea	2.03	1.99	2.01	1.86	2.07	2.12	2.03	2.02	2.08	2.24
	Ammosul	0.44	0.47	0.52	0.51	0.46	0.51	0.51	0.52	0.54	0.57
	Ammophos	0.63	0.72	0.64	0.45	0.55	0.53	0.57	0.54	0.51	0.52
	Complete	1.41	1.48	1.48	1.25	1.34	1.42	1.4	1.58	1.57	1.73
	Others	0.1	0.09	0.1	0.08	..	..	..	..	..	..
CAR	Average Quantity Applied	4.73	4.68	4.32	3.67	4.69	5.2	4.99	4.87	5.14	5.83
	Urea	2.56	2.77	2.51	2.4	3.11	3.41	3.15	2.78	3	3.36
	Ammosul	0.36	0.41	0.36	0.17	0.1	0.24	0.06	0.15	0.21	0.23
	Ammophos	0.51	0.63	0.5	0.29	0.24	0.25	0.43	0.39	0.38	0.52
	Complete	1.25	0.82	0.89	0.78	1.24	1.3	1.36	1.54	1.56	1.72
	Others	0.05	0.05	0.05	0.03	..	..	..	0.01	..	..
Ilocos Region	Average Quantity Applied	6.04	6.52	6.76	5.55	6.15	5.94	6.21	6.62	6.23	6.49
	Urea	3.02	2.89	3.34	3.03	3.48	3.17	3.06	3.06	2.95	3.05
	Ammosul	0.33	0.55	0.66	0.47	0.41	0.47	0.65	0.86	0.64	0.62
	Ammophos	0.34	0.33	0.29	0.26	0.24	0.33	0.61	0.27	0.37	0.25
	Complete	2.22	2.7	2.39	1.77	2.02	1.97	1.89	2.42	2.28	2.57
	Others	0.13	0.05	0.09	0.02	..	..	..	..	..	..
Cagayan Valley	Average Quantity Applied	5.45	5.24	5.49	5.25	5.46	5.32	5.99	5.49	5.85	5.66
	Urea	2.49	2.45	2.58	2.63	2.91	2.77	3.2	2.57	2.73	3
	Ammosul	0.29	0.31	0.36	0.4	0.4	0.48	0.45	0.46	0.67	0.5
	Ammophos	0.98	1.32	1.44	0.92	0.75	0.72	1.06	1	0.95	0.79
	Complete	1.44	1.06	1.04	1.19	1.4	1.34	1.28	1.46	1.49	1.36
	Others	0.26	0.09	0.07	0.12	..	..	..	..	..	..
Central Luzon	Average Quantity Applied	5.8	6.12	5.41	5.42	6.11	6.31	6.07	6.37	5.75	6.97
	Urea	2.31	2.28	1.98	2.01	2.35	2.46	2.29	2.43	2.39	2.71
	Ammosul	0.32	0.41	0.56	0.69	0.51	0.53	0.36	0.4	0.34	0.49
	Ammophos	0.92	1	0.69	0.72	0.98	1	0.94	0.96	0.71	0.81
	Complete	2.14	2.33	2.05	1.98	2.27	2.32	2.48	2.57	2.3	2.96
	Others	0.11	0.11	0.12	0.02	..	..	..	..	..	..
CALABARZON	Average Quantity Applied	3.96	4.01	4.52	4.27	3.65	3.74	3.94	3.69	3.9	3.96
	Urea	2.48	2.29	2.19	2.11	2.44	2.49	2.32	2.34	2.46	2.52
	Ammosul	0.31	0.83	0.62	0.86	0.1	0.13	0.11	0.14	0.16	0.11
	Ammophos	0.47	0.07	0.13	0.17	0.13	0.17	0.19	0.19	0.13	0.17
	Complete	0.7	0.77	1.58	1.13	0.97	0.95	1.32	1.02	1.15	1.15
	Others	..	0.05	0.01	..	..	..	..	..	..	..
MIMAROPA	Average Quantity Applied	3.97	5.23	5.07	3.88	4.96	4.17	4.88	5.08	5	5.22
	Urea	1.78	1.96	2.06	1.63	2.37	2.05	2.43	2.51	2.26	2.33
	Ammosul	0.39	0.4	0.44	0.42	0.49	0.35	0.35	0.38	0.4	0.38
	Ammophos	0.32	0.85	0.67	0.22	0.44	0.36	0.4	0.33	0.5	0.54
	Complete	1.45	1.96	1.75	1.6	1.66	1.41	1.7	1.86	1.84	1.97
	Others	0.03	0.06	0.14	..	..	..	..	..	..	..
Bicol Region	Average Quantity Applied	3.6	3.01	3.38	3.08	3.46	3.17	2.99	3.45	3.44	3.55
	Urea	1.89	1.59	1.81	1.7	1.88	1.74	1.58	1.69	1.67	1.7
	Ammosul	0.15	0.1	0.16	0.13	0.04	0.08	0.05	0.1	0.01	0.01
	Ammophos	0.37	0.15	0.15	0.22	0.31	0.23	0.27	0.27	0.29	0.32
	Complete	1.07	1.13	1.21	1.02	1.23	1.12	1.08	1.39	1.47	1.53
	Others	0.11	0.04	0.05	..	..	..	..	..	..	..
Western Visayas	Average Quantity Applied	4.39	4.39	4.4	3.71	4.14	4.01	4.31	4.3	4.69	4.73
	Urea	1.69	1.65	1.54	1.38	1.8	1.65	1.72	1.69	1.89	1.77
	Ammosul	0.61	0.55	0.59	0.7	0.55	0.57	0.7	0.52	0.8	1
	Ammophos	0.87	1.01	1	0.61	0.87	0.63	0.55	0.57	0.54	0.6
	Complete	1.08	1.1	1.18	0.94	0.92	1.16	1.34	1.52	1.47	1.36
	Others	0.14	0.08	0.09	0.08	..	..	..	..	..	..

Continued

Table 2.9.1
PALAY: AVERAGE QUANTITY APPLIED OF INORGANIC FERTILIZER BY GRADE AND REGION *(continued)*
2005 to 2014
(In bags of 50 kilos)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Central Visayas	Average Quantity Applied	3.73	3.35	3.84	3.72	3.67	3.63	4.05	3.92	4.13	5
	Urea	1.11	1	1.17	1.08	1.39	1.19	1.39	1.34	1.33	1.62
	Ammosul	0.1	0.02	0.01	0.06	0.06	0.09	0.14	0.19	0.13	0.18
	Ammophos	0.2	0.32	0.36	0.15	0.33	0.31	0.25	0.21	0.2	0.27
	Complete	2.3	1.94	2.3	2.28	1.89	2.04	2.28	2.18	2.47	2.93
	Others	0.02	0.08	0	0.16	..	..	..	..	..	..
Eastern Visayas	Average Quantity Applied	3.27	2.95	3.12	2.16	1.94	2.54	2.18	2.94	2.63	2.28
	Urea	1.44	1.56	1.68	1.13	0.94	1.2	0.97	1.36	1.25	1.1
	Ammosul	0.23	0.15	0.1	0.04	0.06	0.13	0.08	0.1	0.09	0.1
	Ammophos	0.62	0.22	0.15	0.09	0.1	0.32	0.16	0.25	0.25	0.24
	Complete	0.98	0.99	1.13	0.89	0.84	0.9	0.97	1.23	1.05	0.85
	Others	..	0.02	0.05	..	..	..	..	..	..	..
Zamboanga Peninsula	Average Quantity Applied	3.25	3.87	3.72	3.04	3.54	3.15	3.26	3.51	3.45	3.61
	Urea	1.29	1.18	1.49	1.05	1.28	1.19	1.18	1.34	1.41	1.47
	Ammosul	0.44	0.48	0.56	0.55	0.42	0.55	0.59	0.7	0.5	0.54
	Ammophos	0.6	0.77	0.45	0.59	0.73	0.69	0.7	0.62	0.71	0.74
	Complete	0.8	1.21	1.1	0.85	1.1	0.73	0.79	0.85	0.83	0.86
	Others	0.11	0.23	0.13	..	..	..	..	..	..	..
Northern Mindanao	Average Quantity Applied	5.01	4.92	5.01	4.69	3.77	4.59	5.25	4.88	4.82	5.12
	Urea	1.64	1.32	1.49	1.18	1.25	1.39	2.03	1.69	1.73	1.91
	Ammosul	1.2	1.44	1.3	1.56	1.3	1.59	1.53	1.41	1.44	1.41
	Ammophos	0.89	0.86	0.96	0.95	0.5	0.52	0.61	0.75	0.7	0.73
	Complete	1.11	0.96	1.07	0.97	0.72	1.1	1.09	1.03	0.95	1.06
	Others	0.16	0.35	0.18	0.03	..	..	..	..	..	..
Davao Region	Average Quantity Applied	4.88	5.35	4.8	4.7	4.82	4.58	4.52	4.35	5.08	4.74
	Urea	2.06	2.11	1.95	1.72	2.12	2.24	1.99	1.88	2.19	1.89
	Ammosul	1.08	1.18	0.93	0.91	1.07	0.96	1.14	0.94	0.98	1.06
	Ammophos	0.58	0.65	0.48	0.32	0.37	0.25	0.34	0.28	0.28	0.17
	Complete	1.06	1.26	1.24	0.99	1.25	1.13	1.05	1.26	1.63	1.62
	Others	0.1	0.15	0.19	0.76	..	..	..	..	..	..
SOCCSKSARGEN	Average Quantity Applied	3.53	3.44	3.81	2.92	3.22	3.29	3.12	3.44	3.66	3.72
	Urea	2.06	1.9	1.87	1.48	1.73	1.83	1.61	1.69	1.83	1.89
	Ammosul	0.33	0.37	0.59	0.52	0.52	0.58	0.6	0.75	0.6	0.69
	Ammophos	0.23	0.36	0.33	0.14	0.27	0.2	0.28	0.26	0.33	0.25
	Complete	0.85	0.71	0.89	0.68	0.71	0.68	0.64	0.74	0.89	0.89
	Others	0.06	0.1	0.13	0.1	..	..	..	..	..	..
Caraga	Average Quantity Applied	3.6	3.87	3.46	3.77	2.46	3.02	2.95	2.98	3.07	3.32
	Urea	0.61	0.86	0.79	0.9	0.56	0.83	0.75	0.78	0.86	0.94
	Ammosul	1.14	1.21	0.99	0.86	1.01	1.07	1.17	1.21	1.15	1.15
	Ammophos	0.06	0.1	0.06	0.2	0.07	0.09	0.16	0.15	0.11	0.09
	Complete	1.59	1.57	1.4	1.04	0.82	1.03	0.87	0.84	0.94	1.14
	Others	0.2	0.14	0.22	0.78	..	..	..	..	..	..
ARMM	Average Quantity Applied	3.77	3.01	3.93	3.03	1.87	..	1.79	1.84	1.68	2.39
	Urea	1.46	1.46	1.63	2.12	0.5	..	0.46	0.66	0.67	1.31
	Ammosul	0.65	0.21	0.31	0.09	0.48	..	0.4	0.32	0.14	0.05
	Ammophos	0.75	0.51	0.13	0.08	0.42	..	0.48	0.33	0.22	..
	Complete	0.9	0.82	1.84	0.75	0.47	..	0.44	0.53	0.65	1.03
	Others	..	..	0.01	..	..	..	..	..	..	..

... Data not available
Total may not add up to due to rounding off
Total excludes ARMM for 2010
No Fertilizer data in ARMM for 2010
Revised data for 2009, 2011 and 2014

Source: Philippine Statistics Authority

Table 2.9.2
CORN: AVERAGE QUANTITY APPLIED OF INORGANIC FERTILIZER BY GRADE AND REGION
2005 to 2014
(In bags of 50 kilos)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Philippines	**Average Quantity Applied**	**4.31**	**4.95**	**4.63**	**4.31**	**4.16**	**4.03**	**4.16**	**4.63**	**4.36**	**4.85**
	Urea	1.77	2.09	2.13	1.87	1.89	1.86	2.02	2.16	1.95	2.34
	Ammosul	0.42	0.59	0.4	0.47	0.48	0.48	0.43	0.44	0.34	0.43
	Ammophos	0.76	0.82	0.73	0.75	0.65	0.57	0.66	0.69	0.67	0.82
	Complete	1.12	1.26	1.25	1.19	1.07	1.11	1.04	1.31	1.22	1.25
	Others	0.25	0.2	0.12	0.03	0.08	..	0.01	0.03	0.17	..
CAR	Average Quantity Applied	2.89	4.22	6.04	4.89	4.45	4.57	4.43	5.31	4.81	6.2
	Urea	1.74	2.1	2.94	2.83	2.38	2.39	2.53	2.76	2.4	3.34
	Ammosul	0.28	0.08	0.5	0.3	0.12	0.21	0.01	0.28	0.21	0.12
	Ammophos	0.32	0.62	0.85	0.58	0.97	0.75	0.8	0.85	1.01	1.4
	Complete	0.55	1.4	1.64	1.13	0.95	1.21	1.08	1.42	1.19	1.34
	Others	..	0.01	0.11	0.06	0.02	..	..	..	..	..
Ilocos Region	Average Quantity Applied	6.98	6.97	6.51	6.58	6.28	5.78	6.91	8.45	6.79	7.99
	Urea	4.59	4.44	3.61	3.25	3.57	3.34	4.33	5.17	4.07	4.55
	Ammosul	0.56	0.5	0.13	1.01	0.63	0.73	0.73	0.39	0.36	0.64
	Ammophos	0.18	0.1	0.31	0.06	0.05	0.05	0.06	0.01	0.01	0.01
	Complete	1.56	1.92	2.16	2.09	2.03	1.66	1.8	2.88	2.35	2.8
	Others	0.09	0.01	0.29	0.18	0.01	..	..	..	..	..
Cagayan Valley	Average Quantity Applied	5.96	5.87	5.42	6.13	5.75	5.57	5.72	6.6	6.97	6.9
	Urea	2.91	1.86	2.97	3.03	3.03	3.04	3.15	3.5	3.44	3.9
	Ammosul	0.33	0.42	0.18	0.59	0.35	0.45	0.39	0.27	0.24	0.21
	Ammophos	1.05	1.4	0.9	1.18	0.99	1.15	1.14	1.38	1.52	1.84
	Complete	1.29	1.67	1.26	1.3	1.18	0.94	1.03	1.44	1.38	0.95
	Others	0.38	0.52	0.11	0.01	0.2	..	..	0.01	0.4	..
Central Luzon	Average Quantity Applied	6.03	5.15	6.21	6.08	5.67	5.33	5.45	6.35	4.41	7.13
	Urea	2.8	2.25	2.45	2.07	2.64	2.42	2.48	3.22	2.4	3.78
	Ammosul	0.33	0.43	0.98	1.35	0.72	0.86	0.89	0.49	0.36	0.45
	Ammophos	0.15	0.17	0.39	0.17	0.35	0.26	0.21	0.1	0.12	0.17
	Complete	2.65	2.28	2.36	2.48	1.94	1.79	1.87	2.45	1.52	2.73
	Others	0.1	0.02	0.04	0.01	0.02	..	..	0.1	..	..
CALABARZON	Average Quantity Applied	0.72	7.15	5.9	2.34	2.37	3.01	4.11	3.85	4.61	4.28
	Urea	0.5	3.24	2.38	1.45	1.56	1.63	1.7	1.8	2.18	2.55
	Ammosul	0.19	2.96	2.89	0.66	0.18	0.08	0.07	0.2	0.65	0.15
	Ammophos	..	..	..	0.05	0.01	0.04	0.04	0.03	0.02	0.08
	Complete	0.02	0.89	0.54	0.15	0.61	1.27	2.31	1.82	1.75	1.51
	Others	0.01	0.06	0.09	0.03	0.02	..	..	..	..	..
MIMAROPA	Average Quantity Applied	11.8	2.64	2.53	2.74	3.97	4.13	4.91	4.58	6.5	5.88
	Urea	..	0.81	1.93	1.63	2.58	2.5	3.2	1.99	3.79	4.02
	Ammosul	8	0.01	0.03	0.35	0.02	..	..	0.01	0.03	0.07
	Ammophos	..	..	..	0.11	0.01	0.03	0.06	0.85	0.28	0.12
	Complete	3.8	1.81	0.57	0.65	1.37	1.6	1.66	1.73	2.4	1.68
	Others	..	..	..	..	..	..	..	..	..	..
Bicol Region	Average Quantity Applied	5.65	5.37	5.2	2.47	2.59	2.6	3.08	2.74	3.82	3.98
	Urea	2.5	2.23	2.15	0.95	1.27	1.27	1.54	1.29	1.6	1.89
	Ammosul	0.81	0.12	0.05	0.08	0.08	0.17	0.11	0.11	0.13	0.1
	Ammophos	0.42	0.01	0.02	0.31	0.37	0.32	0.53	0.31	0.42	0.13
	Complete	1.92	2.81	2.74	1.1	0.8	0.84	0.88	1.02	1.42	1.85
	Others	..	0.2	0.25	0.02	0.06	..	0.02	0.01	0.25	..
Western Visayas	Average Quantity Applied	9.68	9.68	8.23	11.25	4.51	4.21	4.18	4.17	3.07	5.2
	Urea	1.86	1.99	2.32	1.38	1.51	1.58	1.57	1.53	0.72	1.54
	Ammosul	1.07	1.87	1.71	1.22	0.95	0.61	0.63	0.51	0.21	0.31
	Ammophos	0.85	0.13	1.64	1.1	0.74	0.58	0.57	0.9	1.22	1.25
	Complete	1.03	0.76	1.43	1.86	1.3	1.39	1.35	1.2	0.87	2.1
	Others	0.04	..	1.12	0.03	0.02	0.05	0.06	0.02	0.05	0.01

Continued

Table 2.9.2
CORN: AVERAGE QUANTITY APPLIED OF INORGANIC FERTILIZER BY GRADE AND REGION *(continued)*
2005 to 2014
(In bags of 50 kilos)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Central Visayas	Average Quantity Applied	3.6	4.6	3.76	2.51	3.03	2.88	2.61	2.73	2.44	2.72
	Urea	0.97	1.95	1.44	0.73	0.66	0.65	0.63	0.76	0.55	0.66
	Ammosul	0.6	0.53	0.34	0.67	0.86	0.75	0.65	0.65	0.6	0.59
	Ammophos	0.14	0.65	0.22	0.39	0.27	0.59	0.59	0.38	0.19	0.21
	Complete	0.94	1.07	1.23	0.72	0.85	0.89	0.74	0.94	1.08	1.26
	Others	0.95	0.4	0.53	..	0.39	..	..	..	0.01	..
Eastern Visayas	Average Quantity Applied	1.04	2.01	1.71	2.62	2.64	2.61	1.71	2.43	2.28	2.29
	Urea	0.38	0.85	0.89	1.26	1.2	1.14	0.99	1.09	1.1	1.09
	Ammosul	0.04	0.19	0.25	0.29	0.42	0.37	0.18	0.23	0.28	0.34
	Ammophos	0.04	0.16	0.15	0.04	0.15	0.22	0.17	0.16	0.13	0.19
	Complete	0.3	0.82	0.42	1.03	0.86	0.88	0.37	0.95	0.74	0.67
	Others	0.28	..	..	..	..	..	..	..	0.02	..
Zamboanga Peninsula	Average Quantity Applied	2.67	4	2.86	2.59	2.26	2.24	3.13	3.12	4.59	4.18
	Urea	0.87	1.64	1.16	0.8	0.64	0.63	0.74	0.79	1.28	1.68
	Ammosul	0.39	0.75	0.46	0.32	0.38	0.34	0.28	0.56	0.57	0.55
	Ammophos	0.93	1.02	0.58	1.01	0.7	0.68	1.28	1.02	1.32	1.44
	Complete	0.41	0.54	0.63	0.43	0.48	0.59	0.83	0.74	0.64	0.51
	Others	0.07	0.06	0.02	0.03	0.06	..	..	..	0.79	..
Northern Mindanao	Average Quantity Applied	3.9	4.88	5.64	5.59	5.17	5.29	5.59	6.07	4.89	5.88
	Urea	1.17	1.65	2.06	2.17	1.82	2.34	2.47	2.61	1.88	2.65
	Ammosul	0.53	1.04	0.69	0.67	0.87	0.48	0.52	0.48	0.39	0.83
	Ammophos	0.94	1.25	1.56	1.37	1.24	0.91	1.06	1	0.77	1.09
	Complete	0.97	0.86	1.19	1.37	1.2	1.56	1.54	1.98	1.57	1.31
	Others	0.29	0.09	0.13	0.01	0.04	..	0.01	..	0.27	..
Davao Region	Average Quantity Applied	2.46	3.34	3.08	2.71	2.98	2.98	1.69	2.32	2.01	2.31
	Urea	1.14	1.4	1.35	1.06	1.43	1.36	0.73	1.08	1.02	1.17
	Ammosul	0.29	0.5	0.38	0.39	0.38	0.43	0.49	0.52	0.25	0.31
	Ammophos	0.17	0.27	0.27	0.28	0.24	0.28	0.06	0.06	0.07	0.07
	Complete	0.87	1.17	1.03	0.94	0.91	0.89	0.41	0.65	0.65	0.76
	Others	..	0.01	0.04	0.04	0.02	0.01	..	..	0.02	..
SOCCSKSARGEN	Average Quantity Applied	5.2	5.5	4.26	4.5	4.09	4.22	4.26	5.02	3.41	4.6
	Urea	2.32	2.86	2.2	2.19	1.98	1.84	2.46	2.41	1.68	2.35
	Ammosul	0.32	0.5	0.29	0.3	0.39	0.69	0.4	0.59	0.31	0.38
	Ammophos	1.09	0.62	0.68	0.83	0.63	0.34	0.53	0.67	0.33	0.48
	Complete	1.45	1.37	1.07	1.1	1.07	1.35	0.84	1.17	1.08	1.38
	Others	0.03	0.14	0.02	0.08	0.02	..	0.04	0.18	0.01	..
Caraga	Average Quantity Applied	2.27	2.36	3.45	2.69	2.93	3.03	3.25	3.37	3.3	4.45
	Urea	0.93	1.05	1.32	0.99	1.71	1.71	1.79	1.8	1.38	2.29
	Ammosul	0.24	0.24	0.62	0.1	0.46	0.69	0.84	0.67	0.8	1.24
	Ammophos	0.11	0.07	0.16	0.45	0.1	0.04	0.03	0.06	0.13	0.1
	Complete	0.73	0.99	1.35	1.16	0.64	0.6	0.59	0.84	0.83	0.82
	Others	0.25	0.01	..	..	0.01	..	..	..	0.16	..
ARMM	Average Quantity Applied	4.41	3.48	4.11	2.55	2.51	2.31	2.73	2.71	2.74	2.62
	Urea	2.63	1.8	1.78	1.17	1.25	1.12	1.19	1.19	1.2	1
	Ammosul	0.25	0.1	0.19	0.14	0.18	0.26	0.36	0.35	0.35	0.32
	Ammophos	0.4	0.37	0.14	0.11	0.22	0.16	0.25	0.24	0.23	0.01
	Complete	1.14	1.21	2	1.13	0.86	0.78	0.93	0.93	0.94	1.29
	Others	..	..	..	..	..	..	..	..	..	..

... Data not available
Total may not add up to due to rounding off
Total excludes ARMM for 2010
No Fertilizer data in ARMM for 2010
Revised data for 2009, 2011 and 2014

Source: Philippine Statistics Authority

Table 2.10.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION
2006 to 2015
(In heads)

	2006			2007			2008		
	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
Carabao									
Philippines	3,360,675	3,354,064	6,611	3,383,621	3,377,061	6,560	3,338,570	3,332,223	6,347
NCR	0	0	0	0	0	0	0	0	0
CAR	97,338	96,665	673	93,642	93,100	542	87,284	86,845	439
Abra	35,891	35,880	11	35,488	35,464	24	37,772	37,746	26
Apayao	10,540	10,540	0	10,937	10,937	0	10,183	10,183	0
Benguet	13,537	13,537	0	14,448	14,448	0	12,522	12,522	0
Ifugao	6,023	5,624	399	6,032	5,685	347	6,089	5,736	353
Kalinga	9,137	8,964	173	10,070	9,976	94	9,378	9,318	60
Mountain Province	22,210	22,120	90	16,667	16,590	77	11,340	11,340	0
Ilocos Region	203,827	203,519	308	203,162	202,873	289	206,099	205,820	279
Ilocos Norte	19,843	19,590	253	21,405	21,170	235	23,677	23,450	227
Ilocos Sur	19,344	19,344	0	17,837	17,837	0	16,770	16,770	0
La Union	28,753	28,698	55	28,904	28,850	54	30,552	30,500	52
Pangasinan	135,887	135,887	0	135,016	135,016	0	135,100	135,100	0
Cagayan Valley	342,688	342,315	373	338,920	338,515	405	332,452	331,985	467
Batanes	0	..	..	0	..	..	0	..	..
Cagayan	141,839	141,674	165	140,692	140,522	170	135,852	135,702	150
Isabela	155,745	155,537	208	152,935	152,700	235	150,646	150,329	317
Nueva Vizcaya	21,644	21,644	0	21,239	21,239	0	21,784	21,784	0
Quirino	23,460	23,460	0	24,054	24,054	0	24,170	24,170	0
Central Luzon	208,428	207,451	977	204,508	203,565	943	206,092	205,195	897
Aurora	30,603	30,603	0	28,570	28,570	0	27,031	27,031	0
Bataan	5,213	5,200	13	4,811	4,799	12	5,128	5,114	14
Bulacan	8,489	8,486	3	8,335	8,306	29	5,736	5,721	15
Nueva Ecija	52,190	51,424	766	53,380	52,640	740	53,365	52,600	765
Pampanga	17,358	17,321	37	16,829	16,787	42	17,646	17,600	46
Tarlac	64,262	64,255	7	62,485	62,480	5	67,613	67,607	6
Zambales	30,313	30,162	151	30,098	29,983	115	29,573	29,522	51
CALABARZON	143,618	143,618	0	149,473	149,473	0	161,634	161,634	0
Batangas	34,324	34,324	0	34,731	34,731	0	35,648	35,648	0
Cavite	4,249	4,249	0	4,285	4,285	0	4,500	4,500	0
Laguna	31,100	31,100	0	33,568	33,568	0	37,019	37,019	0
Quezon	66,585	66,585	0	68,226	68,226	0	74,730	74,730	0
Rizal	7,360	7,360	0	8,663	8,663	0	9,737	9,737	0
MIMAROPA	187,796	187,796	0	176,393	176,393	0	156,320	156,320	0
Marinduque	21,819	21,819	0	19,749	19,749	0	17,058	17,058	0
Occidental Mindoro	70,153	70,153	0	67,626	67,626	0	64,675	64,675	0
Oriental Mindoro	47,748	47,748	0	48,414	48,414	0	38,606	38,606	0
Palawan	32,574	32,574	0	26,088	26,088	0	22,529	22,529	0
Romblon	15,502	15,502	0	14,516	14,516	0	13,452	13,452	0
Bicol Region	255,766	254,308	1,458	263,107	261,625	1,482	247,186	245,690	1,496
Albay	48,826	48,826	0	47,968	47,968	0	45,590	45,590	0
Camarines Norte	27,274	27,274	0	28,733	28,733	0	29,485	29,485	0
Camarines Sur	70,468	70,412	56	71,468	71,412	56	64,398	64,345	53
Catanduanes	9,580	9,580	0	10,129	10,129	0	10,312	10,312	0
Masbate	64,789	63,387	1,402	63,232	61,806	1,426	64,358	62,915	1,443
Sorsogon	34,829	34,829	0	41,577	41,577	0	33,043	33,043	0
Western Visayas	328,631	328,254	377	324,562	324,204	358	326,531	326,166	365
Aklan	23,455	23,455	0	23,330	23,330	0	23,740	23,740	0
Antique	35,510	35,510	0	33,470	33,470	0	34,900	34,900	0
Capiz	54,100	53,993	107	53,526	53,444	82	54,287	54,207	80
Guimaras	14,013	14,013	0	14,350	14,350	0	15,200	15,200	0
Iloilo	103,928	103,840	88	101,670	101,580	90	100,622	100,526	96
Negros Occidental	97,625	97,443	182	98,216	98,030	186	97,782	97,593	189
Central Visayas	164,197	163,840	357	166,669	166,239	430	168,779	168,371	408
Bohol	62,961	62,625	336	63,110	62,705	405	63,381	63,003	378
Cebu	49,150	49,150	0	49,985	49,985	0	49,900	49,900	0
Negros Oriental	51,291	51,270	21	52,777	52,752	25	54,698	54,668	30
Siquijor	795	795	0	797	797	0	800	800	0
Eastern Visayas	287,195	286,444	751	322,094	321,287	807	333,317	332,444	873
Biliran	12,800	12,800	0	12,117	12,102	15	8,720	8,703	17
Eastern Samar	40,415	40,415	0	41,660	41,660	0	41,127	41,127	0
Leyte	143,322	142,616	706	169,417	168,665	752	178,752	177,938	814
Northern Samar	45,800	45,800	0	50,367	50,367	0	43,645	43,645	0
Samar (Western Samar)	27,018	26,973	45	29,400	29,360	40	42,227	42,185	42
Southern Leyte	17,840	17,840	0	19,133	19,133	0	18,846	18,846	0
Zamboanga Peninsula	203,410	203,322	88	196,983	196,889	94	189,944	189,832	112
Zamboanga del Norte	90,078	89,990	88	90,758	90,664	94	90,494	90,382	112
Zamboanga del Sur	62,792	62,792	0	54,438	54,438	0	49,029	49,029	0
Zamboanga Sibugay	42,518	42,518	0	43,662	43,662	0	43,186	43,186	0
Zamboanga City	8,022	8,022	0	8,125	8,125	0	7,235	7,235	0
Northern Mindanao	153,008	152,421	587	142,760	142,157	603	142,974	142,413	561
Bukidnon	69,882	69,295	587	64,745	64,142	603	63,901	63,340	561
Camiguin	2,193	2,193	0	2,208	2,208	0	2,250	2,250	0
Lanao del Norte	44,358	44,358	0	38,461	38,461	0	37,200	37,200	0
Misamis Occidental	25,428	25,428	0	25,594	25,594	0	27,363	27,363	0
Misamis Oriental	11,147	11,147	0	11,752	11,752	0	12,260	12,260	0
Davao Region	180,860	180,750	110	184,800	184,682	118	176,415	176,305	110
Compostela Valley	19,444	19,394	50	19,824	19,766	58	21,620	21,579	41
Davao del Norte	25,040	24,980	60	30,385	30,325	60	25,645	25,590	55
Davao del Sur	54,262	54,262	0	58,559	58,559	0	56,253	56,253	0
Davao Oriental	29,869	29,869	0	25,796	25,796	0	30,650	30,636	14
Davao City	52,245	52,245	0	50,236	50,236	0	42,247	42,247	0
SOCCSKSARGEN	300,094	299,821	273	300,021	299,756	265	279,367	279,095	272
North Cotabato	111,153	111,048	105	109,097	109,007	90	106,024	105,946	78
Sarangani	31,369	31,369	0	31,961	31,961	0	32,180	32,180	0
South Cotabato	47,164	47,164	0	46,788	46,788	0	46,569	46,569	0
Sultan Kudarat	110,408	110,240	168	112,175	112,000	175	94,594	94,400	194
Caraga	108,886	108,820	66	108,391	108,352	39	103,154	103,107	47
Agusan del Norte	15,001	14,953	48	14,889	14,850	39	14,217	14,176	41
Agusan del Sur	46,058	46,040	18	46,142	46,142	0	42,962	42,956	6
Surigao del Norte	22,318	22,318	0	22,108	22,108	0	21,975	21,975	0
Surigao del Sur	25,509	25,509	0	25,252	25,252	0	24,000	24,000	0
Dinagat Islands	0	..	..	0	..	..	0	..	..
ARMM	194,933	194,720	213	208,136	207,951	185	221,022	221,001	21
Basilan	11,888	11,869	19	13,334	13,314	20	14,794	14,773	21
Lanao del Sur	50,729	50,729	0	52,068	52,068	0	51,661	51,661	0
Maguindanao	131,757	131,563	194	142,168	142,003	165	153,931	153,931	0
Sulu	451	451	0	470	470	0	0 s		0
Tawi-tawi	108	108	0	96	96	0	101	101	0

2009			2010			2011			2012		
Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
3,320,966	3,314,832	6,134	3,270,406	3,262,489	7,917	3,075,259	3,063,741	11,518	2,963,980	2,951,714	12,266
0	0	0	0	0	0	0	0	0	0	0	0
86,680	86,296	384	83,322	82,953	369	85,395	84,717	678	88,106	87,405	701
36,449	36,433	16	37,532	37,512	20	39,212	39,186	26	41,002	40,976	26
10,905	10,905	0	9,671	9,671	0	10,813	10,813	0	11,620	11,620	0
12,648	12,648	0	11,846	11,846	0	8,805	8,805	0	8,964	8,964	0
6,527	6,180	347	6,677	6,328	349	8,114	7,866	248	7,922	7,669	253
10,172	10,151	21	11,243	11,243	0	12,600	12,196	404	12,784	12,362	422
9,979	9,979	0	6,353	6,353	0	5,851	5,851	0	5,814	5,814	0
207.221	206.984	237	185.297	185.108	189	155.678	155.224	454	152.804	152.433	371
23,336	23,136	200	24,461	24,290	171	25,019	24,843	176	26,956	26,806	150
17,700	17,700	0	18,050	18,050	0	16,596	16,495	101	16,788	16,680	108
31,057	31,020	37	32,518	32,500	18	30,404	30,400	4	30,471	30,447	24
135.128	135.128	0	110.268	110.268	0	83.659	83.486	173	78.589	78.500	89
327,272	326,706	566	325,166	323,601	1,565	298,915	295,861	3,054	273,572	269,758	3,814
0	..	..	0	..	..	0	..	..	0	..	..
132,432	132,302	130	134,276	133,215	1,061	119,199	117,860	1,339	103,460	101,544	1,916
148.318	147.882	436	144.710	144.206	504	134.685	133.070	1.615	125.732	123.952	1.780
22,600	22,600	0	22,465	22,465	0	21,765	21,700	65	21,537	21,456	81
23,922	23,922	0	23,715	23,715	0	23,266	23,231	35	22,843	22,806	37
205,746	204,855	891	206,852	205,692	1,160	204,580	201,761	2,819	203,703	201,022	2,681
26,383	26,383	0	26,252	26,252	0	23,109	23,109	0	20,062	20,062	0
5,261	5,245	16	6,013	5,997	16	6,878	6,863	15	7,830	7,811	19
6,491	6,481	10	5,590	5,380	210	10,780	10,426	354	12,022	11,578	444
53,415	52,640	775	53,950	53,140	810	51,442	49,268	2,174	53,535	51,695	1,840
20,242	20,195	47	21,843	21,757	86	23,191	23,040	151	25,387	25,205	182
64,688	64,682	6	62,195	62,190	5	61,049	60,974	75	57,502	57,372	130
29,266	29,229	37	31,009	30,976	33	28,131	28,081	50	27,365	27,299	66
170,436	170,436	0	170,639	169,949	690	171,500	170,540	960	170,789	169,728	1,061
36,471	36,471	0	35,974	35,974	0	36,864	36,864	0	37,233	37,233	0
4,714	4,714	0	4,520	4,520	0	4,267	4,267	0	4,000	4,000	0
38,153	38,153	0	37,655	37,655	0	37,230	37,000	230	36,079	35,768	311
80,500	80,500	0	81,890	81,200	690	82,130	81,400	730	82,820	82,070	750
10,598	10,598	0	10,600	10,600	0	11,009	11,009	0	10,657	10,657	0
145,770	145,770	0	135,143	135,143	0	124,338	124,338	0	120,466	120,408	58
15,334	15,334	0	14,259	14,259	0	12,532	12,532	0	10,889	10,889	0
62,166	62,166	0	56,243	56,243	0	48,285	48,285	0	45,772	45,772	0
36,142	36,142	0	35,771	35,771	0	34,066	34,066	0	33,332	33,332	0
19,578	19,578	0	17,250	17,250	0	19,593	19,593	0	21,606	21,548	58
12,550	12,550	0	11,620	11,620	0	9,862	9,862	0	8,867	8,867	0
248,920	247,404	1,516	256,335	254,844	1,491	245,321	244,212	1,109	250,726	249,630	1,096
47,497	47,497	0	51,435	51,435	0	49,841	49,841	0	52,376	52,376	0
30,231	30,231	0	30,624	30,624	0	30,520	30,520	0	33,500	33,500	0
65,486	65,429	57	66,037	65,979	58	61,715	61,715	0	62,864	62,864	0
10,577	10,577	0	10,679	10,679	0	11,775	11,775	0	9,622	9,596	26
65,469	64,010	1,459	66,537	65,104	1,433	63,549	62,440	1,109	63,270	62,200	1,070
29,660	29,660	0	31,023	31,023	0	27,921	27,921	0	29,094	29,094	0
325,532	325,177	355	327,722	327,367	355	312,022	311,750	272	311,055	310,769	286
23,927	23,927	0	23,731	23,731	0	21,634	21,634	0	21,713	21,713	0
34,910	34,910	0	36,547	36,547	0	34,559	34,559	0	37,804	37,804	0
54,244	54,169	75	53,760	53,691	69	42,940	42,852	88	39,837	39,746	91
15,510	15,510	0	16,053	16,053	0	15,512	15,512	0	14,738	14,738	0
100,736	100,637	99	101,746	101,640	106	97,069	96,972	97	94,328	94,223	105
96.205	96.024	181	95.885	95.705	180	100.308	100.221	87	102.635	102.545	90
169,679	169,269	410	170,074	169,674	400	169,295	168,810	485	170,886	170,330	556
63,298	62,920	378	63,595	63,227	368	64,152	63,737	415	64,758	64,284	474
49,775	49,775	0	48,472	48,472	0	46,376	46,346	30	47,327	47,296	31
55.799	55.767	32	57.189	57.157	32	57.973	57.933	40	58.006	57.955	51
807	807	0	818	818	0	794	794	0	795	795	0
331,245	330,366	879	337,971	337,146	825	309,048	308,778	270	293,694	293,463	231
5,159	5,150	9	6,770	6,770	0	5,158	5,158	0	4,192	4,192	0
39.215	39.215	0	36.520	36.520	0	32.930	32.930	0	28.984	28.984	0
179,081	178,263	818	180,655	179,830	825	162,219	161,974	245	156,025	155,823	202
44,671	44,671	0	49,265	49,265	0	46,820	46,820	0	44,674	44,674	0
44,284	44,232	52	45,300	45,300	0	42,931	42,906	25	41,917	41,888	29
18.835	18.835	0	19.461	19.461	0	18.990	18.990	0	17.902	17.902	0
181,946	181,845	101	172,988	172,879	109	151,615	151,450	165	141,339	141,162	177
89,315	89,214	101	83,492	83,383	109	68,539	68,444	95	64,546	64,424	122
43,748	43,748	0	40,500	40,500	0	39,422	39,352	70	36,371	36,316	55
41,673	41,673	0	41,716	41,716	0	36,734	36,734	0	33,722	33,722	0
7,210	7,210	0	7,280	7,280	0	6,920	6,920	0	6,700	6,700	0
145,913	145,592	321	133,819	133,575	244	129,033	128,373	660	127,778	127,040	738
65,771	65,450	321	60,354	60,110	244	58,010	57,700	310	56,816	56,500	316
2,390	2,390	0	2,450	2,450	0	2,447	2,447	0	2,475	2,475	0
38,213	38,213	0	33,440	33,440	0	33,505	33,175	330	33,988	33,566	422
26,499	26,499	0	25,075	25,075	0	22,470	22,470	0	22,224	22,224	0
13,040	13,040	0	12,500	12,500	0	12,601	12,581	20	12,275	12,275	0
171,458	171,347	111	178,526	178,381	145	171,129	170,975	154	166,513	166,361	152
23,336	23,297	39	27,947	27,893	54	27,422	27,367	55	26,620	26,582	38
25,702	25,645	57	27,432	27,390	42	27,531	27,485	46	25,267	25,210	57
51,668	51,668	0	49,844	49,810	34	47,234	47,198	36	46,250	46,212	38
30.594	30.579	15	34,847	34,832	15	32,880	32,863	17	34,430	34,411	19
40,158	40,158	0	38,456	38,456	0	36,062	36,062	0	33,946	33,946	0
281,706	281,405	301	274,322	274,020	302	255,139	254,977	162	240,783	240,497	286
105,740	105,659	81	102,842	102,755	87	95,312	95,210	102	92,065	91,810	255
32.070	32.070	0	32.624	32.624	0	31.800	31.800	0	30.600	30.600	0
46,698	46,698	0	48,168	48,168	0	46,067	46,067	0	45,900	45,900	0
97,198	96,978	220	90,688	90,473	215	81,960	81,900	60	72,218	72,187	31
97,731	97,690	41	93,600	93,548	52	87,292	87,231	61	83,336	83,286	50
13.781	13.740	41	14.077	14.025	52	14.771	14.720	51	14.724	14.680	44
38,850	38,850	0	36,047	36,047	0	31,523	31,513	10	30,262	30,256	6
22,100	22,100	0	19,921	19,921	0	18,650	18,650	0	17,225	17,225	0
23,000	23,000	0	21,990	21,990	0	20,786	20,786	0	19,580	19,580	0
0	..	..	1,565	1,565	..	1,562	1,562	..	1,545	1,545	0
223,711	223,690	21	218,630	218,609	21	204,959	204,744	215	168,430	168,422	8
16,449	16,428	21	17,789	17,768	21	17,577	17,567	10	19,368	19,360	8
51,680	51,680	0	49,520	49,520	0	35,590	35,590	0	27,500	27,500	0
154,815	154,815	0	150,427	150,427	0	150,897	150,692	205	120,562	120,562	0
644	644	0	757	757	0	750	750	0	831	831	0
123	123	0	137	137	0	145	145	0	169	169	0

Continued

Table 2.10.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2006 to 2015
(In heads)

	2013			2014			2015		
	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
Carabao									
Philippines	2,912,842	2,900,681	12,161	2,847,445	2,835,818	11,627	2,854,838	2,842,768	12,070
NCR	0	..	..	0	..	..	0	..	..
CAR	88,794	87,834	960	87,273	86,403	870	86,023	85,094	929
Abra	41,629	41,599	30	39,984	39,957	27	36,875	36,854	21
Apayao	11,851	11,851	0	12,227	12,227	0	12,657	12,657	0
Benguet	9,141	9,141	0	9,482	9,482	0	10,260	10,260	0
Ifugao	8,189	7,600	589	7,722	7,166	556	7,648	7,020	628
Kalinga	12,174	11,833	341	11,773	11,486	287	12,634	12,354	280
Mountain Province	5,810	5,810	0	6,085	6,085	0	5,949	5,949	0
Ilocos Region	161,197	160,876	321	157,057	156,699	358	160,310	159,947	363
Ilocos Norte	32,620	32,564	56	33,089	33,027	62	33,455	33,381	74
Ilocos Sur	17,346	17,232	114	18,280	18,165	115	19,028	18,951	77
La Union	31,141	31,115	26	28,515	28,507	8	29,268	29,260	8
Pangasinan	80,090	79,965	125	77,173	77,000	173	78,559	78,355	204
Cagayan Valley	258,092	254,250	3,842	252,830	249,360	3,470	247,171	244,177	2,994
Batanes	0	..	..	2,604	2,604	..	2,835	2,835	0
Cagayan	97,383	95,301	2,082	96,235	94,312	1,923	95,876	94,233	1,643
Isabela	117,291	115,651	1,640	110,428	108,990	1,438	104,592	103,357	1,235
Nueva Vizcaya	21,111	21,030	81	21,245	21,163	82	21,447	21,362	85
Quirino	22,307	22,268	39	22,318	22,291	27	22,421	22,390	31
Central Luzon	204,094	201,551	2,543	211,966	209,248	2,718	217,665	214,003	3,662
Aurora	18,046	18,046	0	17,892	17,892	0	17,750	17,750	0
Bataan	8,235	8,215	20	8,857	8,825	32	8,755	8,725	30
Bulacan	13,410	12,853	557	14,454	13,735	719	16,118	15,100	1,018
Nueva Ecija	54,658	53,118	1,540	56,107	54,564	1,543	56,684	54,486	2,198
Pampanga	28,253	28,051	202	31,839	31,631	208	35,653	35,458	195
Tarlac	53,314	53,178	136	53,693	53,576	117	53,190	53,084	106
Zambales	28,178	28,090	88	29,124	29,025	99	29,515	29,400	115
CALABARZON	172,016	170,982	1,034	171,388	170,563	825	171,696	170,909	787
Batangas	38,076	38,076	0	38,274	38,274	0	38,800	38,800	0
Cavite	4,042	4,042	0	4,084	4,084	0	4,189	4,189	0
Laguna	37,396	37,107	289	37,030	36,855	175	38,779	38,610	169
Quezon	82,695	81,950	745	83,300	82,650	650	82,028	81,410	618
Rizal	9,807	9,807	0	8,700	8,700	0	7,900	7,900	0
MIMAROPA	116,130	116,060	70	115,910	115,823	87	117,107	116,998	109
Marinduque	9,559	9,559	0	9,610	9,610	0	9,706	9,706	0
Occidental Mindoro	41,506	41,506	0	38,978	38,978	0	38,358	38,358	0
Oriental Mindoro	33,299	33,299	0	33,805	33,805	0	33,760	33,760	0
Palawan	23,642	23,572	70	25,521	25,434	87	27,327	27,218	109
Romblon	8,124	8,124	0	7,996	7,996	0	7,956	7,956	0
Bicol Region	257,943	256,832	1,111	269,100	267,990	1,110	278,331	277,318	1,013
Albay	56,781	56,781	0	62,139	62,139	0	68,026	68,026	0
Camarines Norte	36,486	36,486	0	39,065	39,065	0	41,359	41,359	0
Camarines Sur	61,846	61,820	26	63,238	63,206	32	65,019	64,986	33
Catanduanes	8,509	8,486	23	7,732	7,710	22	6,865	6,840	25
Masbate	63,331	62,269	1,062	63,690	62,634	1,056	64,076	63,121	955
Sorsogon	30,990	30,990	0	33,236	33,236	0	32,986	32,986	0
Western Visayas	310,114	309,827	287	313,592	313,361	231	312,583	312,349	234
Aklan	21,993	21,993	0	23,308	23,308	0	22,768	22,768	0
Antique	36,472	36,472	0	36,873	36,873	0	37,209	37,209	0
Capiz	40,426	40,335	91	41,236	41,180	56	41,268	41,205	63
Guimaras	14,643	14,643	0	14,889	14,889	0	14,362	14,362	0
Iloilo	93,373	93,269	104	93,858	93,770	88	93,926	93,850	76
Negros Occidental	103,207	103,115	92	103,428	103,341	87	103,050	102,955	95
Central Visayas	172,662	172,144	518	174,501	173,953	548	177,952	177,403	549
Bohol	65,962	65,488	474	67,383	66,883	500	68,522	68,014	508
Cebu	46,909	46,909	0	47,098	47,098	0	47,722	47,722	0
Negros Oriental	58,985	58,941	44	59,199	59,151	48	60,864	60,823	41
Siquijor	806	806	0	821	821	0	844	844	0
Eastern Visayas	280,210	280,012	198	234,612	234,431	181	233,613	233,418	195
Biliran	4,096	4,096	0	4,320	4,320	0	4,414	4,414	0
Eastern Samar	25,124	25,124	0	20,160	20,160	0	19,175	19,175	0
Leyte	149,871	149,696	175	114,513	114,354	159	117,419	117,259	160
Northern Samar	45,680	45,680	0	46,825	46,825	0	46,640	46,640	0
Samar (Western Samar)	39,160	39,137	23	33,291	33,269	22	31,517	31,482	35
Southern Leyte	16,279	16,279	0	15,503	15,503	0	14,448	14,448	0
Zamboanga Peninsula	139,712	139,568	144	141,849	141,702	147	144,969	144,839	130
Zamboanga del Norte	64,466	64,329	137	63,265	63,125	140	62,707	62,582	125
Zamboanga del Sur	37,127	37,120	7	40,039	40,032	7	43,140	43,135	5
Zamboanga Sibugay	32,010	32,010	0	32,020	32,020	0	32,497	32,497	0
Zamboanga City	6,109	6,109	0	6,525	6,525	0	6,625	6,625	0
Northern Mindanao	126,739	126,023	716	123,997	123,310	687	125,189	124,492	697
Bukidnon	54,804	54,500	304	52,424	52,000	424	53,537	53,200	337
Camiguin	2,520	2,520	0	2,580	2,580	0	2,732	2,732	0
Lanao del Norte	35,312	34,900	412	36,113	35,850	263	37,225	36,865	360
Misamis Occidental	22,330	22,330	0	21,680	21,680	0	21,220	21,220	0
Misamis Oriental	11,773	11,773	0	11,200	11,200	0	10,475	10,475	0
Davao Region	162,009	161,865	144	162,621	162,484	137	162,801	162,651	150
Compostela Valley	25,531	25,490	41	25,925	25,892	33	26,576	26,543	33
Davao del Norte	24,740	24,700	40	23,681	23,639	42	22,117	22,075	42
Davao del Sur	43,907	43,867	40	41,666	41,625	41	42,376	42,325	51
Davao Oriental	33,068	33,045	23	34,532	34,511	21	34,224	34,200	24
Davao City	34,763	34,763	0	36,817	36,817	0	37,508	37,508	0
SOCCSKSARGEN	235,330	235,109	221	222,195	221,999	196	213,500	213,319	181
North Cotabato	90,010	89,824	186	79,704	79,544	160	74,144	74,004	140
Sarangani	29,800	29,800	0	28,600	28,600	0	27,300	27,300	0
South Cotabato	44,925	44,925	0	44,360	44,360	0	43,253	43,253	0
Sultan Kudarat	70,595	70,560	35	69,531	69,495	36	68,803	68,762	41
Caraga	80,762	80,720	42	79,756	79,707	49	80,159	80,099	60
Agusan del Norte	14,389	14,350	39	14,418	14,370	48	14,459	14,400	59
Agusan del Sur	29,878	29,875	3	29,881	29,880	1	30,321	30,320	1
Surigao del Norte	17,037	17,037	0	17,050	17,050	0	17,059	17,059	0
Surigao del Sur	17,925	17,925	0	16,895	16,895	0	16,820	16,820	0
Dinagat Islands	1,533	1,533	0	1,512	1,512	0	1,500	1,500	0
ARMM	147,038	147,028	10	128,798	128,785	13	125,769	125,752	17
Basilan	20,890	20,880	10	22,340	22,327	13	23,571	23,554	17
Lanao del Sur	23,578	23,578	0	21,477	21,477	0	18,470	18,470	0
Maguindanao	101,470	101,470	0	83,772	83,772	0	82,421	82,421	0
Sulu	891	891	0	936	936	0	957	957	0
Tawi-tawi	209	209	0	273	273	0	350	350	0

	2006			2007			2008		
	Total	**Backyard**	**Commer-cial**	**Total**	**Backyard**	**Commer-cial**	**Total**	**Backyard**	**Commer-cial**
Cattle									
Philippines	2,519,740	2,356,985	162,755	2,565,849	2,408,185	157,664	2,566,492	2,408,733	157,759
NCR	0	0	0	0	0	0	0	0	0
CAR	60,280	51,042	9,238	57,370	49,093	8,277	55,472	47,154	8,318
Abra	16,927	16,568	359	16,994	16,628	366	17,260	16,896	364
Apayao	1,916	1,916	0	1,900	1,900	0	2,451	2,178	273
Benguet	10,514	10,284	230	11,391	11,190	201	11,736	11,619	117
Ifugao	9,965	3,134	6,831	10,039	3,795	6,244	11,395	5,226	6,169
Kalinga	1,960	800	1,160	1,946	960	986	2,390	1,445	945
Mountain Province	18,998	18,340	658	15,100	14,620	480	10,240	9,790	450
Ilocos Region	354,880	350,749	4,131	352,344	348,252	4,092	347,710	343,873	3,837
Ilocos Norte	88,200	85,920	2,280	83,928	81,620	2,308	78,612	76,499	2,113
Ilocos Sur	49,390	48,994	396	50,880	50,528	352	51,380	51,061	319
La Union	30,122	30,027	95	30,335	30,252	83	30,221	30,145	76
Pangasinan	187,168	185,808	1,360	187,201	185,852	1,349	187,497	186,168	1,329
Cagayan Valley	184,820	172,988	11,832	191,674	179,366	12,308	190,852	178,393	12,459
Batanes	0	..	..	0	..	..	0	..	..
Cagayan	31,790	29,122	2,668	34,324	31,630	2,694	34,034	31,160	2,874
Isabela	111,633	106,850	4,783	115,378	110,367	5,011	117,195	112,536	4,659
Nueva Vizcaya	28,362	24,506	3,856	28,337	24,292	4,045	24,013	19,792	4,221
Quirino	13,035	12,510	525	13,635	13,077	558	15,610	14,905	705
Central Luzon	163,646	135,748	27,898	171,040	145,857	25,183	171,243	146,251	24,992
Aurora	6,289	6,011	278	6,766	6,501	265	7,640	7,321	319
Bataan	6,700	5,198	1,502	7,473	5,906	1,567	10,159	8,501	1,658
Bulacan	12,091	11,872	219	13,369	13,192	177	6,807	6,615	192
Nueva Ecija	34,559	20,023	14,536	35,038	22,400	12,638	33,580	21,630	11,950
Pampanga	6,696	5,504	1,192	6,994	6,099	895	7,763	6,981	782
Tarlac	63,693	57,378	6,315	65,929	60,216	5,713	65,472	59,530	5,942
Zambales	33,618	29,762	3,856	35,471	31,543	3,928	39,822	35,673	4,149
CALABARZON	237,017	229,702	7,315	241,222	236,897	4,325	250,500	245,820	4,680
Batangas	125,373	123,156	2,217	126,367	125,086	1,281	128,487	127,087	1,400
Cavite	30,367	29,171	1,196	29,782	28,924	858	31,009	30,147	862
Laguna	26,496	25,744	752	28,817	28,330	487	33,201	32,746	455
Quezon	50,850	49,500	1,350	52,350	51,940	410	54,050	53,630	420
Rizal	3,931	2,131	1,800	3,906	2,617	1,289	3,753	2,210	1,543
MIMAROPA	111,314	102,083	9,231	106,428	97,051	9,377	102,422	92,587	9,835
Marinduque	14,928	13,875	1,053	13,777	12,785	992	11,027	10,056	971
Occidental Mindoro	19,489	16,687	2,802	19,922	17,089	2,833	19,954	16,793	3,161
Oriental Mindoro	29,360	27,813	1,547	29,365	27,692	1,673	31,556	29,719	1,837
Palawan	22,054	21,210	844	19,682	18,840	842	17,754	16,915	839
Romblon	25,483	22,498	2,985	23,682	20,645	3,037	22,131	19,104	3,027
Bicol Region	83,893	52,283	31,610	79,279	47,901	31,378	72,261	43,396	28,865
Albay	8,754	8,565	189	6,824	6,642	182	4,829	4,633	196
Camarines Norte	6,864	6,711	153	6,092	5,938	154	5,625	5,460	165
Camarines Sur	12,007	11,358	649	10,764	10,165	599	10,199	9,506	693
Catanduanes	2,736	2,563	173	2,654	2,472	182	2,767	2,539	228
Masbate	38,278	8,300	29,978	37,950	8,125	29,825	34,674	7,529	27,145
Sorsogon	15,254	14,786	468	14,995	14,559	436	14,167	13,729	438
Western Visayas	171,174	169,422	1,752	198,123	196,540	1,583	203,858	202,210	1,648
Aklan	29,760	29,760	0	32,460	32,460	0	32,455	32,455	0
Antique	36,455	36,455	0	37,230	37,230	0	37,290	37,290	0
Capiz	12,926	12,617	309	14,519	14,354	165	16,770	16,604	166
Guimaras	15,124	14,961	163	15,261	15,086	175	15,552	15,301	251
Iloilo	47,678	47,485	193	68,762	68,570	192	71,611	71,430	181
Negros Occidental	29,231	28,144	1,087	29,891	28,840	1,051	30,180	29,130	1,050
Central Visayas	261,699	259,352	2,347	266,996	264,488	2,508	270,879	268,523	2,356
Bohol	70,723	70,126	597	69,451	68,696	755	69,715	68,928	787
Cebu	108,237	107,747	490	112,550	112,036	514	115,320	114,708	612
Negros Oriental	63,546	62,286	1,260	64,924	63,685	1,239	64,872	63,915	957
Siquijor	19,193	19,193	0	20,071	20,071	0	20,972	20,972	0
Eastern Visayas	24,505	18,429	6,076	23,162	17,056	6,106	20,353	14,685	5,668
Biliran	1,467	1,447	20	1,317	1,300	17	1,031	1,014	17
Eastern Samar	4,663	4,641	22	5,350	5,323	27	5,167	5,136	31
Leyte	12,457	6,502	5,955	11,461	5,487	5,974	9,064	3,518	5,546
Northern Samar	1,578	1,578	0	1,307	1,307	0	1,342	1,342	0
Samar (Western Samar)	494	415	79	528	440	88	549	475	74
Southern Leyte	3,846	3,846	0	3,199	3,199	0	3,200	3,200	0
Zamboanga Peninsula	171,479	170,783	696	169,556	169,066	490	155,324	154,830	494
Zamboanga del Norte	46,020	45,891	129	59,738	59,601	137	55,779	55,554	225
Zamboanga del Sur	81,057	80,947	110	68,339	68,215	124	59,268	59,118	150
Zamboanga Sibugay	30,323	30,178	145	28,757	28,757	0	28,629	28,629	0
Zamboanga City	14,079	13,767	312	12,722	12,493	229	11,648	11,529	119
Northern Mindanao	271,171	252,979	18,192	263,783	247,616	16,167	267,835	251,846	15,989
Bukidnon	100,080	83,918	16,162	94,447	80,245	14,202	87,775	74,809	12,966
Camiguin	7,435	7,386	49	7,447	7,405	42	7,492	7,450	42
Lanao del Norte	32,414	32,134	280	32,781	32,442	339	36,994	35,790	1,204
Misamis Occidental	51,176	51,176	0	51,029	51,029	0	51,830	51,830	0
Misamis Oriental	80,066	78,365	1,701	78,079	76,495	1,584	83,744	81,967	1,777
Davao Region	131,722	125,832	5,890	136,051	130,290	5,761	139,474	133,234	6,240
Compostela Valley	6,274	6,250	24	6,195	6,166	29	6,341	6,310	31
Davao del Norte	11,813	10,426	1,387	11,534	10,208	1,326	10,940	9,710	1,230
Davao del Sur	51,335	50,144	1,191	52,813	51,586	1,227	53,638	52,440	1,198
Davao Oriental	21,199	19,312	1,887	22,856	20,836	2,020	22,129	20,292	1,837
Davao City	41,101	39,700	1,401	42,653	41,494	1,159	46,426	44,482	1,944
SOCCSKSARGEN	180,199	154,571	25,628	192,024	162,903	29,121	198,036	167,425	30,611
North Cotabato	50,867	49,857	1,010	56,897	55,905	992	58,348	57,059	1,289
Sarangani	11,056	8,892	2,164	11,505	9,144	2,361	11,566	9,382	2,184
South Cotabato	81,552	60,702	20,850	85,512	61,424	24,088	88,122	62,884	25,238
Sultan Kudarat	36,724	35,120	1,604	38,110	36,430	1,680	40,000	38,100	1,900
Caraga	13,969	13,280	689	14,513	13,745	768	15,677	15,001	676
Agusan del Norte	7,369	7,015	354	7,341	7,045	296	7,471	7,184	287
Agusan del Sur	3,099	2,869	230	3,410	3,072	338	4,220	3,910	310
Surigao del Norte	1,960	1,960	0	2,078	2,078	0	2,193	2,193	0
Surigao del Sur	1,541	1,436	105	1,684	1,550	134	1,793	1,714	79
Dinagat Islands	0	..	..	0	..	..	0	..	..
ARMM	97,972	97,742	230	102,284	102,064	220	104,596	103,505	1,091
Basilan	3,676	3,515	161	3,685	3,530	155	5,554	5,410	144
Lanao del Sur	37,246	37,246	0	42,194	42,194	0	44,962	44,052	910
Maguindanao	40,898	40,829	69	41,763	41,698	65	41,937	41,900	37
Sulu	13,580	13,580	0	12,150	12,150	0	9,745	9,745	0
Tawi-tawi	2,572	2,572	0	2,492	2,492	0	2,398	2,398	0

Continued

Table 2.10.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2006 to 2015
(In heads)

	2009			2010			2011		
	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
Cattle									
Philippines	2,586,386	2,421,725	164,661	2,570,879	2,403,296	167,583	2,518,407	2,343,975	174,432
NCR	0	0	0	0	0	0	0	0	0
CAR	53,469	45,673	7,796	53,483	45,778	7,705	57,235	49,932	7,303
Abra	17,217	16,812	405	18,758	18,328	430	18,430	17,970	460
Apayao	2,140	2,033	107	2,025	1,904	121	2,083	1,983	100
Benguet	10,625	10,546	79	8,674	8,615	59	8,844	8,804	40
Ifugao	11,999	6,067	5,932	11,948	6,260	5,688	10,918	6,355	4,563
Kalinga	1,965	1,043	922	2,573	1,498	1,075	7,814	6,411	1,403
Mountain Province	9,523	9,172	351	9,505	9,173	332	9,146	8,409	737
Ilocos Region	347.950	343.972	3.978	317.073	313.269	3.804	291.442	287.559	3.883
Ilocos Norte	72,927	70,982	1,945	68,364	66,674	1,690	66,910	65,890	1,020
Ilocos Sur	55,597	54,771	826	56,931	55,875	1,056	54,999	53,508	1,491
La Union	32,944	32,899	45	33,065	33,000	65	30,838	30,800	38
Pangasinan	186.482	185.320	1.162	158.713	157.720	993	138.695	137.361	1.334
Cagayan Valley	192,404	179,448	12,956	197,541	180,111	17,430	191,660	166,343	25,317
Batanes	0	..	..	0	..	..	0	..	..
Cagayan	37,096	34,287	2,809	40,619	34,160	6,459	36,872	28,742	8,130
Isabela	117.450	112.189	5.261	118.052	112.092	5.960	116.309	104.346	11.963
Nueva Vizcaya	22,119	17,850	4,269	22,452	17,930	4,522	22,829	18,156	4,673
Quirino	15,739	15,122	617	16,418	15,929	489	15,650	15,099	551
Central Luzon	172,243	149,909	22,334	173,144	153,260	19,884	171,313	151,571	19,742
Aurora	7,716	7,463	253	7,468	7,370	98	7,420	7,336	84
Bataan	10,421	8,749	1,672	10,911	9,198	1,713	13,575	11,923	1,652
Bulacan	8,054	7,900	154	6,197	6,106	91	15,937	14,292	1,645
Nueva Ecija	32,500	22,350	10,150	32,895	23,640	9,255	32,048	23,980	8,068
Pampanga	7,712	7,019	693	7,364	6,752	612	6,839	6,208	631
Tarlac	67,532	62,218	5,314	70,776	65,928	4,848	62,572	58,192	4,380
Zambales	38,308	34,210	4,098	37,533	34,266	3,267	32,922	29,640	3,282
CALABARZON	254,749	249,842	4,907	255,253	249,864	5,389	250,927	243,438	7,489
Batangas	130,161	128,696	1,465	130,325	128,750	1,575	127,384	125,798	1,586
Cavite	29,685	28,755	930	29,276	28,230	1,046	26,494	25,294	1,200
Laguna	36,606	36,343	263	36,836	36,580	256	39,850	37,530	2,320
Quezon	54,306	53,820	486	54,600	54,000	600	52,747	52,100	647
Rizal	3,991	2,228	1,763	4,216	2,304	1,912	4,452	2,716	1,736
MIMAROPA	94,488	84,421	10,067	87,144	77,273	9,871	90,267	78,762	11,505
Marinduque	7,503	6,432	1,071	2,946	2,102	844	2,638	2,110	528
Occidental Mindoro	18,001	14,802	3,199	16,294	12,978	3,316	16,745	12,674	4,071
Oriental Mindoro	30.627	28.783	1.844	30.221	28.416	1.805	30.165	28.516	1.649
Palawan	17,120	16,271	849	17,353	16,482	871	22,038	19,780	2,258
Romblon	21,237	18,133	3,104	20,330	17,295	3,035	18,681	15,682	2,999
Bicol Region	69,200	42,568	26,632	68,759	42,110	26,649	73,779	42,285	31,494
Albay	4.061	3.867	194	3.416	3.227	189	3.251	2.964	287
Camarines Norte	5,808	5,636	172	5,999	5,829	170	5,801	5,720	81
Camarines Sur	10,283	9,580	703	10,068	9,358	710	12,275	11,557	718
Catanduanes	3,330	3,078	252	3,645	3,465	180	2,981	2,819	162
Masbate	32,021	7,057	24,964	31,474	6,501	24,973	37,270	7,495	29,775
Sorsogon	13,697	13,350	347	14,157	13,730	427	12,201	11,730	471
Western Visayas	212,634	210,965	1,669	225,383	221,318	4,065	243,334	239,730	3,604
Aklan	31,900	31,900	0	32,283	32,208	75	28,793	28,724	69
Antique	36,258	36,258	0	39,970	38,197	1,773	48,677	47,012	1,665
Capiz	19,419	19,244	175	21,735	21,561	174	21,846	21,740	106
Guimaras	15,913	15,636	277	16,570	16,360	210	15,890	15,692	198
Iloilo	77,324	77,134	190	80,550	79,761	789	79,449	78,793	656
Negros Occidental	31.820	30.793	1.027	34.275	33.231	1.044	48.679	47.769	910
Central Visayas	269,306	267,054	2,252	275,207	273,439	1,768	273,311	270,470	2,841
Bohol	69,861	69,081	780	70,896	70,225	671	72,785	71,714	1,071
Cebu	113,946	113,456	490	117,220	116,870	350	112,826	112,116	710
Negros Oriental	64.517	63.535	982	65.546	64.799	747	66.687	65.627	1.060
Siquijor	20,982	20,982	0	21,545	21,545	0	21,013	21,013	0
Eastern Visayas	17,799	12,929	4,870	15,349	11,302	4,047	14,671	12,249	2,422
Biliran	937	915	22	1,020	1,020	0	1,310	1,271	39
Eastern Samar	4,985	4,950	35	4,501	4,471	30	3,970	3,950	20
Leyte	6,718	1,992	4,726	5,179	1,209	3,970	3,439	1,340	2,099
Northern Samar	2,046	2,014	32	1,918	1,918	0	2,573	2,573	0
Samar (Western Samar)	595	540	55	637	590	47	805	753	52
Southern Leyte	2.518	2.518	0	2.094	2.094	0	2.574	2.362	212
Zamboanga Peninsula	160,970	160,577	393	155,994	155,633	361	140,079	139,393	686
Zamboanga del Norte	68,815	68,675	140	67,391	67,255	136	57,389	57,308	81
Zamboanga del Sur	53,823	53,758	65	50,897	50,855	42	50,150	49,830	320
Zamboanga Sibugay	27,462	27,462	0	27,615	27,615	0	22,105	22,105	0
Zamboanga City	10,870	10,682	188	10,091	9,908	183	10,435	10,150	285
Northern Mindanao	277,784	248,628	29,156	281,442	252,360	29,082	278,426	252,650	25,776
Bukidnon	98,424	72,365	26,059	98,500	73,000	25,500	97,891	76,066	21,825
Camiguin	7,460	7,460	0	7,350	7,350	0	6,965	6,965	0
Lanao del Norte	37,689	36,344	1,345	36,680	34,980	1,700	38,187	36,360	1,827
Misamis Occidental	51,953	51,953	0	52,500	52,500	0	49,200	49,200	0
Misamis Oriental	82,258	80,506	1,752	86,412	84,530	1,882	86,183	84,059	2,124
Davao Region	138,179	132,154	6,025	140,144	134,601	5,543	138,175	132,858	5,317
Compostela Valley	6,410	6,379	31	6,466	6,436	30	6,820	6,782	38
Davao del Norte	11,078	9,829	1,249	10,886	9,785	1,101	11,819	10,680	1,139
Davao del Sur	49,315	48,133	1,182	53,440	52,249	1,191	53,345	52,298	1,047
Davao Oriental	25.375	23.497	1.878	25.016	23.160	1.856	24.875	23.151	1.724
Davao City	46,001	44,316	1,685	44,336	42,971	1,365	41,316	39,947	1,369
SOCCSKSARGEN	199,045	169,113	29,932	203,105	172,832	30,273	195,727	170,664	25,063
North Cotabato	60,543	59,418	1,125	62,910	61,863	1,047	65,931	64,547	1,384
Sarangani	11.720	9.560	2.160	11.370	9.480	1.890	11.565	9.190	2.375
South Cotabato	85,398	60,851	24,547	85,625	60,661	24,964	78,307	57,947	20,360
Sultan Kudarat	41,384	39,284	2,100	43,200	40,828	2,372	39,924	38,980	944
Caraga	16,522	15,875	647	18,097	17,421	676	18,828	18,020	808
Agusan del Norte	7.593	7.295	298	8.026	7.686	340	8.644	8.180	464
Agusan del Sur	4,556	4,280	276	5,217	4,950	267	4,934	4,620	314
Surigao del Norte	2,400	2,400	0	2,328	2,328	0	2,316	2,300	16
Surigao del Sur	1,973	1,900	73	2,279	2,210	69	2,682	2,668	14
Dinagat Islands	0	..	..	247	247	..	252	252	..
ARMM	109,644	108,597	1,047	103,761	102,725	1,036	89,233	88,051	1,182
Basilan	13,675	13,530	145	14,949	14,806	143	14,174	14,084	90
Lanao del Sur	44,954	44,052	902	40,982	40,089	893	28,078	26,986	1,092
Maguindanao	37,989	37,989	0	34,963	34,963	0	29,116	29,116	0
Sulu	10,367	10,367	0	10,542	10,542	0	15,682	15,682	0
Tawi-tawi	2,659	2,659	0	2,325	2,325	0	2,183	2,183	0

2012			2013			2014			2015		
Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
2,493,157	2,321,655	171,502	2,497,908	2,323,361	174,547	2,512,184	2,341,837	170,347	2,534,243	2,367,997	166,246
0	0	0	0	..	..	0	..	..	0	..	..
57,574	49,056	8,518	57,078	49,386	7,692	58,041	50,365	7,676	59,856	52,157	7,699
18,894	18,479	415	19,108	18,751	357	20,197	19,837	360	20,911	20,574	337
2,409	2,294	115	2,385	2,339	46	2,574	2,541	33	2,922	2,884	38
7,460	7,420	40	6,885	6,856	29	6,548	6,510	38	6,370	6,340	30
10,936	6,371	4,565	10,847	6,405	4,442	10,849	6,267	4,582	11,822	6,850	4,972
8,777	6,187	2,590	8,785	6,767	2,018	8,690	6,817	1,873	9,022	7,251	1,771
9,098	8,305	793	9,068	8,268	800	9,183	8,393	790	8,809	8,258	551
286.449	282.977	3.472	292.545	289.327	3.218	291.347	287.964	3.383	297.743	294.704	3.039
66,600	65,850	750	71,016	70,520	496	70,466	69,825	641	71,598	70,928	670
54,455	53,115	1,340	54,821	53,443	1,378	55,507	54,060	1,447	56,223	55,043	1,180
30,971	30,939	32	32,220	32,200	20	32,094	32,079	15	32,684	32,663	21
134.423	133.073	1.350	134.488	133.164	1.324	133.280	132.000	1.280	137.238	136.070	1.168
182,196	155,731	26,465	177,152	150,207	26,945	180,865	154,846	26,019	182,125	155,929	26,196
0	..	..	0	..	..	5,860	4,745	1,115	6,342	5,042	1,300
33,426	25,335	8,091	31,400	23,171	8,229	29,342	22,789	6,553	28,630	22,850	5,780
111,874	98,851	13,023	109,912	96,014	13,898	109,514	96,040	13,474	111,806	98,013	13,793
22,060	17,327	4,733	21,862	17,742	4,120	22,173	17,952	4,221	21,797	16,999	4,798
14,836	14,218	618	13,978	13,280	698	13,976	13,320	656	13,550	13,025	525
171,821	152,336	19,485	175,870	155,858	20,012	179,655	159,666	19,989	186,441	166,233	20,208
7,205	7,068	137	7,353	7,194	159	7,703	7,571	132	9,213	9,099	114
15,876	14,267	1,609	18,705	17,178	1,527	19,906	18,458	1,448	20,924	19,466	1,458
15,357	13,330	2,027	15,829	13,344	2,485	16,255	13,586	2,669	16,160	13,500	2,660
32,160	24,370	7,790	31,935	24,350	7,585	31,464	24,084	7,380	31,837	24,297	7,540
6,589	5,931	658	6,622	5,937	685	6,653	5,943	710	6,683	5,875	808
62,060	58,086	3,974	63,331	58,770	4,561	66,028	61,366	4,662	70,515	65,771	4,744
32,574	29,284	3,290	32,095	29,085	3,010	31,646	28,658	2,988	31,109	28,225	2,884
251,744	244,416	7,328	253,376	245,993	7,383	259,110	251,251	7,859	264,175	254,901	9,274
127,414	125,812	1,602	127,765	126,290	1,475	131,122	129,502	1,620	133,150	130,150	3,000
25,912	24,544	1,368	26,021	24,584	1,437	26,130	24,624	1,506	26,050	24,550	1,500
39,874	37,601	2,273	40,316	38,032	2,284	40,885	38,525	2,360	41,559	39,296	2,263
53,550	52,900	650	53,706	53,000	706	54,673	53,800	873	56,161	55,198	963
4,994	3,559	1,435	5,568	4,087	1,481	6,300	4,800	1,500	7,255	5,707	1,548
91,265	79,779	11,486	92,819	80,592	12,227	93,307	81,903	11,404	92,690	82,152	10,538
2,378	2,131	247	2,525	2,289	236	2,930	2,685	245	3,273	3,066	207
17,784	13,482	4,302	18,241	13,252	4,989	17,797	13,158	4,639	17,033	12,741	4,292
30,087	28,412	1,675	30,371	28,652	1,719	31,253	29,496	1,757	30,915	29,178	1,737
22,348	20,186	2,162	22,816	20,743	2,073	22,779	20,749	2,030	23,188	21,206	1,982
18,668	15,568	3,100	18,866	15,656	3,210	18,548	15,815	2,733	18,281	15,961	2,320
81,233	48,900	32,333	91,254	58,509	32,745	96,300	63,203	33,097	102,659	70,188	32,471
3,612	3,272	340	4,201	3,872	329	4,939	4,549	390	5,916	5,515	401
5,726	5,650	76	5,745	5,683	62	6,050	5,990	60	6,175	6,111	64
16,280	15,500	780	21,192	20,436	756	22,133	21,391	742	25,385	24,891	494
1,375	1,273	102	1,386	1,298	88	1,362	1,292	70	1,401	1,320	81
40,030	9,523	30,507	42,932	11,952	30,980	45,021	13,716	31,305	48,032	17,049	30,983
14,210	13,682	528	15,798	15,268	530	16,795	16,265	530	15,750	15,302	448
253,458	249,672	3,786	254,573	250,759	3,814	254,131	250,154	3,977	250,603	246,418	4,185
28,288	28,127	161	27,980	27,773	207	28,061	27,877	184	26,808	26,635	173
56,487	54,613	1,874	58,384	56,558	1,826	57,831	56,119	1,712	58,648	56,744	1,904
23,851	23,754	97	24,472	24,375	97	24,727	24,634	93	24,544	24,470	74
15,307	15,168	139	15,905	15,748	157	17,009	16,869	140	17,499	17,347	152
79,992	79,395	597	78,196	77,593	603	76,365	75,790	575	73,615	73,070	545
49.533	48.615	918	49.636	48.712	924	50.138	48.865	1.273	49.489	48.152	1.337
273,562	270,175	3,387	272,307	269,034	3,273	274,280	271,244	3,036	273,132	270,125	3,007
73,214	71,924	1,290	73,846	72,657	1,189	75,693	74,527	1,166	74,249	73,138	1,111
113,736	112,980	756	113,013	112,264	749	113,106	112,525	581	113,360	112,648	712
66,601	65,260	1,341	65,512	64,177	1,335	66,007	64,718	1,289	66,369	65,185	1,184
20,011	20,011	0	19,936	19,936	0	19,474	19,474	0	19,154	19,154	0
20,843	17,929	2,914	22,600	18,991	3,609	22,225	18,538	3,687	20,765	18,144	2,621
1,590	1,554	36	1,689	1,650	39	1,541	1,501	40	1,547	1,508	39
2,920	2,900	20	2,672	2,652	20	2,119	2,105	14	1,769	1,746	23
9,284	6,715	2,569	10,902	7,607	3,295	10,817	7,564	3,253	9,617	7,394	2,223
2,966	2,926	40	3,196	3,148	48	3,413	3,270	143	3,509	3,359	150
804	752	52	787	740	47	753	702	51	767	709	58
3.279	3.082	197	3.354	3.194	160	3.582	3.396	186	3.556	3.428	128
129,675	128,853	822	119,785	118,995	790	117,938	117,138	800	115,601	114,860	741
53,060	52,884	176	50,143	50,017	126	51,829	51,724	105	52,851	52,747	104
45,324	45,130	194	39,195	38,930	265	35,562	35,283	279	32,088	31,891	197
20,615	20,615	0	19,790	19,790	0	19,750	19,750	0	19,679	19,679	0
10,676	10,224	452	10,657	10,258	399	10,797	10,381	416	10,983	10,543	440
272,711	249,745	22,966	271,700	248,152	23,548	269,687	247,985	21,702	267,646	248,554	19,092
97,400	77,900	19,500	96,450	76,850	19,600	94,750	76,500	18,250	94,950	78,500	16,450
7,030	7,030	0	6,770	6,770	0	6,883	6,855	28	7,340	7,298	42
40,240	38,700	1,540	43,378	41,200	2,178	44,567	43,150	1,417	45,990	45,220	770
44,290	44,290	0	42,832	42,832	0	40,630	40,630	0	37,841	37,841	0
83,751	81,825	1,926	82,270	80,500	1,770	82,857	80,850	2,007	81,525	79,695	1,830
136,540	131,558	4,982	134,455	129,646	4,809	135,654	131,553	4,101	136,701	132,496	4,205
7,103	7,061	42	7,260	7,017	243	7,539	7,266	273	7,881	7,542	339
14,336	13,130	1,206	14,402	13,400	1,002	14,097	13,340	757	14,012	13,300	712
50,303	49,343	960	49,234	48,074	1,160	51,262	50,071	1,191	52,417	51,100	1,317
25.745	23.920	1.825	25.979	24.672	1.307	26.884	25.631	1.253	26.974	25.820	1.154
39,053	38,104	949	37,580	36,483	1,097	35,872	35,245	627	35,417	34,734	683
192,356	171,085	21,271	192,808	170,449	22,359	194,345	172,742	21,603	196,413	175,412	21,001
69,546	68,309	1,237	71,235	69,991	1,244	72,746	71,559	1,187	75,957	74,811	1,146
11.120	8.850	2.270	11.092	8.900	2.192	10.690	9.100	1.590	10.529	9.000	1.529
75,206	57,796	17,410	74,614	55,946	18,668	74,931	56,283	18,648	73,285	55,129	18,156
36,484	36,130	354	35,867	35,612	255	35,978	35,800	178	36,642	36,472	170
19,034	18,319	715	20,312	19,609	703	20,159	19,543	616	19,621	19,071	550
8.426	8.020	406	9.283	8.882	401	9.080	8.734	346	8.756	8.430	326
4,959	4,685	274	5,294	5,025	269	5,359	5,100	259	5,297	5,099	198
2,369	2,354	15	2,465	2,450	15	2,471	2,460	11	2,384	2,369	15
3,030	3,010	20	3,018	3,000	18	2,994	2,994	0	2,938	2,927	11
250	250	0	252	252	0	255	255	0	246	246	0
72,696	71,124	1,572	69,274	67,854	1,420	65,140	63,742	1,398	68,072	66,653	1,419
14,567	14,520	47	15,706	15,660	46	17,054	17,011	43	19,552	19,552	0
19,914	19,214	700	18,525	18,000	525	15,694	15,200	494	16,397	15,932	465
20,115	20,013	102	15,776	15,632	144	10,985	10,862	123	8,936	8,804	132
15,400	15,400	0	16,373	16,373	0	18,400	18,400	0	20,000	20,000	0
2,700	1,977	723	2,894	2,189	705	3,007	2,269	738	3,187	2,365	822

Continued

Table 2.10.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2006 to 2015
(In heads)

	2006			2007			2008		
	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
Goat									
Philippines	3,735,816	3,708,014	27,802	4,048,550	4,015,979	32,571	4,174,251	4,135,744	38,507
NCR	0	..	..	0	..	..	0	..	..
CAR	63,728	63,681	47	61,422	61,346	76	60,980	60,908	72
Abra	46,654	46,654	0	44,337	44,337	0	44,523	44,523	0
Apayao	2,108	2,108	0	3,151	3,151	0	2,722	2,722	0
Benguet	6,545	6,545	0	4,816	4,816	0	3,977	3,977	0
Ifugao	4,122	4,104	18	4,985	4,928	57	5,181	5,109	72
Kalinga	3,499	3,470	29	3,288	3,269	19	3,927	3,927	0
Mountain Province	800	800	0	845	845	0	650	650	0
Ilocos Region	491,435	490,242	1,193	508,341	505,683	2,658	539,101	536,380	2,721
Ilocos Norte	79,705	78,960	745	77,746	77,490	256	73,855	73,616	239
Ilocos Sur	76,701	76,455	246	87,173	86,959	214	96,225	96,020	205
La Union	56,874	56,821	53	63,405	63,346	59	73,013	72,934	79
Pangasinan	278,155	278,006	149	280,017	277,888	2,129	296,008	293,810	2,198
Cagayan Valley	157,160	154,887	2,273	163,786	160,983	2,803	133,335	130,263	3,072
Batanes	0	..	..	0	..	..	0	..	..
Cagayan	50,664	50,374	290	54,149	53,788	361	46,988	46,585	403
Isabela	37,360	35,720	1,640	38,060	36,540	1,520	41,387	39,911	1,476
Nueva Vizcaya	47,747	47,585	162	51,173	50,381	792	21,721	20,745	976
Quirino	21,389	21,208	181	20,404	20,274	130	23,239	23,022	217
Central Luzon	261,028	258,552	2,476	271,288	268,308	2,980	310,343	307,316	3,027
Aurora	17,653	17,595	58	17,234	17,179	55	18,093	17,992	101
Bataan	4,378	4,378	0	5,537	5,537	0	8,885	8,885	0
Bulacan	11,032	10,932	100	10,336	10,250	86	14,469	14,469	0
Nueva Ecija	76,856	75,200	1,656	79,433	77,257	2,176	81,050	78,900	2,150
Pampanga	9,353	9,174	179	9,066	8,893	173	8,427	8,263	164
Tarlac	89,875	89,512	363	96,669	96,359	310	114,855	114,493	362
Zambales	51,881	51,761	120	53,013	52,833	180	64,564	64,314	250
CALABARZON	150,616	149,227	1,389	194,532	191,663	2,869	214,211	210,585	3,626
Batangas	107,957	107,957	0	112,116	112,116	0	113,384	113,384	0
Cavite	15,700	14,450	1,250	15,782	14,528	1,254	15,968	14,682	1,286
Laguna	9,543	9,543	0	12,912	12,517	395	17,731	16,937	794
Quezon	15,998	15,998	0	52,020	50,970	1,050	65,074	63,800	1,274
Rizal	1,418	1,279	139	1,702	1,532	170	2,054	1,782	272
MIMAROPA	145,135	144,894	241	151,671	151,291	380	165,674	165,180	494
Marinduque	10,389	10,389	0	11,480	11,480	0	10,989	10,989	0
Occidental Mindoro	43,083	42,842	241	42,059	41,827	232	45,989	45,730	259
Oriental Mindoro	35,089	35,089	0	34,894	34,746	148	38,481	38,246	235
Palawan	32,152	32,152	0	38,452	38,452	0	45,936	45,936	0
Romblon	24,422	24,422	0	24,786	24,786	0	24,279	24,279	0
Bicol Region	106,017	105,602	415	112,068	111,609	459	114,639	114,047	592
Albay	19,948	19,948	0	18,131	18,131	0	16,675	16,675	0
Camarines Norte	6,315	6,315	0	6,520	6,520	0	6,930	6,930	0
Camarines Sur	30,520	30,300	220	34,619	34,353	266	36,428	36,069	359
Catanduanes	1,689	1,689	0	1,712	1,712	0	1,776	1,776	0
Masbate	43,176	43,030	146	46,573	46,405	168	47,589	47,397	192
Sorsogon	4,369	4,320	49	4,513	4,488	25	5,241	5,200	41
Western Visayas	551,894	547,431	4,463	581,954	577,351	4,603	609,481	604,458	5,023
Aklan	23,470	23,470	0	22,445	22,445	0	24,875	24,875	0
Antique	34,095	32,115	1,980	33,450	32,110	1,340	37,617	36,208	1,409
Capiz	43,050	43,050	0	49,861	49,839	22	46,429	46,397	32
Guimaras	28,526	28,479	47	35,064	35,005	59	38,820	38,762	58
Iloilo	240,249	239,617	632	240,472	239,820	652	249,850	249,166	684
Negros Occidental	182,504	180,700	1,804	200,662	198,132	2,530	211,890	209,050	2,840
Central Visayas	471,561	469,224	2,337	502,625	499,635	2,990	527,843	525,032	2,811
Bohol	54,413	54,328	85	60,274	60,163	111	65,623	65,445	178
Cebu	213,880	212,857	1,023	221,666	220,246	1,420	227,190	225,830	1,360
Negros Oriental	185,653	184,584	1,069	201,959	200,595	1,364	214,561	213,393	1,168
Siquijor	17,615	17,455	160	18,726	18,631	95	20,469	20,364	105
Eastern Visayas	97,674	94,448	3,226	150,772	148,164	2,608	128,110	125,207	2,903
Biliran	16,300	16,300	0	21,301	21,301	0	17,311	17,311	0
Eastern Samar	6,027	6,027	0	39,795	39,795	0	29,953	29,953	0
Leyte	49,142	48,393	749	59,965	59,212	753	53,070	52,299	771
Northern Samar	9,233	9,132	101	11,415	11,332	83	11,215	11,169	46
Samar (Western Samar)	7,326	7,278	48	7,731	7,681	50	6,237	6,206	31
Southern Leyte	9,646	7,318	2,328	10,565	8,843	1,722	10,324	8,269	2,055
Zamboanga Peninsula	149,629	148,592	1,037	178,644	177,564	1,080	175,863	175,773	90
Zamboanga del Norte	44,790	44,790	0	58,375	58,375	0	59,767	59,767	0
Zamboanga del Sur	69,194	68,179	1,015	82,122	81,110	1,012	83,341	83,341	0
Zamboanga Sibugay	21,560	21,560	0	25,298	25,298	0	21,523	21,523	0
Zamboanga City	14,085	14,063	22	12,849	12,781	68	11,232	11,142	90
Northern Mindanao	169,737	168,879	858	166,668	165,085	1,583	211,366	205,916	5,450
Bukidnon	40,992	40,742	250	43,485	43,003	482	59,478	55,946	3,532
Camiguin	1,170	1,170	0	1,374	1,218	156	1,814	1,652	162
Lanao del Norte	26,469	26,438	31	29,797	29,762	35	32,504	32,477	27
Misamis Occidental	52,129	52,079	50	45,244	45,244	0	56,444	56,444	0
Misamis Oriental	48,977	48,450	527	46,768	45,858	910	61,126	59,397	1,729
Davao Region	336,648	333,290	3,358	372,608	369,184	3,424	357,287	352,841	4,446
Compostela Valley	30,019	29,667	352	30,242	29,963	279	32,559	32,360	199
Davao del Norte	45,974	45,267	707	46,899	46,070	829	47,621	46,669	952
Davao del Sur	154,478	153,089	1,389	185,977	184,679	1,298	171,836	170,405	1,431
Davao Oriental	55,209	54,550	659	54,002	53,290	712	52,734	51,544	1,190
Davao City	50,968	50,717	251	55,488	55,182	306	52,537	51,863	674
SOCCSKSARGEN	266,723	262,983	3,740	294,733	291,547	3,186	287,554	284,294	3,260
North Cotabato	132,491	132,026	465	157,794	157,330	464	141,687	141,223	464
Sarangani	24,200	23,866	334	24,249	23,915	334	24,287	23,900	387
South Cotabato	35,839	33,878	1,961	35,642	34,344	1,298	39,280	37,971	1,309
Sultan Kudarat	74,193	73,213	980	77,048	75,958	1,090	82,300	81,200	1,100
Caraga	93,162	92,986	176	91,534	91,298	236	85,516	85,350	166
Agusan del Norte	39,966	39,900	66	38,921	38,850	71	32,734	32,670	64
Agusan del Sur	33,278	33,213	65	33,312	33,198	114	32,535	32,500	35
Surigao del Norte	5,983	5,973	10	5,761	5,750	11	5,888	5,880	8
Surigao del Sur	13,935	13,900	35	13,540	13,500	40	14,359	14,300	59
Dinagat Islands	0	..	..	0	..	..	0	..	..
ARMM	223,669	223,096	573	245,904	245,268	636	252,948	252,194	754
Basilan	19,482	19,482	0	24,392	24,392	0	23,678	23,678	0
Lanao del Sur	57,084	57,084	0	63,338	63,338	0	60,303	60,303	0
Maguindanao	117,203	116,970	233	118,918	118,778	140	122,284	122,284	0
Sulu	19,689	19,689	0	29,042	29,042	0	36,045	36,045	0
Tawi-tawi	10,211	9,871	340	10,214	9,718	496	10,638	9,884	754

2009			2010			2011			2012		
Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
4,222,234	4,178,607	43,627	4,177,721	4,131,415	46,306	3,881,503	3,817,848	63,655	3,715,228	3,645,909	69,319
0	..	..	0	..	..	0	..	..	0	..	..
62,478	62,405	73	64,659	64,584	75	67,008	66,946	62	72,696	72,595	101
43,851	43,851	0	45,117	45,117	0	45,506	45,506	0	47,673	47,673	0
2,957	2,957	0	2,785	2,785	0	3,305	3,305	0	3,976	3,976	0
4,288	4,288	0	4,034	4,034	0	4,840	4,840	0	7,855	7,855	0
6,173	6,100	73	6,903	6,828	75	7,305	7,243	62	7,074	7,006	68
4,434	4,434	0	5,129	5,129	0	5,199	5,199	0	5,137	5,104	33
775	775	0	691	691	0	853	853	0	981	981	0
527.761	524.453	3.308	494.057	489.318	4.739	420.639	414.119	6.520	420.445	413.961	6.484
62,925	62,680	245	65,353	64,514	839	65,757	64,637	1,120	67,544	66,576	968
96,975	96,630	345	100,623	99,360	1,263	75,876	73,469	2,407	74,468	72,032	2,436
70,505	70,294	211	60,504	60,254	250	60,489	60,330	159	59,489	59,310	179
297.356	294.849	2.507	267.577	265.190	2.387	218.517	215.683	2.834	218.944	216.043	2.901
137,453	135,204	2,249	130,485	127,731	2,754	115,290	110,700	4,590	111,467	106,309	5,158
0	..	..	0	..	..	0	..	..	0	..	..
49,291	48,820	471	47,389	46,341	1,048	42,602	40,404	2,198	41,853	39,253	2,600
45,111	43,692	1,419	44,697	43,350	1,347	40,742	39,116	1,626	41,073	39,241	1,832
22,239	22,041	198	20,732	20,560	172	17,586	17,000	586	16,999	16,449	550
20,812	20,651	161	17,667	17,480	187	14,360	14,180	180	11,542	11,366	176
321,286	318,345	2,941	349,823	345,458	4,365	322,942	311,348	11,594	281,623	268,541	13,082
18,307	18,228	79	17,389	17,383	6	13,140	13,140	0	9,753	9,607	146
12,170	12,170	0	17,277	17,277	0	21,265	20,480	785	22,840	22,029	811
16,156	16,156	0	22,587	21,027	1,560	29,114	27,325	1,789	30,891	28,333	2,558
82,600	80,500	2,100	79,780	77,770	2,010	76,488	71,088	5,400	70,063	65,968	4,095
8,079	7,928	151	8,613	8,471	142	15,091	14,898	193	20,813	20,575	238
120,011	119,672	339	143,530	143,144	386	135,861	132,854	3,007	105,205	100,455	4,750
63,963	63,691	272	60,647	60,386	261	31,983	31,563	420	22,058	21,574	484
222,857	219,108	3,749	231,167	226,836	4,331	221,326	216,953	4,373	227,826	224,092	3,734
117,236	117,236	0	120,836	120,836	0	118,353	117,526	827	118,746	118,501	245
16,260	14,930	1,330	16,483	15,136	1,347	15,987	15,121	866	15,632	15,106	526
18,074	17,221	853	18,872	17,320	1,552	16,963	15,350	1,613	20,708	18,842	1,866
68,925	67,700	1,225	72,330	71,200	1,130	66,568	65,800	768	67,710	66,900	810
2,362	2,021	341	2,646	2,344	302	3,455	3,156	299	5,030	4,743	287
168,396	167,903	493	173,682	173,132	550	169,119	168,617	502	173,231	169,623	3,608
9,078	9,078	0	5,308	5,308	0	5,361	5,361	0	5,160	5,160	0
50,703	50,457	246	54,154	53,856	298	50,392	50,147	245	49,523	48,856	667
37,694	37,447	247	37,535	37,283	252	35,565	35,308	257	33,995	33,740	255
48,334	48,334	0	52,935	52,935	0	57,644	57,644	0	65,295	62,795	2,500
22,587	22,587	0	23,750	23,750	0	20,157	20,157	0	19,258	19,072	186
121,573	121,006	567	129,797	129,040	757	113,953	113,084	869	116,905	115,556	1,349
18,380	18,380	0	23,887	23,887	0	15,692	15,692	0	16,145	15,938	207
7,314	7,314	0	7,347	7,347	0	7,450	7,450	0	6,648	6,600	48
39,595	39,285	310	39,713	39,247	466	38,000	37,513	487	40,714	40,216	498
1,897	1,897	0	1,972	1,972	0	1,063	1,063	0	1,500	1,500	0
48,642	48,430	212	51,634	51,404	230	47,114	46,776	338	46,648	46,157	491
5,745	5,700	45	5,244	5,183	61	4,634	4,590	44	5,250	5,145	105
606,039	600,721	5,318	604,618	599,933	4,685	575,299	571,126	4,173	552,358	548,385	3,973
20,287	20,287	0	16,818	16,765	53	15,214	15,160	54	14,647	14,597	50
38,090	36,828	1,262	33,497	33,477	20	27,416	27,310	106	25,108	24,990	118
48,029	47,988	41	48,145	48,104	41	45,525	45,473	52	47,865	47,768	97
40,654	40,595	59	48,999	48,893	106	44,398	44,266	132	45,101	44,982	119
251,501	250,818	683	250,182	249,192	990	230,581	229,640	941	207,811	206,459	1,352
207.478	204.205	3.273	206.977	203.502	3.475	212.165	209.277	2.888	211.826	209.589	2.237
533,949	530,907	3,042	550,889	548,645	2,244	537,096	530,994	6,102	504,890	497,924	6,966
62,214	61,982	232	69,091	68,897	194	71,245	70,718	527	70,454	69,976	478
225,275	223,600	1,675	238,802	237,551	1,251	232,898	229,871	3,027	231,151	227,514	3,637
225.009	223.985	1,024	220,971	220,217	754	212,929	210,484	2,445	183,139	180,376	2.763
21,451	21,340	111	22,025	21,980	45	20,024	19,921	103	20,146	20,058	88
118,281	115,417	2,864	109,784	106,678	3,106	97,946	95,168	2,778	68,012	66,712	1,300
17,015	17,015	0	16,200	16,200	0	15,643	15,585	58	13,999	13,945	54
21,535	21,535	0	16,699	16,699	0	16,000	16,000	0	7,970	7,970	0
48,869	48,081	788	45,223	44,423	800	38,398	37,817	581	28,785	28,258	527
14,817	14,769	48	14,285	14,285	0	12,020	12,020	0	7,728	7,728	0
6,135	6,100	35	6,844	6,826	18	5,976	5,952	24	2,843	2,831	12
9.910	7.917	1,993	10.533	8.245	2,288	9.909	7.794	2,115	6.687	5.980	707
160,460	160,395	65	118,869	118,695	174	116,896	116,339	557	114,915	114,168	747
49,260	49,260	0	33,654	33,654	0	37,905	37,905	0	42,773	42,749	24
79,385	79,385	0	52,670	52,670	0	45,105	44,847	258	38,062	37,800	262
21,570	21,570	0	22,219	22,219	0	21,789	21,789	0	21,887	21,619	268
10,245	10,180	65	10,326	10,152	174	12,097	11,798	299	12,193	12,000	193
239,847	229,364	10,483	241,955	231,385	10,570	234,029	224,337	9,692	241,776	231,037	10,739
68,381	61,094	7,287	66,700	60,500	6,200	65,350	60,350	5,000	70,950	66,200	4,750
2,836	2,610	226	2,681	2,500	181	3,755	3,464	291	4,993	4,675	318
42,572	42,312	260	46,905	45,305	1,600	46,924	45,450	1,474	48,289	46,900	1,389
55,140	55,140	0	49,650	49,650	0	44,771	44,600	171	42,838	42,712	126
70,918	68,208	2,710	76,019	73,430	2,589	73,229	70,473	2,756	74,706	70,550	4,156
374,783	370,760	4,023	391,559	387,570	3,989	372,669	368,279	4,390	375,045	370,775	4,270
33,697	33,439	258	35,113	34,883	230	33,271	32,837	434	32,019	31,730	289
49,278	48,405	873	45,943	45,165	778	48,014	47,120	894	47,495	46,850	645
181,653	180,222	1,431	188,668	187,545	1,123	178,367	177,415	952	181,056	180,169	887
58,818	58,049	769	68,784	67,708	1,076	64,254	62,924	1,330	66,614	65,160	1,454
51,337	50,645	692	53,051	52,269	782	48,763	47,983	780	47,861	46,866	995
293,958	289,729	4,229	256,718	252,995	3,723	247,821	240,916	6,905	243,055	235,997	7,058
147,207	145,754	1,453	118,463	117,483	980	122,463	118,553	3,910	117,648	113,634	4,014
23,265	22,910	355	23,290	23,020	270	24,353	23,100	1,253	24,149	22,900	1,249
41,797	40,516	1,281	44,023	42,709	1,314	42,607	41,115	1,492	42,920	41,425	1,495
81,689	80,549	1,140	70,942	69,783	1,159	58,398	58,148	250	58,338	58,038	300
71,490	71,267	223	61,143	60,899	244	56,673	56,125	548	51,179	50,626	553
25,053	24,941	112	16,473	16,396	77	12,741	12,610	131	10,695	10,527	168
29,069	29,016	53	27,435	27,330	105	26,200	25,862	338	23,544	23,297	247
6,000	6,000	0	4,328	4,328	0	4,601	4,601	0	3,793	3,793	0
11,368	11,310	58	11,057	10,995	62	11,210	11,131	79	11,160	11,022	138
0	..	..	1,850	1,850	..	1,921	1,921	..	1,987	1,987	0
261,623	261,623	0	268,516	268,516	0	212,797	212,797	0	159,805	159,608	197
26,090	26,090	0	26,682	26,682	0	28,156	28,156	0	27,970	27,970	0
62,061	62,061	0	75,204	75,204	0	61,311	61,311	0	59,879	59,879	0
117,538	117,538	0	108,772	108,772	0	71,516	71,516	0	25,100	25,024	76
42,949	42,949	0	40,662	40,662	0	33,400	33,400	0	28,390	28,390	0
12,985	12,985	0	17,196	17,196	0	18,414	18,414	0	18,466	18,345	121

Continued

Table 2.10.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2006 to 2015
(In heads)

	2013			2014			2015		
	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
Goat									
Philippines	3,694,025	3,629,408	64,617	3,695,627	3,635,033	60,594	3,674,186	3,613,645	60,541
NCR	0	..	..	0	..	..	0	..	..
CAR	73,546	73,406	140	71,852	71,715	137	70,615	70,538	77
Abra	45,512	45,512	0	42,456	42,456	0	39,376	39,376	0
Apayao	4,054	4,054	0	4,129	4,129	0	4,166	4,166	0
Benguet	9,141	9,141	0	10,472	10,472	0	11,150	11,150	0
Ifugao	7,586	7,473	113	6,996	6,893	103	7,464	7,426	38
Kalinga	6,137	6,110	27	6,898	6,864	34	7,513	7,474	39
Mountain Province	1,116	1,116	0	901	901	0	946	946	0
Ilocos Region	421,321	415,326	5,995	425,476	419,410	6,066	423,829	417,753	6,076
Ilocos Norte	66,913	66,200	713	69,015	67,861	1,154	70,939	69,815	1,124
Ilocos Sur	75,745	73,341	2,404	80,921	78,859	2,062	80,129	78,258	1,871
La Union	61,106	61,049	57	60,740	60,690	50	60,926	60,761	165
Pangasinan	217,557	214,736	2,821	214,800	212,000	2,800	211,835	208,919	2,916
Cagayan Valley	112,506	107,907	4,599	114,564	110,029	4,535	114,194	109,491	4,703
Batanes	0	..	..	3,760	2,693	1,067	3,823	2,677	1,146
Cagayan	42,610	40,240	2,370	41,092	39,258	1,834	41,709	39,608	2,101
Isabela	40,511	38,945	1,566	40,164	39,034	1,130	39,076	38,262	814
Nueva Vizcaya	17,096	16,579	517	16,495	16,094	401	17,212	16,702	510
Quirino	12,289	12,143	146	13,053	12,950	103	12,374	12,242	132
Central Luzon	297,828	284,285	13,543	334,464	321,437	13,027	360,571	348,130	12,441
Aurora	9,462	9,347	115	10,244	10,104	140	10,520	10,401	119
Bataan	25,395	24,530	865	25,636	24,694	942	25,342	24,277	1,065
Bulacan	32,013	28,963	3,050	32,615	29,024	3,591	32,538	29,038	3,500
Nueva Ecija	71,671	67,890	3,781	72,550	68,810	3,740	72,001	68,303	3,698
Pampanga	27,546	27,291	255	36,712	36,452	260	44,213	43,936	277
Tarlac	110,923	105,950	4,973	129,638	125,680	3,958	145,919	142,611	3,308
Zambales	20,818	20,314	504	27,069	26,673	396	30,038	29,564	474
CALABARZON	230,662	227,210	3,452	238,021	234,899	3,122	246,943	242,814	4,129
Batangas	119,216	118,969	247	120,820	120,550	270	121,938	121,638	300
Cavite	16,041	15,499	542	16,600	15,893	707	17,441	16,503	938
Laguna	21,905	20,281	1,624	23,969	22,852	1,117	29,822	28,038	1,784
Quezon	67,600	66,800	800	69,097	68,300	797	67,209	66,435	774
Rizal	5,900	5,661	239	7,535	7,304	231	10,533	10,200	333
MIMAROPA	174,612	172,236	2,376	173,675	171,530	2,145	175,240	173,314	1,926
Marinduque	5,242	5,242	0	5,558	5,558	0	5,225	5,225	0
Occidental Mindoro	46,892	46,037	855	43,290	42,443	847	42,374	41,539	835
Oriental Mindoro	33,032	32,765	267	31,501	31,241	260	30,010	29,762	248
Palawan	68,657	67,574	1,083	72,615	71,823	792	76,462	75,852	610
Romblon	20,789	20,618	171	20,711	20,465	246	21,169	20,936	233
Bicol Region	118,723	117,272	1,451	127,710	126,083	1,627	136,237	134,259	1,978
Albay	20,778	20,603	175	25,312	25,163	149	29,013	28,897	116
Camarines Norte	6,619	6,575	44	6,970	6,930	40	7,408	7,366	42
Camarines Sur	37,967	37,571	396	39,895	39,480	415	43,148	42,704	444
Catanduanes	1,651	1,651	0	1,790	1,790	0	1,929	1,929	0
Masbate	45,755	45,051	704	47,496	46,582	914	48,575	47,269	1,306
Sorsogon	5,953	5,821	132	6,247	6,138	109	6,164	6,094	70
Western Visayas	545,983	542,177	3,806	542,678	539,069	3,609	519,169	515,367	3,802
Aklan	11,006	10,951	55	10,688	10,655	33	8,462	8,462	0
Antique	25,774	25,634	140	26,464	26,275	189	27,019	26,763	256
Capiz	45,178	45,071	107	43,637	43,527	110	37,907	37,840	67
Guimaras	43,535	43,401	134	43,289	43,167	122	34,429	34,320	109
Iloilo	208,572	207,335	1,237	207,515	206,345	1,170	197,846	196,628	1,218
Negros Occidental	211,918	209,785	2,133	211,085	209,100	1,985	213,506	211,354	2,152
Central Visayas	497,764	490,815	6,949	495,185	489,191	5,994	490,848	484,392	6,456
Bohol	73,230	72,905	325	77,328	76,985	343	79,261	78,655	606
Cebu	223,944	220,234	3,710	224,660	220,460	4,200	221,256	216,900	4,356
Negros Oriental	180,631	177,725	2,906	172,957	171,506	1,451	169,907	168,413	1,494
Siquijor	19,959	19,951	8	20,240	20,240	0	20,424	20,424	0
Eastern Visayas	53,632	52,966	666	41,942	41,205	737	36,118	35,345	773
Biliran	12,145	12,094	51	10,212	10,161	51	8,983	8,924	59
Eastern Samar	5,200	5,200	0	2,762	2,762	0	1,683	1,683	0
Leyte	25,003	24,500	503	19,913	19,333	580	17,197	16,665	532
Northern Samar	4,946	4,946	0	3,285	3,285	0	2,315	2,315	0
Samar (Western Samar)	2,199	2,183	16	2,225	2,204	21	2,404	2,367	37
Southern Leyte	4,139	4,043	96	3,545	3,460	85	3,536	3,391	145
Zamboanga Peninsula	117,827	117,272	555	116,117	115,698	419	117,470	117,092	378
Zamboanga del Norte	50,195	50,170	25	51,165	51,135	30	55,996	55,977	19
Zamboanga del Sur	32,155	31,942	213	29,296	29,130	166	26,428	26,263	165
Zamboanga Sibugay	22,374	22,231	143	22,390	22,273	117	22,580	22,498	82
Zamboanga City	13,103	12,929	174	13,266	13,160	106	12,466	12,354	112
Northern Mindanao	242,300	231,823	10,477	234,248	225,229	9,019	233,506	225,981	7,525
Bukidnon	68,500	64,000	4,500	67,500	63,200	4,300	66,050	62,300	3,750
Camiguin	5,230	4,830	400	5,146	4,760	386	4,799	4,475	324
Lanao del Norte	50,477	48,800	1,677	51,242	50,200	1,042	54,888	53,930	958
Misamis Occidental	42,193	42,093	100	38,160	38,069	91	37,338	37,300	38
Misamis Oriental	75,900	72,100	3,800	72,200	69,000	3,200	70,431	67,976	2,455
Davao Region	374,047	370,354	3,693	342,972	338,966	4,006	315,860	311,608	4,252
Compostela Valley	34,056	33,556	500	30,644	29,867	777	31,303	30,410	893
Davao del Norte	48,023	47,420	603	47,470	47,135	335	47,036	46,980	56
Davao del Sur	178,348	177,684	664	151,405	150,550	855	120,048	119,150	898
Davao Oriental	66,700	65,244	1,456	66,514	65,108	1,406	69,747	68,347	1,400
Davao City	46,920	46,450	470	46,939	46,306	633	47,726	46,721	1,005
SOCCSKSARGEN	231,932	225,484	6,448	232,222	226,505	5,717	230,045	224,601	5,444
North Cotabato	113,754	110,043	3,711	115,311	112,211	3,100	112,307	109,397	2,910
Sarangani	23,228	22,400	828	22,640	22,000	640	23,496	22,800	696
South Cotabato	42,170	40,541	1,629	42,461	40,784	1,677	41,709	39,998	1,711
Sultan Kudarat	52,780	52,500	280	51,810	51,510	300	52,533	52,406	127
Caraga	53,403	53,019	384	53,888	53,590	298	54,355	53,910	445
Agusan del Norte	12,403	12,250	153	12,182	12,025	157	11,732	11,550	182
Agusan del Sur	23,968	23,796	172	24,046	23,905	141	24,922	24,795	127
Surigao del Norte	4,700	4,700	0	5,285	5,285	0	5,174	5,174	0
Surigao del Sur	10,229	10,170	59	10,174	10,174	0	10,236	10,100	136
Dinagat Islands	2,103	2,103	0	2,201	2,201	0	2,291	2,291	0
ARMM	147,939	147,856	83	150,613	150,477	136	149,186	149,050	136
Basilan	30,277	30,277	0	32,959	32,959	0	34,364	34,364	0
Lanao del Sur	58,150	58,150	0	59,500	59,500	0	60,126	60,126	0
Maguindanao	14,964	14,964	0	14,917	14,853	64	14,417	14,351	66
Sulu	25,729	25,729	0	24,280	24,280	0	21,384	21,384	0
Tawi-tawi	18,819	18,736	83	18,957	18,885	72	18,895	18,825	70

	2006			2007			2008		
	Total	**Backyard**	**Commer-cial**	**Total**	**Backyard**	**Commer-cial**	**Total**	**Backyard**	**Commer-cial**
Hog									
Philippines	13,046,680	9,728,640	3,318,040	13,459,330	9,825,510	3,633,820	13,701,020	9,726,820	3,974,200
NCR	0	..	..	0	..	..	0	..	..
CAR	247,220	244,960	2,260	247,040	244,540	2,500	206,150	203,650	2,500
Abra	52,660	52,040	620	52,610	51,800	810	51,500	50,770	730
Apayao	24,420	24,420	0	27,000	27,000	0	25,090	25,090	0
Benguet	24,360	23,370	990	32,830	31,790	1,040	23,000	22,150	850
Ifugao	49,620	49,260	360	44,210	43,820	390	28,650	27,960	690
Kalinga	31,910	31,710	200	35,970	35,730	240	39,140	38,910	230
Mountain Province	64,250	64,160	90	54,420	54,400	20	38,770	38,770	..
Ilocos Region	513,120	446,820	66,300	515,340	436,470	78,870	518,030	434,470	83,560
Ilocos Norte	95,200	90,980	4,220	88,300	80,260	8,040	84,340	74,240	10,100
Ilocos Sur	90,870	85,050	5,820	108,970	99,340	9,630	116,790	106,740	10,050
La Union	80,170	67,610	12,560	71,920	54,120	17,800	72,250	55,000	17,250
Pangasinan	246,880	203,180	43,700	246,150	202,750	43,400	244,650	198,490	46,160
Cagayan Valley	748,930	681,110	67,820	657,450	614,480	42,970	539,070	503,170	35,900
Batanes	0	..	..	0	..	..	0	..	..
Cagayan	310,060	307,850	2,210	291,290	288,410	2,880	261,970	257,900	4,070
Isabela	254,960	238,370	16,590	226,290	201,730	24,560	191,430	165,710	25,720
Nueva Vizcaya	134,890	87,660	47,230	98,940	85,390	13,550	55,000	50,700	4,300
Quirino	49,020	47,230	1,790	40,930	38,950	1,980	30,670	28,860	1,810
Central Luzon	1,805,070	697,380	1,107,690	1,955,350	651,300	1,304,050	1,893,580	556,390	1,337,190
Aurora	88,430	88,430	..	77,260	77,260	..	82,750	82,440	310
Bataan	29,930	17,930	12,000	36,200	23,400	12,800	62,200	41,430	20,770
Bulacan	1,078,570	131,660	946,910	1,257,010	120,950	1,136,060	1,246,480	85,000	1,161,480
Nueva Ecija	232,450	199,800	32,650	235,560	190,000	45,560	168,010	122,360	45,650
Pampanga	130,990	96,500	34,490	131,440	97,510	33,930	145,140	103,560	41,580
Tarlac	147,230	70,490	76,740	140,350	69,440	70,910	118,140	54,830	63,310
Zambales	97,470	92,570	4,900	77,530	72,740	4,790	70,860	66,770	4,090
CALABARZON	1,634,600	526,770	1,107,830	1,675,500	498,300	1,177,200	1,794,470	559,690	1,234,780
Batangas	709,650	208,340	501,310	703,970	201,890	502,080	718,560	204,050	514,510
Cavite	159,570	50,520	109,050	169,300	44,420	124,880	161,390	39,040	122,350
Laguna	279,030	138,820	140,210	269,150	140,810	128,340	313,440	154,660	158,780
Quezon	190,900	125,400	65,500	181,410	104,180	77,230	226,560	150,400	76,160
Rizal	295,450	3,690	291,760	351,670	7,000	344,670	374,520	11,540	362,980
MIMAROPA	398,340	380,490	17,850	431,330	404,080	27,250	471,540	423,200	48,340
Marinduque	72,840	72,630	210	77,510	77,260	250	82,670	82,350	320
Occidental Mindoro	68,360	65,860	2,500	67,880	64,870	3,010	68,490	66,020	2,470
Oriental Mindoro	52,330	47,410	4,920	62,120	56,370	5,750	86,180	68,730	17,450
Palawan	140,510	132,010	8,500	154,280	137,860	16,420	164,310	138,130	26,180
Romblon	64,300	62,580	1,720	69,540	67,720	1,820	69,890	67,970	1,920
Bicol Region	826,370	712,690	113,680	815,670	674,460	141,210	776,160	599,100	177,060
Albay	142,519	122,469	20,050	116,850	81,590	35,260	131,220	58,030	73,190
Camarines Norte	80,321	79,191	1,130	91,090	89,780	1,310	95,960	91,980	3,980
Camarines Sur	277,430	268,150	9,280	279,680	266,700	12,980	238,560	228,140	10,420
Catanduanes	49,310	49,310	..	42,260	42,260	..	51,400	51,400	..
Masbate	178,850	97,770	81,080	188,910	100,510	88,400	191,160	104,190	86,970
Sorsogon	97,940	95,800	2,140	96,880	93,620	3,260	67,860	65,360	2,500
Western Visayas	1,281,550	1,110,370	171,180	1,376,490	1,200,970	175,520	1,477,500	1,281,930	195,570
Aklan	132,660	126,700	5,960	126,300	115,620	10,680	135,100	127,840	7,260
Antique	83,070	79,360	3,710	126,980	123,100	3,880	118,350	114,550	3,800
Capiz	151,830	149,480	2,350	153,840	151,780	2,060	162,200	158,660	3,540
Guimaras	47,840	47,590	250	67,890	67,550	340	85,420	84,020	1,400
Iloilo	516,370	388,420	127,950	514,410	386,410	128,000	516,360	386,910	129,450
Negros Occidental	349,780	318,820	30,960	387,070	356,510	30,560	460,070	409,950	50,120
Central Visayas	934,420	779,490	154,930	1,004,420	834,240	170,180	971,210	794,050	177,160
Bohol	310,020	292,290	17,730	309,330	287,230	22,100	285,260	254,580	30,680
Cebu	407,420	286,030	121,390	432,350	310,200	122,150	423,950	305,200	118,750
Negros Oriental	177,490	162,040	15,450	220,470	194,900	25,570	219,600	192,060	27,540
Siquijor	39,490	39,130	360	42,270	41,910	360	42,400	42,210	190
Eastern Visayas	979,630	972,930	6,700	984,000	973,330	10,670	988,990	978,570	10,420
Biliran	59,910	59,860	50	44,050	44,010	40	26,490	26,430	60
Eastern Samar	86,090	85,560	530	72,200	71,440	760	72,360	71,510	850
Leyte	516,550	514,480	2,070	550,340	548,250	2,090	653,080	651,040	2,040
Northern Samar	121,850	121,540	310	129,330	126,190	3,140	95,050	91,850	3,200
Samar (Western Samar)	93,850	93,530	320	71,250	70,670	580	34,680	34,400	280
Southern Leyte	101,380	97,960	3,420	116,830	112,770	4,060	107,330	103,340	3,990
Zamboanga Peninsula	799,710	776,260	23,450	792,110	769,210	22,900	809,070	796,780	12,290
Zamboanga del Norte	164,830	161,500	3,330	157,850	153,550	4,300	161,410	157,070	4,340
Zamboanga del Sur	356,120	341,000	15,120	360,830	347,020	13,810	380,250	376,940	3,310
Zamboanga Sibugay	114,900	114,000	900	139,150	138,350	800	166,250	165,180	1,070
Zamboanga City	163,860	159,760	4,100	134,280	130,290	3,990	101,160	97,590	3,570
Northern Mindanao	841,140	659,200	181,940	825,420	645,080	180,340	798,020	608,370	189,650
Bukidnon	373,860	228,560	145,300	377,430	239,220	138,210	342,140	200,390	141,750
Camiguin	36,210	35,530	680	36,570	35,930	640	34,750	34,020	730
Lanao del Norte	73,000	59,730	13,270	75,240	59,400	15,840	81,720	66,200	15,520
Misamis Occidental	155,200	152,180	3,020	138,660	136,220	2,440	131,550	128,450	3,100
Misamis Oriental	202,870	183,200	19,670	197,520	174,310	23,210	207,860	179,310	28,550
Davao Region	895,660	744,880	150,780	947,990	796,270	151,720	937,640	781,290	156,350
Compostela Valley	130,990	123,980	7,010	130,480	122,750	7,730	135,730	127,580	8,150
Davao del Norte	143,910	108,070	35,840	150,690	111,020	39,670	147,390	109,660	37,730
Davao del Sur	205,820	196,170	9,650	282,760	271,640	11,120	288,340	274,840	13,500
Davao Oriental	172,040	169,430	2,610	149,230	146,580	2,650	135,220	133,990	1,230
Davao City	242,900	147,230	95,670	234,830	144,280	90,550	230,960	135,220	95,740
SOCCSKSARGEN	654,280	513,520	140,760	673,930	529,830	144,100	849,140	540,810	308,330
North Cotabato	204,620	198,270	6,350	218,250	213,040	5,210	233,220	223,800	9,420
Sarangani	99,740	95,880	3,860	101,240	97,750	3,490	103,730	99,660	4,070
South Cotabato	220,290	100,520	119,770	222,090	100,360	121,730	386,910	106,130	280,780
Sultan Kudarat	129,630	118,850	10,780	132,350	118,680	13,670	125,280	111,220	14,060
Caraga	408,530	403,660	4,870	404,070	399,730	4,340	397,970	392,870	5,100
Agusan del Norte	71,090	67,990	3,100	70,560	68,540	2,020	71,800	69,290	2,510
Agusan del Sur	118,730	118,020	710	113,690	112,880	810	114,250	113,500	750
Surigao del Norte	84,450	83,740	710	84,640	83,740	900	85,140	84,080	1,060
Surigao del Sur	134,260	133,910	350	135,180	134,570	610	126,780	126,000	780
Dinagat Islands	0	..	..	0	..	..	0	..	..
ARMM	78,110	78,110	0	153,220	153,220	0	272,480	272,480	0
Basilan	20,260	20,260	0	28,260	28,260	0	32,200	32,200	0
Lanao del Sur	2,670	2,670	0	2,700	2,700	0	2,450	2,450	0
Maguindanao	53,930	53,930	0	121,140	121,140	0	236,800	236,800	0
Sulu	570	570	0	410	410	0	380	380	0
Tawi-tawi	680	680	0	710	710	0	650	650	0

Continued

Table 2.10.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(concluded)*
2006 to 2015
(In heads)

	2009			2010			2011		
	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
Hog									
Philippines	13,596,399	9,602,822	3,993,577	13,397,789	9,542,192	3,855,597	12,303,096	8,466,925	3,836,171
NCR	0	..	..	0	..	..	4,216	..	4,216
CAR	209,725	207,794	1,931	198,393	196,383	2,010	189,592	187,676	1,916
Abra	50,963	50,164	799	59,168	58,501	667	54,025	53,364	661
Apayao	29,205	29,205	0	24,325	24,325	0	19,374	19,374	0
Benguet	22,134	21,870	264	8,759	8,615	144	10,047	9,905	142
Ifugao	29,214	28,611	603	30,530	29,590	940	31,787	30,836	951
Kalinga	44,224	43,959	265	42,007	41,748	259	39,383	39,221	162
Mountain Province	33,985	33,985	..	33,604	33,604	..	34,976	34,976	..
Ilocos Region	539,411	466,762	72,649	519,598	450,489	69,109	502,916	419,775	83,141
Ilocos Norte	94,695	86,830	7,865	93,628	86,150	7,478	101,736	92,910	8,826
Ilocos Sur	108,621	101,381	7,240	92,653	85,863	6,790	77,575	64,080	13,495
La Union	72,973	60,701	12,272	69,266	59,500	9,766	72,756	60,500	12,256
Pangasinan	263,122	217,850	45,272	264,051	218,976	45,075	250,849	202,285	48,564
Cagayan Valley	495,134	461,339	33,795	479,039	446,196	32,843	416,723	381,681	35,042
Batanes	0	..	..	0	0	..	0	0	..
Cagayan	240,916	237,318	3,598	250,841	245,162	5,679	205,498	199,090	6,408
Isabela	175,963	149,241	26,722	161,935	138,536	23,399	138,484	116,267	22,217
Nueva Vizcaya	44,977	42,681	2,296	40,948	38,023	2,925	48,154	42,912	5,242
Quirino	33,278	32,099	1,179	25,315	24,475	840	24,587	23,412	1,175
Central Luzon	1,713,836	537,326	1,176,510	1,428,682	463,455	965,227	1,497,828	435,734	1,062,094
Aurora	71,477	71,208	269	73,648	73,493	155	71,544	71,335	209
Bataan	65,889	43,215	22,674	62,976	47,548	15,428	70,116	38,262	31,854
Bulacan	1,107,225	117,527	989,698	887,421	85,843	801,578	904,100	71,877	832,223
Nueva Ecija	145,970	100,270	45,700	114,528	71,550	42,978	127,020	66,680	60,340
Pampanga	129,505	90,870	38,635	105,613	74,618	30,995	111,539	73,462	38,077
Tarlac	109,983	36,275	73,708	89,318	23,361	65,957	132,405	42,431	89,974
Zambales	83,787	77,961	5,826	95,178	87,042	8,136	81,104	71,687	9,417
CALABARZON	1,848,951	518,750	1,330,201	1,759,631	503,705	1,255,926	1,652,613	437,623	1,214,990
Batangas	767,136	162,688	604,448	691,532	162,103	529,429	664,733	145,893	518,840
Cavite	166,341	40,973	125,368	173,673	36,666	137,007	164,994	22,256	142,738
Laguna	291,062	137,770	153,292	279,204	128,924	150,280	243,850	95,350	148,500
Quezon	240,005	166,405	73,600	238,300	165,800	72,500	222,200	149,100	73,100
Rizal	384,407	10,914	373,493	376,922	10,212	366,710	356,836	25,024	331,812
MIMAROPA	469,399	408,764	60,635	504,485	425,071	79,414	498,192	420,366	77,826
Marinduque	73,281	72,656	625	73,428	72,968	460	72,069	71,627	442
Occidental Mindoro	62,729	59,573	3,156	68,553	65,197	3,356	62,360	59,521	2,839
Oriental Mindoro	92,065	73,807	18,258	96,147	77,481	18,666	93,902	76,269	17,633
Palawan	171,168	134,605	36,563	198,458	143,335	55,123	216,903	162,166	54,737
Romblon	70,156	68,123	2,033	67,899	66,090	1,809	52,958	50,783	2,175
Bicol Region	859,794	648,287	211,507	1,050,795	760,870	289,925	952,649	714,497	238,152
Albay	193,854	88,924	104,930	362,323	163,761	198,562	309,839	125,910	183,929
Camarines Norte	108,051	101,115	6,936	113,955	102,522	11,433	110,533	97,233	13,300
Camarines Sur	226.657	216.788	9.869	228.392	218.104	10.288	198.190	187.123	11.067
Catanduanes	80,141	80,141	..	108,405	108,405	..	142,345	142,011	334
Masbate	189,905	104,063	85,842	169,001	103,603	65,398	128,906	101,940	26,966
Sorsogon	61.186	57.256	3.930	68.719	64.475	4.244	62.836	60.280	2.556
Western Visayas	1,500,004	1,293,206	206,798	1,548,714	1,338,725	209,989	1,313,330	1,167,686	145,644
Aklan	133,566	124,925	8,641	135,365	130,128	5,237	118,731	112,710	6,021
Antique	108,912	105,012	3,900	102,603	99,770	2,833	67,598	65,146	2,452
Capiz	162,400	158,272	4,128	164,224	160,396	3,828	132,241	129,476	2,765
Guimaras	99,796	98,378	1,418	114,883	112,283	2,600	74,172	72,332	1,840
Iloilo	522,476	393,330	129,146	523,681	395,270	128,411	444,995	364,955	80,040
Negros Occidental	472,854	413,289	59,565	507,958	440,878	67,080	475,593	423,067	52,526
Central Visayas	965,643	788,331	177,312	973,113	789,556	183,557	964,005	725,602	238,403
Bohol	277,859	250,605	27,254	289,424	255,181	34,243	301,016	251,600	49,416
Cebu	427,322	304,968	122,354	427,730	305,670	122,060	412,839	249,849	162,990
Negros Oriental	217,883	190,398	27,485	211,549	184,486	27,063	210,661	184,935	25,726
Siquijor	42,579	42,360	219	44,410	44,219	191	39,489	39,218	271
Eastern Visayas	1,029,444	1,019,051	10,393	978,360	970,911	7,449	763,052	754,604	8,448
Biliran	25,982	25,950	32	25,125	25,125	..	17,122	16,950	172
Eastern Samar	75,815	75,176	639	59,376	58,800	576	51,496	51,007	489
Leyte	657,912	655,822	2,090	628,070	626,320	1,750	479,056	476,527	2,529
Northern Samar	103.660	100.250	3.410	107.862	104.616	3.246	104.710	101.300	3.410
Samar (Western Samar)	60,647	60,368	279	64,854	64,565	289	40,819	40,610	209
Southern Leyte	105,428	101,485	3,943	93,073	91,485	1,588	69,849	68,210	1,639
Zamboanga Peninsula	801,252	788,933	12,319	806,553	791,566	14,987	608,217	586,188	22,029
Zamboanga del Norte	162.410	158.098	4,312	145.671	140,559	5.112	149.049	143.806	5.243
Zamboanga del Sur	380,551	377,447	3,104	375,428	370,800	4,628	265,508	254,653	10,855
Zamboanga Sibugay	162,586	161,629	957	165,189	164,534	655	121,387	120,854	533
Zamboanga City	95.705	91.759	3.946	120.265	115.673	4.592	72.273	66.875	5.398
Northern Mindanao	833,926	629,266	204,660	845,511	615,451	230,060	794,101	578,534	215,567
Bukidnon	380,485	223,042	157,443	371,250	190,000	181,250	344,600	179,500	165,100
Camiguin	34,231	33,525	706	33,821	33,280	541	33,647	33,230	417
Lanao del Norte	82,491	67,231	15,260	83,430	68,125	15,305	75,485	59,400	16,085
Misamis Occidental	136,538	132,784	3,754	136,244	131,750	4,494	126,913	120,898	6,015
Misamis Oriental	200,181	172,684	27,497	220,766	192,296	28,470	213,456	185,506	27,950
Davao Region	890,166	736,998	153,168	867,193	707,588	159,605	860,594	698,410	162,184
Compostela Valley	144,870	136,650	8,220	127,219	119,645	7,574	134,808	126,387	8,421
Davao del Norte	149,843	112,540	37,303	142,159	106,235	35,924	142,171	103,050	39,121
Davao del Sur	225,728	215,368	10,360	221,668	210,514	11,154	227,593	215,771	11,822
Davao Oriental	133,605	132,800	805	136,817	136,204	613	119,646	119,023	623
Davao City	236,120	139,640	96,480	239,330	134,990	104,340	236,376	134,179	102,197
SOCCSKSARGEN	839,547	503,843	335,704	882,010	532,895	349,115	810,132	491,151	318,981
North Cotabato	236,134	225,349	10,785	261,706	247,985	13,721	232,856	222,834	10,022
Sarangani	100,790	96,600	4,190	102,418	98,760	3,658	92,541	89,100	3,441
South Cotabato	408,928	100,879	308,049	421,070	106,836	314,234	400,067	99,110	300,957
Sultan Kudarat	93,695	81,015	12,680	96,816	79,314	17,502	84,668	80,107	4,561
Caraga	363,992	357,997	5,995	341,471	335,090	6,381	310,361	302,823	7,538
Agusan del Norte	78,089	74,935	3,154	77,882	74,150	3,732	72,994	69,350	3,644
Agusan del Sur	95,146	94,345	801	84,133	83,110	1,023	79,553	77,970	1,583
Surigao del Norte	85.738	84.738	1,000	78.797	78.233	564	77.848	76.824	1.024
Surigao del Sur	105,019	103,979	1,040	86,047	84,985	1,062	71,475	70,188	1,287
Dinagat Islands	0	..	..	14,612	14,612	..	8,491	8,491	..
ARMM	236.175	236.175	0	214,241	214,241	0	164.575	164.575	0
Basilan	36,726	36,726	0	38,496	38,496	0	36,203	36,203	0
Lanao del Sur	2,386	2,386	0	1,483	1,483	0	1,416	1,416	0
Maguindanao	195,893	195,893	0	172,838	172,838	0	125,673	125,673	0
Sulu	487	487	0	550	550	0	500	500	0
Tawi-tawi	683	683	0	874	874	0	783	783	0

.. Data not available ... Data not yet available

[1] Inventory as of 01 January of the next year

Western Visayas data includes Negros Occidental from 1994-2015
Central Visayas data includes Negros Oriental from 1994-2015

Source: Philippine Statistics Authority

2012			2013			2014			2015		
Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
11,863,021	7,981,667	3,881,354	11,843,051	7,750,238	4,092,812	11,801,656	7,656,825	4,144,831	11,999,722	7,782,290	4,217,432
0	..	0	0	..	..	0	..	..	0	..	..
210,113	207,022	3,091	211,886	207,932	3,954	209,623	205,835	3,788	196,385	192,731	3,654
56,261	55,336	925	55,255	54,343	912	47,368	46,735	633	33,176	32,710	466
23,423	23,423	0	24,326	24,326	0	24,930	24,930	0	25,475	25,475	0
13,015	12,326	689	17,264	16,286	978	21,263	20,300	963	24,978	24,540	438
35,965	34,782	1,183	28,319	26,467	1,852	29,055	27,260	1,795	25,105	23,170	1,935
46,371	46,167	204	51,203	50,991	212	51,659	51,459	200	51,445	50,900	545
35,078	34,988	90	35,519	35,519	0	35,348	35,151	197	36,206	35,936	270
534,535	440,353	94,182	529,317	437,680	91,637	521,370	431,912	89,458	521,622	427,294	94,328
117,324	106,850	10,474	111,303	101,384	9,919	107,794	100,055	7,739	106,019	99,198	6,821
74,976	61,682	13,294	76,733	63,966	12,767	74,417	63,216	11,201	68,993	57,083	11,910
78,221	57,032	21,189	78,266	58,509	19,757	75,159	54,641	20,518	79,434	59,093	20,341
264,014	214,789	49,225	263,015	213,821	49,194	264,000	214,000	50,000	267,176	211,920	55,256
381,154	342,364	38,790	378,401	339,459	38,942	391,210	356,077	35,133	404,972	366,729	38,243
0	0	..	0	0	0	3,641	3,463	178	3,580	3,289	291
178,487	170,146	8,341	176,513	168,993	7,520	187,261	181,000	6,261	196,324	190,092	6,232
130,427	110,280	20,147	131,423	110,424	20,999	129,473	110,462	19,011	130,052	108,606	21,446
49,415	40,763	8,652	46,640	38,167	8,473	45,765	38,597	7,168	48,174	40,132	8,042
22,825	21,175	1,650	23,825	21,875	1,950	25,070	22,555	2,515	26,842	24,610	2,232
1,550,286	423,657	1,126,629	1,792,618	453,996	1,338,622	1,895,150	507,083	1,388,067	1,935,084	497,925	1,437,159
64,340	63,662	678	61,149	60,571	578	66,259	65,730	529	64,291	63,696	595
58,105	29,436	28,669	60,275	30,250	30,025	69,130	37,798	31,332	70,375	38,332	32,043
931,542	70,147	861,395	1,094,219	80,183	1,014,036	1,115,052	100,510	1,014,542	1,111,453	100,500	1,010,953
120,253	57,753	62,500	121,464	56,758	64,706	123,296	56,986	66,310	124,908	56,500	68,408
115,338	73,506	41,832	159,790	83,682	76,108	192,008	93,286	98,722	192,342	95,865	96,477
193,486	70,636	122,850	224,968	81,920	143,048	259,161	99,293	159,868	302,201	92,940	209,261
67,222	58,517	8,705	70,753	60,632	10,121	70,244	53,480	16,764	69,514	50,092	19,422
1,642,311	439,880	1,202,431	1,563,745	377,666	1,186,079	1,553,879	364,988	1,188,891	1,574,036	376,213	1,197,823
678,763	156,998	521,765	657,514	135,125	522,389	662,050	135,600	526,450	688,320	147,560	540,760
170,679	20,584	150,095	157,419	16,571	140,848	145,875	14,464	131,411	147,880	13,538	134,342
211,023	80,036	130,987	187,044	55,296	131,748	176,890	42,296	134,594	180,556	41,690	138,866
224,598	151,200	73,398	223,050	149,450	73,600	226,275	152,500	73,775	227,929	153,925	74,004
357,248	31,062	326,186	338,718	21,224	317,494	342,789	20,128	322,661	329,351	19,500	309,851
516,013	435,657	80,356	518,297	433,629	84,668	536,430	438,255	98,175	555,652	447,951	107,701
70,704	70,315	389	64,548	64,386	162	63,901	63,742	159	65,331	65,178	153
66,368	62,825	3,543	64,573	60,122	4,451	61,906	57,683	4,223	70,254	66,236	4,018
99,181	81,464	17,717	101,870	83,745	18,125	104,825	86,090	18,735	103,304	82,763	20,541
224,469	168,205	56,264	232,346	173,614	58,732	246,602	175,217	71,385	257,601	177,474	80,127
55,291	52,848	2,443	54,960	51,762	3,198	59,196	55,523	3,673	59,162	56,300	2,862
760,517	608,330	152,187	797,901	646,050	151,851	858,408	703,568	154,840	863,382	721,878	141,504
184,823	72,058	112,765	190,182	73,748	116,434	195,249	77,422	117,827	184,379	82,612	101,767
110,700	97,500	13,200	111,622	96,999	14,623	116,430	99,350	17,080	121,367	102,985	18,382
206.784	189.988	16.796	251.698	239.267	12.431	284.010	270.560	13.450	296.956	281.830	15.126
82,384	82,209	175	65,975	65,904	71	72,463	72,428	35	77,431	77,360	71
108,149	101,061	7,088	99,812	93,430	6,382	101,400	97,262	4,138	101,910	97,749	4,161
67.677	65.514	2.163	78.612	76.702	1.910	88.856	86.546	2.310	81.339	79.342	1.997
1,306,912	1,172,310	134,602	1,320,668	1,182,760	137,908	1,304,271	1,163,970	140,301	1,295,787	1,153,991	141,796
114,836	110,540	4,296	114,946	110,257	4,689	111,354	106,501	4,853	115,861	109,472	6,389
71,145	68,915	2,230	71,414	68,589	2,825	71,479	67,034	4,445	74,059	69,431	4,628
130,426	129,064	1,362	138,352	136,914	1,438	136,496	135,458	1,038	132,220	131,190	1,030
73,845	70,659	3,186	69,001	66,367	2,634	58,432	56,544	1,888	46,853	43,958	2,895
440,460	367,307	73,153	442,435	367,366	75,069	437,498	363,318	74,180	429,300	358,430	70,870
476,200	425,825	50,375	484,520	433,267	51,253	489,012	435,115	53,897	497,494	441,510	55,984
960,064	719,489	240,575	929,869	699,328	230,541	898,921	674,765	224,156	939,817	702,096	237,721
297,718	247,845	49,873	277,651	232,545	45,106	274,543	230,015	44,528	284,851	239,125	45,726
413,606	248,273	165,333	405,948	246,925	159,023	385,190	227,410	157,780	406,896	238,981	167,915
207,878	182,983	24,895	206,672	180,691	25,981	198,794	177,316	21,478	207,629	184,060	23,569
40,862	40,388	474	39,598	39,167	431	40,394	40,024	370	40,441	39,930	511
588,786	579,975	8,811	473,340	464,124	9,216	327,208	317,691	9,517	335,446	324,857	10,589
11,220	11,098	122	11,603	11,485	118	11,717	11,597	120	11,575	11,465	110
30,900	30,100	800	25,910	25,000	910	17,722	17,258	464	26,845	25,773	1,072
392,192	390,182	2,010	298,872	297,042	1,830	176,809	174,995	1,814	168,147	166,737	1,410
68.146	64.111	4.035	63.878	59.120	4.758	53.596	48.724	4.872	55.586	49.962	5.624
42,601	42,416	185	42,786	42,512	274	40,050	39,881	169	44,419	44,221	198
43,727	42,068	1,659	30,291	28,965	1,326	27,314	25,236	2,078	28,874	26,699	2,175
500,064	483,988	16,076	512,501	497,905	14,596	502,461	486,580	15,881	517,407	502,890	14,517
145.146	140.145	5.001	160.776	156.096	4.680	169.129	164.706	4.423	188.319	183.613	4.706
158,475	154,420	4,055	160,920	156,795	4,125	143,760	138,847	4,913	135,820	130,700	5,120
119,805	119,369	436	110,001	109,647	354	114,353	114,077	276	119,647	119,492	155
76.638	70.054	6.584	80.804	75.367	5.437	75.219	68.950	6.269	73.621	69.085	4.536
897,213	595,157	302,056	901,818	603,790	298,028	899,101	604,583	294,518	884,673	587,822	296,851
436,080	192,500	243,580	443,500	197,000	246,500	444,600	198,750	245,850	442,150	197,500	244,650
34,103	33,335	768	33,756	33,240	516	32,106	31,745	361	31,152	30,710	442
81,276	62,800	18,476	79,433	64,200	15,233	82,228	66,300	15,928	87,211	68,920	18,291
126,854	120,522	6,332	130,929	122,250	8,679	127,167	121,288	5,879	130,953	124,000	6,953
218,900	186,000	32,900	214,200	187,100	27,100	213,000	186,500	26,500	193,207	166,692	26,515
858,904	697,517	161,387	811,247	641,396	169,851	803,851	641,398	162,453	848,081	697,080	151,001
137,392	127,052	10,340	124,145	115,462	8,683	121,629	112,738	8,891	124,462	114,922	9,540
139,885	97,280	42,605	138,437	94,150	44,287	136,410	94,340	42,070	134,668	94,225	40,443
216,315	204,497	11,818	187,311	174,177	13,134	187,819	173,400	14,419	239,672	226,208	13,464
136,135	135,397	738	121,584	120,912	672	124,251	123,469	782	123,200	122,000	1,200
229,177	133,291	95,886	239,770	136,695	103,075	233,742	137,451	96,291	226,079	139,725	86,354
806,009	493,487	312,522	795,691	466,794	328,897	790,533	462,277	328,256	809,139	481,070	328,069
241,930	230,634	11,296	231,116	217,937	13,179	234,833	221,560	13,273	248,345	234,805	13,540
92,439	89,000	3,439	87,413	84,000	3,413	78,390	75,000	3,390	76,615	73,000	3,615
397,262	100,906	296,356	409,641	98,722	310,919	409,799	98,917	310,882	407,577	97,463	310,114
74,378	72,947	1,431	67,521	66,135	1,386	67,511	66,800	711	76,602	75,802	800
240,526	232,867	7,659	240,898	232,875	8,023	240,714	229,317	11,397	251,371	234,895	16,476
58,702	55,580	3,122	59,424	55,431	3,993	62,466	57,350	5,116	62,556	57,980	4,576
61,862	59,900	1,962	63,391	61,850	1,541	62,271	58,950	3,321	73,114	64,810	8,304
56,167	54,960	1,207	53,049	51,760	1,289	50,609	49,175	1,434	47,927	46,200	1,727
58,038	56,670	1,368	58,589	57,389	1,200	58,518	56,992	1,526	60,909	59,040	1,869
5,757	5,757	0	6,445	6,445	0	6,850	6,850	0	6,865	6,865	0
109,614	109,614	0	64,854	64,854	0	68,526	68,526	0	66,868	66,868	0
37,651	37,651	0	39,673	39,673	0	40,401	40,401	0	40,265	40,265	0
1,250	1,250	0	900	900	0	875	875	0	615	615	0
69,366	69,366	0	22,998	22,998	0	25,969	25,969	0	24,673	24,673	0
533	533	0	545	545	0	570	570	0	600	600	0
814	814	0	738	738	0	711	711	0	715	715	0

Table 2.10.2
POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2006 to 2015
(In heads)

	2006				2007			
	Total	Broilers	Layers	Native	Total	Broilers	Layers	Native
Chicken								
Philippines	134,332,861	35,986,840	21,375,284	76,970,737	135,640,163	38,408,140	23,345,433	73,886,590
NCR	0	..	0	..	0	..	0	..
CAR	1,662,296	55,000	57,865	1,549,431	1,738,353	155,600	50,523	1,532,230
Abra	509,424	0	1,465	507,959	497,176	0	2,157	495,019
Apayao	214,229	0	0	214,229	239,548	0	0	239,548
Benguet	223,282	0	11,050	212,232	170,544	0	10,651	159,893
Ifugao	343,504	43,000	43,100	257,404	475,886	144,000	32,770	299,116
Kalinga	159,888	12,000	0	147,888	153,264	11,600	0	141,664
Mountain Province	211,969	0	2,250	209,719	201,935	0	4,945	196,990
Ilocos Region	8,075,585	1,919,173	399,862	5,756,550	7,868,807	1,943,358	624,811	5,300,638
Ilocos Norte	1,197,097	103,501	169,836	923,760	1,216,873	95,723	182,840	938,310
Ilocos Sur	1,268,087	47,200	5,742	1,215,145	1,270,925	125,430	31,095	1,114,400
La Union	1,431,287	390,971	96,868	943,448	1,189,597	188,537	73,462	927,598
Pangasinan	4,179,114	1,377,501	127,416	2,674,197	4,191,412	1,533,668	337,414	2,320,330
Cagayan Valley	7,459,937	1,097,892	288,450	6,073,595	6,840,700	1,418,716	262,036	5,159,948
Batanes	0	..	..	..	0	..	..	..
Cagayan	2,575,693	370,069	59,630	2,145,994	2,115,657	200,920	86,370	1,828,367
Isabela	3,822,292	675,900	166,820	2,979,572	3,337,928	1,111,607	113,966	2,112,355
Nueva Vizcaya	692,801	32,620	62,000	598,181	938,767	87,770	61,700	789,297
Quirino	369,151	19,303	0	349,848	448,348	18,419	0	429,929
Central Luzon	21,989,988	11,936,866	4,383,913	5,669,209	24,788,032	13,195,583	5,816,423	5,776,026
Aurora	353,583	47,694	0	305,889	211,212	8,415	4,790	198,007
Bataan	981,131	807,800	5,500	167,831	1,119,400	925,650	25,000	168,750
Bulacan	4,520,623	1,079,800	2,512,320	928,503	3,428,490	604,200	1,723,200	1,101,090
Nueva Ecija	6,205,015	4,766,625	429,943	1,008,447	7,104,925	5,377,745	380,000	1,347,180
Pampanga	5,386,392	3,041,500	869,288	1,475,604	7,627,197	3,503,573	2,710,674	1,412,950
Tarlac	3,010,746	1,639,500	544,552	826,694	3,843,745	2,102,600	946,809	794,336
Zambales	1,532,498	553,947	22,310	956,241	1,453,063	673,400	25,950	753,713
CALABARZON	19,963,756	10,134,922	6,740,978	3,087,856	20,087,976	9,694,208	7,251,215	3,142,553
Batangas	7,181,831	3,297,174	2,714,284	1,170,373	7,187,536	3,132,938	2,880,562	1,174,036
Cavite	2,530,913	1,918,143	313,550	299,220	1,645,538	931,520	414,407	299,611
Laguna	2,782,888	1,880,816	307,386	594,686	2,715,856	1,841,000	286,860	587,996
Quezon	2,359,428	802,300	604,754	952,374	2,755,548	1,160,850	603,540	991,158
Rizal	5,108,696	2,236,489	2,801,004	71,203	5,783,498	2,627,900	3,065,846	89,752
MIMAROPA	3,366,372	83,296	67,216	3,215,860	3,215,322	147,119	60,994	3,007,209
Marinduque	356,323	3,000	13,358	339,965	312,667	2,500	10,115	300,052
Occidental Mindoro	608,224	..	10,977	597,247	603,970	..	10,272	593,698
Oriental Mindoro	682,873	42,977	1,211	638,685	619,930	88,400	6,500	525,030
Palawan	1,057,745	37,319	41,670	978,756	1,051,199	43,569	34,107	973,523
Romblon	661,207	..	0	661,207	627,556	12,650	0	614,906
Bicol Region	7,658,701	1,497,567	1,931,193	4,229,941	5,231,538	605,143	850,501	3,775,894
Albay	1,224,412	100,100	101,773	1,022,539	889,952	150	99,950	789,852
Camarines Norte	458,109	42,165	1,100	414,844	431,920	35,923	3,080	392,917
Camarines Sur	4,293,553	1,325,302	1,792,420	1,175,831	2,281,922	549,070	713,210	1,019,642
Catanduanes	258,605	..	0	258,605	232,809	..	0	232,809
Masbate	764,447	..	0	764,447	885,069	..	0	885,069
Sorsogon	659,575	30,000	35,900	593,675	509,866	20,000	34,261	455,605
Western Visayas	14,127,123	2,124,510	1,123,513	10,879,100	14,458,778	2,160,319	1,131,880	11,166,579
Aklan	1,114,179	26,500	9,980	1,077,699	1,106,534	6,500	14,386	1,085,648
Antique	1,184,782	130	38,783	1,145,869	923,097	5,600	36,523	880,974
Capiz	1,443,054	317,680	77,352	1,048,022	1,761,322	387,780	86,969	1,286,573
Guimaras	663,913	5,800	19,200	638,913	599,799	1,200	15,100	583,499
Iloilo	5,371,428	877,900	542,598	3,950,930	5,579,727	871,260	540,352	4,168,115
Negros Occidental	4,349,767	896,500	435,600	3,017,667	4,488,299	887,979	438,550	3,161,770
Central Visayas	10,282,700	992,453	2,058,929	7,231,318	11,765,413	2,084,558	2,135,125	7,545,730
Bohol	2,622,008	105,599	83,206	2,433,203	2,766,699	144,500	88,664	2,533,535
Cebu	5,530,840	798,365	1,940,458	2,792,017	6,725,306	1,762,412	2,008,999	2,953,895
Negros Oriental	1,651,763	83,364	32,823	1,535,576	1,797,529	172,789	35,130	1,589,610
Siquijor	478,089	5,125	2,442	470,522	475,879	4,857	2,332	468,690
Eastern Visayas	4,269,835	593,516	122,896	3,553,423	4,169,698	529,757	125,051	3,514,890
Biliran	238,541	25,150	2,513	210,878	202,287	38,086	1,413	162,788
Eastern Samar	293,498	1,000	1,435	291,063	285,623	100	751	284,772
Leyte	2,194,251	307,767	117,213	1,769,271	2,156,787	261,960	120,309	1,774,518
Northern Samar	756,137	209,592	0	546,545	724,020	180,240	0	543,780
Samar (Western Samar)	359,440	47,900	1,000	310,540	359,371	47,000	1,800	310,571
Southern Leyte	427,968	2,107	735	425,126	441,610	2,371	778	438,461
Zamboanga Peninsula	6,102,077	817,900	573,196	4,710,981	5,174,407	951,402	415,692	3,807,313
Zamboanga del Norte	1,830,903	72,216	5,638	1,753,049	1,631,358	35,000	18,960	1,577,398
Zamboanga del Sur	1,755,178	29,500	200,707	1,524,971	1,288,984	39,990	42,100	1,206,894
Zamboanga Sibugay	741,467	..	18,440	723,027	642,091	..	15,085	627,006
Zamboanga City	1,774,529	716,184	348,411	709,934	1,611,974	876,412	339,547	396,015
Northern Mindanao	9,847,997	2,326,911	2,053,236	5,467,850	11,045,979	2,808,480	2,954,336	5,283,163
Bukidnon	4,273,793	936,201	1,546,813	1,790,779	5,530,081	1,368,215	2,546,151	1,615,715
Camiguin	144,227	..	4,450	139,777	123,707	..	1,515	122,192
Lanao del Norte	1,239,038	..	35,100	1,203,938	1,228,899	..	37,214	1,191,685
Misamis Occidental	1,437,731	212,150	159,057	1,066,524	1,371,928	142,300	58,970	1,170,658
Misamis Oriental	2,753,208	1,178,560	307,816	1,266,832	2,791,364	1,297,965	310,486	1,182,913
Davao Region	9,093,671	1,774,460	1,216,337	6,102,874	8,403,002	1,222,705	1,232,933	5,947,364
Compostela Valley	1,032,410	4,000	6,508	1,021,902	1,066,515	5,500	10,645	1,050,370
Davao del Norte	1,539,610	150,000	12,642	1,376,968	1,104,223	187,396	50,582	866,245
Davao del Sur	1,421,245	46,000	51,122	1,324,123	2,224,338	196,623	56,461	1,971,254
Davao Oriental	1,366,384	26,238	33,410	1,306,736	998,364	44,396	34,453	919,515
Davao City	3,734,022	1,548,222	1,112,655	1,073,145	3,009,562	788,790	1,080,792	1,139,980
SOCCSKSARGEN	6,274,602	478,833	295,130	5,500,639	6,432,290	1,121,670	310,897	4,999,723
North Cotabato	2,345,806	450	90,200	2,255,156	2,056,546	0	112,459	1,944,087
Sarangani	820,665	1,227	4,560	814,878	878,809	1,350	6,560	870,899
South Cotabato	1,902,071	417,156	190,900	1,294,015	2,574,947	1,095,320	185,490	1,294,137
Sultan Kudarat	1,206,060	60,000	9,470	1,136,590	921,988	25,000	6,388	890,600
Caraga	2,181,832	145,991	60,570	1,975,271	2,377,933	369,522	116,216	1,892,195
Agusan del Norte	530,708	109,000	38,500	383,208	804,582	353,972	80,610	370,000
Agusan del Sur	508,721	31,091	9,830	467,800	484,686	10,500	14,056	460,130
Surigao del Norte	468,798	5,900	3,500	459,398	411,345	5,050	9,900	396,395
Surigao del Sur	673,605	0	8,740	664,865	677,320	0	11,650	665,670
Dinagat Islands	0	..	0	..	0	..	0	..
ARMM	1,976,389	7,550	2,000	1,966,839	2,041,935	0	6,800	2,035,135
Basilan	145,691	7,550	2,000	136,141	217,854	0	6,800	211,054
Lanao del Sur	595,616	0	0	595,616	612,264	0	0	612,264
Maguindanao	742,862	0	0	742,862	672,298	0	0	672,298
Sulu	400,415	0	0	400,415	433,927	0	0	433,927
Tawi-tawi	91,805	0	0	91,805	105,592	0	0	105,592

	2008				2009			
	Total	Broilers	Layers	Native	Total	Broilers	Layers	Native
Chicken								
Philippines	154,272,036	52,243,603	25,167,873	76,860,560	158,663,075	56,941,610	25,181,591	76,539,874
NCR	0	..	0	..	0	..	0	..
CAR	1,541,909	160,001	51,654	1,330,254	1,591,640	191,530	66,169	1,333,941
Abra	489,762	0	1,677	488,085	444,970	5,030	1,212	438,728
Apayao	143,989	0	0	143,989	177,803	0	..	177,803
Benguet	153,719	0	12,127	141,592	207,105	16,000	31,492	159,613
Ifugao	452,012	155,000	37,850	259,162	455,496	169,000	33,465	253,031
Kalinga	148,040	5,001	0	143,039	167,325	1,500	..	165,825
Mountain Province	154,387	0	0	154,387	138,941	0	..	138,941
Ilocos Region	11,228,743	4,241,967	793,365	6,193,411	13,242,111	5,979,008	802,978	6,460,125
Ilocos Norte	1,581,247	423,781	199,048	958,418	1,505,837	361,391	214,760	929,686
Ilocos Sur	1,285,060	132,120	40,140	1,112,800	1,265,072	140,450	40,512	1,084,110
La Union	1,516,102	514,278	104,861	896,963	1,885,757	814,195	85,811	985,751
Pangasinan	6,846,334	3,171,788	449,316	3,225,230	8,585,445	4,662,972	461,895	3,460,578
Cagayan Valley	6,544,238	1,576,326	294,729	4,673,183	7,181,258	2,126,470	380,420	4,674,368
Batanes	0	..	..	0	0	..	..	..
Cagayan	1,768,595	186,154	67,090	1,515,351	1,895,203	204,760	76,120	1,614,323
Isabela	3,353,105	1,213,562	149,289	1,990,254	3,675,787	1,594,110	246,500	1,835,177
Nueva Vizcaya	893,370	160,010	78,350	655,010	1,093,087	308,600	57,800	726,687
Quirino	529,168	16,600	0	512,568	517,181	19,000	..	498,181
Central Luzon	32,376,916	19,270,232	6,681,040	6,425,644	31,739,088	19,639,946	5,531,835	6,567,307
Aurora	193,701	2,910	2,441	188,350	180,087	2,445	..	177,642
Bataan	3,256,790	2,922,190	80,000	254,600	3,605,610	3,140,210	97,000	368,400
Bulacan	5,162,616	2,858,522	1,664,068	640,026	6,367,796	3,955,879	1,854,356	557,561
Nueva Ecija	7,821,880	5,274,222	775,757	1,771,901	8,280,958	6,089,300	418,528	1,773,130
Pampanga	8,435,695	3,598,003	3,129,384	1,708,308	5,706,205	1,418,880	2,259,610	2,027,715
Tarlac	4,524,829	2,742,480	1,003,990	778,359	5,181,021	3,491,899	869,014	820,108
Zambales	2,981,405	1,871,905	25,400	1,084,100	2,417,411	1,541,333	33,327	842,751
CALABARZON	22,534,358	11,798,145	7,589,692	3,146,521	25,111,307	12,807,337	9,136,167	3,167,803
Batangas	7,762,475	3,159,085	3,409,841	1,193,549	8,959,395	3,269,653	4,424,429	1,265,313
Cavite	3,053,127	2,416,897	392,000	244,230	3,366,871	2,448,714	618,157	300,000
Laguna	2,561,152	1,698,204	271,168	591,780	2,817,618	2,085,000	284,018	448,600
Quezon	2,875,860	1,250,560	618,450	1,006,850	3,187,325	1,570,520	596,155	1,020,650
Rizal	6,281,744	3,273,399	2,898,233	110,112	6,780,098	3,433,450	3,213,408	133,240
MIMAROPA	3,190,598	148,060	74,818	2,967,720	3,085,626	155,665	75,611	2,854,350
Marinduque	235,747	2,500	10,115	223,132	154,719	2,229	10,997	141,493
Occidental Mindoro	594,518	..	10,677	583,841	486,437	..	12,181	474,256
Oriental Mindoro	555,787	102,803	8,626	444,358	489,397	127,500	7,802	354,095
Palawan	1,227,554	24,907	45,400	1,157,247	1,422,846	25,936	44,631	1,352,279
Romblon	576,992	17,850	0	559,142	532,227	..	..	532,227
Bicol Region	5,943,538	802,210	842,731	4,298,597	6,473,352	860,844	889,725	4,722,783
Albay	1,195,174	88,050	112,436	994,688	1,273,481	81,250	105,621	1,086,610
Camarines Norte	431,436	40,873	8,668	381,895	434,698	30,264	5,344	399,090
Camarines Sur	2,355,050	649,287	683,367	1,022,396	2,758,602	718,780	729,160	1,310,662
Catanduanes	338,582	..	0	338,582	422,723	..	..	422,723
Masbate	1,122,610	..	0	1,122,610	1,119,268	..	..	1,119,268
Sorsogon	500,686	24,000	38,260	438,426	464,580	30,550	49,600	384,430
Western Visayas	16,818,535	2,330,832	1,184,612	13,303,091	16,600,391	2,326,638	1,299,127	12,974,626
Aklan	1,113,330	3,000	17,820	1,092,510	1,019,280	1,300	12,480	1,005,500
Antique	1,166,819	1,504	43,297	1,122,018	1,067,984	12,337	44,150	1,011,497
Capiz	1,749,859	418,458	86,969	1,244,432	1,566,164	202,260	132,265	1,231,639
Guimaras	680,985	2,500	18,594	659,891	697,902	2,000	18,650	677,252
Iloilo	5,879,082	838,270	549,582	4,491,230	5,999,442	960,357	548,304	4,490,781
Negros Occidental	6,228,460	1,067,100	468,350	4,693,010	6,249,619	1,148,384	543,278	4,557,957
Central Visayas	11,893,493	2,102,662	2,216,530	7,574,301	10,982,327	2,631,389	1,915,345	6,435,593
Bohol	2,666,874	94,937	89,828	2,482,109	2,193,734	48,959	86,126	2,058,649
Cebu	6,982,344	1,819,550	2,085,790	3,077,004	6,876,446	2,374,706	1,798,765	2,702,975
Negros Oriental	1,769,452	185,337	39,960	1,544,155	1,416,935	202,924	29,103	1,184,908
Siquijor	474,823	2,838	952	471,033	495,212	4,800	1,351	489,061
Eastern Visayas	3,448,479	501,041	116,155	2,831,283	3,678,946	730,912	63,423	2,884,611
Biliran	110,888	6,500	1,388	103,000	103,850	900	..	102,950
Eastern Samar	288,902	..	350	288,552	258,843	..	..	258,843
Leyte	1,737,153	254,624	102,917	1,379,612	1,669,501	280,517	47,724	1,341,260
Northern Samar	727,930	182,150	0	545,780	1,053,187	403,977	..	649,210
Samar (Western Samar)	284,707	47,000	0	237,707	335,228	37,060	1,800	296,368
Southern Leyte	298,899	10,767	11,500	276,632	258,337	8,458	13,899	235,980
Zamboanga Peninsula	4,972,550	804,654	511,048	3,656,848	5,491,917	1,119,400	443,011	3,929,506
Zamboanga del Norte	1,454,008	60,200	30,918	1,362,890	1,545,246	57,500	30,382	1,457,364
Zamboanga del Sur	1,297,478	49,054	51,617	1,196,807	1,225,975	24,900	43,935	1,157,140
Zamboanga Sibugay	628,029	..	9,200	618,829	663,727	..	8,260	655,467
Zamboanga City	1,593,035	695,400	419,313	478,322	2,056,969	1,037,000	360,434	659,535
Northern Mindanao	11,993,510	3,593,137	3,119,854	5,280,519	12,448,793	3,714,673	2,931,900	5,802,220
Bukidnon	5,623,574	1,603,672	2,655,688	1,364,214	5,768,408	1,602,435	2,500,653	1,665,320
Camiguin	134,404	..	2,284	132,120	136,000	..	..	136,000
Lanao del Norte	1,298,325	..	40,335	1,257,990	1,342,760	..	42,335	1,300,425
Misamis Occidental	1,634,460	254,340	64,184	1,315,936	1,651,221	322,113	43,859	1,285,249
Misamis Oriental	3,302,747	1,735,125	357,363	1,210,259	3,550,404	1,790,125	345,053	1,415,226
Davao Region	8,826,417	2,016,291	1,206,721	5,603,405	8,464,238	2,170,488	1,200,448	5,093,302
Compostela Valley	1,060,244	6,000	7,514	1,046,730	1,133,571	5,400	6,160	1,122,011
Davao del Norte	1,016,395	158,030	16,985	841,380	1,267,165	361,927	15,658	889,580
Davao del Sur	1,564,829	138,000	60,036	1,366,793	1,004,727	110,000	83,017	811,710
Davao Oriental	1,258,008	46,216	42,290	1,169,502	1,156,437	23,025	49,021	1,084,391
Davao City	3,926,941	1,668,045	1,079,896	1,179,000	3,902,338	1,670,136	1,046,592	1,185,610
SOCCSKSARGEN	8,240,587	2,559,145	375,287	5,306,155	7,667,831	2,140,310	364,124	5,163,397
North Cotabato	2,489,789	450	184,235	2,305,104	2,329,297	1,500	106,620	2,221,177
Sarangani	877,163	29,200	2,270	845,693	879,099	22,000	2,549	854,550
South Cotabato	4,014,723	2,514,495	185,470	1,314,758	3,597,855	2,102,810	249,115	1,245,930
Sultan Kudarat	858,912	15,000	3,312	840,600	861,580	14,000	5,840	841,740
Caraga	2,350,289	338,900	106,487	1,904,902	2,410,271	347,000	79,658	1,983,613
Agusan del Norte	747,466	303,000	54,326	390,140	676,494	330,000	44,225	302,269
Agusan del Sur	510,253	31,900	28,111	450,242	510,170	2,000	17,560	490,610
Surigao del Norte	442,520	4,000	8,000	430,520	506,903	15,000	5,203	486,700
Surigao del Sur	650,050	0	16,050	634,000	716,704	0	12,670	704,034
Dinagat Islands	0	..	0	0	0	..	..	..
ARMM	2,367,876	0	3,150	2,364,726	2,493,979	0	1,650	2,492,329
Basilan	223,160	0	3,150	220,010	323,510	0	1,650	321,860
Lanao del Sur	759,747	0	0	759,747	509,856	0	0	509,856
Maguindanao	773,410	0	0	773,410	909,832	0	0	909,832
Sulu	486,578	0	0	486,578	585,703	0	0	585,703
Tawi-tawi	124,981	0	0	124,981	165,078	0	0	165,078

Continued

Table 2.10.2
POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION *(continued)*
2006 to 2015
(In heads)

	2010				2011			
	Total	Broilers	Layers	Native	Total	Broilers	Layers	Native
Chicken								
Philippines	158,984,322	52,213,317	28,638,913	78,132,092	162,812,901	54,753,886	31,444,301	76,614,714
NCR	0	..	0	..	0	..	0	..
CAR	1,476,291	37,500	69,593	1,369,198	1,795,315	319,374	59,147	1,416,794
Abra	433,593	2,000	540	431,053	438,861	6,374	250	432,237
Apayao	165,162	0	0	165,162	168,815	0	0	168,815
Benguet	199,306	18,000	34,378	146,928	240,545	9,000	22,442	209,103
Ifugao	336,952	16,000	34,675	286,277	620,541	304,000	35,275	281,266
Kalinga	187,425	1,500	0	185,925	176,475	0	..	176,475
Mountain Province	153,853	0	0	153,853	150,078	0	1,180	148,898
Ilocos Region	11,262,459	4,062,404	858,286	6,341,769	10,551,870	3,641,998	772,637	6,137,235
Ilocos Norte	1,402,375	260,272	295,506	846,597	1,448,736	308,057	244,229	896,450
Ilocos Sur	1,343,690	176,980	23,705	1,143,005	1,099,880	137,480	23,765	938,635
La Union	1,618,386	596,800	93,217	928,369	1,616,666	586,318	94,794	935,554
Pangasinan	6,898,008	3,028,352	445,858	3,423,798	6,386,588	2,610,143	409,849	3,366,596
Cagayan Valley	5,566,730	817,695	365,285	4,383,750	7,582,173	2,709,298	439,217	4,433,658
Batanes	0	..	..	..	0	..	..	..
Cagayan	2,141,909	162,500	60,460	1,918,949	2,234,575	262,650	30,000	1,941,925
Isabela	2,107,889	458,360	235,875	1,413,654	3,939,651	2,290,050	288,781	1,360,820
Nueva Vizcaya	865,582	179,500	33,500	652,582	924,581	128,177	77,050	719,354
Quirino	451,350	17,335	35,450	398,565	483,366	28,421	43,386	411,559
Central Luzon	29,337,156	17,111,740	5,731,686	6,493,730	30,281,078	16,800,265	7,094,533	6,386,280
Aurora	163,694	2,150	1,725	159,819	126,812	2,980	..	123,832
Bataan	4,279,523	3,723,650	126,000	429,873	5,258,514	4,642,600	127,300	488,614
Bulacan	5,359,819	2,713,062	2,282,549	364,208	5,722,945	2,931,979	2,469,054	321,912
Nueva Ecija	7,136,650	4,960,980	377,850	1,797,820	8,227,737	5,653,783	400,712	2,173,242
Pampanga	6,018,877	1,959,776	2,146,340	1,912,761	6,568,036	1,873,468	3,165,824	1,528,744
Tarlac	4,836,108	3,304,622	773,002	758,484	2,948,468	1,107,370	905,903	935,195
Zambales	1,542,485	447,500	24,220	1,070,765	1,428,566	588,085	25,740	814,741
CALABARZON	25,834,052	11,826,590	11,114,487	2,892,975	28,360,113	13,407,683	12,250,951	2,701,479
Batangas	10,619,123	3,219,812	6,121,998	1,277,313	10,821,537	2,744,073	6,889,030	1,188,434
Cavite	2,786,288	1,985,583	634,658	166,047	2,551,070	1,846,432	607,002	97,636
Laguna	2,423,260	1,912,053	284,811	226,396	3,016,510	2,407,792	413,038	195,680
Quezon	3,534,041	1,810,900	614,165	1,108,976	4,775,300	3,030,300	633,100	1,111,900
Rizal	6,471,340	2,898,242	3,458,855	114,243	7,195,696	3,379,086	3,708,781	107,829
MIMAROPA	3,401,636	175,536	68,109	3,157,991	3,459,357	211,627	63,242	3,184,488
Marinduque	111,008	2,251	11,073	97,684	111,275	2,138	11,297	97,840
Occidental Mindoro	577,125	0	15,854	561,271	528,651	..	16,972	511,679
Oriental Mindoro	504,196	152,354	6,882	344,960	485,564	135,470	2,900	347,194
Palawan	1,635,302	20,931	34,300	1,580,071	1,819,017	74,019	32,073	1,712,925
Romblon	574,005	0	0	574,005	514,850	..	..	514,850
Bicol Region	7,518,045	797,094	977,114	5,743,837	7,237,322	1,059,213	928,453	5,249,656
Albay	1,443,204	91,500	113,062	1,238,642	1,472,118	116,000	107,952	1,248,166
Camarines Norte	422,790	27,624	0	395,166	295,566	21,000	735	273,831
Camarines Sur	2,964,364	659,970	812,244	1,492,150	2,902,904	823,750	776,128	1,303,026
Catanduanes	530,900	0	0	530,900	523,942	..	..	523,942
Masbate	1,688,229	0	0	1,688,229	1,509,532	34,815	..	1,474,717
Sorsogon	468,558	18,000	51,808	398,750	533,260	63,648	43,638	425,974
Western Visayas	17,905,928	2,956,512	1,505,052	13,444,364	18,135,332	3,500,932	1,601,488	13,032,912
Aklan	1,140,372	1,500	7,165	1,131,707	1,116,629	2,000	7,200	1,107,429
Antique	1,060,569	3,200	44,680	1,012,689	1,056,402	1,000	52,299	1,003,103
Capiz	1,882,633	420,030	322,514	1,140,089	2,176,162	598,120	392,554	1,185,488
Guimaras	664,775	5,000	22,965	636,810	629,329	5,000	24,700	599,629
Iloilo	6,635,553	1,233,738	551,615	4,850,200	6,423,262	1,434,732	557,936	4,430,594
Negros Occidental	6,522,026	1,293,044	556,113	4,672,869	6,733,548	1,460,080	566,799	4,706,669
Central Visayas	11,414,464	2,309,475	2,436,471	6,668,518	12,199,000	2,604,226	2,535,086	7,059,688
Bohol	2,098,825	186,120	97,105	1,815,600	2,242,716	212,500	92,079	1,938,137
Cebu	7,090,288	1,957,564	2,306,084	2,826,640	7,372,446	2,221,457	2,418,679	2,732,310
Negros Oriental	1,732,010	164,419	31,901	1,535,690	2,109,467	169,220	21,700	1,918,547
Siquijor	493,341	1,372	1,381	490,588	474,371	1,049	2,628	470,694
Eastern Visayas	3,929,021	1,200,759	158,449	2,569,813	4,380,937	1,435,889	80,542	2,864,506
Biliran	122,337	1,437	400	120,500	121,620	15,105	500	106,015
Eastern Samar	261,865	0	0	261,865	219,926	586	..	219,340
Leyte	2,260,286	1,063,094	139,114	1,058,078	2,626,254	1,281,740	62,102	1,282,412
Northern Samar	652,464	126,400	0	526,064	729,928	96,362	..	633,566
Samar (Western Samar)	244,255	3,312	1,500	239,443	292,433	34,704	1,600	256,129
Southern Leyte	387,814	6,516	17,435	363,863	390,776	7,392	16,340	367,044
Zamboanga Peninsula	5,751,805	1,040,641	511,216	4,199,948	5,126,753	1,063,557	492,391	3,570,805
Zamboanga del Norte	1,661,534	40	44,790	1,616,704	1,483,647	7,100	46,539	1,430,008
Zamboanga del Sur	1,316,536	54,800	40,500	1,221,236	879,803	37,257	16,150	826,396
Zamboanga Sibugay	691,343	0	3,551	687,792	638,922	0	5,663	633,259
Zamboanga City	2,082,392	985,801	422,375	674,216	2,124,381	1,019,200	424,039	681,142
Northern Mindanao	14,581,674	5,579,050	3,087,352	5,915,272	13,287,102	4,082,812	3,128,947	6,075,343
Bukidnon	6,046,000	1,750,000	2,530,500	1,765,500	5,664,795	1,263,795	2,550,500	1,850,500
Camiguin	140,200	0	0	140,200	144,087	..	1,323	142,764
Lanao del Norte	1,354,140	0	31,600	1,322,540	1,517,490	4,600	20,500	1,492,390
Misamis Occidental	1,721,742	329,050	50,592	1,342,100	1,968,580	662,100	51,915	1,254,565
Misamis Oriental	5,319,592	3,500,000	474,660	1,344,932	3,992,150	2,152,317	504,709	1,335,124
Davao Region	8,494,726	1,892,953	1,260,364	5,341,409	8,881,456	1,921,273	1,409,491	5,550,692
Compostela Valley	1,041,320	0	4,012	1,037,308	1,046,114	0	4,529	1,041,585
Davao del Norte	1,215,255	319,225	15,355	880,675	1,036,180	158,430	12,320	865,430
Davao del Sur	1,603,669	417,743	77,749	1,108,177	1,533,533	202,247	58,529	1,272,757
Davao Oriental	985,565	11,700	48,488	925,377	1,001,860	6,800	42,088	952,972
Davao City	3,648,917	1,144,285	1,114,760	1,389,872	4,263,769	1,553,796	1,292,025	1,417,948
SOCCSKSARGEN	7,435,096	2,062,697	404,833	4,967,566	6,918,720	1,671,865	504,829	4,742,026
North Cotabato	2,122,670	1,800	120,810	2,000,060	1,940,951	1,500	114,500	1,824,951
Sarangani	957,820	100,000	820	857,000	912,130	102,000	2,130	808,000
South Cotabato	3,411,564	1,902,297	280,303	1,228,964	3,244,992	1,568,365	385,450	1,291,177
Sultan Kudarat	943,042	58,600	2,900	881,542	820,647	0	2,749	817,898
Caraga	2,302,916	342,671	89,916	1,870,329	2,014,676	323,874	82,547	1,608,255
Agusan del Norte	813,159	281,167	58,200	473,792	766,390	293,500	52,630	420,260
Agusan del Sur	536,412	42,804	17,860	475,748	465,983	21,885	7,858	436,240
Surigao del Norte	414,064	18,000	7,306	388,758	418,728	7,902	11,206	399,620
Surigao del Sur	483,511	700	6,550	476,261	363,575	587	10,853	352,135
Dinagat Islands	55,770	0	0	55,770	0	0	..	0
ARMM	2,772,323	0	700	2,771,623	2,601,697	0	800	2,600,897
Basilan	302,800	0	700	302,100	243,194	0	800	242,394
Lanao del Sur	929,448	0	0	929,448	1,089,017	0	0	1,089,017
Maguindanao	774,575	0	0	774,575	480,867	0	0	480,867
Sulu	582,822	0	0	582,822	602,870	0	0	602,870
Tawi-tawi	182,678	0	0	182,678	185,749	0	0	185,749

	2012				2013			
	Total	Broilers	Layers	Native	Total	Broilers	Layers	Native
Chicken								
Philippines	164,192,253	57,284,153	31,523,802	75,384,298	166,386,275	59,196,045	32,002,512	75,187,718
NCR	0	..	0	..	0	..	0	..
CAR	1,523,099	3,141	61,079	1,458,879	1,617,348	4,898	70,654	1,541,796
Abra	447,178	3,141	0	444,037	441,181	4,898	0	436,283
Apayao	169,054	0	0	169,054	179,712	0	0	179,712
Benguet	244,855	0	21,861	222,994	290,894	0	33,803	257,091
Ifugao	326,413	0	37,218	289,195	322,856	0	34,891	287,965
Kalinga	182,766	0	0	182,766	229,484	0	0	229,484
Mountain Province	152,833	0	2,000	150,833	153,221	0	1,960	151,261
Ilocos Region	10,113,032	3,521,787	705,774	5,885,471	11,799,968	5,064,493	695,546	6,039,929
Ilocos Norte	1,252,073	174,751	215,849	861,473	1,599,682	427,652	228,830	943,200
Ilocos Sur	971,899	126,864	23,930	821,105	995,330	129,840	24,600	840,890
La Union	1,342,854	360,386	102,235	880,233	1,480,237	488,215	99,472	892,550
Pangasinan	6,546,206	2,859,786	363,760	3,322,660	7,724,719	4,018,786	342,644	3,363,289
Cagayan Valley	7,459,123	2,802,870	375,750	4,280,503	7,752,153	2,574,854	446,888	4,730,411
Batanes	0	0	0	..	0	0	0	0
Cagayan	2,159,794	309,450	25,175	1,825,169	2,470,912	327,653	37,008	2,106,251
Isabela	3,944,193	2,226,200	267,650	1,450,343	3,971,071	2,094,400	309,960	1,566,711
Nueva Vizcaya	926,883	238,770	29,000	659,113	789,485	92,836	34,200	662,449
Quirino	428,253	28,450	53,925	345,878	520,685	59,965	65,720	395,000
Central Luzon	28,236,486	15,273,759	6,931,878	6,030,849	29,988,306	16,570,553	7,296,887	6,120,866
Aurora	109,680	2,950	0	106,730	124,134	11,432	0	112,702
Bataan	4,208,041	3,731,793	140,855	335,393	4,092,479	3,585,302	160,000	347,177
Bulacan	5,296,422	2,536,539	2,401,694	358,189	4,950,841	2,088,857	2,531,266	330,718
Nueva Ecija	6,183,255	3,775,450	379,995	2,027,810	6,454,314	3,694,658	407,827	2,351,829
Pampanga	8,202,038	3,499,843	3,290,252	1,411,943	9,858,191	5,028,027	3,516,689	1,313,475
Tarlac	3,050,632	1,278,270	694,208	1,078,154	3,255,368	1,574,720	678,605	1,002,043
Zambales	1,186,418	448,914	24,874	712,630	1,252,979	587,557	2,500	662,922
CALABARZON	28,260,078	12,588,202	13,009,356	2,662,520	26,421,259	11,011,336	12,754,962	2,654,961
Batangas	10,933,291	2,698,378	6,962,595	1,272,318	10,958,093	2,591,292	7,069,036	1,297,765
Cavite	2,361,236	1,750,000	509,456	101,780	2,119,192	1,552,857	453,875	112,460
Laguna	2,962,198	2,408,400	430,296	123,502	2,716,115	2,177,137	438,291	100,687
Quezon	4,784,850	3,040,500	633,500	1,110,850	4,813,869	3,050,250	632,100	1,131,519
Rizal	7,218,503	2,690,924	4,473,509	54,070	5,813,990	1,639,800	4,161,660	12,530
MIMAROPA	3,601,931	235,570	66,320	3,300,041	3,627,533	198,524	60,539	3,368,470
Marinduque	111,886	2,117	10,676	99,093	113,993	2,898	8,638	102,457
Occidental Mindoro	440,498	0	16,051	424,447	373,274	0	16,595	356,679
Oriental Mindoro	502,331	130,779	7,693	363,859	480,743	109,506	10,955	360,282
Palawan	2,000,503	77,173	31,900	1,891,430	2,126,373	65,664	24,351	2,036,358
Romblon	546,713	25,501	0	521,212	533,150	20,456	0	512,694
Bicol Region	6,699,831	1,329,911	961,275	4,408,645	6,443,666	1,513,044	978,642	3,951,980
Albay	1,170,046	124,546	104,593	940,907	1,142,333	92,399	110,128	939,806
Camarines Norte	395,800	20,000	0	375,800	380,700	0	0	380,700
Camarines Sur	3,084,812	1,106,574	804,998	1,173,240	3,124,654	1,306,722	820,239	997,693
Catanduanes	342,446	0	684	341,762	56,484	0	3,398	53,086
Masbate	1,138,273	35,841	0	1,102,432	1,000,127	37,708	0	962,419
Sorsogon	568,454	42,950	51,000	474,504	739,368	76,215	44,877	618,276
Western Visayas	18,527,002	3,600,453	1,659,026	13,267,523	19,506,992	4,252,158	1,747,388	13,507,446
Aklan	1,038,622	3,550	11,790	1,023,282	1,036,184	3,500	13,062	1,019,622
Antique	1,072,725	2,500	40,025	1,030,200	1,065,665	1,315	52,179	1,012,171
Capiz	2,256,990	711,400	451,629	1,093,961	2,520,771	939,000	506,790	1,074,981
Guimaras	444,116	6,000	25,000	413,116	433,062	6,000	26,550	400,512
Iloilo	6,825,145	1,327,142	556,041	4,941,962	7,432,234	1,731,184	565,884	5,135,166
Negros Occidental	6,889,404	1,549,861	574,541	4,765,002	7,019,076	1,571,159	582,923	4,864,994
Central Visayas	12,541,819	2,868,682	2,437,685	7,235,452	12,781,695	2,917,672	2,469,264	7,394,759
Bohol	2,540,392	529,980	99,480	1,910,932	2,884,670	764,360	135,836	1,984,474
Cebu	7,431,025	2,184,969	2,312,696	2,933,360	7,368,082	2,018,753	2,309,102	3,040,227
Negros Oriental	2,074,130	150,483	22,592	1,901,055	2,049,029	133,207	20,753	1,895,069
Siquijor	496,272	3,250	2,917	490,105	479,914	1,352	3,573	474,989
Eastern Visayas	3,821,120	1,728,381	120,675	1,972,064	3,076,894	1,233,891	130,922	1,712,081
Biliran	118,246	24,241	0	94,005	121,405	0	1,360	120,045
Eastern Samar	175,200	5,000	0	170,200	184,150	5,200	0	178,950
Leyte	2,431,232	1,555,585	60,871	814,776	1,794,771	1,109,931	53,039	631,801
Northern Samar	348,789	59,105	0	289,684	233,002	63,850	0	169,152
Samar (Western Samar)	376,261	40,300	36,850	299,111	401,388	49,000	43,000	309,388
Southern Leyte	371,392	44,150	22,954	304,288	342,178	5,910	33,523	302,745
Zamboanga Peninsula	5,181,302	1,376,208	395,071	3,410,023	5,204,205	1,503,024	287,996	3,413,185
Zamboanga del Norte	1,481,145	3,205	30,790	1,447,150	1,596,845	4,724	26,837	1,565,284
Zamboanga del Sur	723,879	65,403	16,992	641,484	731,619	60,800	23,000	647,819
Zamboanga Sibugay	631,369	0	2,250	629,119	588,191	0	1,670	586,521
Zamboanga City	2,344,909	1,307,600	345,039	692,270	2,287,550	1,437,500	236,489	613,561
Northern Mindanao	19,296,971	8,866,291	3,126,881	7,303,799	19,151,013	8,517,220	3,219,097	7,414,696
Bukidnon	8,058,598	2,495,856	2,580,365	2,982,377	7,654,850	2,255,500	2,548,850	2,850,500
Camiguin	156,730	500	700	155,530	153,730	1,450	0	152,280
Lanao del Norte	1,395,600	5,200	58,100	1,332,300	1,485,404	12,500	62,394	1,410,510
Misamis Occidental	2,117,594	672,418	62,512	1,382,664	2,204,556	732,770	47,643	1,424,143
Misamis Oriental	7,568,449	5,692,317	425,204	1,450,928	7,652,473	5,515,000	560,210	1,577,263
Davao Region	8,384,020	1,649,022	1,136,751	5,598,247	8,579,356	2,038,968	1,295,860	5,244,528
Compostela Valley	1,045,124	0	6,745	1,038,379	1,014,489	0	2,000	1,012,489
Davao del Norte	1,479,443	125,860	10,925	1,342,658	1,200,083	243,530	76,093	880,460
Davao del Sur	1,153,362	220,166	60,956	872,240	1,692,792	329,387	77,617	1,285,788
Davao Oriental	993,699	7,200	43,700	942,799	856,550	17,396	33,790	805,364
Davao City	3,712,392	1,295,796	1,014,425	1,402,171	3,815,442	1,448,655	1,106,360	1,260,427
SOCCSKSARGEN	6,453,983	1,273,723	431,599	4,748,661	6,601,676	1,633,084	438,220	4,530,372
North Cotabato	2,038,332	1,200	118,764	1,918,368	1,893,819	2,400	106,800	1,784,619
Sarangani	923,900	105,000	1,900	817,000	905,000	90,000	0	815,000
South Cotabato	2,711,072	1,167,523	310,935	1,232,614	3,067,517	1,540,684	331,420	1,195,413
Sultan Kudarat	780,679	0	0	780,679	735,340	0	0	735,340
Caraga	1,655,629	166,153	100,682	1,388,794	1,653,099	161,826	105,457	1,385,816
Agusan del Norte	557,750	100,200	58,150	399,400	590,569	115,000	62,955	412,614
Agusan del Sur	446,093	56,428	8,765	380,900	459,104	37,121	15,653	406,330
Surigao del Norte	274,892	7,000	10,520	257,372	228,987	600	2,565	225,822
Surigao del Sur	327,464	1,500	23,247	302,717	327,059	6,205	24,284	296,570
Dinagat Islands	49,430	1,025	0	48,405	47,380	2,900	0	44,480
ARMM	2,436,827	0	4,000	2,432,827	2,181,112	500	4,190	2,176,422
Basilan	261,280	0	850	260,430	290,554	500	800	289,254
Lanao del Sur	1,082,372	0	0	1,082,372	944,480	0	0	944,480
Maguindanao	367,573	0	3,150	364,423	253,434	0	3,390	250,044
Sulu	537,740	0	0	537,740	502,885	0	0	502,885
Tawi-tawi	187,862	0	0	187,862	189,759	0	0	189,759

Continued

Table 2.10.2
POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION *(continued)*
2006 to 2015
(In heads)

	2014				2015			
	Total	Broilers	Layers	Native	Total	Broilers	Layers	Native
Chicken								
Philippines	167,671,053	61,582,178	30,006,758	76,082,117	176,469,099	66,616,937	31,253,663	78,598,499
NCR	0	..	0	..	0	..	...	...
CAR	1,518,028	1,008	80,021	1,436,999	1,583,046	28,494	138,196	1,416,356
Abra	339,160	1,008	0	338,152	279,754	4,494	0	275,260
Apayao	178,176	0	0	178,176	203,163	24,000	0	179,163
Benguet	241,660	0	28,721	212,939	211,293	0	29,314	181,979
Ifugao	335,754	0	43,350	292,404	454,162	0	86,812	367,350
Kalinga	263,600	0	0	263,600	269,068	0	11,300	257,768
Mountain Province	159,678	0	7,950	151,728	165,606	0	10,770	154,836
Ilocos Region	11,028,928	4,809,720	430,865	5,788,343	11,520,786	5,181,634	439,598	5,899,554
Ilocos Norte	1,522,634	445,426	177,192	900,016	1,510,628	400,331	200,164	910,133
Ilocos Sur	955,728	102,184	18,767	834,777	1,105,875	260,632	29,080	816,163
La Union	1,530,387	455,537	122,406	952,444	1,625,282	435,952	120,979	1,068,351
Pangasinan	7,020,179	3,806,573	112,500	3,101,106	7,279,001	4,084,719	89,375	3,104,907
Cagayan Valley	6,345,269	1,193,668	497,588	4,654,013	6,813,966	1,730,882	485,074	4,598,010
Batanes	13,187	26	4,001	9,160	13,572	765	3,011	9,796
Cagayan	2,304,026	218,100	26,990	2,058,936	2,407,963	313,661	29,000	2,065,302
Isabela	2,619,425	858,400	354,197	1,406,828	2,908,587	1,277,972	323,337	1,307,278
Nueva Vizcaya	727,325	51,000	31,900	644,425	822,301	90,000	42,530	689,771
Quirino	681,306	66,142	80,500	534,664	661,543	48,484	87,196	525,863
Central Luzon	32,981,916	18,630,455	7,555,617	6,795,844	34,682,958	18,734,189	8,252,220	7,696,549
Aurora	125,092	11,460	0	113,632	125,375	11,700	0	113,675
Bataan	4,452,121	3,873,835	172,000	406,286	4,734,029	4,130,627	193,000	410,402
Bulacan	5,233,259	2,329,314	2,572,545	331,400	5,725,683	2,404,453	2,893,598	427,632
Nueva Ecija	6,664,574	3,729,530	404,149	2,530,895	7,802,169	4,546,550	434,088	2,821,531
Pampanga	10,631,968	5,516,640	3,661,257	1,454,071	9,807,603	3,995,890	3,875,322	1,936,391
Tarlac	4,553,564	2,558,640	739,821	1,255,103	4,699,121	2,765,412	847,302	1,086,407
Zambales	1,321,338	611,036	5,845	704,457	1,788,978	879,557	8,910	900,511
CALABARZON	27,950,240	13,638,790	11,639,858	2,671,592	27,251,093	12,984,104	11,373,100	2,893,889
Batangas	11,623,427	2,675,386	7,625,856	1,322,185	12,818,692	3,318,950	8,186,556	1,313,186
Cavite	1,898,640	1,305,517	480,000	113,123	1,415,646	848,586	457,060	110,000
Laguna	2,746,802	2,323,516	334,502	88,784	2,848,797	2,372,460	394,934	81,403
Quezon	4,824,604	3,057,604	631,500	1,135,500	4,941,558	3,243,908	335,050	1,362,600
Rizal	6,856,767	4,276,767	2,568,000	12,000	5,226,400	3,200,200	1,999,500	26,700
MIMAROPA	3,724,313	156,201	55,561	3,512,551	4,079,667	235,788	99,490	3,744,389
Marinduque	98,121	2,806	6,550	88,765	97,764	7,232	5,413	85,119
Occidental Mindoro	413,921	0	16,570	397,351	539,685	0	16,404	523,281
Oriental Mindoro	416,016	61,204	8,941	345,871	554,147	159,112	53,773	341,262
Palawan	2,273,003	70,175	23,500	2,179,328	2,351,363	46,147	23,900	2,281,316
Romblon	523,252	22,016	0	501,236	536,708	23,297	0	513,411
Bicol Region	8,282,457	3,191,300	916,076	4,175,081	8,201,612	3,040,308	861,776	4,299,528
Albay	1,374,036	207,500	105,307	1,061,229	1,319,326	89,500	105,669	1,124,157
Camarines Norte	399,676	0	0	399,676	436,578	30,368	0	406,210
Camarines Sur	4,736,980	2,890,933	761,115	1,084,932	4,741,480	2,824,298	708,587	1,208,595
Catanduanes	60,677	700	3,004	56,973	64,081	0	2,131	61,950
Masbate	869,991	35,267	0	834,724	812,719	36,142	0	776,577
Sorsogon	841,097	56,900	46,650	737,547	827,428	60,000	45,389	722,039
Western Visayas	18,900,685	3,632,810	1,770,389	13,497,486	19,623,500	4,931,079	1,554,494	13,137,927
Aklan	1,031,712	3,949	15,155	1,012,608	773,711	1,000	3,650	769,061
Antique	1,062,998	1,005	70,089	991,904	1,100,430	3,385	68,834	1,028,211
Capiz	2,065,185	519,530	510,710	1,034,945	2,477,065	855,440	275,700	1,345,925
Guimaras	475,914	2,400	30,300	443,214	451,848	0	26,800	425,048
Iloilo	7,277,858	1,673,884	557,514	5,046,460	7,281,966	2,342,079	585,590	4,354,297
Negros Occidental	6,987,018	1,432,042	586,621	4,968,355	7,538,480	1,729,175	593,920	5,215,385
Central Visayas	11,735,672	2,902,906	1,503,045	7,329,721	12,739,410	3,442,059	2,139,779	7,157,572
Bohol	2,827,917	700,135	168,120	1,959,662	3,076,710	890,620	212,556	1,973,534
Cebu	6,268,225	2,035,444	1,316,492	2,916,289	6,938,874	2,127,231	1,896,993	2,914,650
Negros Oriental	2,151,578	165,574	16,748	1,969,256	2,206,841	424,208	20,254	1,762,379
Siquijor	487,952	1,753	1,685	484,514	516,985	0	9,976	507,009
Eastern Visayas	1,619,983	262,540	117,534	1,239,909	1,736,252	279,717	100,547	1,355,988
Biliran	103,349	300	3,045	100,004	126,336	950	3,830	121,556
Eastern Samar	97,549	0	0	97,549	76,491	0	1,000	75,491
Leyte	465,929	103,570	47,420	314,939	527,756	98,365	43,625	385,766
Northern Samar	211,349	72,886	0	138,463	210,337	73,286	0	137,051
Samar (Western Samar)	404,303	80,350	33,453	290,500	454,011	96,200	21,026	336,785
Southern Leyte	337,504	5,434	33,616	298,454	341,321	10,916	31,066	299,339
Zamboanga Peninsula	5,059,850	1,065,114	386,191	3,608,545	5,492,561	1,205,995	472,373	3,814,193
Zamboanga del Norte	1,680,649	3,400	16,250	1,660,999	1,813,413	3,300	66,773	1,743,340
Zamboanga del Sur	861,074	67,200	20,500	773,374	950,640	69,995	6,100	874,545
Zamboanga Sibugay	591,942	0	1,256	590,686	592,872	0	0	592,872
Zamboanga City	1,926,185	994,514	348,185	583,486	2,135,636	1,132,700	399,500	603,436
Northern Mindanao	18,450,138	7,644,910	3,234,762	7,570,466	18,566,229	7,729,669	3,238,760	7,597,800
Bukidnon	7,904,620	2,453,550	2,500,570	2,950,500	7,624,700	2,250,750	2,523,500	2,850,450
Camiguin	152,470	500	1,920	150,050	162,249	649	2,000	159,600
Lanao del Norte	1,500,477	2,000	57,857	1,440,620	1,662,870	6,000	52,300	1,604,570
Misamis Occidental	2,179,571	648,860	81,415	1,449,296	2,386,077	893,470	72,257	1,420,350
Misamis Oriental	6,713,000	4,540,000	593,000	1,580,000	6,730,333	4,578,800	588,703	1,562,830
Davao Region	10,187,776	2,865,234	1,188,285	6,134,257	13,185,601	4,825,211	1,352,205	7,008,185
Compostela Valley	1,075,952	11,900	25,600	1,038,452	1,184,372	26,580	15,602	1,142,190
Davao del Norte	1,459,825	354,210	47,635	1,057,980	1,883,495	225,415	50,210	1,607,870
Davao del Sur	1,530,108	73,600	65,857	1,390,651	2,363,532	572,791	49,579	1,741,162
Davao Oriental	804,434	15,255	30,040	759,139	810,802	15,150	28,000	767,652
Davao City	5,317,457	2,410,269	1,019,153	1,888,035	6,943,400	3,985,275	1,208,814	1,749,311
SOCCSKSARGEN	6,099,112	1,366,566	452,528	4,280,018	6,818,690	1,882,349	472,109	4,464,232
North Cotabato	1,715,383	8,300	127,428	1,579,655	2,051,836	11,300	135,788	1,904,748
Sarangani	916,500	102,000	0	814,500	918,000	118,000	0	800,000
South Cotabato	2,728,408	1,252,766	325,100	1,150,542	3,193,702	1,749,049	336,321	1,108,332
Sultan Kudarat	738,821	3,500	0	735,321	655,152	4,000	0	651,152
Caraga	1,774,267	220,956	174,189	1,379,122	2,074,940	385,459	270,242	1,419,239
Agusan del Norte	575,349	95,000	63,149	417,200	791,823	261,723	113,300	416,800
Agusan del Sur	601,201	116,121	64,240	420,840	661,337	119,133	116,249	425,955
Surigao del Norte	239,839	3,890	26,821	209,128	231,973	1,000	22,273	208,700
Surigao del Sur	315,069	5,100	16,694	293,275	339,439	3,000	11,858	324,581
Dinagat Islands	42,809	845	3,285	38,679	50,368	603	6,562	43,203
ARMM	2,012,419	0	4,249	2,008,170	2,098,788	0	3,700	2,095,088
Basilan	332,016	0	1,300	330,716	326,603	0	900	325,703
Lanao del Sur	754,047	0	0	754,047	825,482	0	0	825,482
Maguindanao	230,414	0	2,949	227,465	218,771	0	2,800	215,971
Sulu	507,644	0	0	507,644	528,407	0	0	528,407
Tawi-tawi	188,298	0	0	188,298	199,525	0	0	199,525

	2006			2007			2008		
	Total	**Backyard**	**Commer-cial**	**Total**	**Backyard**	**Commer-cial**	**Total**	**Backyard**	**Commer-cial**
Duck									
Philippines	11,146,745	8,548,330	2,598,415	10,161,581	7,402,896	2,758,685	10,508,205	7,574,061	2,934,144
NCR	..	..	..	..	..	..	..	..	..
CAR	222,208	222,158	50	217,934	217,904	30	205,122	204,322	800
Abra	13,826	13,826	0	9,908	9,908	0	10,257	10,257	0
Apayao	13,029	13,029	0	45,645	45,645	0	24,069	23,269	800
Benguet	7,480	7,480	0	7,706	7,706	0	9,632	9,632	0
Ifugao	104,708	104,708	0	76,106	76,106	0	76,106	76,106	0
Kalinga	78,229	78,179	50	72,587	72,557	30	79,846	79,846	0
Mountain Province	4,936	4,936	0	5,982	5,982	0	5,212	5,212	0
Ilocos Region	314,558	271,222	43,336	334,109	298,331	35,778	339,787	291,101	48,686
Ilocos Norte	21,770	21,770	0	32,658	26,940	5,718	33,288	32,328	960
Ilocos Sur	2,340	2,340	0	16,740	12,610	4,130	16,800	12,800	4,000
La Union	50,310	50,310	0	42,091	41,591	500	42,042	41,600	442
Pangasinan	240,138	196,802	43,336	242,620	217,190	25,430	247,657	204,373	43,284
Cagayan Valley	1,347,928	1,157,623	190,305	1,404,713	1,147,320	257,393	1,373,300	1,133,983	239,317
Batanes	0	..	..	0	..	..	0	..	..
Cagayan	267,925	241,510	26,415	367,001	233,745	133,256	342,612	214,653	127,959
Isabela	640,446	485,583	154,863	615,455	495,234	120,221	541,826	442,732	99,094
Nueva Vizcaya	215,351	206,934	8,417	177,089	173,774	3,315	174,414	163,622	10,792
Quirino	224,206	223,596	610	245,168	244,567	601	314,448	312,976	1,472
Central Luzon	2,632,414	1,418,530	1,213,884	2,382,657	1,039,991	1,342,666	2,364,249	993,236	1,371,013
Aurora	48,990	48,435	555	45,924	43,419	2,505	42,419	39,154	3,265
Bataan	41,333	37,783	3,550	69,465	44,500	24,965	97,758	44,500	53,258
Bulacan	355,137	256,137	99,000	262,070	171,550	90,520	278,061	185,661	92,400
Nueva Ecija	455,635	297,627	158,008	421,406	268,506	152,900	399,714	242,420	157,294
Pampanga	1,180,303	336,324	843,979	1,004,351	80,984	923,367	1,022,124	87,263	934,861
Tarlac	508,354	413,419	94,935	560,360	420,650	139,710	510,300	384,150	126,150
Zambales	42,662	28,805	13,857	19,081	10,382	8,699	13,873	10,088	3,785
CALABARZON	981,556	260,239	721,317	865,646	209,481	656,165	902,776	196,402	706,374
Batangas	78,385	73,662	4,723	56,173	52,696	3,477	66,743	50,743	16,000
Cavite	26,741	18,544	8,197	23,150	14,694	8,456	25,943	12,847	13,096
Laguna	702,486	68,933	633,553	566,427	55,093	511,334	595,271	50,564	544,707
Quezon	66,944	48,200	18,744	109,200	46,800	62,400	115,120	47,560	67,560
Rizal	107,000	50,900	56,100	110,696	40,198	70,498	99,699	34,688	65,011
MIMAROPA	125,254	119,524	5,730	128,175	116,298	11,877	164,606	144,741	19,865
Marinduque	4,978	4,978	0	3,526	3,526	0	4,614	4,614	0
Occidental Mindoro	80,768	80,768	0	78,713	78,713	0	80,287	80,287	0
Oriental Mindoro	10,490	4,760	5,730	16,875	4,998	11,877	30,822	10,957	19,865
Palawan	23,164	23,164	0	23,350	23,350	0	42,822	42,822	0
Romblon	5,854	5,854	0	5,711	5,711	0	6,061	6,061	0
Bicol Region	292,038	215,440	76,598	274,422	201,738	72,684	310,523	226,587	83,936
Albay	111,571	84,217	27,354	96,926	71,795	25,131	68,406	49,064	19,342
Camarines Norte	53,865	31,796	22,069	40,281	22,184	18,097	43,191	28,941	14,250
Camarines Sur	56,091	33,656	22,435	68,097	44,182	23,915	136,016	89,714	46,302
Catanduanes	11,674	11,674	0	7,647	7,647	0	7,590	7,590	0
Masbate	14,743	14,743	0	15,016	15,016	0	11,892	11,892	0
Sorsogon	44,094	39,354	4,740	46,455	40,914	5,541	43,428	39,386	4,042
Western Visayas	1,501,980	1,453,733	48,247	1,530,243	1,480,816	49,427	1,473,100	1,421,895	51,205
Aklan	74,875	70,690	4,185	71,362	67,510	3,852	71,350	67,850	3,500
Antique	226,295	197,552	28,743	220,741	191,647	29,094	209,777	178,377	31,400
Capiz	160,340	160,340	0	169,562	169,562	0	147,448	147,153	295
Guimaras	29,836	29,836	0	25,011	25,011	0	22,660	22,660	0
Iloilo	622,865	616,915	5,950	621,375	615,556	5,819	620,955	615,235	5,720
Negros Occidental	387,769	378,400	9,369	422,192	411,530	10,662	400,910	390,620	10,290
Central Visayas	117,853	116,045	1,808	116,909	112,324	4,585	131,777	127,965	3,812
Bohol	21,856	21,856	0	23,000	21,695	1,305	26,364	26,364	0
Cebu	21,219	21,219	0	28,209	28,209	0	28,890	28,890	0
Negros Oriental	73,276	71,468	1,808	64,424	61,144	3,280	75,362	71,550	3,812
Siquijor	1,502	1,502	0	1,276	1,276	0	1,161	1,161	0
Eastern Visayas	445,903	400,572	45,331	233,787	194,859	38,928	489,818	398,180	91,638
Biliran	14,009	14,009	0	8,692	7,688	1,004	8,444	7,004	1,440
Eastern Samar	9,408	9,408	0	8,588	8,588	0	7,346	7,346	0
Leyte	317,989	279,555	38,434	155,213	128,762	26,451	409,919	327,859	82,060
Northern Samar	73,912	73,912	0	39,475	39,475	0	40,464	40,464	0
Samar (Western Samar)	8,950	8,950	0	13,312	8,129	5,183	14,713	14,713	0
Southern Leyte	21,635	14,738	6,897	8,507	2,217	6,290	8,932	794	8,138
Zamboanga Peninsula	295,281	291,190	4,091	242,254	221,208	21,046	171,306	154,082	17,224
Zamboanga del Norte	19,976	19,976	0	38,017	36,181	1,836	29,330	26,585	2,745
Zamboanga del Sur	114,000	111,309	2,691	60,841	59,501	1,340	30,006	25,506	4,500
Zamboanga Sibugay	151,500	150,100	1,400	133,991	116,121	17,870	99,470	89,891	9,579
Zamboanga City	9,805	9,805	0	9,405	9,405	0	12,500	12,100	400
Northern Mindanao	324,079	260,210	63,869	291,675	209,419	82,256	285,311	201,802	83,509
Bukidnon	253,576	189,964	63,612	206,439	127,403	79,036	198,406	118,725	79,681
Camiguin	2,353	2,353	0	2,605	2,605	0	1,968	1,968	0
Lanao del Norte	32,084	31,827	257	47,408	44,188	3,220	46,446	44,693	1,753
Misamis Occidental	22,584	22,584	0	23,131	23,131	0	23,226	23,226	0
Misamis Oriental	13,482	13,482	0	12,092	12,092	0	15,265	13,190	2,075
Davao Region	818,145	752,612	65,533	535,980	482,198	53,782	507,860	444,312	63,548
Compostela Valley	106,458	101,526	4,932	54,557	40,097	14,460	48,380	37,330	11,050
Davao del Norte	459,905	404,955	54,950	218,528	186,929	31,599	235,798	191,045	44,753
Davao del Sur	135,800	130,149	5,651	145,188	137,465	7,723	114,562	106,817	7,745
Davao Oriental	50,977	50,977	0	51,710	51,710	0	49,703	49,703	0
Davao City	65,005	65,005	0	65,997	65,997	0	59,417	59,417	0
SOCCSKSARGEN	1,140,403	1,031,207	109,196	1,012,419	906,578	105,841	1,228,390	1,104,031	124,359
North Cotabato	325,977	275,247	50,730	340,198	284,574	55,624	443,359	379,730	63,629
Sarangani	36,221	35,270	951	34,064	33,271	793	35,118	34,213	905
South Cotabato	297,685	285,690	11,995	271,243	259,429	11,814	343,163	317,863	25,300
Sultan Kudarat	480,520	435,000	45,520	366,914	329,304	37,610	406,750	372,225	34,525
Caraga	220,228	211,796	8,432	201,449	175,790	25,659	192,351	164,031	28,320
Agusan del Norte	30,150	30,150	0	25,400	25,400	0	29,000	29,000	0
Agusan del Sur	111,535	109,640	1,895	101,055	83,790	17,265	92,610	74,380	18,230
Surigao del Norte	36,495	29,958	6,537	33,994	28,000	5,994	29,225	23,330	5,895
Surigao del Sur	42,048	42,048	0	41,000	38,600	2,400	41,516	37,321	4,195
Dinagat Islands	0	..	..	0	..	..	0	..	..
ARMM	366,917	366,229	688	389,209	388,641	568	367,929	367,391	538
Basilan	6,890	6,890	0	7,395	7,395	0	7,377	7,377	0
Lanao del Sur	33,102	33,102	0	41,493	41,493	0	29,641	29,641	0
Maguindanao	295,100	294,412	688	308,494	307,926	568	296,096	295,558	538
Sulu	25,254	25,254	0	25,177	25,177	0	27,828	27,828	0
Tawi-tawi	6,571	6,571	0	6,650	6,650	0	6,987	6,987	0

Continued

Table 2.10.2
POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION *(concluded)*
2006 to 2015
(In heads)

	2009			2010			2011		
	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
Duck									
Philippines	10,577,395	7,761,740	2,815,655	10,268,012	7,723,677	2,544,335	10,126,364	7,461,861	2,664,503
NCR	..	..	..	..	..	..	..	..	..
CAR	221,575	221,465	110	201,742	201,742	0	217,325	217,325	0
Abra	10,662	10,662	0	10,197	10,197	0	10,692	10,692	0
Apayao	23,213	23,103	110	21,101	21,101	0	22,077	22,077	0
Benguet	8,582	8,582	0	7,538	7,538	0	5,503	5,503	0
Ifugao	86,571	86,571	0	75,234	75,234	0	83,433	83,433	0
Kalinga	85,590	85,590	0	81,581	81,581	0	89,439	89,439	0
Mountain Province	6,957	6,957	0	6,091	6,091	0	6,181	6,181	0
Ilocos Region	359,226	313,697	45,529	368,065	332,323	35,742	369,586	329,866	39,720
Ilocos Norte	39,128	39,128	0	45,800	45,800	0	44,870	44,870	0
Ilocos Sur	14,925	14,725	200	15,845	15,595	250	14,820	14,520	300
La Union	59,573	59,240	333	55,630	55,380	250	60,741	56,686	4,055
Pangasinan	245,600	200,604	44,996	250,790	215,548	35,242	249,155	213,790	35,365
Cagayan Valley	1,435,146	1,209,553	225,593	1,294,500	1,114,602	179,898	1,116,580	941,505	175,075
Batanes	0	..	..	0	..	..	0	..	..
Cagayan	331,332	213,615	117,717	324,290	222,119	102,171	342,760	235,387	107,373
Isabela	528,644	433,371	95,273	508,369	434,152	74,217	497,118	432,445	64,673
Nueva Vizcaya	238,117	227,507	10,610	195,136	192,736	2,400	132,771	131,000	1,771
Quirino	337,053	335,060	1,993	266,705	265,595	1,110	143,931	142,673	1,258
Central Luzon	2,454,226	1,044,675	1,409,551	2,522,850	1,062,471	1,460,379	2,579,719	998,674	1,581,045
Aurora	39,015	35,550	3,465	35,028	30,430	4,598	28,393	23,643	4,750
Bataan	149,743	95,376	54,367	171,031	110,000	61,031	187,984	123,120	64,864
Bulacan	279,989	157,693	122,296	324,383	131,645	192,738	378,937	110,554	268,383
Nueva Ecija	458,940	270,320	188,620	450,579	276,175	174,404	501,677	263,942	237,735
Pampanga	1,014,272	82,548	931,724	1,019,638	83,360	936,278	990,982	84,798	906,184
Tarlac	477,634	375,364	102,270	474,917	407,480	67,437	443,038	361,335	81,703
Zambales	34,633	27,824	6,809	47,274	23,381	23,893	48,708	31,282	17,426
CALABARZON	681,852	192,315	489,537	370,355	181,855	188,500	363,184	178,360	184,824
Batangas	66,694	48,961	17,733	65,390	45,910	19,480	62,398	43,892	18,506
Cavite	27,206	11,215	15,991	34,259	12,715	21,544	33,279	11,975	21,304
Laguna	381,332	52,968	328,364	76,440	48,927	27,513	91,755	49,619	42,136
Quezon	116,000	47,600	68,400	115,700	47,500	68,200	116,400	47,700	68,700
Rizal	90,620	31,571	59,049	78,566	26,803	51,763	59,352	25,174	34,178
MIMAROPA	184,175	151,978	32,197	198,649	165,469	33,180	206,368	170,867	35,501
Marinduque	4,845	4,845	0	4,142	4,142	0	3,935	3,935	0
Occidental Mindoro	67,447	67,447	0	69,169	69,169	0	65,919	65,919	0
Oriental Mindoro	51,227	19,030	32,197	52,470	19,290	33,180	54,178	18,677	35,501
Palawan	54,469	54,469	0	66,698	66,698	0	75,723	75,723	0
Romblon	6,187	6,187	0	6,170	6,170	0	6,613	6,613	0
Bicol Region	364,530	282,722	81,808	376,273	304,421	71,852	403,583	338,506	65,077
Albay	85,079	67,562	17,517	107,415	91,885	15,530	161,233	141,684	19,549
Camarines Norte	48,634	35,162	13,472	34,686	23,811	10,875	29,122	20,100	9,022
Camarines Sur	166,713	119,775	46,938	160,142	118,877	41,265	153,501	120,406	33,095
Catanduanes	6,648	6,648	0	9,552	9,552	0	7,030	7,030	0
Masbate	12,085	12,085	0	14,652	14,652	0	11,796	11,796	0
Sorsogon	45,371	41,490	3,881	49,826	45,644	4,182	40,901	37,490	3,411
Western Visayas	1,505,949	1,453,340	52,609	1,598,655	1,534,305	64,350	1,579,443	1,517,418	62,025
Aklan	66,478	64,458	2,020	51,119	49,458	1,661	48,449	47,076	1,373
Antique	208,394	172,974	35,420	225,537	177,677	47,860	196,654	150,933	45,721
Capiz	144,918	144,586	332	148,857	148,589	268	155,199	154,945	254
Guimaras	21,216	21,216	0	20,125	20,125	0	15,393	15,393	0
Iloilo	619,609	614,230	5,379	693,526	688,462	5,064	694,637	689,487	5,150
Negros Occidental	445,334	435,876	9,458	459,491	449,994	9,497	469,111	459,584	9,527
Central Visayas	143,555	137,580	5,975	187,682	181,216	6,466	156,935	150,109	6,826
Bohol	28,429	28,429	0	29,146	29,146	0	23,281	23,281	0
Cebu	27,087	27,087	0	25,085	25,085	0	19,123	19,123	0
Negros Oriental	86,899	80,924	5,975	132,253	125,787	6,466	113,319	106,493	6,826
Siquijor	1,140	1,140	0	1,198	1,198	0	1,212	1,212	0
Eastern Visayas	446,545	357,233	89,312	530,049	451,476	78,573	483,484	411,437	72,047
Biliran	6,015	5,015	1,000	6,300	5,450	850	4,115	4,115	0
Eastern Samar	6,870	6,870	0	5,855	5,855	0	4,688	4,688	0
Leyte	393,101	311,890	81,211	447,442	374,371	73,071	404,648	337,183	67,465
Northern Samar	21,185	21,185	0	52,300	52,300	0	49,391	49,391	0
Samar (Western Samar)	11,580	11,580	0	11,844	11,844	0	13,570	13,570	0
Southern Leyte	7,794	693	7,101	6,308	1,656	4,652	7,072	2,490	4,582
Zamboanga Peninsula	243,843	219,993	23,850	190,027	174,581	15,446	174,913	158,453	16,460
Zamboanga del Norte	102,561	100,507	2,054	79,524	76,711	2,813	71,577	68,314	3,263
Zamboanga del Sur	27,438	17,552	9,886	29,877	25,616	4,261	28,660	24,680	3,980
Zamboanga Sibugay	99,769	88,314	11,455	66,013	57,991	8,022	58,573	50,206	8,367
Zamboanga City	14,075	13,620	455	14,613	14,263	350	16,103	15,253	850
Northern Mindanao	319,604	196,816	122,788	372,612	211,962	160,650	391,443	219,463	171,980
Bukidnon	232,445	116,295	116,150	288,250	132,500	155,750	300,288	134,500	165,788
Camiguin	2,165	2,165	0	1,880	1,880	0	1,402	1,402	0
Lanao del Norte	48,979	46,662	2,317	51,174	48,752	2,422	54,541	51,910	2,631
Misamis Occidental	17,581	17,581	0	16,500	16,500	0	18,881	17,531	1,350
Misamis Oriental	18,434	14,113	4,321	14,808	12,330	2,478	16,331	14,120	2,211
Davao Region	446,423	388,922	57,501	428,044	368,053	59,991	417,350	354,750	62,600
Compostela Valley	41,128	31,336	9,792	46,939	35,761	11,178	49,883	37,498	12,385
Davao del Norte	210,749	171,635	39,114	189,209	150,816	38,393	205,140	162,815	42,325
Davao del Sur	68,299	59,704	8,595	77,283	66,863	10,420	71,829	63,939	7,890
Davao Oriental	67,329	67,329	0	60,189	60,189	0	43,411	43,411	0
Davao City	58,918	58,918	0	54,424	54,424	0	47,087	47,087	0
SOCCSKSARGEN	1,246,940	1,107,679	139,261	1,201,847	1,055,824	146,023	1,172,963	1,030,523	142,440
North Cotabato	424,984	364,700	60,284	375,095	315,810	59,285	383,180	323,787	59,393
Sarangani	35,610	34,400	1,210	36,380	36,000	380	37,350	36,950	400
South Cotabato	362,024	319,997	42,027	374,932	331,904	43,028	383,078	339,686	43,392
Sultan Kudarat	424,322	388,582	35,740	415,440	372,110	43,330	369,355	330,100	39,255
Caraga	167,907	131,454	36,453	139,785	103,374	36,411	137,510	100,232	37,278
Agusan del Norte	20,126	20,126	0	22,350	22,350	0	22,814	21,714	1,100
Agusan del Sur	96,490	67,720	28,770	73,915	42,675	31,240	76,746	46,505	30,241
Surigao del Norte	24,313	20,500	3,813	17,641	14,540	3,101	16,887	13,700	3,187
Surigao del Sur	26,978	23,108	3,870	20,721	18,651	2,070	17,069	14,319	2,750
Dinagat Islands	0	..	..	5,158	5,158	..	3,994	3,994	..
ARMM	355,899	352,318	3,581	286,877	280,003	6,874	355,978	344,373	11,605
Basilan	7,730	7,730	0	8,884	8,884	0	8,045	8,045	0
Lanao del Sur	29,641	29,641	0	27,498	27,498	0	24,007	24,007	0
Maguindanao	277,072	273,491	3,581	210,170	203,296	6,874	292,422	280,817	11,605
Sulu	34,063	34,063	0	33,132	33,132	0	25,050	25,050	0
Tawi-tawi	7,393	7,393	0	7,193	7,193	0	6,454	6,454	0

Source: Philippine Statistics Authority [1] Inventory as of 01 January of the next year .. Data not available ... Data not yet available

2012			2013			2014			2015		
Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial	Total	Backyard	Commer-cial
10,011,483	7,329,643	2,681,840	10,134,884	7,343,118	2,791,766	9,885,775	7,079,781	2,805,995	10,066,727	7,023,523	3,043,204
..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..
210,857	210,857	0	192,850	192,850	0	192,330	192,025	305	205,027	205,027	0
11,601	11,601	0	11,192	11,192	0	10,290	10,290	0	8,883	8,883	0
23,855	23,855	0	24,637	24,637	0	25,076	24,771	305	24,834	24,834	0
3,362	3,362	0	3,530	3,530	0	4,654	4,654	0	7,044	7,044	0
81,940	81,940	0	68,754	68,754	0	61,880	61,880	0	75,980	75,980	0
83,341	83,341	0	77,810	77,810	0	80,140	80,140	0	81,293	81,293	0
6,758	6,758	0	6,927	6,927	0	10,290	10,290	0	6,993	6,993	0
371,934	333,028	38,906	371,619	341,407	30,212	365,336	331,476	33,860	385,699	358,117	27,582
49,357	49,357	0	60,500	60,500	0	45,220	45,220	0	60,270	60,270	0
13,295	13,045	250	13,080	12,850	230	13,575	13,374	201	14,941	14,941	0
65,210	58,580	6,630	56,186	55,093	1,093	65,645	60,371	5,274	64,928	63,418	1,510
244,072	212,046	32,026	241,853	212,964	28,889	240,896	212,511	28,385	245,560	219,488	26,072
1,094,056	925,103	168,953	1,127,060	958,936	168,124	1,099,531	938,533	160,998	1,115,584	963,272	152,312
0	0	..	0	..	..	434	434	0	527	527	0
357,966	251,425	106,541	366,105	255,749	110,356	360,916	253,353	107,563	385,959	274,974	110,985
496,639	436,647	59,992	511,790	455,232	56,558	485,910	433,593	52,317	485,610	444,283	41,327
144,970	143,730	1,240	157,880	156,670	1,210	166,771	165,653	1,118	170,341	170,341	0
94,481	93,301	1,180	91,285	91,285	0	85,500	85,500	0	73,147	73,147	0
2,575,408	918,028	1,657,380	2,833,028	1,042,747	1,790,281	2,974,144	1,173,832	1,800,312	3,208,086	1,176,076	2,032,010
23,918	20,208	3,710	24,100	19,785	4,315	23,579	21,139	2,440	24,474	23,189	1,285
221,544	155,429	66,115	236,775	168,525	68,250	298,736	231,380	67,356	304,091	235,741	68,350
444,883	76,104	368,779	562,260	55,530	506,730	732,483	96,598	635,885	1,005,768	142,300	863,468
470,808	224,925	245,883	493,291	239,732	253,559	447,181	193,919	253,262	453,028	199,118	253,910
987,641	83,720	903,921	963,571	79,172	884,399	852,893	74,463	778,430	863,614	81,375	782,239
381,564	326,068	55,496	515,937	447,085	68,852	579,684	520,255	59,429	515,084	456,952	58,132
45,050	31,574	13,476	37,094	32,918	4,176	39,588	36,078	3,510	42,027	37,401	4,626
324,299	174,342	149,957	318,347	164,939	153,408	308,560	148,196	160,364	289,993	142,375	147,618
51,892	43,992	7,900	48,250	43,101	5,149	36,915	32,550	4,365	28,850	25,350	3,500
21,179	9,112	12,067	16,887	7,714	9,173	13,504	6,531	6,973	11,200	5,800	5,400
92,678	51,678	41,000	98,330	46,748	51,582	104,833	46,615	58,218	99,450	47,000	52,450
115,700	47,350	68,350	116,750	48,850	67,900	136,308	45,500	90,808	129,493	43,225	86,268
42,850	22,210	20,640	38,130	18,526	19,604	17,000	17,000	0	21,000	21,000	0
207,318	170,852	36,466	203,813	166,218	37,595	211,361	174,743	36,618	218,266	185,161	33,105
2,913	2,913	0	2,920	2,920	0	2,632	2,632	0	2,455	2,455	0
62,433	62,433	0	52,856	52,856	0	58,164	58,164	0	56,361	56,361	0
54,676	18,210	36,466	56,023	18,428	37,595	54,493	17,875	36,618	49,294	16,189	33,105
81,587	81,587	0	85,764	85,764	0	88,998	88,998	0	100,982	100,982	0
5,709	5,709	0	6,250	6,250	0	7,074	7,074	0	9,174	9,174	0
378,159	325,075	53,084	344,545	304,900	39,645	362,274	314,566	47,708	390,837	325,793	65,044
162,427	145,225	17,202	136,365	127,326	9,039	150,001	140,058	9,943	167,653	151,830	15,823
26,051	18,200	7,851	24,676	17,120	7,556	27,620	15,270	12,350	34,923	14,902	20,021
129,333	104,175	25,158	121,219	101,310	19,909	124,131	101,778	22,353	128,844	102,347	26,497
5,064	5,064	0	3,694	3,694	0	3,275	3,275	0	2,345	2,345	0
13,088	13,088	0	11,806	11,806	0	8,698	8,698	0	8,734	8,734	0
42,196	39,323	2,873	46,785	43,644	3,141	48,549	45,487	3,062	48,338	45,635	2,703
1,586,924	1,524,105	62,819	1,443,258	1,381,768	61,490	1,420,401	1,358,404	61,997	1,393,819	1,333,515	60,304
51,218	49,761	1,457	50,332	48,846	1,486	49,560	46,993	2,567	50,147	48,013	2,134
181,260	134,762	46,498	179,024	133,893	45,131	178,264	133,448	44,816	176,266	132,853	43,413
174,889	174,641	248	176,184	175,922	262	174,731	174,461	270	173,435	173,348	87
11,196	11,196	0	13,117	13,117	0	16,008	16,008	0	15,360	15,360	0
695,807	690,747	5,060	551,190	546,482	4,708	531,821	527,358	4,463	506,272	501,752	4,520
472,554	462,998	9,556	473,411	463,508	9,903	470,017	460,136	9,881	472,339	462,189	10,150
157,156	150,181	6,975	146,313	138,561	7,752	148,929	140,639	8,290	143,430	133,724	9,706
23,671	23,671	0	25,425	24,895	530	26,607	26,074	533	26,199	24,184	2,015
19,477	19,477	0	16,567	16,567	0	14,414	14,414	0	15,944	15,944	0
112,902	105,927	6,975	103,406	96,184	7,222	107,003	99,246	7,757	100,378	92,687	7,691
1,106	1,106	0	915	915	0	905	905	0	909	909	0
380,290	320,297	59,993	337,883	296,447	41,436	320,651	280,868	39,783	305,072	264,162	40,910
3,289	3,289	0	3,356	3,356	0	3,148	3,148	0	2,470	2,470	0
5,701	5,701	0	5,902	5,902	0	3,316	3,316	0	3,425	3,425	0
305,738	249,114	56,624	269,917	229,498	40,419	259,230	220,430	38,800	243,891	203,661	40,230
38,499	38,499	0	30,046	30,046	0	24,952	24,952	0	23,548	23,548	0
17,464	17,464	0	17,397	17,397	0	18,758	18,758	0	20,197	20,197	0
9,599	6,230	3,369	11,265	10,248	1,017	11,247	10,264	983	11,541	10,861	680
144,785	125,439	19,346	162,900	135,901	26,999	158,595	118,028	40,567	150,579	110,747	39,832
47,638	46,053	1,585	67,440	66,365	1,075	44,374	42,949	1,425	33,474	32,264	1,210
26,843	23,420	3,423	30,566	27,193	3,373	37,702	32,650	5,052	40,681	36,585	4,096
54,025	40,532	13,493	53,224	31,273	21,951	65,519	31,879	33,640	66,286	32,046	34,240
16,279	15,434	845	11,670	11,070	600	11,000	10,550	450	10,138	9,852	286
419,076	280,009	139,067	417,555	278,425	139,130	410,110	271,380	138,730	426,288	262,566	163,722
313,744	181,547	132,197	312,350	180,500	131,850	307,310	174,560	132,750	331,000	176,500	154,500
1,225	1,225	0	1,350	1,350	0	1,375	1,375	0	1,200	1,200	0
56,580	55,070	1,510	53,230	51,400	1,830	49,760	47,980	1,780	51,696	44,120	7,576
20,443	17,317	3,126	21,400	16,400	5,000	21,075	17,465	3,610	18,079	17,009	1,070
27,084	24,850	2,234	29,225	28,775	450	30,590	30,000	590	24,313	23,737	576
436,383	379,716	56,667	428,108	373,866	54,242	437,382	380,660	56,722	454,896	398,507	56,389
49,238	39,781	9,457	41,998	35,438	6,560	48,415	40,135	8,280	46,781	39,517	7,264
224,577	187,162	37,415	220,988	181,556	39,432	221,468	180,637	40,831	226,350	182,410	43,940
71,375	61,580	9,795	70,423	62,173	8,250	67,611	60,000	7,611	71,896	66,711	5,185
44,175	44,175	0	49,456	49,456	0	51,382	51,382	0	57,000	57,000	0
47,018	47,018	0	45,243	45,243	0	48,506	48,506	0	52,869	52,869	0
1,200,925	1,024,988	175,937	1,214,546	1,027,012	187,534	1,114,372	931,635	182,737	1,107,357	927,980	179,377
398,650	328,850	69,800	389,213	318,127	71,086	301,391	239,131	62,260	271,178	212,203	58,975
37,280	37,000	280	38,112	37,800	312	37,810	37,500	310	37,315	37,000	315
369,236	324,379	44,857	382,056	334,985	47,071	368,642	317,755	50,887	377,185	325,748	51,437
395,759	334,759	61,000	405,165	336,100	69,065	406,529	337,249	69,280	421,679	353,029	68,650
127,668	95,310	32,358	132,924	100,664	32,260	135,079	98,075	37,004	130,917	95,624	35,293
21,089	20,299	790	25,750	20,350	5,400	22,510	18,930	3,580	20,548	19,500	1,048
70,931	45,250	25,681	69,297	47,890	21,407	74,198	46,920	27,278	72,800	43,300	29,500
16,052	12,890	3,162	16,993	13,878	3,115	17,941	13,810	4,131	16,848	13,923	2,925
16,256	13,531	2,725	18,322	16,142	2,180	17,926	15,911	2,015	17,903	16,083	1,820
3,340	3,340	0	2,562	2,404	158	2,504	2,504	0	2,818	2,818	0
396,245	372,313	23,932	460,135	438,477	21,658	226,721	226,721	0	140,877	140,877	0
9,680	9,680	0	9,396	9,396	0	10,348	10,348	0	10,617	10,617	0
22,807	22,807	0	20,900	20,900	0	21,500	21,500	0	18,009	18,009	0
335,871	311,939	23,932	404162	382504	21658	170696	170696	0	89349	89349	0
21,000	21,000	0	18712	18712	0	16996	16996	0	16649	16649	0
6,887	6,887	0	6965	6965	0	7181	7181	0	6253	6253	0

Table 2.11
VOLUME OF EVAPORATION BY MONTH
2006 to 2015
(In millimeters)

Monitoring Stations	January	February	March	April	May	June	July	August	Septem-ber	October	Novem-ber	Decem-ber
2006												
PCA Bago Oshiro, Davao	114.2	114.0	104.4	155.5	131.4	109.5	109.9	91.3	103.1	102.6	120.4	127.7
Isu-Echague, Isabela	77.6	88.0	125.6	176.1	99.7	167.4	115.9	115.5	100.1	88.8	81.6	52.6
Dumangas, Iloilo	-	-	-	-	-	-	-	-	-	-	-	-
TCA Camiling, Tarlac	-	-	-	-	-	-	-	-	-	-	-	-
Cabanatuan, Nueva Ecija	77.9	100.1	126.1	161.4	141.6	122.7	89.8	77.9	97.0	83.2	82.3	82.7
PNAC Aborlan, Palawan	-	-	-	-	-	-	-	-	-	-	-	-
PSPC Mambusao, Capiz	83.1	93.4	113.4	138.5	125.3	102.0	106.3	110.2	115.4	108.7	104.6	88.8
CMU-Musuan, Bukidnon	-	-	177.8	210.2	140.9	113.4	117.6	102.8	135.8	126.5	158.6	160.5
2007												
PCA Bago Oshiro, Davao	97.5	129.5	162.7	164.1	126.3	100.3	105.9	101.4	104.9	110.3	96.6	114.4
Isu-Echague, Isabela	63.8	100.2	132.7	131.6	155.8	126.9	148.9	117.6	102.9	76.7	58.8	60.2
Dumangas, Iloilo	-	-	-	-	-	-	-	-	-	-	-	-
TCA Camiling, Tarlac	-	-	-	-	-	-	-	-	-	-	-	-
Cabanatuan, Nueva Ecija	94.2	99.2	137.5	156.6	144.5	118.8	134.9	97.4	85.2	-	-	-
PNAC Aborlan, Palawan	-	-	-	-	-	-	-	-	-	-	-	-
PSPC Mambusao, Capiz	80.5	103.5	132.2	147.7	146.0	113.0	118.7	118.7	93.8	100.1	87.3	90.0
CMU-Musuan, Bukidnon	117.6	172.4	212.4	238.8	175.2	145.9	141.7	140.3	132.4	145.4	122.2	124.1
2008												
PCA Bago Oshiro, Davao	111.9	112.0	120.6	131.6	111.3	103.2	107.3	131.8	109.4	111.4	111.0	101.3
Isu-Echague, Isabela	65.6	57.7	104.0	148.3	132.1	137.3	113.3	107.6	117.6	91.2	55.6	50.3
Dumangas, Iloilo	106.2	108.8	141.7	163.0	106.4	128.6	126.0	138.2	115.0	121.5	120.3	98.7
TCA Camiling, Tarlac	-	-	-	-	-	-	116.8	110.3	133.1	124.0	111.6	129.3
Cabanatuan, Nueva Ecija	90.4	107.0	137.2	151.5	140.0	128.1	117.0	116.5	112.4	101.4	80.7	97.0
PNAC Aborlan, Palawan	-	-	-	-	-	-	94.2	93.2	82.7	85.0	69.5	78.9
PSPC Mambusao, Capiz	89.1	79.8	112.3	104.0	104.0	111.2	110.8	109.3	90.8	122.4	92.1	79.2
CMU-Musuan, Bukidnon*	136.0	141.8	191.5	204.3	-	160.4	159.2	156.8	132.0	158.1	141.7	136.7
2009												
PCA Bago Oshiro, Davao	-	-	-	-	-	115.7	97.8	144.5	101.3	137.3	122.6	146.4
Isu-Echague, Isabela	52.0	79.1	124.2	109.0	110.6	135.4	124.9	134.2	98.7	95.2	73.1	71.9
Dumangas, Iloilo	99.8	106.1	147.6	126.8	117.8	118.9	104.5	122.7	106.0	123.7	126.9	130.2
TCA Camiling, Tarlac	127.6	137.8	180.7	172.4	159.7	140.8	133.6	140.2	111.2	118.3	135.8	131.8
Cabanatuan, Nueva Ecija	118.0	105.7	151.2	142.8	140.9	143.5	126.3	120.1	94.1	103.8	93.2	85.0
PNAC Aborlan, Palawan	106.1	105.1	118.4	109.8	104.9	91.9	82.4	89.7	89.6	99.2	93.2	122.6
PSPC Mambusao, Capiz	65.7	75.2	119.8	110.2	117.6	109.0	100.8	107.3	92.7	100.7	92.8	86.5
CMU-Musuan, Bukidnon	141.5	127.7	197.6	163.0	152.5	135.9	119.8	156.0	117.8	134.5	140.0	178.0
2010												
PCA Bago Oshiro, Davao	125.5	153.6	177.3	155.2	154.3	149.8	120.9	140.6	147.5	134.7	127.0	122.3
Isu-Echague, Isabela	80.3	117.2	148.3	175.6	176.8	139.1	136.4	126.3	112.7	93.9	58.0	1.8
Dumangas, Iloilo	126.4	163.1	208.3	204.7	221.9	132.2	118.6	119.1	125.5	101.2	110.4	104.4
TCA Camiling, Tarlac	156.7	163.3	224.9	235.9	218.5	167.1	145.7	147.0	150.5	135.8	105.1	124.7
Cabanatuan, Nueva Ecija	106.2	125.0	167.0	178.3	183.4	123.4	119.1	102.9	96.0	90.4	83.1	82.7
PNAC Aborlan, Palawan	116.4	128.6	169.6	154.7	156.7	121.3	104.2	106.1	124.8	89.2	91.0	71.3
PSPC Mambusao, Capiz	87.6	113.5	148.2	149.1	169.3	121.4	114.4	113.3	126.8	89.8	97.0	74.1
CMU-Musuan, Bukidnon	164.7	238.1	290.1	249.9	225.3	170.5	160.7	150.0	183.5	166.0	160.3	181.8

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration

Table 2.11 ***(continued)***

Monitoring Stations	January	February	March	April	May	June	July	August	Septem-ber	October	Novem-ber	Decem-ber
2011												
PCA Bago Oshiro, Davao	113.7	113.2	131.4	147.1	125.6	100.3	112.6	111.5	136.1	145.7	120.4	121.6
Isu-Echague, Isabela	51.9	82.8	98.0	144.6	149.2	122.8	121.7	109.4	98.2	90.3	65.9	49.5
Dumangas, Iloilo	90.4	108.5	134.0	158.5	121.0	126.2	116.4	126.6	128.1	128.1	116.8	112.5
TCA Camiling, Tarlac	127.4	129.6	185.5	214.9	183.7	138.8	133.2	119.4	100.3	133.7	99.2	101.6
Cabanatuan, Nueva Ecija	96.4	103.4	140.6	169.3	153.4	105.6	104.6	92.1	79.1	85.9	90.9	101.4
PNAC Aborlan, Palawan	94.9	102.1	114.1	127.0	102.4	93.3	83.3	109.5	88.3	90.8	99.3	87.1
PSPC Mambusao, Capiz	91.0	92.9	90.1	119.7	134.7	103.5	99.4	113.8	103.4	113.5	85.7	76.3
CMU-Musuan, Bukidnon	150.1	149.1	166.8	184.0	134.3	124.3	143.8	142.2	126.9	170.2	148.6	153.2
2012												
PCA Bago Oshiro, Davao	125.9	114.4	140.5	143.9	132.2	111.5	117.0	110.9	118.6	126.8	121.4	118.2
Isu-Echague, Isabela	68.6	68.2	96.7	143.4	156.1	139.8	106.7	108.5	110.5	90.8	93.3	55.1
Dumangas, Iloilo	132.5	128.4	144.2	176.4	148.1	130.3	116.1	154.2	115.7	131.7	142.2	127.0
TCA Camiling, Tarlac	116.1	127.5	170.9	198.0	167.6	114.6	109.6	134.7	123.5	117.3	115.9	122.8
Cabanatuan, Nueva Ecija	96.1	96.9	145.1	182.3	160.0	93.1	107.0	96.8	94.3	111.0	107.6	128.5
PNAC Aborlan, Palawan	107.1	89.1	105.1	113.5	103.5	84.3	76.8	94.7	74.3	87.8	84.7	115.3
PSPC Mambusao, Capiz	81.3	98.5	100.5	123.3	126.2	103.6	101.5	108.7	90.8	88.2	94.7	84.0
CMU-Musuan, Bukidnon	160.8	162.1	164.8	183.2	174.3	138.4	150.1	156.4	136.8	147.7	153.3	169.6
2013												
PCA Bago Oshiro, Davao	84.5	129.7	168.0	144.6	137.6	109.9	156.5	128.2	144.0	121.5	114.6	128.7
Isu-Echague, Isabela	74.7	82.6	132.2	159.9	139.8	146.9	111.4	93.1	102.2	97.2	57.9	58.2
Dumangas, Iloilo	113.8	130.3	183.2	187.0	150.1	110.5	115.5	120.5	133.5	134.9	128.6	107.3
TCA Camiling, Tarlac	131.3	146.7	176.9	194.8	181.6	154.8	140.5	123.8	116.4	140.0	118.0	120.1
Cabanatuan, Nueva Ecija	134.6	153.6	184.7	203.0	149.8	132.7	110.1	86.7	76.2	109.4	105.3	110.4
PNAC Aborlan, Palawan	102.7	112.5	147.1	130.1	116.4	87.5	91.3	87.7	83.7	86.7	79.7	86.1
PSPC Mambusao, Capiz	93.2	92.8	125.9	133.5	144.4	102.8	105.2	112.8	111.1	119.2	104.6	95.4
CMU-Musuan, Bukidnon	127.7	172.0	225.8	217.0	192.3	132.5	165.1	140.6	158.0	129.8	140.7	187.4
2014												
PCA Bago Oshiro, Davao	100.3	131.5	162.9	145.6	121.6	110.1	94.6	121.2	100.5	133.5	130.5	118.4
Isu-Echague, Isabela	70.4	97.3	134.8	163.8	201.3	153.8	124.2	115.9	118.3	79.5	81.3	53.3
Dumangas, Iloilo	95.7	132.1	175.0	170.4	183.0	145.2	82.0	133.1	100.1	108.6	128.0	110.6
TCA Camiling, Tarlac	132.5	139.2	193.8	203.7	225.1	140.2	141.4	140.1	111.9	132.1	128.7	128.8
Cabanatuan, Nueva Ecija	149.3	126.8	173.0	183.6	209.8	133.8	86.3	100.0	99.4	116.9	117.6	132.6
PNAC Aborlan, Palawan	91.5	72.5	129.1	128.3	131.7	89.5	87.3	106.6	81.8	94.0	92.5	97.9
PSPC Mambusao, Capiz	87.1	106.5	131.1	128.9	149.1	119.5	118.3	126.0	106.2	107.1	120.6	79.9
CMU-Musuan, Bukidnon	122.1	187.2	212.4	199.3	196.8	139.5	116.2	174.0	135.8	153.0	157.0	157.9
2015												
PCA Bago Oshiro, Davao	129.8	139.9	160.5	147.1	141.1	110.8	114.1	119.2	125.0	144.3	143.4	163.6
Isu-Echague, Isabela	67.1	79.8	126.0	145.0	166.9	182.3	139.3	126.6	126.9	95.3	83.7	64.8
Dumangas, Iloilo	112.6	149.4	198.7	214.9	187.0	136.0	-	130.2	108.2	132.2	142.9	123.0
TCA Camiling, Tarlac	146.5	147.9	197.7	215.4	186.4	196.8	156.3	162.9	153.0	125.0	130.1	124.5
Cabanatuan, Nueva Ecija	136.5	135.8	180.6	200.4	184.2	195.7	106.6	132.4	127.6	91.9	118.0	110.6
PNAC Aborlan, Palawan	112.4	113.2	151.3	150.4	143.7	108.7	90.1	95.5	79.4	101.2	94.3	106.0
PSPC Mambusao, Capiz	92.5	105.1	133.1	158.5	162.3	124.0	117.9	124.1	114.8	117.2	107.4	96.3
CMU-Musuan, Bukidnon	166.2	198.4	238.0	252.0	196.9	156.1	156.0	160.7	130.0	190.3	-	175.1

Table 2.12
SUMMARY OF WATER PERMIT GRANTS BY WATER SOURCE, TYPE, USE, AND REGION
As of December 2015
(In liters per second (lps) and million cubic meters (mcm))

WR Region	Type	Municipal			Industrial			Irrigation			Power		
		No.	lps	mcm	No.	lps	mcm	No.	lps	mcm	No.	lps	mcm
Total		**7,516**	**213,934.5**	**6,746.6**	**1,736**	**314,899.8**	**9,930.7**	**10,391**	**2,124,732.6**	**67,005.6**	**291**	**3,655,361.4**	**115,275.5**
Sub-total	GW	7,050	66,017.7	2,081.9	1,402	17,316.7	546.1	1,876	29,568.9	932.5	8	2,051.3	64.7
	SW	466	147,916.8	4,664.7	334	297,583.1	9,384.6	8,515	2,095,163.7	66,073.1	283	3,653,310.1	115,210.8
NCR	GW	1,123	4,334.0	136.7	212	1,370.1	43.2	15	81.5	2.6	-	-	-
	SW	5	4,989.4	157.3	2	318.7	10.0	12	11,532.2	363.7	1	150.0	4.7
I	GW	479	7,032.9	221.8	50	196.9	6.2	226	2,314.0	73.0	-	-	-
	SW	130	4,045.3	127.6	33	2,485.8	78.4	1,143	109,130.6	3,441.5	42	193,751.1	6,110.1
II	GW	174	1,200.7	37.9	12	137.9	4.3	138	956.8	30.2	-	-	-
	SW	21	159.2	5.0	11	862.4	27.2	1,424	297,182.0	9,371.9	40	1,082,132.9	34,126.1
III	GW	1,030	11,009.6	347.2	242	3,001.3	94.6	547	7,003.9	220.9	-	-	-
	SW	28	35,435.0	1,117.5	26	88,850.3	2,802.0	901	512,873.0	16,174.0	8	483,722.7	15,254.7
IV	GW	1,721	14,667.9	462.6	497	5,896.4	185.9	224	3,248.1	102.4	6	1,740.0	54.9
	SW	78	86,558.8	2,729.7	63	89,879.7	2,834.4	1,286	236,642.7	7,462.8	38	623,035.0	19,648.0
V	GW	266	3,653.1	115.2	21	123.5	3.9	84	1,252.5	39.5	-	-	-
	SW	24	1,331.6	42.0	27	1,105.2	34.9	666	93,348.2	2,943.8	24	24,762.8	780.9
VI	GW	309	4,439.9	140.0	87	1,244.0	39.2	114	2,885.9	91.0	-	-	-
	SW	27	3,693.5	116.5	38	20,415.9	643.8	791	157,306.2	4,960.8	29	85,679.8	2,702.0
VII	GW	784	4,542.4	143.2	115	2,257.1	71.2	160	2,795.2	88.1	-	-	-
	SW	28	2,276.3	71.8	31	24,903.6	785.4	433	54,046.9	1,704.4	16	58,802.8	1,854.4
VIII	GW	162	1,329.0	41.9	28	461.0	14.5	37	515.3	16.3	-	-	-
	SW	42	1,994.4	62.9	23	6,191.3	195.2	443	79,941.6	2,521.0	6	3,438.0	108.4
IX	GW	102	863.6	27.2	16	89.6	2.8	3	84.2	2.7	1	113.0	3.6
	SW	10	704.1	22.2	6	121.0	3.8	163	37,411.3	1,179.8	6	10,783.8	340.1
X	GW	577	3,945.5	124.4	59	1,727.6	54.5	54	1,450.5	45.7	1	198.3	6.3
	SW	42	4,258.2	134.3	35	48,529.8	1,530.4	448	148,686.1	4,689.0	39	681,727.3	21,499.0
XI	GW	186	3,344.2	105.5	35	586.8	18.5	67	2,312.8	72.9	-	-	-
	SW	22	1,990.6	62.8	21	11,099.2	350.0	382	145,081.0	4,575.3	16	60,471.3	1,907.0
XII	GW	137	5,654.9	178.3	28	224.6	7.1	207	4,668.1	147.2	-	-	-
	SW	9	480.4	15.2	18	2,820.1	88.9	423	211,982.1	6,685.1	18	344,852.8	10,875.3

Notes:
Values that do not exceed 0.05 have been rounded off to and appear as 0.0. Zero values appear as -.
WR - Water resource
GW - Groundwater
SW - Surface water

Source: National Water Resources Board

Table 2.12 ***(continued)***

WR Region	Type	Fisheries			Livestock			Recreation			Others			Total		
		No.	lps	mcm	No.	lps	mcm	No.	lps	mcm	No.	lps	mcm	No.	lps	mcm
Total		**484**	**23,889.6**	**753.4**	**203**	**593.4**	**18.7**	**265**	**8,277.0**	**261.0**	**816**	**21,690.7**	**684.0**	**21,702**	**6,363,378.9**	**200,675.5**
Sub-total	GW	108	1,826.0	57.6	197	590.8	18.6	229	3,002.3	94.7	768	3,098.1	97.7	11,638	123,471.7	3,893.8
	SW	376	22,063.6	695.8	6	2.6	0.1	36	5,274.7	166.3	48	18,592.7	586.3	10,064	6,239,907.2	196,781.7
NCR	GW	-	-	-	5	9.6	0.3	1	10.0	0.3	138	233.0	7.3	1,494	6,038.2	190.4
	SW	-	-	-	-	-	-	1	126.2	4.0	-	-	-	21	17,116.6	539.8
I	GW	2	3.5	0.1	1	0.1	0.0	20	29.7	0.9	68	299.9	9.5	846	9,877.0	311.5
	SW	5	16.2	0.5	-	-	-	1	7.0	0.2	6	1,447.2	45.6	1,360	310,883.3	9,804.0
II	GW	-	-	-	9	5.6	0.2	1	2.5	0.1	17	48.6	1.5	351	2,352.1	74.2
	SW	7	298.2	9.4	5	1.0	0.0	1	5.0	0.2	2	1.8	0.1	1,511	1,380,642.5	43,539.9
III	GW	6	68.2	2.2	42	105.7	3.3	25	155.0	4.9	96	548.1	17.3	1,988	21,891.7	690.4
	SW	30	248.6	7.8	-	-	-	2	24.0	0.8	1	215.0	6.8	996	1,121,368.4	35,363.5
IV	GW	9	21.5	0.7	103	176.2	5.6	103	852.3	26.9	171	722.0	22.8	2,834	27,324.2	861.7
	SW	42	10,209.4	322.0	1	1.6	0.1	13	1,688.9	53.3	14	11,407.9	359.8	1,535	1,059,423.8	33,410.0
V	GW	2	4.6	0.1	-	-	-	10	63.1	2.0	11	4.4	0.1	394	5,101.3	160.9
	SW	11	208.9	6.6	-	-	-	8	2,150.3	67.8	5	155.1	4.9	765	123,062.1	3,880.9
VI	GW	36	925.5	29.2	4	7.4	0.2	19	60.8	1.9	79	264.2	8.3	648	9,827.7	309.9
	SW	148	3,552.3	112.0	-	-	-	2	73.0	2.3	7	1,878.0	59.2	1,042	272,598.7	8,596.7
VII	GW	39	502.4	15.8	3	2.3	0.1	7	289.4	9.1	101	632.8	20.0	1,209	11,021.6	347.6
	SW	52	3,403.8	107.3	-	-	-	5	1,171.1	36.9	-	-	-	565	144,604.5	4,560.2
VIII	GW	-	-	-	-	-	-	8	93.3	2.9	13	86.1	2.7	248	2,484.8	78.4
	SW	8	69.5	2.2	-	-	-	-	-	-	7	25.2	0.8	529	91,660.0	2,890.6
IX	GW	1	1.0	0.0	2	0.0	0.0	6	20.8	0.7	7	2.7	0.1	138	1,175.0	37.1
	SW	24	2,170.1	68.4	-	-	-	-	-	-	-	-	-	209	51,190.3	1,614.3
X	GW	4	15.3	0.5	6	58.6	1.8	24	430.4	13.6	20	46.3	1.5	745	7,872.4	248.3
	SW	12	219.1	6.9	-	-	-	-	-	-	3	3,380.3	106.6	579	886,800.7	27,966.1
XI	GW	5	235.0	7.4	11	4.6	0.1	-	-	-	26	126.0	4.0	330	6,609.5	208.4
	SW	25	933.3	29.4	-	-	-	-	-	-	-	-	-	466	219,575.4	6,924.5
XII	GW	4	49.1	1.5	11	220.6	7.0	5	995.0	31.4	21	84.0	2.6	413	11,896.3	375.2
	SW	12	734.3	23.2	-	-	-	3	29.1	0.9	3	82.1	2.6	486	560,981.0	17,691.1

Component Three

Residuals

COMPONENT THREE

RESIDUALS

Residuals are flows of solid, liquid, gaseous materials and energy that are discarded, discharged or emitted by establishments and households through processes of consumption, production or accumulation. Residuals may be discarded, discharged or emitted directly to the environment or be captured, collected, treated, recycled or reused *(UN FDES, 2013)*.

The volume of residuals released and its characteristics such as the type, source, location and trends over time have different impacts both on human and the environment. Thus, environment statistics on residuals can be used for evidence-based policy making particularly to environmental regulations to mitigate its impacts on human sub-systems.

The compilation of environment statistics on residuals have links to environmental accounts following the framework of the System of Environmental-Economic Accounting (SEEA) 2012 – Central Framework particularly on emissions to air, emissions to water (effluents), and accounting for solid wastes.

The environment statistics on residuals, likewise, have several links to the different Sustainable Development Goals such as: Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture; Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all; Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable; Goal 12: Ensure sustainable consumption and production patterns; Goal 13: Take urgent action to combat climate change and its impacts; Goal 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development; and Goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss *(Sustainable Development Knowledge Platform)*.

Residuals cover four subcomponents, namely: emissions to air, generation and management of wastewater, generation and management of waste and release of chemical substances. The CPES 2016 covers fourteen (14) out of the nineteen (19) core statistics under the Component Three on Residuals. The five (5) remaining core statistics still needs to be compiled when data become available such as indirect Greenhouse Gas emissions, total municipal waste collected, amount of municipal waste treated by type of treatment and disposal, and total hazardous waste collected.

3.1 Emissions to Air

Emissions to air are gaseous and particulate substances released to the atmosphere by establishments and households as results of production, consumption and accumulation processes. Air emissions can be directly measured or estimated using indicators on fuel and other material input data, and emission factors. Results of emissions are estimated as inventories by type of source, by process, and by economic activity.

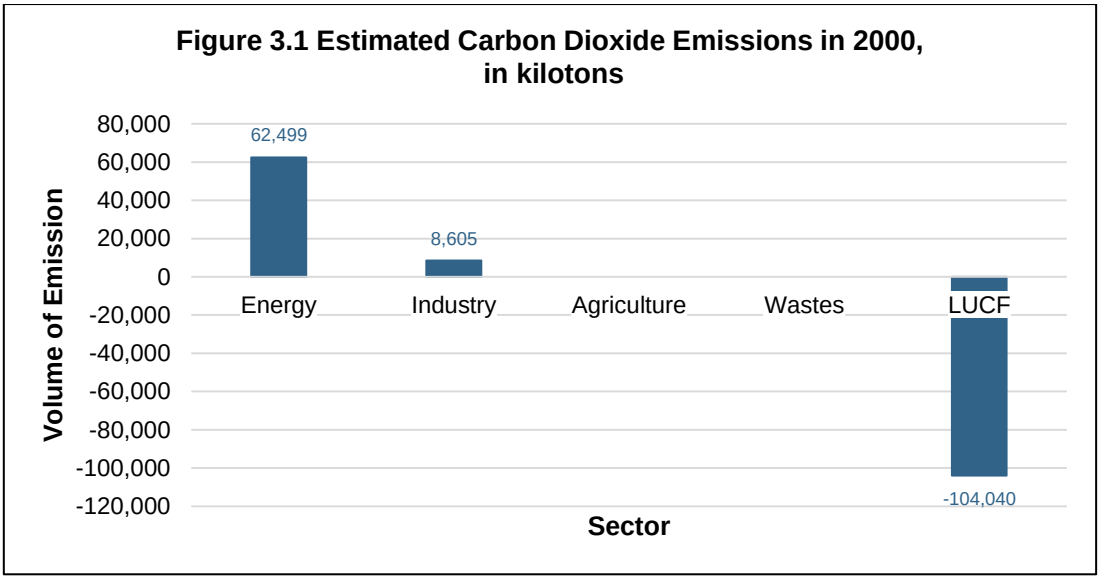
Statistics on greenhouse gas emission is useful as it tends to increase the capacity of the atmosphere to hold heat, one of the drivers of global climate change. The compilation of variables on emission to air provides link to various environmental accounts such as Emission to Air, Energy Accounts and Material Flow Accounts using the System of Environmental-Economic Accounting Central Framework *(UN FDES, 2013)*.

Greenhouse Gas emission inventories are compiled based on the guidelines developed by the Intergovernmental Panel on Climate Change, under the auspices of the United Nations Framework Convention on Climate Change (UNFCC). The Philippines ranks third globally when it comes to climate change vulnerability, and is more exposed due to its geographical location and environmental situation. In addition, the Philippines is seen to be more susceptible to extreme events and natural calamities due to climate change *(Second National Communication to the United Nations Framework Convention on Climate Change, 1999)*.

In December 1999, the Philippines reported an initial GHG Inventory of 1994 which was included in the CPES 2014 compilation. An update of the GHG inventory for 2000 was used as basis for CPES 2016. Emissions to air covers greenhouse gas inventories based on the guidelines developed by the Intergovernmental Panel on Climate Change (IPCC).

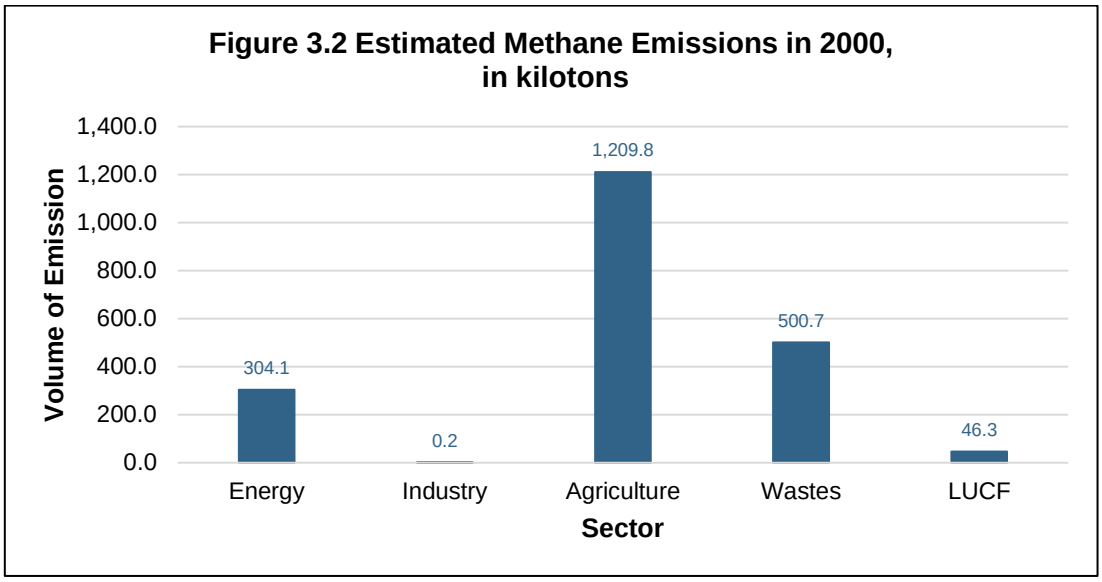
Under this topic, three (3) out of five (5) core statistics were reported: Carbon dioxide (CO_2), Methane (CH_4), and Nitrous Oxide (N_2O). These data were obtained from the Climate Change Division of the Environmental Management Bureau (EMB).

The GHG inventory only covers direct emissions of greenhouse gases by sector. The following figures show how much air emission are released by the different sectors. The Philippines had a total of 71.1 thousand kilotons of carbon dioxide emission, with 62.5 thousand kilotons attributed to the energy sector and the remaining 8.6 thousand kilotons to the industry sector. However, as seen in Figure 3.1, the Land Use Change and Forestry (LUCF) sector sequestrated about 104 thousand kilotons of carbon dioxide. Both the agriculture and wastes sectors had no recorded carbon dioxide emissions.



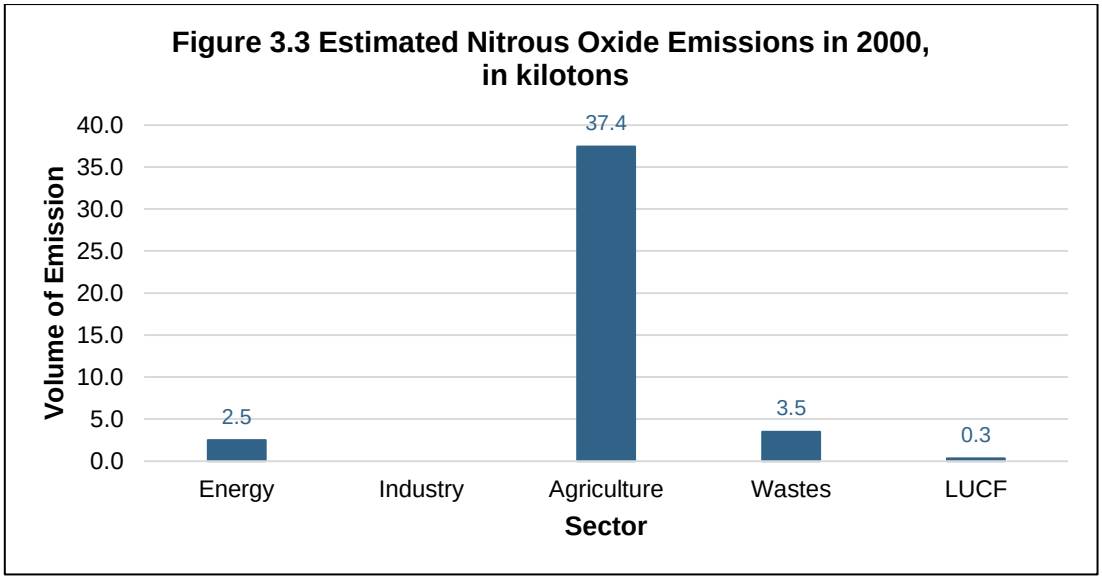
Source: Climate Change Division – Environmental Management Bureau

Meanwhile, a total of approximately 2.1 thousand kilotons of methane were emitted in the country. Figure 3.2 shows that the agriculture sector had the highest emission of 1.2 thousand kilotons with the industry sector posting the lowest at 0.2 kilotons.



Source: Climate Change Division – Environmental Management Bureau

The total nitrous oxide emission in the country was estimated at 43.8 kilotons. Similarly with the methane emission, the agriculture sector was the highest contributor of nitrous oxide emissions with 37.4 kilotons. On the one hand, the LUCF sector had the least nitrous oxide emission with 0.3 kilotons while the industry sector had no recorded emissions (Figure 3.3).



Source: Climate Change Division – Environmental Management Bureau

Overall, the Philippines had a total of 21.8 thousand kilotons of greenhouse gas emissions in 2000, net of the sequestrated carbon by the LUCF sector.

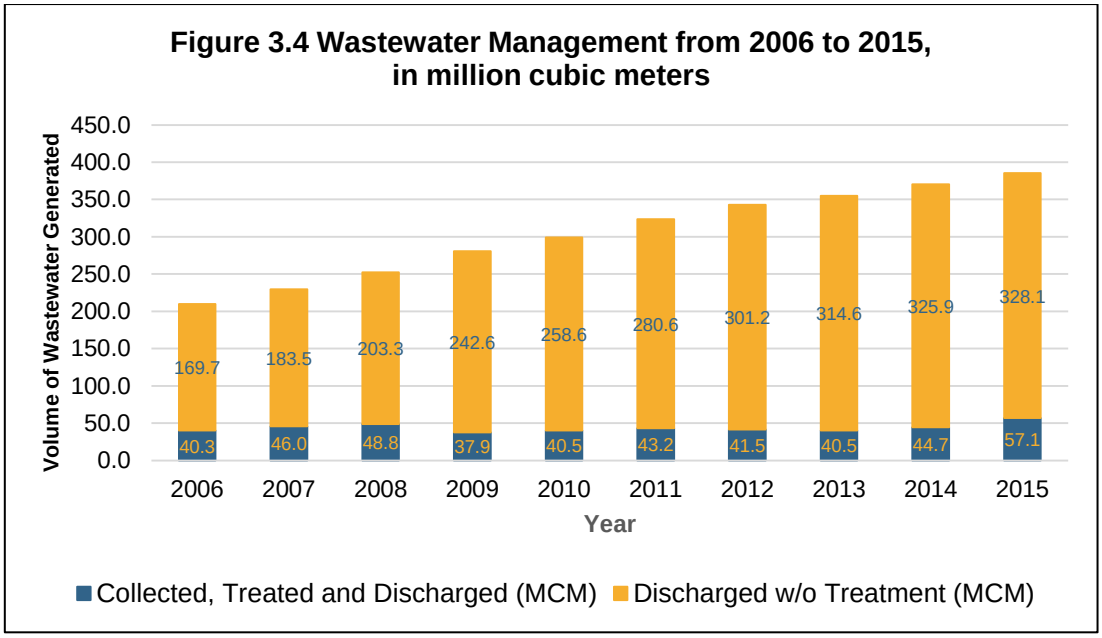
3.2 Generation and Management of wastewater

Wastewater is discarded water no longer required by the owner or user. They are either discharged into sewers, received by treatment facilities, discarded to the environment or reused without prior treatment.

This subcomponent focuses on the generation and management of wastewater. This would be the first compilation of statistics on wastewater in the series of CPES publications. It only covers areas serviced by Maynilad Water in the West Zone of Metro Manila. Statistics on wastewater generated, wastewater collected, wastewater treated and discharged, wastewater discharged without treatment and number of wastewater facilities are the core set of indicators based on the FDES. For CPES 2016, data reported were volume of wastewater generated, collected, treated and disposed, and volume of wastewater disposed without treatment. Number of wastewater disposal facilities was also included in this report.

According to Maynilad Water, the wastewater they collected is treated before being discharged to the environment. The data on wastewater generated is estimated using a generally accepted return rate of 80 percent. The volume of wastewater generated consists of the volumes of wastewater collected, treated and discharged and discharged wastewater without treatment.

Figure 3.4 shows that for the period 2006 to 2015, the wastewater generated increased to 385.2 million cubic meters (mcm) in 2015 from a level of 210.1 mcm in 2006. The volume of collected, treated and discharged wastewater also increased by 16.8 mcm, from 40.3 mcm in 2006 to 57.1 mcm in 2015. An increase in the volume of discharged wastewater without treatment was also recorded, from 169.7 mcm in 2006 to 328.1 mcm in 2015.



Source: Maynilad Water Services, Inc.

3.3 Generation and management of waste

Wastes are discarded materials that are no longer required by the owner or user. It includes materials in solid or liquid state but excludes wastewater and emissions to air, water or soil *(UN FDES, 2013)*.

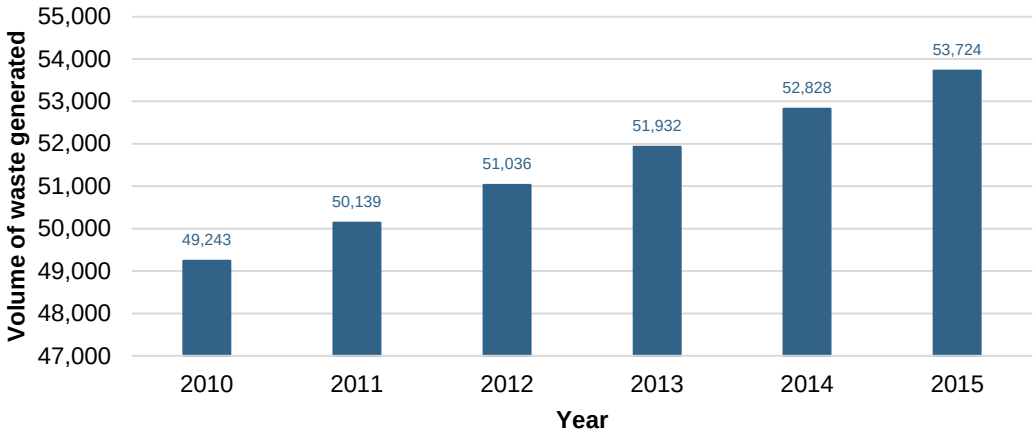
Generation of waste answers questions of who creates it and how much, while management of waste answers where does waste go. The compilation of statistics on the generation of waste is important because solid waste disposed on land and water have negative impacts on human and the ecosystems. Human activities, in the course of production and consumption process, directly affect the environment and often lead to environmental changes in form of depletion and degradation. In order to reduce the amount of waste generated, it is important to increase the portion of waste that is recycled and reused as material or energy source. This is essential to ensure sustainable consumption, production and natural resource management.

The generation and management of waste is related to the physical flow accounts (flows from the economy to the environment) of the SEEA 2012 Central Framework, particularly on accounting for solid waste and environmental protection expenditures.

In the Philippines, the Solid Waste Management Division (SWMD) of the EMB is the primary office in charge of implementing Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 *(NSWMC, 2014)*. The compendium reports proxy indicators for the following core statistics: amount of municipal waste generated; amount of hazardous waste generated; amount of hazardous waste treated by type of treatment disposal; number of hazardous waste treatment and disposal facilities; and amount of recycled waste.

Figure 3.5 presents the projection of waste generation, in thousand tons per day, for years 2010 to 2015. During the six-year period, there was a steady increase in the volume of projected waste generation, from 49.2 thousand in 2010 to 53.7 thousand in 2015. The waste projection is derived as waste generation rate per capita multiplied by the population.

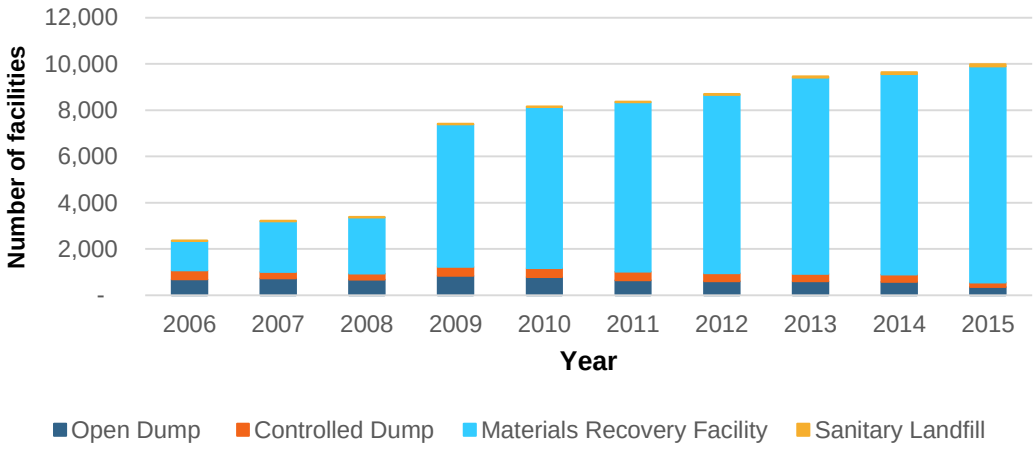
Figure 3.5 Projection of Waste Generation from 2010 to 2015, in thousand tons per day



Source: Solid Waste Management Division - Environmental Management Bureau

There are several types of solid waste disposal facilities in the country. It includes open dumpsite, controlled dumpsite, materials recovery facility (MRF) and sanitary landfill. For the past ten years, the number of solid waste disposal facilities is continuously increasing (Figure 3.6). A 62 percent increase in the total number of solid waste disposal facilities in 2015 was observed compared to that in 2006. MRF operations increased significantly from one thousand facilities (53.8 percent) in 2006 to 9.3 thousand facilities (93.5 percent) in 2015 with the reduced operations for dumpsites.

Figure 3.6 Number of Solid Waste Disposal Facilities from 2006 to 2015

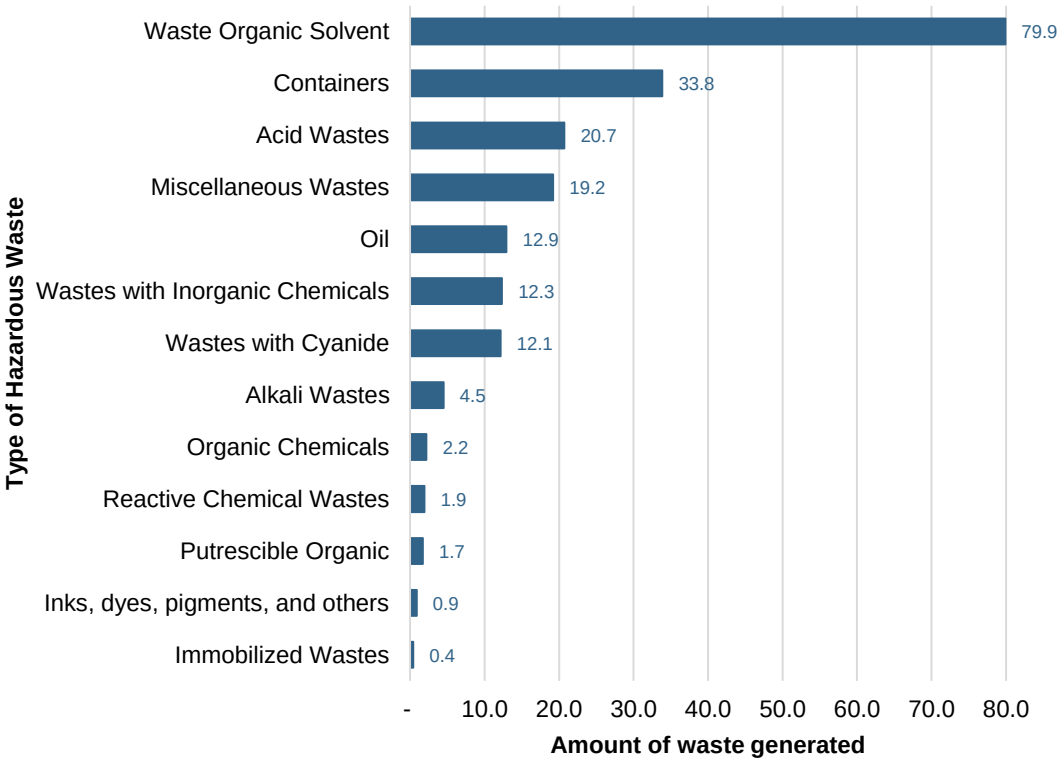


Source: Solid Waste Management Division - Environmental Management Bureau

Hazardous waste is a special group of waste that, due to its toxic or other hazardous character, requires special management and is controlled by law in many countries *(UN FDES, 2013)*. In the Philippines, the management of hazardous wastes is governed by the Republic Act No. 6969, known as the "Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990".

As seen in Figure 3.7, there are 13 types of hazardous wastes *(see Annex for descriptions)*. Among these, waste organic solvent had the highest amount generated with 79.9 million tons of waste for the period 2006 to 2015, collectively. About 98.4 percent of these wastes were generated by Region III (Central Region), 1.3 percent by Region IVA (CALABARZON) and the remaining 0.3 percent by other regions (excluding ARMM). Meanwhile, immobilized wastes had the lowest amount of waste generated (0.4 million tons).

Figure 3.7 Amount of Generated Hazardous Waste from 2006 to 2015, in million tons



Source: Hazardous Waste Management Section - Environmental Management Bureau

Statistical Tables

Residuals

Table 3.1.1
PHILIPPINE GREENHOUSE GAS EMISSIONS
1994
(In kilotons)

Sector and Source Categories	Carbon Dioxide (CO2)	Methane (CH_4)	Nitrous Oxide (N_2O)	Nitrogen Oxide (Nox)	Carbon Monoxide (CO)	Non-Methane Volatile Organic Compounds (NMVOC)	Sulfur Dioxide (SO2)
I. Energy							
A. Fuel Combustion Activities							433.36
1. Energy Industries	15,458	0.51	0.13	38.47	2.83	0.91	
2. Manufacturing Industries	8,980	8.08	1.12	60.93	986.71	13.81	
3. Transport	15,801	2.15	0.14	167.37	719.44	136.77	
4. Commercial/Institutional	3,368	0.06	0	0.63	0.13	0.03	
5. Residential	2,544	72.83	0.92	29.22	1356.21	133.02	
6. Agriculture	1,185	0.11	0.01	1.08	0.22	0.05	
B. Fugitive Emissions from Fuels							
1. Coal Mining		10.32					
2. Oil		0.47		0.62	16.83	7.61	8.94
C. Biomass Emissions	48,490						
Total Emissions from Energy	47,335	94.53	2.31	298	3082	292	442
CO_2 Equivalent	47,335	1985.22	717.16				
Total CO_2 Equivalent	**50,038**						
II. Industry							
A. Cement	4,771						2.87
B. Chemicals		0.33		0.01	0.22	1.46	9.81
C. Asphalt				0	0	0	0
D. Food and Beverages						16.35	
E. Pulp and Paper				0.12	0.44	0.29	0.56
F. Metals	4,318			0.11	0	0.08	2.99
G. Halocarbons	1,507						
Total Emissions from Industry	10,596	0.33	0	0.24	0.66	18.18	16.22
CO_2 Equivalent	10,596	6.95	0				
Total CO_2 Equivalent	**10,603**						
III. Agriculture							
A. Domestic Livestock		333.47	11.27				
B. Rice Cultivation		636.4					
C. Grassland Burning		0.3	0	0.14	7.94		
D. Agriculture Residue Burning		20.3	0.5	18.1	427.3		
E. Agricultural Soils			28				
Total Emissions from Agriculture		990.47	39.77	18.24	435.24		
CO_2 Equivalent		20,799.89	12,329.63				
Total CO_2 Equivalent	**33,130**						
IV. Wastes							
A. Solid Wastes		202.53					
B. Domestic/Commercial Wastewater		46.02					
C. Industrial Wastewater		43.83					
D. Human Sewage			3.08				
Total Emissions from Wastes		292.38	3.08				
CO_2 Equivalent		6,140.06	953.94				
Total CO_2 Equivalent	7,094						
V. Land Use Change and Forestry							
A. Change in Forest/Woody Biomass	-68,323						
B. Forest/Land Use Change	65,549	114.41	0.79	28.43	1001.11		
Total Emissions from LUCF	-2,774	114.41	0.79				
CO_2 Equivalent	-2,774	2,403	245				
Total CO_2 Equivalent	-126						
Total National GHG Emissions	**55,157**	**1,492**	**46**	**317**	**3,518**	**310**	**459**
CO_2 Equivalent	**55,581**	**31,335**	**14,246**				
Total National CO_2 Equivalent	**100,739**						

Source: The Philippines' Initial National Communication on Climate Change, 1999
Link: unfccc.int/resource/docs/natc/phinc1.pdf

Table 3.1.2
PHILIPPINE GREENHOUSE GAS EMISSIONS
2000
(In kilotons)

Sector and Source Catogories	Carbon Dioxide (CO_2)	Methane (CH_4)	Nitrous Oxide (N_2O)
I. Energy			
1. Energy Industries	21,127.35	0.4	0.27
2. Manufacturing Industries and Construction	9,015.30	1.91	0.28
3. Transport	25,792.03	3.45	0.23
4. Other Sectors	6,564.42	130.29	1.74
5. Solid Fuels		1.6	
6. Oil and Natural Gas		166.49	
Total Emissions from Energy	62,499.10	304.14	2.52
Total CO_2 Equivalent	**69,667.24**		
II. Industry			
1. Mineral Products			
A. Cement	5,659.24		
B. Lime	1,283.77		
C. Limestone and Dolomite	905.15		
D. Misc. Minerals	63.59		
Chemical Industry	54	0.24	59.04
Metal Production	639		
Total Emissions from Industry	8,604.74	0.24	
Total CO_2 Equivalent	**8,609.78**		
III. Agriculture			
1. Enteric Fermentation		314.5	
2. Manure Management		87.43	7.99
3. Rice Cultivation		782.71	
4. Agricultural Soils			28.81
5. Prescribed Burning of Savannahs		0.73	0.01
6. Field Burning of Agricultural Residues		24.42	0.6
Total Emissions from Agriculture		1,209.79	37.41
Total CO_2 Equivalent	**37,002.69**		
IV. Wastes			
1. Solid Waste Disposal on Land		259.39	
2. Waste Water Handling		241.28	3.5
Total Emissions from Wastes		500.67	3.5
Total CO_2 Equivalent	**11,599.07**		
V. Land Use Change and Forestry			
A. Change in Forest/Woody Biomass	-77,526.65		
B. Forest and Grassland Conversion	-26,513.64	46.28	0.32
Total Emissions from LUCF	-104,040.29	46.28	0.32
Total CO_2 Equivalent	**-105,111.37**		
Total National GHG Emissions (CO_2-e)	**21,767.41**		

Source: Second National Communication to the United Nations Framework Convention on Climate Change
Link: unfccc.int/resource/docs/natc/phlnc2.pdf

Table 3.2
GENERATION AND MANAGEMENT OF WASTEWATER
2006 to 2015
(in million cubic meters, mcm)

Year	Wastewater Generated	Collected, Treated and Discharged	Discharged w/o Treatment	No. of Wastewater Facilities
2006	210.1	40.3	169.7	2
2007	229.5	46.0	183.5	2
2008	252.2	48.8	203.3	2
2009	280.2	37.9	242.6	3
2010	299.1	40.5	258.6	3
2011	323.8	43.2	280.6	5
2012	342.7	41.5	301.2	7
2013	355.1	40.5	314.6	14
2014	370.6	44.7	325.9	16
2015	385.2	57.1	328.1	19

Notes:

Data are based only from Maynilad's customers in the West Zone. Data unavailable for non-customers.

The wastewater generated is calculated using a generally accepted return rate of 80%.

All waste water collected are treated prior to its discharge to the receiving body of water.
Wastewater discharged without treatment is the difference between wastewater generated and wastewater treated.

Source: Maynilad Water

Table 3.3
PROJECTION OF WASTE GENERATION BY REGION
2010 to 2015
(tons per day)

Region	2010	2011	2012	2013	2014	2015
NCR	7,914.23	8,058.27	8,202.31	8,346.35	8,490.38	8,634.42
CAR	752.663	766.36	780.06	793.76	807.46	821.16
I	2,248.22	2,289.14	2,330.06	2,370.98	2,411.89	2,452.81
II	1,473.49	1,500.31	1,527.13	1,553.94	1,580.76	1,607.58
III	5,383.06	5,481.03	5,579.00	5,676.97	5,774.94	5,872.91
IV-A	7,171.74	7,302.26	7,432.79	7,563.31	7,693.84	7,824.36
IV-B	1,308.37	1,332.18	1,356.00	1,379.81	1,403.62	1,427.43
V	2,512.17	2,557.89	2,603.61	2,649.33	2,695.05	2,740.77
VI	3,635.71	3,701.88	3,768.05	3,834.22	3,900.39	3,966.56
VII	3,554.00	3,618.68	3,683.36	3,748.04	3,812.73	3,877.41
VIII	1,784.84	1,817.33	1,849.81	1,882.30	1,914.78	1,947.26
IX	1,612.03	1,641.36	1,670.70	1,700.04	1,729.38	1,758.72
X	2,226.15	2,266.67	2,307.18	2,347.70	2,388.21	2,428.73
XI	2,605.39	2,652.81	2,700.23	2,747.65	2,795.07	2,842.48
XII	2,488.10	2,533.38	2,578.66	2,623.95	2,669.23	2,714.51
XIII	1,204.62	1,226.55	1,248.47	1,270.40	1,292.32	1,314.24
ARMM	1,368.38	1,393.29	1,418.19	1,443.10	1,468.00	1,492.91
TOTAL	49,243.15	50,139.38	51,035.61	51,931.83	52,828.06	53,724.28

Source : Environmental Management Bureau (EMB) - Solid Waste Management Division (SWMD)

Table 3.4.1
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2006
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		132,888.8	13,998.2	187,162.6	9,514,528.3	22,205.1	20,698.0
NCR	National Capital Region	541.2	1,467.8	1,538.9	3,705.2	18,611.9	4,713.1
CAR	Cordillera Administrative Region	0.0	0.7	605.4	6.3	2.8	0.0
I	Ilocos Region	0.0	0.1	0.0	0.1	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	122.1	1,152.3	2,701.8	44,242.1	86.0	808.5
IV-A	CALABARZON	501.0	10,660.9	24,187.4	9,465,952.4	2,339.8	15,078.7
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	3,714.8	0.4	169.9	28.2	1.7	0.0
VI	Western Visayas	0.0	21.2	92.4	9.7	0.0	0.0
VII	Central Visayas	21.1	337.6	153,676.2	29.9	80.3	82.2
VIII	Eastern Visayas	46.6	0.0	0.0	146.6	0.0	0.0
IX	Zamboanga Peninsula	120,758.0	16.1	28.6	0.0	0.0	0.0
X	Northern Mindanao	0.0	105.0	345.0	1.8	0.0	0.0
XI	Davao Region	0.0	1.0	3,441.2	404.8	1,047.1	0.2
XII	SOCCSKARGEN	0.0	0.0	0.0	0.0	0.5	9.1
XIII	Caraga	7,184.0	235.2	375.7	1.2	35.0	6.2

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.2
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2007
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		922,995.4	12,372.7	38,138.6	52,289.0	10,310.6	7,567.1
NCR	National Capital Region	4.3	824.5	330.7	6,046.3	6,123.3	320.7
CAR	Cordillera Administrative Region	0.0	0.0	0.0	0.0	0.8	3.9
I	Ilocos Region	0.0	0.6	5.0	10.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.3
III	Central Luzon	75.5	835.4	21.7	637.4	2,816.2	1,246.9
IV-A	CALABARZON	694.5	8,432.1	4,835.0	35,805.1	1,211.4	5,833.2
IV-B	MIMAROPA	0.0	0.0	0.0	3.6	0.0	0.0
V	Bicol Region	20.1	0.8	10.3	26.7	0.0	3.5
VI	Western Visayas	0.0	14.9	162.3	7.4	0.0	0.0
VII	Central Visayas	152.3	2,035.7	32,354.0	265.7	156.7	152.0
VIII	Eastern Visayas	0.0	0.0	0.0	9,482.2	0.0	0.0
IX	Zamboanga Peninsula	922,042.0	46.5	81.8	0.0	1.2	0.0
X	Northern Mindanao	0.0	3.0	2.0	2.0	0.0	0.0
XI	Davao Region	0.0	0.0	0.0	0.0	0.0	0.0
XII	SOCCSKARGEN	0.0	0.0	0.0	0.0	0.0	0.3
XIII	Caraga	6.6	179.2	335.8	2.6	0.9	6.3

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.1 ***(Continued)***

Waste Organic Solvent	Putrescible Organic	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
127,392.6	4,851.6	800,258.5	8,522.6	14,205.9	26,616.0	912,724.4	11,786,052.7
3,396.5	4,163.7	3,313.4	1,177.1	5,013.9	264.7	890,997.2	938,904.6
10.0	0.0	65.9	0.0	0.0	1.5	0.0	692.5
53.8	0.0	11.3	0.0	0.0	0.0	12.6	77.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.6	0.7	1,273.5	938.3	6,807.7	1,429.3	84.5	59,744.3
5,681.0	550.4	23,642.3	2,174.7	906.9	808.6	1,071.1	9,553,555.4
0.0	0.0	671,557.3	0.0	0.0	0.0	0.0	671,557.3
5.2	11.3	146.9	3.5	1,475.2	0.1	71.0	5,628.2
0.0	0.0	454.8	241.4	0.0	0.0	20,008.2	20,827.7
1,307.0	5.4	575.4	176.0	1.6	3.7	1.1	156,297.5
0.0	0.0	14,246.4	0.0	0.0	0.0	0.0	14,439.7
0.4	120.2	107.9	0.0	0.0	0.0	31.7	121,062.7
0.0	0.0	77,154.0	27.0	0.0	24,078.6	0.0	101,711.4
116,738.2	0.0	6,426.1	3,784.2	0.0	9.5	265.9	132,118.0
72.9	0.0	500.0	0.0	0.0	0.0	150.0	732.5
30.0	0.0	783.3	0.3	0.6	20.2	31.1	8,702.9

Table 3.4.2 ***(Continued)***

Waste Organic Solvent	Putrescible Organic	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
7,641.3	10,726.2	52,355.5	2,765.6	4,270.3	831.1	7,984.1	1,130,247.4
405.3	6,619.8	2,670.4	265.6	61.3	150.1	5,341.0	29,163.2
7.2	0.0	2.0	0.0	0.0	0.0	0.0	13.9
18.4	148.8	1,521.7	0.0	0.0	17.3	180.5	1,902.3
3,250.0	0.0	8.7	0.0	0.0	0.0	0.7	3,259.7
188.1	0.2	10,671.1	884.0	988.1	7.7	35.2	18,407.6
3,674.7	3,708.7	10,063.6	1,392.7	716.7	625.8	2,234.7	79,228.3
0.0	0.0	688.9	0.0	0.0	0.0	1.0	693.5
0.0	0.0	401.9	0.6	2,397.0	2.1	54.4	2,917.4
0.0	0.0	771.3	0.2	0.0	4.2	11.6	971.9
96.3	6.6	239.4	37.6	107.2	21.3	32.9	35,657.6
0.0	0.0	1.1	0.0	0.0	0.0	0.0	9,483.3
1.0	0.0	493.0	54.3	0.0	0.0	10.0	922,729.8
0.0	0.0	24,000.0	2.4	0.0	2.5	20.0	24,031.9
0.0	154.9	39.4	35.2	0.0	0.0	1.2	230.7
0.2	0.0	298.6	0.0	0.0	0.0	26.0	325.1
0.0	87.3	484.4	93.0	0.0	0.2	35.0	1,231.2

Table 3.4.3
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2008
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		5,551,041.7	19,664,161.5	1,966,258.2	532,250.9	1,411,981.7	525,517.4
NCR	National Capital Region	9.2	296.7	282.8	2,157.5	503.9	482.6
CAR	Cordillera Administrative Region	0.0	0.2	0.0	0.0	0.0	0.0
I	Ilocos Region	0.0	0.0	0.3	42.0	0.0	0.1
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	5,421,873.9	19,628,798.7	1,923,043.5	464,579.4	1,405,019.2	514,226.5
IV-A	CALABARZON	500.7	31,975.5	18,173.2	48,078.4	1,044.2	5,666.8
IV-B	MIMAROPA	0.0	0.0	0.0	4.8	0.0	0.0
V	Bicol Region	228.4	5.1	35.3	1,957.0	5.8	0.5
VI	Western Visayas	0.0	923.4	222.4	4.2	0.0	0.0
VII	Central Visayas	11.5	2,012.1	22,341.7	201.9	254.9	132.9
VIII	Eastern Visayas	0.0	0.0	0.0	12,437.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	4.8	2.5	0.0	0.2
X	Northern Mindanao	0.0	1.8	1.0	160.1	9.2	0.0
XI	Davao Region	117,863.0	0.0	1,493.8	2,614.0	142.6	5.6
XII	SOCCSKARGEN	0.0	0.0	0.0	0.0	5,000.0	5,000.0
XIII	Caraga	10,555.0	148.1	659.4	11.9	1.9	2.3

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.4
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2009
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		258,304.1	5,654.9	200,947.4	54,623.3	7,547.4	9,839.1
NCR	National Capital Region	7.8	477.2	48.4	1,202.6	98.4	563.4
CAR	Cordillera Administrative Region	4,703.0	0.6	14.7	0.0	0.0	0.5
I	Ilocos Region	0.0	0.2	0.0	85.9	0.0	0.1
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	61.8	540.6	145,035.1	35,050.0	1,834.0	435.3
IV-A	CALABARZON	85.3	2,621.8	1,766.1	7,350.1	345.0	1,920.9
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	208.1	17.1	0.3	5.9	0.0	0.0
VI	Western Visayas	0.0	13.6	118.8	24.9	0.0	0.0
VII	Central Visayas	17.1	1,665.5	45,667.4	8,805.3	106.3	195.7
VIII	Eastern Visayas	0.0	0.0	2,021.0	538.9	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	1.0	0.0	1.8
X	Northern Mindanao	0.0	0.3	88.0	7.4	0.0	0.0
XI	Davao Region	172,084.0	1.2	5,619.7	1,542.1	157.6	1,718.6
XII	SOCCSKARGEN	0.0	206.0	0.0	0.0	5,001.1	5,000.0
XIII	Caraga	81,137.0	110.8	567.8	9.2	5.1	2.9

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.3 ***(Continued)***

Waste Organic Solvent	Putrescible Organic	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
78,369,455.3	29,490.0	3,750,531.3	33,196,201.9	397,468.6	2,154,457.8	17,390,465.2	164,939,281.4
90.4	14.9	2,669.2	341.7	159.4	88.1	6,820.5	13,916.7
0.0	0.0	3.6	0.0	0.0	0.0	0.0	3.8
2.5	869.3	434.5	0.0	1.0	0.2	61.5	1,411.5
2.0	0.0	0.1	0.0	0.0	0.0	0.0	2.1
78,363,864.9	4.3	3,384,069.9	33,132,236.2	356,464.3	2,154,005.4	17,326,188.3	164,074,374.5
5,313.2	209.2	10,702.8	2,752.1	38,277.7	126.3	56,729.5	219,549.6
0.0	0.0	2,469.8	0.0	0.0	0.0	0.1	2,474.7
0.0	0.0	742.8	2.3	2,139.0	165.0	151.2	5,432.4
0.1	0.0	3,059.3	0.0	0.0	5.8	24.2	4,239.4
75.8	23.9	674.4	80.1	427.2	65.0	5.7	26,307.0
0.0	0.0	1,236.4	0.0	0.0	0.0	0.0	13,673.5
0.0	0.1	278.5	0.0	0.0	0.0	7.6	293.6
5.0	150.0	38.4	0.3	0.0	2.0	24.0	391.8
0.0	28,127.7	218,236.6	60,271.7	0.0	0.0	62.4	428,817.3
100.0	2.0	125,004.2	500.0	0.0	0.0	70.0	135,676.2
1.4	88.7	910.7	17.6	0.0	0.0	320.2	12,717.2

Table 3.4.4 ***(Continued)***

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
3,525.1	912,373.6	302,589.1	129,170.9	5,290.4	210.3	10,575.3	1,900,650.7
672.1	78.8	1,391.4	135.1	544.6	20.8	6,786.5	12,027.1
0.0	0.0	45.4	0.0	0.3	0.0	6.0	4,770.6
1.3	198.1	18,801.5	0.1	0.0	3.9	610.2	19,701.3
22.2	0.0	0.2	0.0	0.0	0.0	0.4	22.7
226.5	13.5	2,646.5	6,175.2	3,430.8	54.8	788.6	196,292.6
2,495.7	111.8	5,398.4	1,313.8	1,310.6	76.2	452.8	25,248.4
0.0	0.0	114.6	0.0	0.0	0.0	0.0	114.6
0.0	14.0	6,682.0	90.4	0.0	0.0	255.7	7,273.4
0.0	0.0	1,897.6	0.0	0.0	8.4	6.3	2,069.7
99.2	24.2	134,858.8	1,337.0	4.2	42.2	9.3	192,832.2
0.0	0.0	387.0	0.0	0.0	0.0	0.0	2,946.9
0.0	0.1	66.2	0.0	0.0	0.0	1.8	70.9
8.0	1.4	237.0	10.2	0.0	4.0	4.7	361.0
0.0	911,740.5	3,284.3	119,593.8	0.0	0.0	73.0	1,215,814.7
0.0	0.0	125,174.2	500.0	0.0	0.0	870.0	136,751.3
0.0	191.2	1,604.1	15.4	0.0	0.0	710.1	84,353.5

Table 3.4.5
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2010
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		936,881.2	9,937.9	98,751.6	77,161.2	805.8	9,911.0
NCR	National Capital Region	1.7	1,579.9	87.2	1,875.6	59.6	938.4
CAR	Cordillera Administrative Region	23,180.8	743.3	2,422.8	21.0	0.0	13.2
I	Ilocos Region	0.0	0.0	2.2	47.6	0.0	532.8
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	99.6	995.9	260.1	39,689.0	348.6	5,295.2
IV-A	CALABARZON	1,945.7	1,420.5	2,964.8	4,726.8	124.2	1,850.6
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	4,760.2	233.9	18.5	31.9	0.0	0.0
VI	Western Visayas	0.0	899.2	197.2	28.5	0.0	0.0
VII	Central Visayas	86.9	3,577.5	43,777.9	13,169.5	235.8	224.3
VIII	Eastern Visayas	0.0	0.0	0.0	16,308.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	15.6	0.4	5.4	1.6
X	Northern Mindanao	0.0	0.2	0.0	1.0	0.0	0.0
XI	Davao Region	761,970.9	13.9	48,204.0	956.3	0.0	1,052.7
XII	SOCCSKARGEN	0.0	0.0	0.0	300.0	0.0	0.0
XIII	Caraga	144,835.4	473.5	801.3	5.8	32.2	2.1

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.6
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2011
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		3,054,611.8	12,653.4	187,711.0	283,643.5	1,990.0	77,409.0
NCR	National Capital Region	4.1	1,423.8	245.5	956.8	33.8	59,014.4
CAR	Cordillera Administrative Region	2,428,515.0	1.2	2,552.0	15.2	0.0	17.3
I	Ilocos Region	0.0	0.0	0.0	22.3	0.0	1,426.9
II	Cagayan Valley	0.0	0.3	0.0	0.0	0.0	0.0
III	Central Luzon	220.6	620.7	221.9	39,969.3	1,143.1	275.3
IV-A	CALABARZON	7,241.9	5,541.3	11,654.2	205,561.7	619.8	15,456.4
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	7,020.5	6.9	13,402.8	603.1	0.0	0.0
VI	Western Visayas	0.0	5.7	162.4	51.9	0.0	0.0
VII	Central Visayas	84.2	4,059.0	64,308.7	16,939.1	191.2	159.9
VIII	Eastern Visayas	0.0	0.0	91,275.0	19,478.0	0.0	4.0
IX	Zamboanga Peninsula	0.0	1.0	1.7	0.1	0.2	0.0
X	Northern Mindanao	0.0	0.0	0.0	0.7	0.0	0.0
XI	Davao Region	353,334.0	15.2	2,438.6	0.0	0.0	1,053.1
XII	SOCCSKARGEN	0.0	0.0	0.0	40.0	0.0	0.0
XIII	Caraga	258,191.5	978.3	1,448.1	5.5	1.9	1.6

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.5 ***(Continued)***

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
4,472.6	28,596.9	136,211.9	3,174.9	16,475.9	982.6	23,142.5	1,346,506.0
175.2	59.8	1,255.5	56.1	964.9	5.5	1,656.4	8,716.1
19.2	0.0	186.0	0.0	0.0	60.6	0.0	26,646.9
0.0	213.1	3,686.0	4.3	17.0	0.1	324.6	4,827.8
98.0	0.0	1.2	0.0	0.0	0.0	5.0	104.2
202.3	22.0	19,684.5	201.8	4,662.1	9.4	215.3	71,685.9
3,613.5	60.0	13,087.2	2,834.0	1,075.3	156.7	523.1	34,382.4
0.0	0.0	109.1	0.0	0.0	0.0	0.0	109.1
3.0	0.0	8,652.8	40.7	9,729.3	732.5	244.6	24,447.3
0.0	0.0	975.2	0.0	0.0	4.2	5.9	2,110.2
356.8	44.5	2,543.9	14.5	27.2	0.0	108.4	64,167.2
0.0	0.0	37.0	0.0	0.0	0.0	0.0	16,345.0
0.0	0.2	704.4	0.0	0.0	0.0	4.8	732.3
0.0	0.0	12.2	0.1	0.0	3.0	5.2	21.6
2.4	28,193.5	84,424.6	0.0	0.0	0.0	1,091.8	925,910.1
2.0	0.0	80.0	8.0	0.0	2.1	40.0	432.1
0.2	3.9	772.4	15.4	0.0	8.4	18,917.3	165,867.8

Table 3.4.6 ***(Continued)***

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
817,424.3	70,799.7	404,632.0	27,085.2	23,878.8	581.2	16,920.2	4,979,340.1
194.2	62.4	2,002.9	221.6	393.7	24.1	2,445.7	67,023.0
11.9	0.0	93.2	0.3	0.0	72.4	0.0	2,431,278.4
0.2	261.3	913.4	5.6	22.5	0.1	234.9	2,887.4
121.3	0.0	5.4	7.1	0.0	0.0	344.0	478.1
348.0	11.9	851.3	175.2	1,097.1	3.5	335.6	45,273.5
816,544.9	560.0	57,709.7	26,460.9	1,147.4	426.0	8,085.1	1,157,009.5
0.0	0.0	65.7	0.0	0.0	0.0	0.0	65.7
0.4	0.0	787.8	0.4	20,818.4	4.4	297.4	42,942.1
0.0	0.0	252.7	0.0	0.0	0.0	1.6	474.2
200.9	30.4	1,093.6	14.1	20.6	45.7	265.5	87,412.9
0.0	0.3	266.2	0.0	379.0	0.0	969.8	112,372.3
0.0	0.1	322.2	0.1	0.0	0.0	3.9	329.4
0.1	0.0	44.0	0.0	0.0	0.0	7.8	52.6
2.4	69,871.3	339,553.1	0.0	0.0	0.0	3,168.8	769,436.5
0.0	0.0	45.5	200.0	0.0	0.0	130.0	415.5
0.0	1.9	625.2	0.0	0.0	5.1	630.0	261,889.1

Table 3.4.7
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2012
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		112,620.5	281,167.0	53,086.0	29,082.0	337.1	5,475.1
NCR	National Capital Region	381.6	1,166.1	1,077.9	1,198.2	8.3	1,596.5
CAR	Cordillera Administrative Region	0.0	0.0	0.0	0.0	0.0	0.0
I	Ilocos Region	251.7	0.1	3,514.7	9.4	0.0	10.4
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	0.0	271,502.7	1,629.5	0.0	19.4	1.7
IV-A	CALABARZON	205.0	8,284.3	45,260.2	25,838.3	309.4	3,103.3
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	40,458.6	1.4	0.0	667.7	0.0	0.0
VI	Western Visayas	0.0	0.0	0.0	0.0	0.0	0.0
VII	Central Visayas	0.0	0.0	0.0	0.0	0.0	0.0
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	12.9	299.3	0.0	2.4
X	Northern Mindanao	0.0	0.0	0.0	0.0	0.0	0.0
XI	Davao Region	21,751.0	0.1	650.8	0.4	0.0	738.1
XII	SOCCSKARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	49,572.6	212.2	940.0	1,068.6	0.0	22.7

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.8
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2013
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		565,841.0	100,891.2	195,009.4	269,815.9	464,668.2	10,418.4
NCR	National Capital Region	18.2	1,501.5	770.2	787.2	5.6	2,144.4
CAR	Cordillera Administrative Region	0.0	0.0	0.0	0.0	0.0	0.0
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	304.0	1,223.6	55,950.0	454.0	195.0	599.5
IV-A	CALABARZON	306,552.9	91,608.3	98,643.9	265,760.9	464,465.8	6,157.1
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	0.0	0.0	0.0	0.0	0.0	0.0
VI	Western Visayas	1.6	67.9	37,620.2	2,717.9	0.0	810.5
VII	Central Visayas	0.0	0.0	0.0	0.0	0.0	0.0
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	7.1	7.1	0.4	0.0	2.2
X	Northern Mindanao	0.0	70.6	54.5	63.0	1.8	1.4
XI	Davao Region	18,255.0	2.5	635.7	0.4	0.0	702.8
XII	SOCCSKARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	240,709.4	6,409.7	1,327.9	32.0	0.0	0.4

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.7 ***(Continued)***

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
165,137.0	23,958.8	72,674.8	13,856.4	3,401.8	36.9	19,689.4	780,522.7
467.2	344.8	2,045.2	289.1	720.6	9.1	5,406.1	14,710.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	99.6	312.7	5.7	23.7	2.7	143.9	4,374.6
0.0	251.7	7.3	15.2	0.0	0.0	5.0	279.2
168.9	4.7	234.0	3.4	1,439.0	0.0	4,844.9	279,848.2
164,500.9	377.7	13,233.6	13,293.2	1,218.5	19.0	7,202.8	282,846.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	41,127.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	599.0	59.8	0.0	0.0	5.2	978.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22,877.0	53,286.0	0.0	0.0	0.0	1,876.3	101,179.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	3.3	2,957.1	190.0	0.0	6.0	205.3	55,177.9

Table 3.4.8 ***(Continued)***

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
352,381.2	620,720.1	5,918,533.7	432,478.3	1,486.1	115.0	44,597.6	8,976,956.0
451.8	591,730.7	2,590.2	283.1	321.7	76.4	5,736.9	606,417.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	0.0	6.8	30.0	0.0	0.0	12.0	73.8
331,636.0	6,762.7	981,384.3	428,230.0	248.9	2.7	2,193.1	1,809,183.9
20,268.0	590.0	4,682,979.3	3,682.2	914.9	30.9	2,278.3	5,943,932.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	231,140.8	211.4	0.0	0.0	26,720.5	299,290.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	2,244.5	27.6	0.0	0.0	5,784.8	8,073.6
0.1	97.4	1,675.8	14.0	0.6	0.9	2.9	1,983.1
0.3	21,532.3	12,431.0	0.0	0.0	0.0	1,611.3	55,171.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	6.9	4,080.9	0.0	0.0	4.2	257.7	252,829.2

Table 3.4.9
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2014
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		190,714.5	271,959.3	579,074.3	806,358.7	63.2	134,881.3
NCR	National Capital Region	41,814.0	2,669.6	560.3	43,102.6	27.9	1,705.4
CAR	Cordillera Administrative Region	0.0	0.0	0.0	0.0	0.0	0.0
I	Ilocos Region	0.0	1.4	425.0	30.8	0.0	7.4
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	0.0	0.0	0.0	0.0	0.0	0.0
IV-A	CALABARZON	88.4	268.2	1,081.8	3,264.7	29.6	1,775.4
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	25,137.4	1.9	165.4	611,409.4	0.0	0.0
VI	Western Visayas	0.0	87.0	272.5	10.5	4.8	0.0
VII	Central Visayas	371.6	2,276.7	79,607.3	143,915.8	0.6	128,865.6
VIII	Eastern Visayas	0.0	0.0	0.0	405.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.5	3.8	9.1	0.0	0.1
X	Northern Mindanao	0.0	266,544.5	495,190.2	183.1	0.2	47.1
XI	Davao Region	106,140.5	2.7	1,708.0	1,153.1	0.0	1,951.4
XII	SOCCSKARGEN	0.0	98.6	0.0	0.0	0.0	0.0
XIII	Caraga	17,162.6	8.2	60.0	2,874.5	0.0	529.1

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.10
AMOUNT OF GENERATED HAZARDOUS WASTE BY TYPE AND BY REGION
2015
(tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		401,467.4	317,403.6	983,030.1	710,107.4	330.4	67,807.1
NCR	National Capital Region	4.6	757.1	7,351.2	1,502.6	23.2	4,477.0
CAR	Cordillera Administrative Region	212,924.3	37.3	4,245.1	76.5	0.0	157.3
I	Ilocos Region	0.0	0.8	440.1	58.1	0.0	14.7
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	1,355.0	5,795.0	1,902.0	83,139.0	0.1	34,642.0
IV-A	CALABARZON	745.6	11,644.7	35,972.3	582,670.4	301.7	12,352.1
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	6,483.8	1.6	0.5	1,248.2	0.0	171.6
VI	Western Visayas	0.0	0.0	2.0	1.4	0.0	2.2
VII	Central Visayas	280.9	1,021.9	215,490.7	32,853.0	5.1	14,553.9
VIII	Eastern Visayas	0.0	1,627.0	0.0	8,296.3	0.0	10.1
IX	Zamboanga Peninsula	0.0	2.0	1.5	1.4	0.0	1.4
X	Northern Mindanao	0.0	296,159.6	550,211.0	255.7	0.2	53.2
XI	Davao Region	1,876.5	355.5	69,228.5	3.3	0.0	1,371.2
XII	SOCCSKARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	177,796.7	1.0	98,185.2	1.4	0.0	0.3

Source : Environmental Management Bureau, Hazardous Waste Management Section

Table 3.4.9 ***(Continued)***

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
27,970.1	513.1	144,694.3	13,448.2	4,846.7	2,302.4	322,161.6	2,498,987.7
1,083.8	205.5	45,415.3	532.9	1,186.9	16.6	49,286.8	187,607.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	423.7	13.2	5.6	21.3	539.5	1,467.9
0.0	0.0	18.3	2.3	0.0	0.0	31.0	51.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1,672.3	37.9	3,715.9	6,370.4	221.6	511.4	254,631.7	273,669.5
0.0	0.0	65.0	0.0	0.0	0.0	0.1	65.2
0.2	0.0	624.3	1,900.5	5.0	5.4	373.3	639,622.9
3.5	0.0	683.9	101.2	0.0	1.6	134.3	1,299.3
25,195.6	94.1	67,824.9	188.3	3,209.7	0.7	326.2	451,877.1
13.3	0.0	88.0	0.0	0.2	0.0	2.1	508.6
0.0	0.0	660.2	0.0	0.0	0.0	14.7	688.5
0.8	160.3	20,645.0	193.5	217.6	38.7	3,261.3	786,482.3
0.2	9.1	3,322.0	1,401.9	0.0	0.0	900.5	116,589.3
0.4	0.0	151.0	10.1	0.0	0.0	20.8	280.9
0.0	6.2	1,056.6	2,734.0	0.0	1,706.7	12,639.2	38,777.0

Table 3.4.10 ***(Continued)***

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
33,822.5	5,365.7	1,351,706.0	15,564.6	2,377.2	928.8	442,311.4	4,332,222.3
364.3	371.0	98,156.1	1,201.1	843.0	33.2	103,668.6	218,753.0
55.8	26.5	99.8	7.5	0.0	124.8	54.2	217,809.1
0.0	0.0	280.3	15.5	14.8	31.6	1,174.6	2,030.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26,376.0	420.0	1,162,336.0	2,740.0	413.0	0.5	24,958.0	1,344,076.6
6,421.9	2,214.4	55,879.9	2,448.6	938.2	726.7	263,870.1	976,186.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	0.0	340.0	53.6	0.0	0.0	337.7	8,637.6
2.7	0.2	806.3	21.6	0.3	2.9	1,110.8	1,950.4
588.2	1,916.8	6,199.8	4,703.6	11.2	0.5	397.0	278,022.5
11.4	0.0	175.9	1.3	0.0	0.0	552.4	10,674.4
0.0	0.0	483.7	0.0	0.0	0.0	37.3	527.3
0.9	178.2	21,334.7	215.5	156.7	3.8	3,362.4	871,931.9
0.5	238.5	4,637.3	4,153.4	0.0	3.2	38,604.1	120,472.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.2	976.5	2.8	0.0	1.7	4,184.3	281,150.2

Table 3.5
NUMBER OF SOLID WASTE DISPOSAL FACILITIES BY REGION
2006 to 2015
(tons per day)

Region	2006				2007			
	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill
Philippines	692	388	1,265	8	733	280	2,186	15
NCR	1	3	257	0	0	0	456	1
CAR	10	3	54	0	10	2	54	1
I - Ilocos Region	63	21	105	1	81	33	141	2
II - Cagayan Valley	19	14	37	0	47	10	41	0
III - Central Luzon	81	15	47	2	66	7	58	2
IVA - CALABARZON	57	91	117	1	35	50	151	2
IVB - MIMAROPA	23	21	20	0	36	13	34	2
V - Bicol Region	77	13	77	0	74	13	77	0
VI - Western Visayas	100	24	134	1	80	13	153	1
VII - Central Visayas	79	47	47	2	124	52	108	3
VIII - Eastern Visayas	9	16	45	0	77	13	158	0
IX - Zamboanga Peninsula	59	11	40	0	21	7	48	0
X - Northern Mindanao	40	40	91	0	36	31	187	0
XI - Davao Region	4	28	139	0	0	23	426	0
XII - SOCCSKSARGEN	20	22	22	1	0	0	44	0
XIII - Caraga Region	50	19	33	0	46	13	49	0
ARMM	0	0	0	0	0	0	1	1

Table 3.5 ***(Continued)***

Region	2011				2012			
	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill
Philippines	644	380	7,312	34	606	339	7,713	44
NCR	0	0	935	2	0	0	935	2
CAR	15	5	154	1	14	6	155	1
I - Ilocos Region	35	57	672	3	36	58	672	2
II - Cagayan Valley	33	26	163	2	30	26	170	3
III - Central Luzon	42	10	326	4	42	10	326	4
IVA - CALABARZON	58	47	649	7	59	45	659	9
IVB - MIMAROPA	44	22	117	2	44	20	119	5
V - Bicol Region	70	7	299	0	66	7	307	1
VI - Western Visayas	45	24	644	3	45	24	644	3
VII - Central Visayas	116	50	401	6	118	49	401	6
VIII - Eastern Visayas	69	11	875	1	64	11	881	1
IX - Zamboanga Peninsula	29	27	248	0	28	27	248	0
X - Northern Mindanao	38	42	481	0	22	20	500	1
XI - Davao Region	1	27	607	0	0	19	950	1
XII - SOCCSKSARGEN	6	17	174	2	10	6	175	3
XIII - Caraga Region	43	8	549	0	28	11	553	1
ARMM	0	0	18	1	0	0	18	1

Source: Ecological Solid Waste Management (R.A. 9003 series of 2000)
Environmental Management Bureau (EMB) - Solid Waste Management Division (SWMD)

Table 3.5 *(Continued)*

2008				2009				2010			
Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill
673	263	2,428	24	838	394	6,151	30	790	380	6,957	33
0	1	456	1	0	0	872	1	0	0	933	1
9	2	54	1	14	2	152	1	15	0	154	1
63	23	229	2	74	37	427	2	74	37	434	2
43	9	55	0	34	26	156	1	33	26	156	2
56	4	104	5	93	17	289	5	92	17	291	5
31	47	149	4	50	61	649	7	53	59	648	7
35	13	34	2	44	23	113	2	44	22	115	2
74	13	77	0	91	6	168	0	74	7	292	0
77	11	154	1	96	18	532	2	97	18	640	3
119	51	111	5	116	52	384	5	116	50	390	6
74	12	175	1	91	17	458	1	69	11	875	1
19	7	48	0	29	28	246	0	29	27	248	0
34	31	187	0	36	41	360	0	36	40	436	0
0	23	426	0	1	28	607	0	1	27	607	0
11	3	44	1	14	34	175	2	14	32	175	2
28	13	124	0	55	4	548	0	43	7	548	0
0	0	1	1	0	0	15	1	0	0	15	1

Continued

Table 3.5 *(Concluded)*

2013				2014				2015			
Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill
602	321	8,486	55	583	317	8,656	86	350	203	9,335	101
0	0	941	2	0	0	943	2	…	…	943	2
20	6	182	1	20	6	182	2	5	1	182	2
42	62	968	3	36	56	1,009	18	34	59	1,009	19
30	26	172	3	29	25	216	6	21	22	723	6
69	10	434	5	68	11	510	11	37	…	681	8
47	41	672	15	40	44	673	17	47	34	674	22
6	0	124	5	6	0	124	5	8	9	124	7
70	8	312	1	64	25	314	1	28	11	314	1
45	24	644	5	39	11	644	5	49	26	644	6
118	49	401	6	118	49	401	6	…	…	401	6
64	11	882	2	64	11	882	2	21	…	882	3
28	27	249		29	27	249		24	…	249	1
21	20	499	1	25	26	501	2	18	24	501	2
	20	1,245	1	1	9	1,246	4	7	2	1,246	7
10	6	175	3	9	6	175	3	23	10	175	6
31	11	567	1	34	11	568	1	28	5	568	2
1	0	19	1	1	0	19	1	…	…	19	1

Table 3.6
COLLECTION OF RECYCLABLE MATERIALS BY PRIMARY COLLECTORS
as of 2008
(kilogram per Capita per day)

Recylable Material	Primary Collector	Metro Manila	Metro Cebu	Southern Mindanao	Total
Paper		**47.0**	**13.6**	**15.9**	**76.6**
	Street Collectors	3.2	3.6	2.5	9.2
	Collection Workers	21.8	1.8	0.6	24.3
	Disposal Site Scavengers	22.0	8.2	12.9	43.1
Aluminum		**4.0**	**0.5**	**2.2**	**6.8**
	Street Collectors	0.8	0.4	0.4	1.5
	Collection Workers	0.8	0.1	0.0	0.9
	Disposal Site Scavengers	2.5	0.1	1.8	4.3
Other Metals		**30.5**	**105.4**	**29.2**	**165.0**
	Street Collectors	1.4	5.0	14.8	21.2
	Collection Workers	12.4	94.0	0.6	107.0
	Disposal Site Scavengers	16.8	6.3	13.8	36.8
Plastic		**31.7**	**8.9**	**29.1**	**69.8**
	Street Collectors	1.6	3.9	3.5	9.1
	Collection Workers	9.8	0.5	0.6	10.9
	Disposal Site Scavengers	20.3	4.5	25.0	49.8
Glass		**17.4**	**1.2**	**57.2**	**75.8**
	Street Collectors	0.9	0.6	6.7	8.1
	Collection Workers	6.6	0.3	0.9	7.8
	Disposal Site Scavengers	10.0	0.3	49.6	59.9

Source: Japan International Cooperation Agency (JICA) Study, 2008

Table 3.7.1
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2006
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		8,070.7	12,085.7	58,260.5	38,569.2	20,411.4	8,656.1
NCR	National Capital Region	492.9	1389.3	1262.0	3321.1	18238.6	4854.6
CAR	Cordillera Administrative Region	0.0	0.0	0.0	0.0	0.0	0.0
I	Ilocos Region	0	0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.00	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	69.4	1692.3	252.4	6690.0	525.4	293.6
IV-A	CALABARZON	281.8	8521.1	23425.6	28394.6	823.3	3446.9
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	7.5	0.0	8.5	1.1	0.0	0.0
VI	Western Visayas	0.0	21.0	131.0	0.1	0.0	0.0
VII	Central Visayas	32.4	51.5	29123.6	161.3	93.2	60.8
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	105.0	345.0	0.0	0.0	0.0
XI	Davao Region	0.0	0.0	3330.6	0.0	697.6	0.0
XII	SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	7,186.8	305.5	381.7	1.1	33.3	0.3

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.2
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2007
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		12,926.4	117,862.1	19,812.8	82,410.2	7,498.0	9,790.0
NCR	National Capital Region	1.5	259.3	320.7	5,259.2	6,243.9	562.9
CAR	Cordillera Administrative Region	12,713.3	1.1	..	0.0	1.6	4.0
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	104.3	110,216.7	8,649.4	49,934.8	322.7	5,306.3
IV-A	CALABARZON	105.1	7,114.1	10,548.9	26,833.2	924.9	3,888.5
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	0.0	0.6	7.8	0.0	0.0	0.5
VI	Western Visayas	0.0	14.0	160.9	0.1	0.0	0.0
VII	Central Visayas	0.0	204.8	25.6	381.7	4.4	27.6
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	0.0	2.0	0.0	0.0	0.0
XI	Davao Region	0.0	0.0	0.0	0.0	0.0	0.0
XII	SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XII	Caraga	2.2	51.5	97.7	1.3	0.5	0.3

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.1 *(Continued)*

Waste Organic Solvent	Putrescible Organic	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
32,496.0	4,479.1	374,965.7	2,179.1	5,206.4	841.0	906,909.0	1,473,129.9
8261.1	3968.0	3604.1	931.9	4486.0	107.8	885887.5	936,805.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1050.8	0.0	13710.2	244.3	323.8	280.6	6.4	25,139.0
1929.8	461.0	6535.9	880.5	381.6	443.2	824.0	76,349.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	10.3	0.0	0.0	0.0	2.8	30.2
0.0	0.0	41.1	100.4	0.0	0.0	20008.0	20,301.6
62.9	50.0	107.4	21.7	14.4	0.0	0.0	29,779.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	450.0
21161.3	0.0	350553.8	0.0	0.0	9.5	0.0	375,752.8
0.0	0.0	179.8	0.0	0.0	0.0	150.0	329.8
30.0	0.0	223.1	0.2	0.6	0.0	30.3	8,192.9

Table 3.7.2 *(Continued)*

Waste Organic Solvent	Putrescible Organic	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
5,337.1	7,449.2	25,229.9	3,138.2	3,450.8	377.7	7,794.2	303,076.6
81.6	6,605.2	1,419.6	258.7	23.2	83.0	5,165.4	26,284.2
18.8	0.0	168.1	1.1	66.9	0.0	0.2	12,975.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1,473.9	553.1	7,103.7	1,168.0	2,845.7	133.8	434.9	188,247.1
3,729.0	136.0	12,632.0	1,702.7	500.7	160.9	2,119.9	70,395.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	18.0	0.6	0.0	0.0	12.4	39.9
0.0	0.0	273.5	0.0	0.0	0.0	8.6	457.0
33.7	0.0	70.4	4.7	14.4	0.0	0.0	767.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	2,992.0	2.4	0.0	0.0	20.0	3,016.4
0.0	154.9	0.3	0.0	0.0	0.0	1.2	156.4
0.0	0.0	130.5	0.0	0.0	0.0	12.0	142.5
0.0	0.0	421.8	0.0	0.0	0.0	19.7	595.0

Table 3.7.3
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2008
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		21,584,710.7	66,214,465.5	425,329.5	119,139.7	2,158,714.6	7,335,224.7
NCR	National Capital Region	6.2	276.9	83.5	2,003.3	401.7	490.7
CAR	Cordillera Administrative Region	297,015.1	12.6	2,210.4	27.5	0.0	29.5
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	21,110,043.5	66,182,191.9	368,251.9	96,997.6	2,147,282.3	7,329,961.3
IV-A	CALABARZON	260.1	30,452.8	30,219.3	19,629.4	861.0	4,605.5
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	48.5	47.3	34.4	1.1	0.0	0.5
VI	Western Visayas	0.0	28.3	137.7	0.3	0.0	0.0
VII	Central Visayas	35.5	1,449.8	22,480.2	473.8	72.9	16.5
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	0.0	1.0	0.0	0.0	0.0
XI	Davao Region	166,747.0	0.0	1,555.4	0.0	10,096.6	120.2
XII	SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	10,555.0	5.8	355.8	6.6	0.0	0.5

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.4
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2009
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		212,773.0	6,683.6	6,659.1	582,902.6	396.2	497,912.7
NCR	National Capital Region	0.0	227.4	21.6	884.0	62.4	355.9
CAR	Cordillera Administrative Region	4,539.0	0.0	0.0	36.2	0.0	0.0
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	2,153.5	4,288.6	405.1	576,899.4	41.3	494,479.0
IV-A	CALABARZON	63.5	1,994.8	1,435.4	4,145.1	106.8	2,397.1
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	75.5	0.0	0.0	0.0	0.0	0.0
VI	Western Visayas	0.0	4.5	115.5	21.9	0.0	0.0
VII	Central Visayas	48.5	73.0	79.2	299.3	14.6	81.7
VIII	Eastern Visayas	0.0	0.0	0.0	222.6	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	0.0	0.0	0.0	0.0	0.0
XI	Davao Region	116,656.0	0.8	4,260.3	387.0	170.6	598.1
XII	SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	89,237.0	94.6	342.0	7.1	0.6	1.1

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.3 *(Continued)*

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
24,394,153.3	55,330.3	86,390,275.1	48,806,812.8	145,112.2	13,318.9	1,434,317.3	259,076,904.6
377.2	0.7	2,636.6	248.2	21.3	82.8	6,958.4	13,587.8
26.4	0.5	160.7	0.0	32.3	80.7	1.7	299,597.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
24,389,662.8	0.0	86,370,674.4	48,803,975.7	144,533.2	13,011.1	1,422,598.5	258,379,184.1
4,026.5	111.1	14,429.3	870.3	525.4	19.9	4,362.8	110,373.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	148.4	1.0	0.0	124.4	160.4	566.0
0.0	0.0	1,673.7	0.0	0.0	0.0	12.7	1,852.6
58.5	459.9	99.4	2.0	0.0	0.0	3.5	25,152.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	30.0	0.0	0.0	0.0	10.0	41.0
0.0	54,756.1	6.0	1,715.5	0.0	0.0	23.7	235,020.4
0.0	2.0	4.2	0.0	0.0	0.0	1.4	7.6
0.0	0.0	412.5	0.0	0.0	0.0	184.2	11,520.5

Table 3.7.4 *(Continued)*

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
1,864.7	648,820.4	132,645.2	14,680.0	356.6	1,454.0	2,623.9	2,109,772.0
286.9	6.4	1,341.2	81.7	41.2	1.5	1,773.3	5,083.5
0.0	0.0	108.1	0.0	0.0	0.0	66.0	4,749.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255.0	0.0	4,964.2	6,944.0	56.9	1,331.0	95.7	1,091,913.7
1,121.5	72.3	4,676.0	3,895.8	256.2	56.4	297.7	20,518.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	96.0	0.3	0.0	65.0	240.9	477.7
0.0	0.0	710.9	0.0	0.0	0.0	3.8	856.5
201.3	0.0	118,137.0	2.7	2.2	0.0	0.9	118,940.3
0.0	0.0	0.1	0.0	0.0	0.0	0.0	222.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	3.7	0.0	0.0	0.0	0.0	3.7
0.0	648,735.2	2,125.5	3,749.3	0.0	0.0	144.1	776,826.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	6.5	482.6	6.2	0.0	0.0	1.5	90,179.1

Table 3.7.5
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2010
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		79,475.3	7,121.8	16,413.5	24,045.1	432.6	3,928.7
NCR	National Capital Region	1.6	1,095.2	594.8	1,958.8	51.2	605.1
CAR	Cordillera Administrative Region	7,586.8	742.8	2,415.7	19.0	0.0	12.0
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	10,369.9	337.8	1,916.9	8,714.3	15.1	1,574.9
IV-A	CALABARZON	1,883.9	1,424.8	2,628.7	12,731.9	193.9	1,395.1
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	4,177.3	0.0	0.0	0.0	0.0	0.0
VI	Western Visayas	0.0	899.2	197.2	28.5	0.0	0.0
VII	Central Visayas	55.9	2,596.5	8,283.5	592.6	13.1	48.0
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	0.0	0.0	0.0	0.0	0.0
XI	Davao Region	0.0	0.0	0.0	0.0	156.0	293.0
XII	SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	55,399.9	25.5	376.6	0.0	3.2	0.7

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.6
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2011
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		2,659,981.2	7,258.4	78,927.3	213,753.5	495.4	65,901.2
NCR	National Capital Region	6.5	1,646.8	1,245.6	1,527.7	15.3	974.2
CAR	Cordillera Administrative Region	2,545,772.0	8.4	3.0	14.1	0.0	1.1
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.3	0.0	0.0	0.0	0.0
III	Central Luzon	1,227.8	212.3	26,615.7	26,821.4	29.7	32,236.4
IV-A	CALABARZON	736.0	2,461.6	15,343.7	184,561.3	450.4	31,708.1
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	0.0	0.0	0.0	0.4	0.0	0.0
VI	Western Visayas	0.0	5.7	162.4	51.9	0.0	0.0
VII	Central Visayas	24.9	2,684.8	35,159.0	768.2	0.0	55.2
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	0.0	0.0	8.4	0.0	0.0
XI	Davao Region	0.0	0.0	0.0	0.0	0.0	926.0
XII	SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	112,214.0	238.6	398.0	0.0	0.0	0.3

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.5 *(Continued)*

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
3,117.1	407.4	104,589.4	8,897.6	2,349.8	74.6	3,631.8	254,484.6
50.1	0.0	2,321.9	84.7	964.4	2.2	1,937.4	9,667.5
19.6	0.0	172.4	0.0	0.0	60.6	0.0	11,029.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0
510.9	0.0	8,734.1	45.4	105.8	10.7	54.4	32,390.1
2,490.7	146.9	6,842.8	7,167.0	1,279.7	1.0	609.6	38,796.0
0.0	0.0	46.0	0.0	0.0	0.0	0.0	46.0
0.0	0.0	0.0	0.0	0.0	0.0	180.0	4,357.3
0.0	0.0	453.5	0.0	0.0	0.0	5.9	1,584.3
45.9	260.5	3,159.6	1,600.4	0.0	0.0	813.4	17,469.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	82,359.6	0.0	0.0	0.0	0.0	82,808.6
0.0	0.0	0.0	0.0	0.0	0.0	31.0	31.0
0.0	0.0	497.5	0.0	0.0	0.0	0.0	56,303.4

Table 3.7.6 *(Continued)*

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
898,193.9	931.7	609,314.3	36,734.4	7,924.7	40.2	15,728.2	4,595,184.3
62.5	33.0	1,559.8	67.5	435.3	0.3	4,707.9	12,282.3
0.5	0.0	135.6	0.1	0.0	0.0	0.0	2,545,934.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.3	0.0	1.8	0.1	0.0	0.0	335.0	456.5
2,133.8	8.8	15,818.1	35.8	42.7	10.6	66.6	105,259.6
895,842.6	889.9	258,401.2	36,625.5	7,446.7	27.7	10,560.9	1,445,055.5
0.0	0.0	56.5	0.0	0.0	0.0	0.0	56.5
0.0	0.0	149.1	0.0	0.0	0.0	17.1	166.6
0.0	0.0	190.3	0.0	0.0	0.0	1.6	411.8
34.9	0.0	472.2	5.5	0.0	0.0	29.1	39,233.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	0.0	43.2	0.0	0.0	0.0	0.0	51.9
0.0	0.0	332,116.5	0.0	0.0	0.0	0.0	333,042.5
0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
0.0	0.0	370.1	0.0	0.0	1.7	0.0	113,222.6

Table 3.7.7
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2012
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		51,607.2	12,681.8	13,895.7	6,250.3	61.2	2,091.4
NCR	National Capital Region	0.0	0.0	0.0	0.0	0.0	0.0
CAR	Cordillera Administrative Region	0.0	0.0	0.0	0.0	0.0	0.0
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	0.0	0.0	0.0	0.0	0.0	0.0
IV-A	CALABARZON	2,034.6	12,587.6	12,955.4	6,009.1	61.2	2,090.5
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	0.0	0.0	0.0	0.0	0.0	0.0
VI	Western Visayas	0.0	0.0	0.0	0.0	0.0	0.0
VII	Central Visayas	0.0	0.0	0.0	0.0	0.0	0.0
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	0.0	0.0	0.0	0.0	0.0
XI	Davao Region	0.0	0.0	0.0	0.0	0.0	0.0
XII	SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	49,572.6	94.1	940.3	241.2	0.0	0.8

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.8
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2013
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		131,622.2	48,551.8	103,158.7	165,455.0	464,124.8	58,981.4
NCR	National Capital Region	13.6	1,481.5	962.7	3,111.0	0.2	1,701.0
CAR	Cordillera Administrative Region	0.0	0.0	0.0	0.0	0.0	0.0
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	912.0	181.1	8,502.0	0.0	0.0	4,027.4
IV-A	CALABARZON	60.2	40,479.1	91,880.8	162,235.8	464,124.6	53,252.6
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	0.0	0.0	0.0	0.0	0.0	0.0
VI	Western Visayas	0.0	0.0	0.0	0.0	0.0	0.0
VII	Central Visayas	0.0	0.0	0.0	0.0	0.0	0.0
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	0.0	0.0	102.0	0.0	0.0
XI	Davao Region	6,066.0	0.2	488.7	0.0	0.0	0.0
XII	SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	124,570.4	6,409.9	1,324.5	6.2	0.0	0.4

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.7 *(Continued)*

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
125,665.9	196.4	8,612.8	9,226.2	164.5	11.9	394.9	230,860.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125,665.9	193.0	7,333.9	9,226.2	164.5	11.9	244.8	178,578.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	298.1	0.0	0.0	0.0	0.0	298.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	3.3	980.8	0.0	0.0	0.0	150.1	51,983.3

Table 3.7.8 *(Continued)*

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
66,394.3	21,829.5	5,521,086.6	13,619.5	7,968.3	702.1	34,885.9	6,638,380.0
264.2	101.9	2,661.0	290.4	762.2	7.1	8,265.2	19,622.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	0.0	6.8	30.0	0.0	0.0	12.0	73.8
57,324.0	0.3	828,119.0	11,762.0	348.0	16.2	23,985.0	935,177.2
8,781.2	195.5	4,682,258.7	1,416.9	6,858.1	678.8	333.8	5,512,556.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	1,303.1	120.2	0.0	0.0	501.4	2,026.7
0.0	21,526.5	4,160.0	0.0	0.0	0.0	1,531.6	33,773.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	5.2	2,577.9	0.0	0.0	0.0	256.8	135,151.3

Table 3.7.9
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2014
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		208,832.8	3,057.2	612,506.6	15,833.1	21.6	6,572.3
NCR	National Capital Region	41,806.5	558.3	323.7	920.8	12.0	1,102.7
CAR	Cordillera Administrative Region	0.0	0.0	0.0	0.0	0.0	0.0
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	0.0	0.0	0.0	0.0	0.0	0.0
IV-A	CALABARZON	24.6	152.9	561.4	2,445.3	9.6	1,133.0
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	0.0	0.0	0.0	1.1	0.0	0.0
VI	Western Visayas	0.0	0.0	0.0	0.0	0.0	0.0
VII	Central Visayas	329.3	2,337.1	611,379.0	12,346.8	0.0	4,323.0
VIII	Eastern Visayas	0.0	0.0	0.0	0.0	0.0	0.0
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	0.0	0.0	107.9	0.0	0.0
XI	Davao Region	60,124.8	0.3	176.5	10.0	0.0	0.0
XII	SOCCSKSARGEN	0.0	0.6	0.0	0.8	0.0	13.3
XIII	Caraga	106,547.6	7.9	66.1	0.4	0.0	0.3

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.10
AMOUNT OF TREATED/DISPOSED HAZARDOUS WASTE BY TYPE AND BY REGION
2015
(In tons per year)

Region		Wastes with Cyanide	Acid Wastes	Alkali Wastes	Wastes with Inorganic Chemicals	Reactive Chemical Wastes	Inks/ Dyes/ Pigments/ Paint/ Latex/ Adhesives/ Organic Sludge
Philippines		372,930.1	18,289.7	356,467.0	84,779.2	48.3	129,098.5
NCR	National Capital Region	2.5	624.3	294.2	2,701.9	5.8	20,445.8
CAR	Cordillera Administrative Region	193,069.3	6.0	0.3	44.5	0.0	152.8
I	Ilocos Region	0.0	0.0	0.0	0.0	0.0	0.0
II	Cagayan Valley	0.0	0.0	0.0	0.0	0.0	0.0
III	Central Luzon	455.0	4,035.0	780.0	31,019.0	0.0	17,487.0
IV-A	CALABARZON	422.0	11,133.4	12,690.8	45,566.1	40.9	76,575.2
IV-B	MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V	Bicol Region	0.0	0.0	0.0	3.0	0.0	0.0
VI	Western Visayas	0.0	0.0	0.0	0.0	0.0	0.0
VII	Central Visayas	272.9	477.9	215,206.8	411.1	1.6	14,009.5
VIII	Eastern Visayas	0.0	2,011.2	0.0	3,676.6	0.0	7.7
IX	Zamboanga Peninsula	0.0	0.0	0.0	0.0	0.0	0.0
X	Northern Mindanao	0.0	0.0	0.0	119.9	0.0	0.0
XI	Davao Region	1,115.1	0.0	29,279.7	0.0	0.0	420.0
XII	SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII	Caraga	177,593.3	1.9	98,215.2	1,237.1	0.0	0.4

Source: Environmental management Bureau (EMB)- Hazardous Waste Management Section (HWMS)

Table 3.7.9 *(Continued)*

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
13,230.7	132.2	74,095.9	2,004.3	15,293.9	12.7	10,807.4	962,400.8
367.3	62.1	10,314.0	172.8	10,069.2	4.6	3,357.2	69,071.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	23.0	2.3	0.0	0.0	9.5	34.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
735.1	12.3	7,646.7	0.0	383.6	7.8	303.0	13,415.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	65.2	0.0	0.0	0.0	0.0	66.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12,125.8	44.7	4,165.7	60.5	4,841.0	0.2	243.3	652,196.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	145.8	0.0	0.0	0.0	0.0	145.8
0.9	7.2	48,264.3	39.8	0.0	0.0	382.8	48,803.0
0.0	0.0	636.8	546.4	0.0	0.0	483.3	61,978.0
1.6	0.0	2,053.5	0.5	0.0	0.0	162.9	2,233.2
0.0	6.0	781.0	1,182.0	0.0	0.0	5,865.4	114,456.8

Table 3.7.10 *(Continued)*

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
19,013.0	924.0	471,084.1	2,442.8	2,104.3	128.7	122,409.8	1,579,719.5
551.2	319.2	52,339.8	426.5	1,113.2	17.2	104,536.9	183,378.6
54.8	0.1	64,742.9	2.0	0.0	61.1	46.6	258,180.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15,526.0	90.0	276,560.0	840.0	591.0	2.0	2,701.0	350,086.0
2,564.6	420.4	20,060.6	987.2	395.9	9.0	8,092.6	178,958.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	2,821.4	2,824.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
306.7	85.2	1,261.3	141.2	4.2	0.3	327.7	232,506.4
8.7	0.0	169.7	1.3	0.0	0.0	285.1	6,160.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	8.0	53,627.0	44.2	0.0	0.0	425.4	54,225.6
0.0	0.0	1,680.9	0.3	0.0	3.2	3,092.2	35,591.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1.2	641.8	0.0	0.0	36.1	80.8	277,807.7

Table 3.8
NUMBER OF REGISTERED TREATMENT, STORAGE AND DISPOSAL (TSD) FACILITIES BY REGION
2006 to 2015

Region		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Philippines		**80**	**94**	**98**	**106**	**124**	**127**	**130**	**127**	**114**	**123**
NCR	National Capital Region	13	19	18	19	18	17	22	21	23	20
CAR	Cordillera Administrative Region	0	0	0	1	0	1	0	0	0	0
I	Ilocos Region	1	1	2	2	3	3	3	3	5	3
II	Cagayan Valley	0	0	0	0	0	0	0	0	0	0
III	Central Luzon	14	12	18	19	24	26	27	26	28	31
IV-A	CALABARZON	35	39	36	35	42	46	41	45	36	38
IV-B	MIMAROPA	0	0	0	0	0	0	1	0	0	1
V	Bicol Region	3	5	4	3	3	2	1	1	1	0
VI	Western Visayas	2	1	1	3	4	4	3	1	1	1
VII	Central Visayas	2	10	11	9	11	12	8	8	6	13
VIII	Eastern Visayas	4	1	0	0	6	5	2	2	1	2
IX	Zamboanga Peninsula	0	0	0	0	0	0	0	0	0	0
X	Northern Mindanao	1	1	2	3	3	5	6	5	4	6
XI	Davao Region	4	4	6	11	9	6	14	15	9	6
XII	SOCCSKSARGEN	1	1	0	1	1	0	2	0	0	2
XIII	Caraga	0	0	0	0	0	0	0	0	0	0

Source: Environmental Management Bureau (EMB)-Hazardous Waste Management Section (HWMS)

Component Four

Extreme Events and Disasters

COMPONENT FOUR

EXTREME EVENTS AND DISASTERS

An extreme event is one that is rare within its statistical reference distribution at a particular location while disaster is often described as a result of exposure to an extreme event *(UN FDES, 2013)*. There are two subcomponents: Subcomponent 4.1: Natural Extreme Events and Disasters; and Subcomponent 4.2: Technological Disasters. The former organizes statistics on the frequency and intensity of extreme events and disasters deriving from natural phenomena and their impact on human lives. The latter, on the other hand, organizes statistics on extreme events resulting from human intent, negligence or error, or faulty or failed technological applications.

This component compiles statistics on the occurrence of extreme events and disasters and their impacts on human well-being and the infrastructure of the human subsystem. The source of basic data for the core set of statistics was obtained from the National Disaster Risk Reduction and Management Council (NDRRMC), a government agency created in 2010 through the Philippine Disaster Risk Reduction and Management Act of 2010 or Republic Act No. 10121. Its mandate is to develop and implement disaster risk reduction programs that are incorporated in the development plans of various levels of government. The classification for the natural extreme events and disasters in this publication followed the definitions and typologies of disasters by the Centre for Research on the Epidemiology of Disasters (CRED). The classification for the technological disasters was based on the guidelines of the NDRRMC. The NDRRMC also uses the term “human induced disasters” in their reports instead of technological disasters and hence, the term was adopted in this publication.

The environment statistics on Extreme Events and Disasters have links to environmental accounts as described in the System of Environmental-Economic Accounting – Central Framework (2012 SEEA-CF), particularly on the type of natural extreme events and disasters, economic losses due to and effects of natural extreme events and disasters on the integrity of ecosystems. Component Four is also related to the Sendai Framework for Disaster Risk Reduction 2015-2030, a non-binding agreement which affirms that the state has the primary role to reduce disaster risk and that responsibility should also be shared to other stakeholders including the local government *(Sendai Framework for Disaster Risk Reduction)*.

Moreover, Component Four has several links to the Sustainable Development Goals (SDGs) such as: Goal 1: End poverty in all its forms everywhere; Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture; Goal 11: Make cities and human settlement inclusive, safe, resilient and sustainable; and, Goal 13: Take urgent action to combat climate change and its impact *(Sustainable Development Knowledge Platform)*.

The CPES 2016 compiled all four core statistics prescribed by the FDES as well as three Tier 2 and one Tier 3 statistics.

4.1 Natural Extreme Events and Disasters

Statistics on natural extreme events and disasters are important to policy makers, analysts and civil society not only to assess the impact of an ongoing disaster, but also to monitor the frequency, intensity and impact of disasters over time *(FDES 2013)*. The topics under this subcomponent are the occurrence and the impact of natural extreme events and disasters.

4.1.1 Occurrence of Natural Extreme Events and Disasters

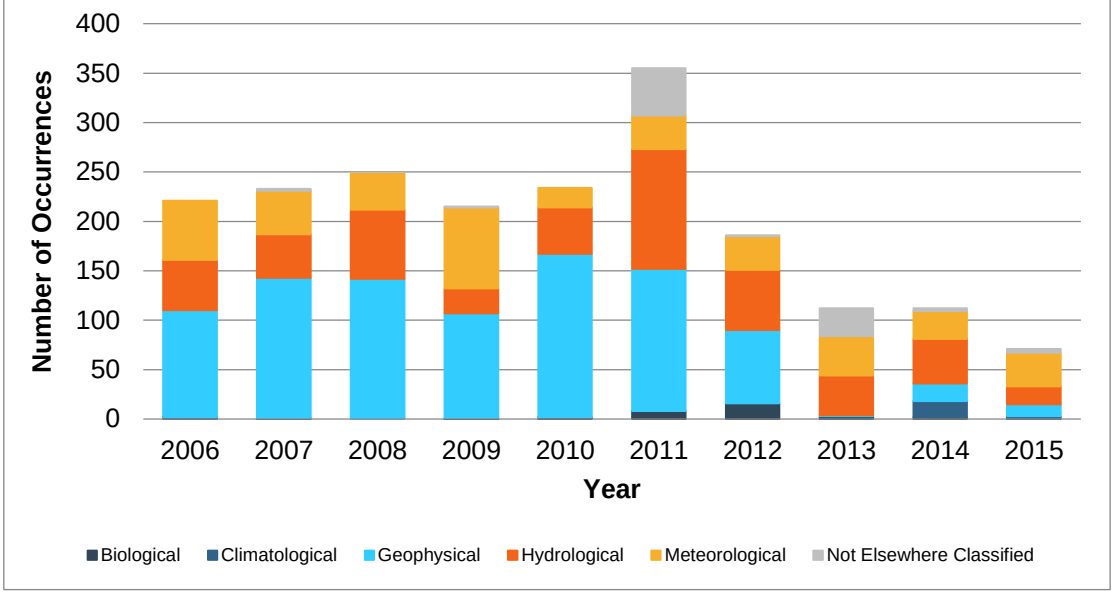
The core statistics included in this topic are *type of natural extreme event and disaster*, and *location*. According to the CRED Emergency Events Database (CRED EM-DAT), natural disasters are classified into five subgroups, namely: geophysical, climatological, meteorological, hydrological, and biological disasters. Geophysical disasters are events originating from the solid earth. Climatological disasters are events caused by long-lived processes in the spectrum from intra-seasonal to multi-decadal climate variability. Meteorological disasters are events caused by short-lived processes in the spectrum from minutes to days. Hydrological disasters are events caused by deviations in the normal water cycle and/or overflow of bodies of water caused by wind setup. Lastly, biological disasters are events caused by the exposure of living organisms to germs and toxic substances.

In this publication, natural disasters were presented according to the five CRED EM-DAT classifications and a Not Elsewhere Classified (NEC) category. Data on location, however, were reported only for events classified by the NDRRMC as major disasters. The list of major events and their location can be found in Table 4.7 Major Natural Extreme Events and Disasters.

Figure 4.1 shows the annual total number of occurrences of natural extreme events and disasters by type from 2006 to 2015. From 2006 to 2011, the number of natural extreme events and disasters fluctuated, with an observed decrease in number from 2012 to 2015. The highest number of incidents was observed in 2011 with 355 events categorized as follows: 144 geophysical; 121 hydrological; 48 not elsewhere classified; 34 meteorological; and 8 biological. On the other hand, the year 2015 had the least number of incidents observed (71 events). Likewise 2015 is the only year in the series with less than one hundred natural events and disasters.

On the average, geophysical, hydrological, and meteorological disasters had the highest percentages relative to the total number of natural disasters, at 40 percent; 27 percent; and 24 percent, respectively. Meanwhile, biological disasters had the least average of two percent.

Figure 4.1 Number of Occurrences of Natural Extreme Events and Disasters by Type from 2006 to 2015



Source: National Disaster Risk Reduction and Management Council

4.1.2 Impact of Natural Extreme Events and Disasters

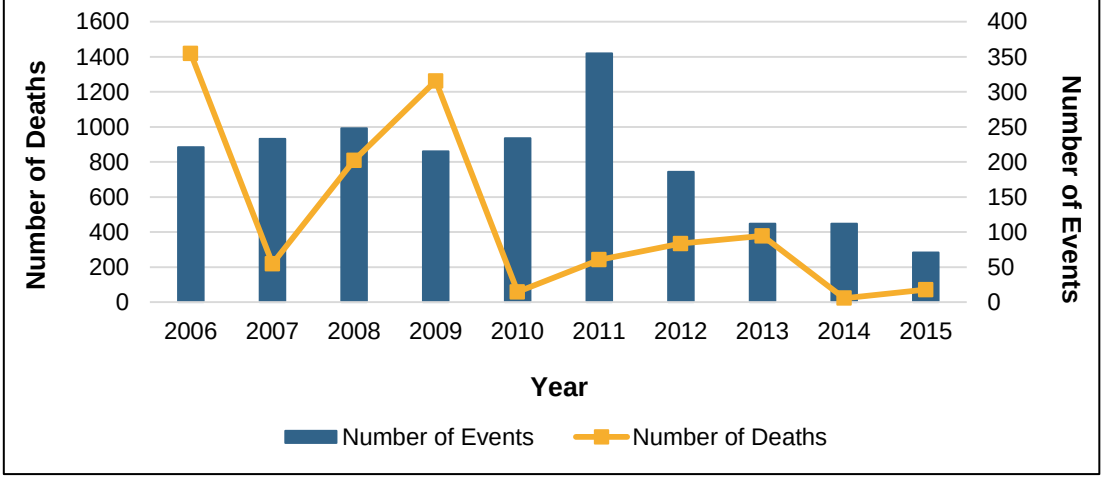
There are two core statistics under this topic, *number of people killed* and *economic loss due to natural extreme events and disasters*. According to FDES 2013, the impact in terms of damage and losses makes it possible to estimate the impact of disasters on economic growth, the population's living conditions and environmental conditions in the region. Economic loss is measured in terms of currency and can be seen in damages to buildings and transportation networks, loss of revenue for businesses, and loss of crops, among other material indicators. In the Philippines, the NDRRMC organizes the economic loss data into three categories: Infrastructure, Agriculture, and Private and Communication.

From 2006 to 2015, a total of 4,815 deaths due to natural disasters and extreme events were recorded 75 percent due to meteorological disasters. Destructive tropical cyclones, a meteorological disaster subtype, claimed the most lives with a total of 3,072 individuals. The least number of only one death recorded was due to climatological disaster.

The year 2006 recorded the most number of deaths at 1,418 individuals with 1,168 were to meteorological, 186 were due to geophysical and 64 due to hydrological. On the other hand, the year 2014 had the lowest number of deaths recorded of 23 individuals.

Figure 4.2 illustrates the number of natural extreme events and disasters versus the number of deaths from 2006 to 2015. Although 2011 recorded the most number of natural disasters, the highest number of deaths was recorded in 2006, the year when Typhoon Milenyo hit Luzon and Visayas in September, and when Typhoon Reming affected Luzon in November. This was followed by 2009, the year when Tropical Storm Ondoy and Typhoon Pepeng hit the country in September.

Figure 4.2 Number of Incidents and Deaths due to Natural Extreme Events and Disasters from 2006 to 2015

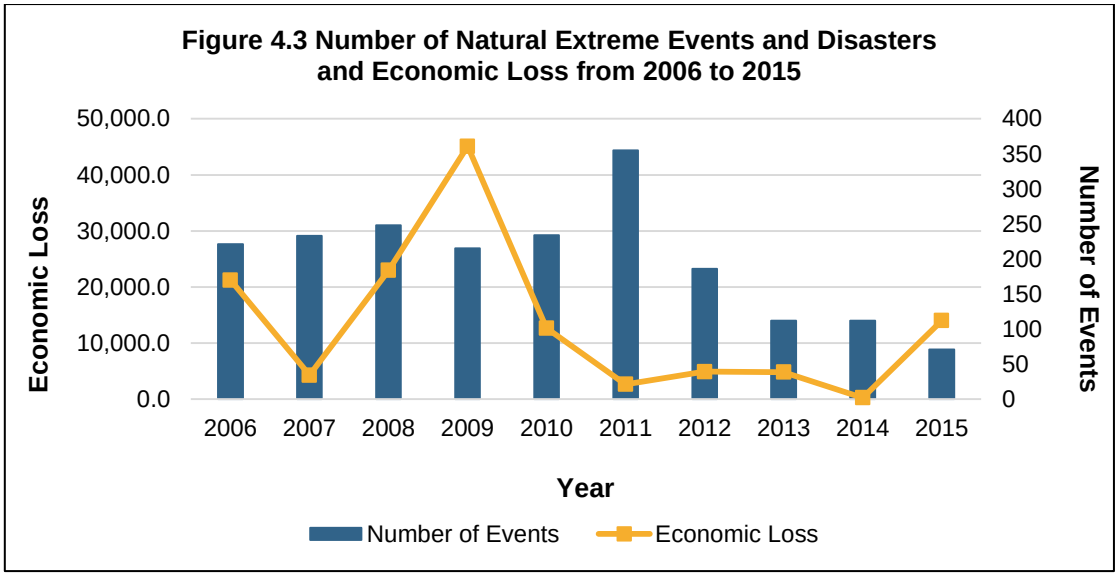


Source: National Disaster Risk Reduction and Management Council

As shown in Figure 4.3 from 2006 to 2015, the total economic loss due to natural disasters was almost Php 133 billion. The largest economic loss recorded was in 2009 at a level of Php 45 billion. In the same year, there were 14 meteorological disasters considered as major disaster events, including Tropical Storm Ondoy and Typhoon Pepeng. The least economic loss was recorded in 2014 at Php 262.3 million.

Most economic losses from years 2006 to 2015 were attributed to meteorological disasters, incurring a total of more than Php 96 billion or about 56 percent of the total losses during the ten-year period. On the other hand, the smallest economic loss is due to biological disasters at Php 140 thousand (one percent). For years 2014 and 2015, the largest economic loss was due to climatological disasters at 72 percent and 93 percent respectively.

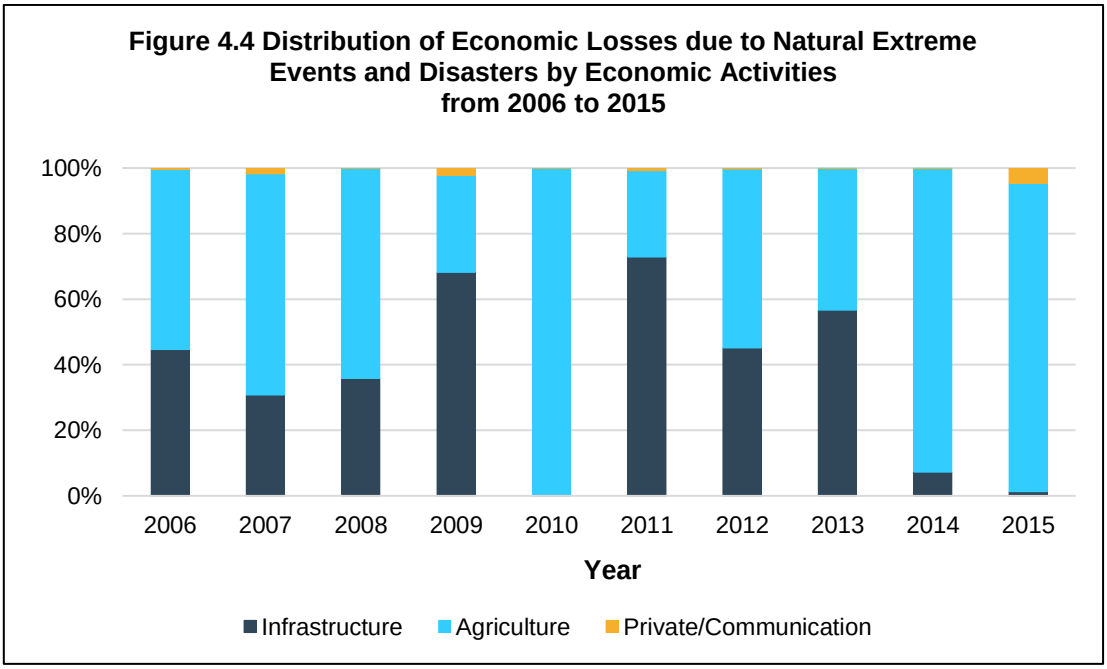
Figure 4.3 shows the number of natural extreme events and disasters versus economic loss from 2006 to 2015. In 2009, while a decrease in the number of disasters was observed, there was an increase in economic losses. As noted earlier, Tropical Storm Ondoy happened in 2009, incurring over Php 10 billion losses. On the contrary, while 2011 posted the most number of events with 355 disasters, a relatively lower economic loss of around Php 2 billion was recorded. The lowest number of natural disasters during the ten-year period was in 2015 with economic losses showing a sudden increase. In the same year, almost all parts of the country were affected by the El Niño starting July 2015 *(NDRRMC)*.



Source: National Disaster Risk Reduction and Management Council

Among the three categories, the highest loss incurred over the ten year period was attributed to the agricultural sector with a total of about Php 74 billion or 56 percent of the total losses. This was followed by the infrastructure sector with a total of about Php 57 billion or 43 percent of the total losses. The least economic loss observed was from the private and/or communication sector with only one billion pesos or one percent.

As seen in Figure 4.4, losses in the agricultural sector was highest in year 2010 with more than Php 12 billion or about 99.7 percent of the losses for that year. For years 2014 and 2015, agricultural sector suffered the biggest losses among the three categories.



Source: National Disaster Risk Reduction and Management Council

4.2 Human Induced Disasters

Statistics on human induced disasters are important to policy makers, analysts and civil society to identify the immediate and potential impacts, to understand who is ultimately responsible and to assess and mitigate future risks. Records of global technological disasters show increasing frequency and impact on humans, the infrastructure and the environment. Based on the FDES 2013, there are two topics under this subcomponent, namely: Occurrence and Impact of technological disasters. Although there are no core statistics under this subcomponent, the report of the NDRRMC covers data on the number of human induced disasters, their types, number of deaths and economic loss and location. Location data for this publication is specific where major events happened.

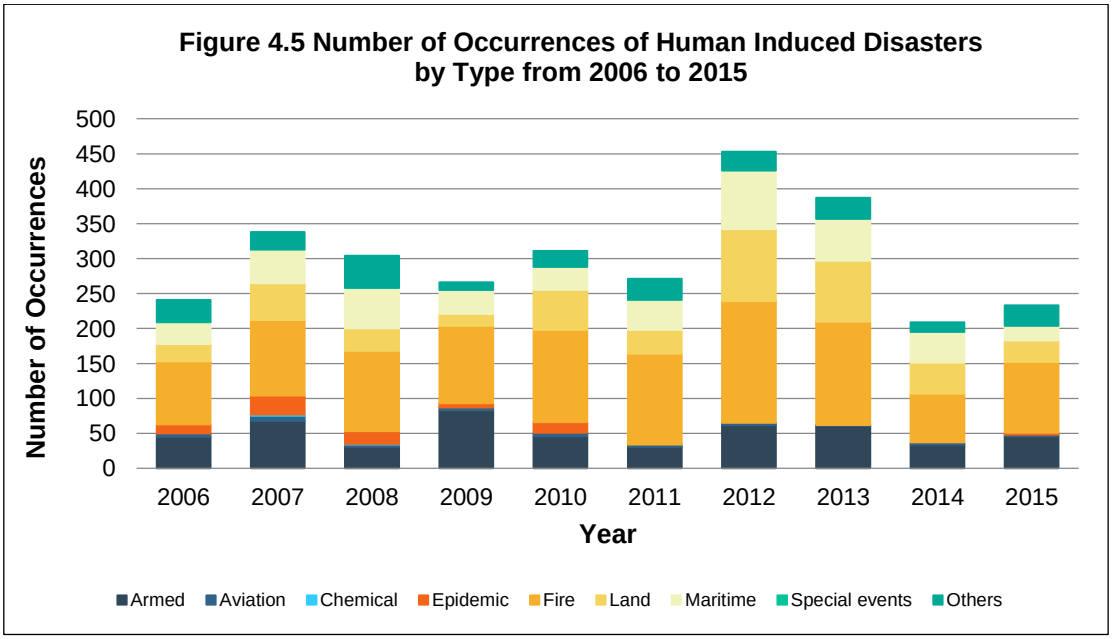
4.2.1 Occurrence of Technological Disasters

Technological disasters impact human lives, habitats and ecosystems in different ways, depending on the nature and intensity of the disaster. Their effects may be short term or may be of significant or unknown duration. In the case of technological disasters, there is sometimes no precedent for a given disaster. The full impact of such disasters cannot always be fully anticipated or measured *(FDES 2013)*. In this publication, the number of incidents and the type of human induced disasters were presented. The classification of disasters followed the guidelines from NDRRMC. These categories include Armed; Aviation; Chemical; Epidemic; Fire; Land; Maritime; and Special Events.

As seen in Figure 4.5, the number of human induced incidents fluctuated throughout the ten-year period. Overall, a total of 3,013 human induced incidents was recorded, mostly fire-related at 39 percent and the least, special events at 0.1 percent.

Moreover, the year 2012 had the highest number of incidents observed with a total of 453 events classified as follows: fire-related - 174, land-related - 103, maritime-related - 84, armed-related - 62, 27 others related, and aviation-related - 3. Meanwhile, the least number of human incidents was observed in the year 2014 with 209 events where most were fire-related (33 percent).

Figure 4.5 Number of Occurrences of Human Induced Disasters by Type from 2006 to 2015



Source: National Disaster Risk Reduction and Management Council

4.2.2 Impact of Technological Disasters

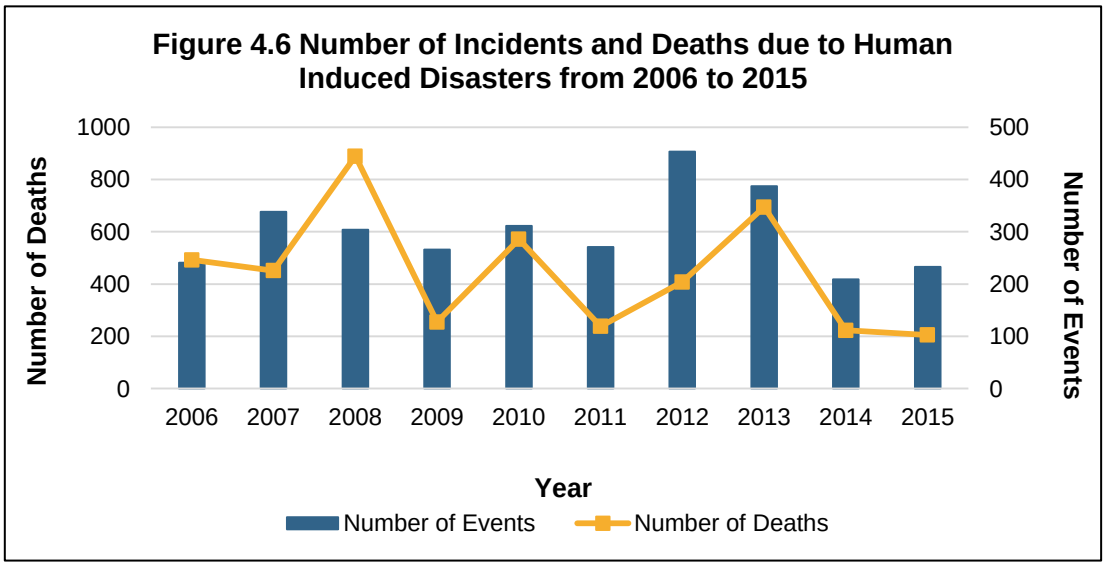
Human induced disasters may also affect the economy of a country. Economic loss may refer to damage to buildings and other economic assets, number of transportation networks affected, economic disruption or loss of revenue to commercial services, and utility disruption *(FDES 2013)*. In this publication, the number of people killed and the economic losses due to human induced disasters were presented under this topic.

For the ten-year period, a total of 4,426 deaths due to human induced incidents were recorded with 23 percent (1,028 events) classified under land disasters, including vehicular accidents and train mishaps, and another 23 percent (1,027) as maritime-related disasters. The Ultra Sports Complex Stampede, classified under special events, caused 71 deaths or 1.6 percent of all deaths due to human induced disasters.

The most number of deaths recorded was in 2008 with 889 individuals with 55 percent of the disasters recorded as maritime mishaps with 486 deaths. The least number of deaths was in 2015 with 205 individuals with most deaths (33 percent) as fire-related.

Figure 4.6 illustrates the number of human induced disasters versus the number of deaths from 2006 to 2015. Although 2012 had the most number of human induced disasters recorded, the highest number of deaths was observed in 2008. One of the major disasters for that year was the MV Princess of the Stars tragedy in June, off the coast of San Fernando, Romblon during the height of Typhoon Frank. This was followed in 2013, when an armed conflict between the forces of the Philippine Government and a faction of the Moro National Liberation Front in Zamboanga City occurred.

Figure 4.6 Number of Incidents and Deaths due to Human Induced Disasters from 2006 to 2015



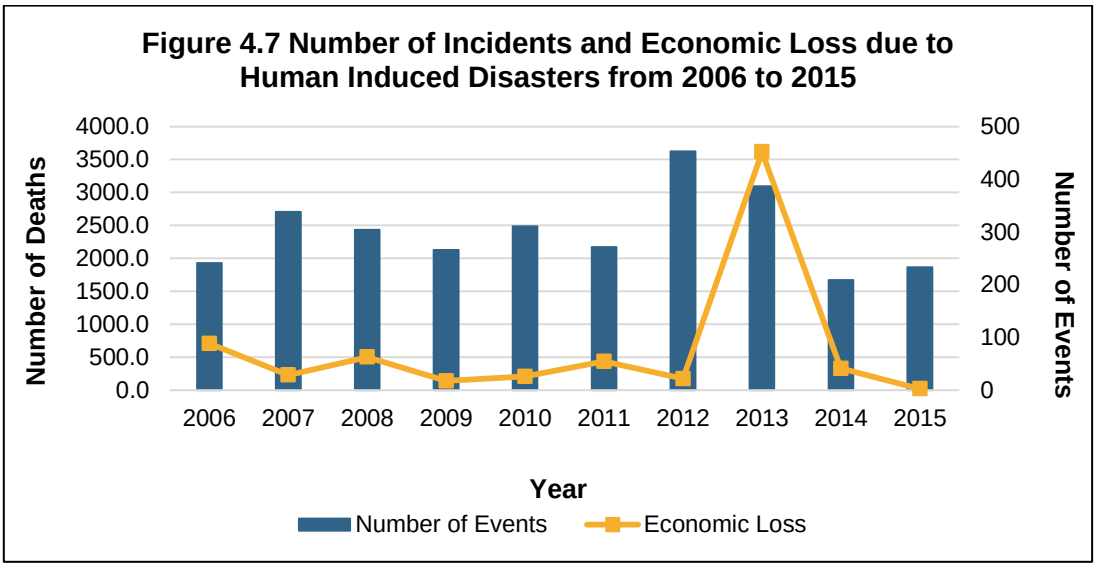
Source: National Disaster Risk Reduction and Management Council

From 2006 to 2015, the total economic loss due to human induced disasters was almost Php 6.3 billion. As shown in Figure 4.7, 2013 had the highest recorded economic loss of more than Php 3.6 billion, and the only recorded amount in the series exceeding one billion pesos. Meanwhile, the least amount was recorded in 2015 at Php 19.4 million, as the only amount less than one hundred million pesos. The economic loss for the other years ranged from Php 138 million to Php 707 million.

Moreover, from 2006 to 2014, most economic losses were due to fire incidents. Particularly, in 2007 and 2014, all economic losses recorded were due to fire incidents. In 2015, however, armed conflict incurred all economic losses.

Most economic losses were due to armed-related incidents, especially in the year 2013 when the Zamboanga crisis occurred. It is also noted that no economic losses were recorded under the aviation, chemical, epidemic, land, and special events categories.

Figure 4.7 Number of Incidents and Economic Loss due to Human Induced Disasters from 2006 to 2015

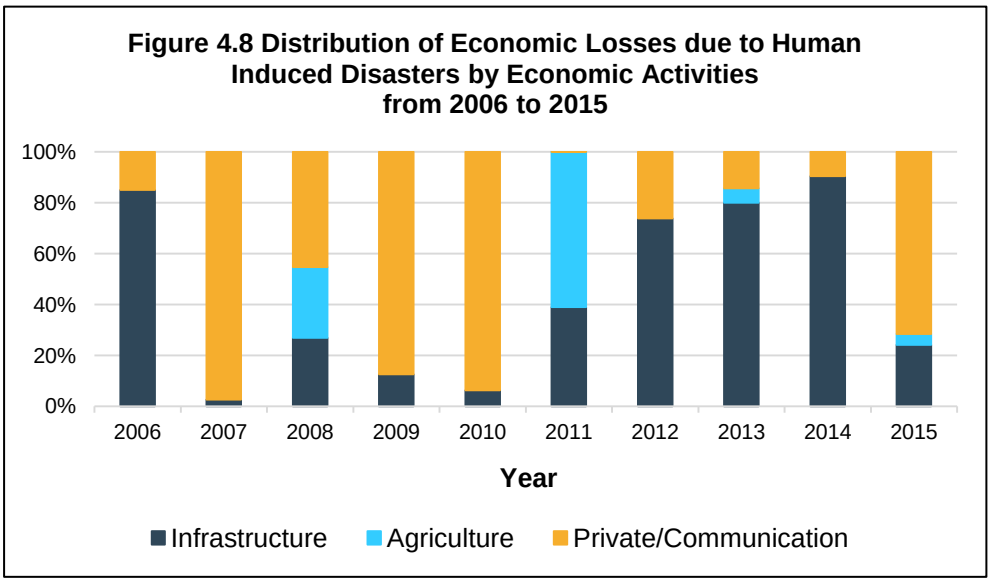


Source: National Disaster Risk Reduction and Management Council

With regards to sectors, infrastructure incurred the biggest economic loss due to human induced incidents at a total of Php 4.4 billion or 64 percent of the total economic loss across the series. This was followed by private/communication sector at approximately Php 1.8 billion or 27 percent of the total. Lastly, the agriculture sector had the least economic loss of about Php 643 million or 10 percent of the total.

In 2014, the infrastructure sector had the biggest share of 90 percent (Php 296 million) on the year's total economic loss while the private/communication sector has the biggest portion of 71 percent (Php 317 million) of the total economic loss in 2015.

Figure 4.8 Distribution of Economic Losses due to Human Induced Disasters by Economic Activities from 2006 to 2015



Source: National Disaster Risk Reduction and Management Council

Statistical Tables

Extreme Events and Disasters

Table 4.1

OCCURRENCE OF NATURAL EXTREME EVENTS AND DISASTERS [1] BY TYPE

2006 to 2015

Disaster Subgroup	Disaster Type	Year									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total		**221**	**233**	**248**	**215**	**234**	**355**	**186**	**112**	**112**	**71**
Biological		…	…	…	**1**	**1**	**8**	**16**	**3**	**2**	…
	Bird Strikes	…	…	…	…	…	…	1	…	…	…
	Disease Outbreak	…	…	…	…	…	7	13	3	2	…
	Fish Kill	…	…	…	…	…	…	2	…	…	…
	Pest Infestation	…	…	…	1	1	1	…	…	…	…
Climatological		**2**	**1**	…	…	**1**	…	…	…	**16**	**3**
	Drought/ El Niño Phenomenon	…	…	…	…	1	…	…	…	2	2
	Dry Spell	2	1	…	…	…	…	…	…	…	…
	Wildfire/Bushfire	…	…	…	…	....	…	…	…	14	1
Geophysical		**108**	**142**	**142**	**106**	**165**	**144**	**74**	**1**	**18**	**12**
	Coastal Erosion	…	…	…	…	…	…	…	…	…	1
	Earthquakes	79	114	104	89	127	78	61	1	2	1
	Landslides/Cave-in	25	20	32	14	28	66	13	…	10	8
	Mudflow (Lahar)	…	1	…	…	…	…	…	…	…	…
	Soil Erosion	…	…	1	…	1	…	…	…	…	…
	Volcanic Activity	4	7	5	3	9	…	…	…	2	2
	Sinkhole	…	…	…	…	…	…	…	…	4	....
Hydrological		**51**	**44**	**70**	**25**	**47**	**121**	**61**	**40**	**45**	**18**
	Flashfloods/ Flooding	50	43	68	25	47	121	61	39	45	18
	Storm Surge	1	1	2	…	…	…	…	1	…	…
Meteorological		**60**	**44**	**36**	**82**	**20**	**34**	**34**	**40**	**28**	**34**
	Lightning/ Thunderstorm [A]	4	4	1	3	6	5	7	13	5	10
	Rain [B]	7	4	0	0	2	5	6	4	0	2
	Northeast Monsoon	…	…	…	…	…	…	…	…	…	2
	Southwest Monsoon	…	…	…	…	…	…	2	1	12	3
	Tail end of the cold front	…	…	…	45 *	…	1	1	…	…	2
	Tornado [C]	6	16	13	10	9	23	16	22	8	15
	Tropical Cyclones Destructive	10	8	8	16	…	…	…	…	…	…
	Tropical Cyclones Non-Destructive	10	5	13	5	…	…	…	…	…	…
	Wind [D]	23	7	1	3	3	0	2	0	3	0
N.E.C		…	**2**	…	**1**	…	**48**	**1**	**28**	**3**	**4**
	InterTropical Convergence Zone	…	…	…	…	…	…	…	…	…	4
	LPA/SW Monsoon/La Mesa Dam Overflow	…	…	…	1	…	…	…	4	…	…
	Miscellaneous	…	....	....	....	....	4	…	…	…	…
	Rockwall and Frost	…	2	…	…	…	…	…	…	…	…
	Sea Mishaps	…	…	…	…	…	44	…	…	…	…
	Sea Swelling	…	…	…	…	…	....	1	…	3	…
	Trashslide/ Landslide	…	…	…	…	…	…	…	24	…	…

[1] Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database (CRED-EM-DAT)

[A] Comprised of Lightning/thunderstorm,thunderstorm,lightining incidents

[B] Comprised of Continuous Rains,Heavy Rains, HeavyRains/Continuous Rains

[C] Comprised of Tornado,Whirlwind, Whirlwind/Tornado

[D] Comprised of Strong wind and Big waves, strong Wind, Strong Wind/ Bigwaves

* (which resulted to 17 flashfloods; 13 landslide; 7 strong winds; 5 storm surge & 3 sea mishaps)

Source: National Disaster Risk Reduction and Management Council (NDRRMC)

Table 4.2
OCCURRENCE OF HUMAN INDUCED DISASTERS [1] BY TYPE
2006 to 2015

Disaster Subgroup	Disaster Type	Year									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total		**241**	**338**	**304**	**266**	**311**	**271**	**453**	**387**	**209**	**233**
Armed		**45**	**68**	**31**	**83**	**46**	**31**	**62**	**61**	**34**	**46**
	Ambush Incident	...	...	...	...	...	...	...	...	...	1
	Armed Conflict	22	31	…	36	17	16	29	26	18	27
	Bomb/Grenade Explosion	23	37	31	47	29	14	30	21	13	16
	Civil Disturbance	...	...	...	...	...	...	...	...	...	1
	Family Feud	...	...	...	...	...	...	...	...	1	…
	Hostage Taking	...	...	...	...	...	1	...	...	...	1
	Military Operations	...	...	...	...	...	...	...	...	1	…
	Sabah Crisis	...	...	...	...	...	...	...	1	…	…
	Shooting Incidents	...	...	...	...	...	...	3	13	1	…
Aviation		**5**	**7**	**3**	**4**	**5**	**3**	**3**	**1**	**3**	**2**
	Air Mishaps	5	7	3	4	5	...	...	1	3	2
	Plane Crash	…	…	…	…	…	3	3	…	…	…
Chemical		…	**2**	**1**	…	…	…	…	…	…	…
	Gas Explosion (e.g.,LPG Tank)	…	1	1	…	…	…	…	…	…	…
	Mercury Poisoning	…	1	…	…	…	…	…	…	…	…
Epidemic		**13**	**27**	**18**	**6**	**15**	…	…	…	…	**3**
	Disease Outbreak	…	…	…	…	…	…	…	…	…	3
	Epidemic/ Disease Outbreak/ Viral Contamination	13	27	18	6	15	…	…	…	…	…
Fire		**90**	**108**	**115**	**111**	**132**	**130**	**174**	**148**	**70**	**101**
	Bus Burning	...	...	...	...	...	1	...	...	...	...
	Fire Incidents	...	...	...	...	...	...	...	...	...	101
	Structural Fire Incidents	90	108	115	111	132	129	174	148	68	…
	Vehicular Fire	…	…	…	…	…	…	…	…	2	…
Land		**25**	**53**	**32**	**17**	**57**	**34**	**103**	**87**	**44**	**31**
	Train Mishaps	…	…	…	…	…	…	…	…	…	1
	Vehicular Accidents	25	53	32	17	57	34	103	87	44	30
Maritime		**31**	**48**	**58**	**34**	**33**	**43**	**84**	**60**	**44**	**21**
	Drowning Incidents	10	13	18	6	8	23	24	40	30	9
	Maritime Accidents	…	…	…	…	…	20	60	20	14	12
	Sea Mishaps	21	35	40	28	25	…	…	…	…	…
Special events		**1**	…	**1**	…	…	…	…	…	…	…
	Stampede	1	…	1	…	…	…	…	…	…	…
Others		**31**	**25**	**45**	**11**	**23**	**30**	**27**	**30**	**14**	**29**
	Cave-in	...	3	...	...	...	...	...	...	...	1
	Chemical Explosions	...	...	2	...	...	...	...	...	...	...
	Chemical/Coal/Oil Spill	13	7	0	0	2	0	3	8	0	…
	Collapsed Structure	12	6	2	6	10	15	8	2	7	6
	Complex Emergencies	…	…	30	…	…	…	…	…	…	…
	Electrocution Incidents	…	…	…	…	1	…	…	…	…	2
	Firecracker Incidents	…	…	…	…	....	…	3	…	…	…
	Fish Kill	1	…	…	…	1	4	…	1	…	…
	Gas/Chemical Leak	…	2	1	…	…	…	1	…	4	…
	Internally Displaced Persons (IDP)	…	…	…	…	…	6	3	…	…	…
	Landmine Explosion	…	…	…	…	…	…	…	…	…	…
	Mining Incident	…	…	…	1	…	…	…	…	…	1
	Others	…	…	...	…	...	…	...	8	...	...
	Poisoning [A]	5	7	9	4	7	5	6	4	2	19
	Sinkhole	…	…	…	…	…	…	…	1	…	…

Note: Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

[1] Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council (NDRRMC)

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

Source: National Disaster Risk Reduction and Management Council (NDRRMC)

Table 4.3
NUMBER OF DEATHS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY TYPE
2006 to 2015

Disaster Subgroup	Disaster Type	Year									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total		**1,418**	**219**	**815**	**1,262**	**59**	**242**	**334**	**378**	**23**	**71**
Biological		…	…	…	…	…	**60**	**52**	**11**	**2**	**0**
	Bird Strikes	...	...	...	...	...	...	...	...	...	...
	Disease Outbreak	...	...	...	...	...	60	52	11	2	...
	Fish Kill	...	...	...	...	...	...	...	...	...	...
	Pest Infestation	...	...	...	...	...	...	...	...	...	...
Climatological		…	…	…	…	…	…	…	…	**1**	…
	Drought/ El Niño Phenomenon	...	...	...	...	...	...	...	...	...	...
	Dry Spell	...	...	...	...	...	...	...	...	...	...
	Wildfire/Bushfire	...	...	...	...	...	...	...	...	1	...
Geophysical		**186**	**31**	**43**	**31**	**20**	**35**	**102**	**227**	**8**	**10**
	Coastal Erosion	...	...	...	...	...	...	...	...	...	...
	Earthquakes	...	...	...	...	...	...	58	227	...	...
	Landslides/Cave-in	186	31	41	31	18	35	44	...	8	10
	Mudflow (Lahar)	...	...	...	...	...	...	...	...	...	...
	Soil Erosion	...	...	2	...	1	...	...	...	...	...
	Volcanic Activity	...	...	...	...	1	...	...	...	...	...
	Sinkhole	...	...	...	...	...	...	...	...	...	...
Hydrological		**64**	**23**	**112**	**6**	**17**	**41**	**20**	**7**	**3**	**11**
	Flashfloods/ Flooding	63	23	112	6	17	41	20	7	3	11
	Storm Surge	1	...	...	...	...	...	...	...	...	...
Meteorological		**1,168**	**164**	**660**	**1,224**	**22**	**106**	**160**	**48**	**9**	**42**
	Lightning/ Thunderstorm [A]	5	5	1	4	6	3	10	13	5	10
	Rain [B]	3	31	0	0	16	25	32	0	0	0
	Northeast Monsoon	...	...	...	...	...	...	...	...	...	4
	Southwest Monsoon	...	...	...	...	...	...	112	31	1	27
	Tail end of the cold front	0	0	0	80	0	75	5	0	0	0
	Tornado [C]	0	0	6	0	0	3	1	4	3	1
	Tropical Cyclones Destructive	1,155	124	653	1,140	...	...	...	...	...	...
	Tropical Cyclones Non-Destructive	...	...	...	...	...	...	...	...	...	...
	Wind [D]	5	4	0	0	0	0	0	0	0	0
N.E.C		…	**1**	…	**1**	…	…	…	**85**	…	**8**
	InterTropical Convergence Zone	...	...	...	...	...	...	...	...	...	8
	LPA/SW Monsoon/La Mesa Dam Overflow	...	...	...	1	...	...	...	41	...	...
	Miscellaneous	...	...	...	...	...	...	...	...	...	...
	Rockwall and Frost	...	1	...	...	...	...	...	...	...	...
	Sea Mishaps	...	...	...	...	...	...	...	...	...	...
	Sea Swelling	...	...	...	...	...	...	...	...	...	...
	Trashslide/ Landslide	...	...	...	...	...	...	...	44	...	...

[1] Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database (CRED-EM-DAT)
[A] Comprised of Lightning/thunderstorm,thunderstorm,lightining incidents
[B] Comprised of Continuous Rains,Heavy Rains, HeavyRains/Continuous Rains
[C] Comprised of Tornado,Whirlwind, Whirlwind/Tornado
[D] Comprised of Strong wind and Big waves, strong Wind, Strong Wind/ Bigwaves
Source: National Disaster Risk Reduction and Management Council (NDRRMC)

Table 4.4
NUMBER OF DEATHS DUE TO HUMAN INDUCED DISASTERS [1] BY TYPE
2006 to 2015

Disaster Subgroup	Disaster Type	Year									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total		**492**	**451**	**889**	**255**	**571**	**238**	**408**	**694**	**223**	**205**
Armed		**67**	**110**	**30**	**110**	**62**	**67**	**104**	**300**	**31**	**48**
	Ambush Incident	...	...	...	...	...	...	...	...	...	2
	Armed Conflict	43	53	…	63	34	58	74	262	17	33
	Bomb/Grenade Explosion	24	57	30	47	28	9	25	24	13	12
	Civil Disturbance	...	...	...	...	...	...	...	...	...	...
	Family Feud	...	...	...	...	...	...	...	...	...	...
	Hostage Taking	...	...	...	...	...	...	...	...	...	1
	Military Operations	...	...	...	...	...	...	...	...	...	...
	Sabah Crisis	...	...	...	...	...	...	...	...	...	...
	Shooting Incidents	...	...	...	...	...	...	5	14	1	...
Aviation		**3**	**15**	**13**	**15**	**19**	**15**	**3**	…	**4**	**2**
	Air Mishaps	3	15	13	15	19	...	...	...	4	2
	Plane Crash	...	...	...	...	...	15	3		...	...
Chemical		…	…	…	…	…	…	…	…	…	…
	Gas Explosion (e.g.,LPG Tank)	...	...	...	...	...	...	...	...	...	...
	Mercury Poisoning	...	...	...	...	...	...	...	...	...	...
Epidemic		**168**	**34**	**12**	**20**	**139**	…	…	…	…	…
	Disease Outbreak	...	...	...	...	...	...	...	...	...	...
	Epidemic/Disease Outbreak/Viral Contamination	168	34	12	20	139	...	...	...	...	...
Fire		**54**	**53**	**27**	**27**	**70**	**68**	**73**	**56**	**45**	**67**
	Bus Burning	...	...	...	...	...	3	...	...	...	...
	Fire Incidents	...	...	...	...	...	...	...	...	...	67
	Structural Fire Incidents	54	53	27	27	70	65	73	56	45	...
	Vehicular Fire	...	...	...	...	...	...	...	...	...	...
Land		**54**	**171**	**97**	**30**	**211**	**41**	**156**	**138**	**79**	**51**
	Train Mishaps	...	...	...	...	...	...	...	...	...	...
	Vehicular Accidents	54	171	97	30	211	41	156	138	79	51
Maritime		**54**	**56**	**486**	**40**	**35**	**38**	**55**	**187**	**58**	**18**
	Drowning Incidents	15	17	27	6	19	25	21	52	42	13
	Maritime Accidents	...	...	...	...	...	13	34	135	16	5
	Sea Mishaps	39	39	459	34	16	...	...	...	...	...
Special events		**71**	…	…	…	…	…	…	…	…	…
	Stampede	71	...	...	...	...	...	...	...	...	...
Others		**21**	**12**	**224**	**13**	**35**	**9**	**17**	**13**	**6**	**19**
	Cave-in	...	1	…	...	...	...	...	...	...	1
	Chemical Explosions	...	...	...	...	...	...	...	...	...	...
	Chemical/Coal/Oil Spill	1	...	...	...	...	...	...	...	...	...
	Collapsed Structure	20	4	2	8	16	1	11	8	4	14
	Complex Emergencies	...	...	204	...	...	...	...	...	...	...
	Electrocution Incidents	...	...	...	...	7	...	...	...	...	3
	Firecracker Incidents	...	...	...	...	...	...	...	...	...	...
	Fish Kill	...	...	...	...	...	...	...	...	...	...
	Gas/Chemical Leak	...	...	...	...	...	...	...	...	2	…
	Internally Displaced Persons (IDP)	...	...	...	...	...	4	5	...	...	...
	Landmine Explosion	...	...	...	1	...	…		...	...	...
	Mining Incident	...	...	...	...	1	...	...	...	...	...
	Missing Fishermen	...	...	...	...	...	...	...	1	...	...
	Poisoning [A]	0	7	13	4	10	4	1	2	…	1
	Sinkhole	...	...	...	...	...	...	...	...	...	...

Note: Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

[A] Compromised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

[1] Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council (NDRRMC)

Source: National Disaster Risk Reduction and Management Council (NDRRMC)

Table 4.5
ECONOMIC LOSS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY ECONOMIC ACTIVITY
2006 to 2015
(In million pesos)

Disaster Subgroup	Disaster Type	Year			
		2006			
		Infrastructure	Agriculture	Private/ Communication	Total
Total		**9,487.5**	**11,661.7**	**87.7**	**21,236.8**
Biological		...	...	...	...
	Bird Strikes	...	...	...	...
	Disease Outbreak	...	...	...	...
	Fish Kill	...	...	...	...
	Pest Infestation	...	...	...	...
Climatological		...	**1.4**	...	**1.4**
	Drought/ El Niño	...	...	...	...
	Dry Spell	...	1.4	...	1.4
	Wildfire/ Bushfire	...	...	...	...
Geophysical		**100.7**	**24.2**	**0.1**	**124.9**
	Coastal Erosion	...	...	...	...
	Earthquakes	...	...	...	...
	Landslides/ Cave-in	100.7	24.2	0.1	124.9
	Mudflow (Lahar)	...	...	...	...
	Soil Erosion	...	...	...	...
	Volcanic Activity	...	...	...	...
	Sinkhole	...	...	...	...
Hydrological		**142.3**	**1,083.8**	**4.9**	**1,231.0**
	Flashfloods/ Flooding	142.3	1083.8	4.7	1230.8
	Storm Surge	...	...	0.2	0.2
Meteorological		**9,244.4**	**10,552.3**	**82.7**	**19,879.5**
	Lightning/ Thunderstorm [A]	...	...	...	...
	Rain [B]	...	11.7	...	11.7
	Northeast Monsoon	...	...	...	...
	Southwest Monsoon	...	...	...	...
	Tail end of the cold front	...	...	...	...
	Tornado [C]	0.4	9.0	0.6	9.9
	Tropical Cyclones Destructive	9100	10524	48.775	19672.8
	Tropical Cyclones Non-Destructive	...	...	...	0.0
	Wind [D]	144.0	7.7	33.4	185.1
N.E.C		...	...	...	...
	Convergence Zone	...	...	...	...
	Monsoon/La Mesa	...	...	...	...
	Miscellaneous	...	...	...	...
	Rockwall and Frost	...	...	...	...
	Sea Mishaps	...	...	...	...
	Sea Swelling	...	...	...	...
	Landslide	...	...	...	...

[1] Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database (CRED-EM-DAT)
[A] Comprised of Lightning/thunderstorm,thunderstorm,lightining incidents
[B] Comprised of Continuous Rains,Heavy Rains, HeavyRains/Continuous Rains
[C] Comprised of Tornado,Whirlwind, Whirlwind/Tornado
[D] Comprised of Strong wind and Big waves, strong Wind, Strong Wind/ Bigwaves
Source: National Disaster Risk Reduction and Management Council

Table 4.5 (*Continued)*

Year							
2007				2008			
Infrastructure	Agriculture	Private/ Communication	Total	Infrastructure	Agriculture	Private/ Communication	Total
1,318.9	**2,893.2**	**76.6**	**4,288.6**	**8,246.7**	**14,710.1**	**7.9**	**22,964.7**
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	**891.1**	...	**891.1**	...	...	...	**...**
...	...	...	...	...	...	...	...
...	891.1	...	891.1	...	...	...	...
...	...	...	...	...	...	...	...
61.9	**19.4**	**2.2**	**83.5**	**40.3**	**2.5**	**0.2**	**43.0**
...	...	...	...	…	…	…	…
22.9	...	1.3	24.18	0.3	1.8	…	2.081
29.0	9.4	1.0	39.3	40	0.7	0.17	40.9
10	10		20	…	…	…	…
...	...	...	...	…	…	…	…
...	...	...	...	…	…	…	…
...	...	...	...	…	…	…	…
33.8	**29.5**	**12.2**	**75.4**	**893.8**	**2016.9**	**7.5**	**2,918.1**
33.8	29.5	12.2	75.4	893.8	2016.9	7.5	2918.1
...	...	...	...	…	…	…	…
1,223.2	**1,943.2**	**62.1**	**3,228.5**	**7,312.6**	**12,690.7**	**0.2**	**20,003.6**
...	...	...	...	…	…	…	…
162.65	239.91	...	402.6	…	…	…	…
...	...	...	...	…	…	…	…
...	...	...	...	…	…	…	…
...	...	...	...	…	…	…	…
1	36.5	0.9	…	0.236	48.491	0.239	49.0
1059.54	1666.75	61.236	2787.5	7312.396	12642.241	…	19954.6
...	...	...	...	…	…	…	…
...	...	...	...	…	…	…	…
…	**10**	…	10	…	…	…	…
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	10	...	10	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

Continued

Table 4.5
ECONOMIC LOSS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY ECONOMIC ACTIVITY *(continued)*
2006 to 2015
(In million pesos)

Disaster Subgroup	Disaster Type	Year 2009			
		Infrastructure	Agriculture	Private/ Communication	Total
Total		**30,711.3**	**13,354.5**	**1,017.9**	**45,083.7**
Biological		…	…	…	…
	Bird Strikes	…	…	…	…
	Disease Outbreak	…	…	…	…
	Fish Kill	…	…	…	…
	Pest Infestation	…	…	…	…
Climatological		…	**…**	…	**…**
	Drought/ El Niño	…	…	…	…
	Dry Spell	…	…	…	…
	Wildfire/ Bushfire	…	…	…	…
Geophysical		**4.7**	**…**	**0.1**	**4.7**
	Coastal Erosion	…	…	…	…
	Earthquakes	…	…	…	…
	Landslides/ Cave-in	4.7	…	0.1	4.7
	Mudflow (Lahar)	…	…	…	…
	Soil Erosion	…	…	…	…
	Volcanic Activity	…	…	…	…
	Sinkhole	…	…	…	…
Hydrological		**13.2**	**16.8**	**3.0**	**33.0**
	Flashfloods/ Flooding	13.2	16.8	3.0	33.0
	Storm Surge	…	…	…	…
Meteorological		**30,693.4**	**13,337.7**	**1014.8**	**45,045.9**
	Lightning/ Thunderstorm [A]	…	…	…	…
	Rain [B]	…	…	…	…
	Northeast Monsoon	…	…	…	…
	Southwest Monsoon	…	…	…	…
	Tail end of the cold front	994.068	505.86	115.312	1615.2
	Tornado [C]	…	6.0	2.1	8.1
	Tropical Cyclones Destructive	29699.351	12825.866	897.4	43422.6
	Tropical Cyclones Non-Destructive	…	…	…	…
	Wind [D]	…	…	…	…
N.E.C		…	…	0.05	0.05
	Convergence Zone	...	...	...	...
	Monsoon/La Mesa	...	...	0.05	0.05
	Miscellaneous	...	...	…	…
	Rockwall and Frost	...	...	…	…
	Sea Mishaps	...	...	…	…
	Sea Swelling	...	...	…	…
	Landslide	...	...	…	…

[1] Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database (CRED-EM-DAT)
[A] Comprised of Lightning/thunderstorm,thunderstorm,lightining incidents
[B] Comprised of Continuous Rains,Heavy Rains, HeavyRains/Continuous Rains
[C] Comprised of Tornado,Whirlwind, Whirlwind/Tornado
[D] Comprised of Strong wind and Big waves, strong Wind, Strong Wind/ Bigwaves
Source: National Disaster Risk Reduction and Management Council (NDRRMC)

Table 4.5 (*Continued)*

Year							
2010				2011			
Infrastructure	Agriculture	Private/ Communication	Total	Infrastructure	Agriculture	Private/ Communication	Total
35.5	**12,645.2**	**3.5**	**12,684.2**	**1,938.9**	**702.3**	**21.0**	**2,662.3**
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	**12107.1**	…	**12107.1**	...	...	...	**...**
…	12107.125	…	12107.1	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
8.1	**13.0**	**0.5**	**21.6**	**16.0**	**0.0**	**...**	**16.1**
…	…	…	…	...	...	...	...
…	…	…	…	16.0	...	...	16.019
8.1	0.7	0.5	9.3	...	0.035		0.0
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	12.264	…	12.264	...	...	...	...
…	…	…	…	...	...	...	...
11.6	**120.2**	**1.3**	**133.0**	**16.7**	**12.5**	**…**	**29.2**
11.6	120.2	1.3	133.0	16.7	12.5	...	29.2
…	…	…	…	...	...	...	...
15.9	**404.9**	**1.7**	**422.5**	**1,906.2**	**689.8**	**21.0**	**2,617.1**
…	…	…	…	…	…	…	…
15.10	404.75	…	419.9	531.866	20.1	…	552.0
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
....	....	…	…	1372.287	666.56	21.046	2059.9
0.754	0.1	0.3	1.2	2.09	3.105	…	5.2
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	1.4	1.4	…	…	…	…
…	**…**	…	…	…	…	…	…
…	…	…	…	...	...	...	…
…	…	…	…	...	...	...	…
…	…	…	…	...	...	...	…
…	…	…	…	...	...	...	…
…	…	…	…	...	...	...	…
…	…	…	…	...	...	...	…
…	…	…	…	...	...	...	…
…	…	…	…	...	...	...	…

Continued

Table 4.5
ECONOMIC LOSS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY ECONOMIC ACTIVITY *(continued)*
2006 to 2015
(In million pesos)

Disaster Subgroup	Disaster Type	Year 2012			
		Infrastructure	Agriculture	Private/Com-munication	Total
Total		**2,213.5**	**2,671.0**	**17.8**	**4,902.3**
Biological		...	...	0.14	0.14
	Bird Strikes	…	…	0.14	…
	Disease Outbreak	…	…	…	…
	Fish Kill	…	…	…	…
	Pest Infestation	…	…	…	…
Climatological		…	**…**	…	**…**
	Drought/ El Niño	…	…	…	…
	Dry Spell	…	…	…	…
	Wildfire/ Bushfire	…	…	…	…
Geophysical		**769.1**	**…**	**…**	**…**
	Coastal Erosion	..	…	…	…
	Earthquakes	768.469	…	…	…
	Landslides/ Cave-in	0.6	…	…	…
	Mudflow (Lahar)	...	…	…	…
	Soil Erosion	...	…	…	…
	Volcanic Activity	...	…	…	…
	Sinkhole	...	…	…	…
Hydrological		**5.8**	**35.2**	**7.1**	**48.1**
	Flashfloods/ Flooding	5.8	35.2	7.1	…
	Storm Surge	…	…	…	…
Meteorological		**1,438.6**	**2,635.8**	**10.5**	**4,084.9**
	Lightning/ Thunderstorm [A]	…	…	…	…
	Rain [B]	…	180.6	…	180.6
	Northeast Monsoon	…	…	…	…
	Southwest Monsoon	1437.962	2453.712	10.25	3901.924
	Tail end of the cold front	…	…	…	…
	Tornado [C]	0.6	1.5	0.1	2.2
	Tropical Cyclones Destructive	…	…	…	…
	Tropical Cyclones Non-Destructive	…	…	…	…
	Wind [D]	…	…	0.1	0.1
N.E.C		…	…	0.02	0.02
	Convergence Zone	…	…	…	…
	Monsoon/La Mesa	…	…	…	…
	Miscellaneous	…	…	…	…
	Rockwall and Frost	…	…	…	…
	Sea Mishaps	…	…	…	…
	Sea Swelling	…	…	0.02	0.02
	Landslide	…	…	…	…

[1] Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database (CRED-EM-DAT)
[A] Comprised of Lightning/thunderstorm,thunderstorm,lightining incidents
[B] Comprised of Continuous Rains,Heavy Rains, HeavyRains/Continuous Rains
[C] Comprised of Tornado,Whirlwind, Whirlwind/Tornado
[D] Comprised of Strong wind and Big waves, strong Wind, Strong Wind/ Bigwaves
Source: National Disaster Risk Reduction and Management Council (NDRRMC)

Table 4.5 (*Continued)*

Year							
2013				2014			
Infrastructure	Agriculture	Private/ Communication	Total	Infrastructure	Agriculture	Private/ Communication	Total
2,728.6	**2,085.1**	**7.7**	**4,821.4**	**19.0**	**243.1**	**0.3**	**262.3**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	**…**	…	**…**	…	189.48	…	**189.5**
…	…	…	…	…	189.48	…	189.5
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
2257.3	**…**	**…**	**2257.3**	**…**	**…**	**…**	**…**
..	…	…	..	…	…	…	…
2257.3	…	…	2257.337	…	…	…	…
…	…	…	..	…	…	…	…
…	…	…	..	…	…	…	…
…	…	…	..	…	…	…	…
…	…	…	..	…	…	…	…
…	…	…	..	…	…	…	…
1.6	**…**	**…**	**1.6**	**18.8**	**52.3**	**0.2**	**71.3**
1.6	…	…	1.6	18.8	52.3	0.2	71.3
…	…	…	..	…	…	…	…
117.8	**63.5**	**7.7**	**189.0**	**…**	**…**	**…**	**…**
…	…	…	…	…	…	…	…
…	0.43	2.08	2.5	…	…	…	…
…	…	…	…	…	…	…	…
113.57	56.106	…	169.676	…	…	…	…
…	…	…	…	…	…	…	…
4.276	7.0	5.6	16.8	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
351.815	**2021.653**	0.02	2373.488	0.153	1.305	0.053	1.511
…	…	…	…	…	…	…	…
351.815	2021.653	…	2373.468	…	0.97	0.053	1.023
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	0.153	0.335	…	0.488
…	…	0.02	0.02	…	…	…	…

Continued

Table 4.5
ECONOMIC LOSS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY ECONOMIC ACTIVITY *(concluded)*
2006 to 2015
(In million pesos)

Disaster Subgroup	Disaster Type	2015			
		Infrastructure	Agriculture	Private/ Communication	Total
Total		**178.2**	**13,179.8**	**646.0**	**14,003.9**
Biological		…	…	…	…
	Bird Strikes	…	…	…	…
	Disease Outbreak	…	…	…	…
	Fish Kill	…	…	…	…
	Pest Infestation	…	…	…	…
Climatological		…	**13038.3**	…	**13038.3**
	Drought/ El Niño	…	13038.3	…	13038.3
	Dry Spell	…	…	…	…
	Wildfire/ Bushfire	…	…	…	…
Geophysical		**0.3**	**…**	**…**	**0.3**
	Coastal Erosion	…	…	…	…
	Earthquakes	…	…	…	…
	Landslides/ Cave-in	0.3	…	…	0.3
	Mudflow (Lahar)	…	…	…	…
	Soil Erosion	…	…	…	…
	Volcanic Activity	…	…	…	…
	Sinkhole	…	…	…	…
Hydrological		**…**	**…**	**2.5**	**2.5**
	Flashfloods/ Flooding	…	…	2.5	2.5
	Storm Surge	…	…	…	…
Meteorological		**1.8**	**5.2**	**643.5**	**650.5**
	Lightning/ Thunderstorm [A]	…	…	…	…
	Rain [B]	0.252	1.3	…	1.5
	Northeast Monsoon	…	…	…	…
	Southwest Monsoon	1.5	3.898	…	5.398
	Tail end of the cold front	…	…	…	…
	Tornado [C]	0.0	…	643.5	643.6
	Tropical Cyclones Destructive	…	…	…	…
	Tropical Cyclones Non-Destructive	…	…	…	…
	Wind [D]	…	…	…	…
N.E.C		176.136	136.294	…	312.43
	Convergence Zone	176.136	136.294	…	312.43
	Monsoon/La Mesa	…	…	…	…
	Miscellaneous	…	…	…	…
	Rockwall and Frost	…	…	…	…
	Sea Mishaps	…	…	…	…
	Sea Swelling	…	…	…	…
	Landslide	…	…	…	…

[1] Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database (CRED-EM-DAT)
[A] Comprised of Lightning/thunderstorm,thunderstorm,lightining incidents
[B] Comprised of Continuous Rains,Heavy Rains, HeavyRains/Continuous Rains
[C] Comprised of Tornado,Whirlwind, Whirlwind/Tornado
[D] Comprised of Strong wind and Big waves, strong Wind, Strong Wind/ Bigwaves
Source: National Disaster Risk Reduction and Management Council (NDRRMC)

Table 4.6

ECONOMIC LOSS DUE TO HUMAN INDUCED DISASTERS [1] BY ECONOMIC ACTIVITY
2006 to 2015
(In million pesos)

Disaster Subgroup	Disaster Type	Year			
		2006			
		Infrastructure	Agriculture	Private/ Communication	Total
Total		**601.0**	…	**105.8**	**706.8**
Armed		…	…	…	…
	Ambush Incident	…	…	…	…
	Armed Conflict	…	…	…	…
	Bomb/Grenade Explosion	…	…	…	…
	Civil Disturbance	…	…	…	…
	Family Feud	…	…	…	…
	Hostage Taking	…	…	…	…
	Military Operations	…	…	…	…
	Sabah Crisis	…	…	…	…
	Shooting Incidents	…	…	…	…
Aviation		…	…	…	…
	Air Mishaps	…	…	…	…
	Plane Crash	…	…	…	…
Chemical		…	…	…	…
	Gas Explosion (e.g.,LPG Tank)	…	…	…	…
	Mercury Poisoning	…	…	…	…
Epidemic					
	Disease Outbreak	…	…	…	…
	Epidemic/Disease Outbreak/Viral Contamination	…	…	…	…
Fire		**586.0**	…	**90.5**	**676.5**
	Bus Burning	…	…	…	…
	Fire Incidents	…	…	…	…
	Structural Fire Incidents	586.0	…	90.5	676.5
	Vehicular Fire	…	…	…	…
Land		…	…	…	…
	Train Mishaps	…	…	…	…
	Vehicular Accidents	…	…	…	…
Maritime		…	…	**15.3**	**15.3**
	Drowning Incidents	…	…	…	…
	Maritime Accidents	…	…	…	…
	Sea Mishaps	…	…	15.3	15.3
Special events		…	…	…	…
	Stampede	…	…	…	…
Others		**15.0**	…	…	**15.0**
	Cave-in	…	…	…	…
	Chemical Explosions	…	…	…	…
	Chemical/Coal/Oil Spill	15.0	…	…	15.0
	Collapsed Structure	…	…	…	…
	Complex Emergencies	…	…	…	…
	Electrocution Incidents	…	…	…	…
	Firecracker Incidents	…	…	…	…
	Fish Kill	…	…	…	…
	Gas/Chemical Leak	…	…	…	…
	Internally Displaced Persons (IDP)	…	…	…	…
	Landmine Explosion	…	…	…	…
	Mountain Climbing	…	…	…	…
	Others	…	…	…	…
	Poisoning [A]	…	…	…	…
	Sinkhole	…	…	…	…

Note: Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

1 Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council (NDRRMC)

Source: National Disaster Risk Reduction and Management Council

Table 4.6 *Continued*

				Year			
2007				2008			
Infrastructure	Agriculture	Private/ Communication	Total	Infrastructure	Agriculture	Private/ Communication	Total
6.8	…	**240.7**	**247.5**	**147.4**	**152.666**	**247.8**	**547.9**
…	…	…	…	1.06	0	0	1.06
…	…	…	…	…	…	…	…
…	…		…	…	…	…	…
…	…	20	20	1.06	…	…	1.06
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…

Table 4.6

ECONOMIC LOSS DUE TO HUMAN INDUCED DISASTERS [1] BY ECONOMIC ACTIVITY *(continued)*
2006 to 2015
(In million pesos)

Disaster Subgroup	Disaster Type	Year			
		2009			
		Infrastructure	Agriculture	Private/ Communication	Total
Total		**17.5**	…	**120.8**	**138.3**
Armed		…	…	1.5	1.5
	Ambush Incident	…	…	…	…
	Armed Conflict	…	…	…	…
	Bomb/Grenade Explosion	…	…	1.5	1.5
	Civil Disturbance	…	…	…	…
	Family Feud	…	…	…	…
	Hostage Taking	…	…	…	…
	Military Operations	…	…	…	…
	Sabah Crisis	…	…	…	…
	Shooting Incidents	…	…	…	…
Aviation		…	…	…	…
	Air Mishaps	…	…	…	…
	Plane Crash	…	…	…	…
Chemical		…	…	…	…
	Gas Explosion (e.g.,LPG Tank)	…	…	…	…
	Mercury Poisoning	…	…	…	…
Epidemic		…	…	…	…
	Disease Outbreak	…	…	…	…
	Epidemic/Disease Outbreak/Viral Contamination	…	…	…	…
Fire		**17.5**	…	**119.3**	**136.8**
	Bus Burning	…	…	…	…
	Fire Incidents	…	…	…	…
	Structural Fire Incidents	17.5	…	119.3	136.8
	Vehicular Fire	…	…	…	…
Land		…	…	…	…
	Train Mishaps	…	…	…	…
	Vehicular Accidents	…	…	…	…
Maritime		…	…	**…**	**…**
	Drowning Incidents	…	…	…	…
	Maritime Accidents	…	…	…	…
	Sea Mishaps	…	…	…	…
Special events		…	…	…	…
	Stampede	…	…	…	…
Others		**…**	…	…	**…**
	Cave-in	…	…	…	…
	Chemical Explosions	…	…	…	…
	Chemical/Coal/Oil Spill	…	…	…	…
	Collapsed Structure	…	…	…	…
	Complex Emergencies	…	…	…	…
	Electrocution Incidents	…	…	…	…
	Firecracker Incidents	…	…	…	…
	Fish Kill	…	…	…	…
	Gas/Chemical Leak	…	…	…	…
	Internally Displaced Persons (IDP)	…	…	…	…
	Landmine Explosion	…	…	…	…
	Mountain Climbing	…	…	…	…
	Others	…	…	…	…
	Poisoning [A]	…	…	…	…
	Sinkhole	…	…	…	…

Note: Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

1 Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council (NDRRMC)

Source: National Disaster Risk Reduction and Management Council

Table 4.6 *Continued*

Year							
2010				2011			
Infrastructure	Agriculture	Private/ Communication	Total	Infrastructure	Agriculture	Private/ Communication	Total
13.0	…	**192.4**	**205.4**	**168.1**	**265.35**	**0.0**	**433.5**
…	…	0.075	0.075	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	0.075	0.075	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
13.0	…	**192.4**	**205.4**	**164.0**	...	**0.0**	**164.0**
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
13.0	…	192.4	205.4	164.0	..	0.0	164.0
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	**…**	**…**	4.1	...	**...**	**4.1**
…	…	…	…	4.1	...	...	4.1
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	**…**	**...**	265.35	...	**265.4**
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	265.35	...	265.35
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...
…	…	…	…	...	...	...	...

Continued

Table 4.6

ECONOMIC LOSS DUE TO HUMAN INDUCED DISASTERS [1] BY ECONOMIC ACTIVITY *(continued)*
2006 to 2015
(In million pesos)

Disaster Subgroup	Disaster Type	Year			
		2012			
		Infrastructure	Agriculture	Private/ Communication	Total
Total		**127.6**	…	**45.2**	**172.8**
Armed		…	…	…	…
	Ambush Incident	…	…	…	…
	Armed Conflict	…	…	…	…
	Bomb/Grenade Explosion	…	…	…	…
	Civil Disturbance	…	…	…	…
	Family Feud	…	…	…	…
	Hostage Taking	…	…	…	…
	Military Operations	…	…	…	…
	Sabah Crisis	…	…	…	…
	Shooting Incidents	…	…	…	…
Aviation		…	…	…	…
	Air Mishaps	…	…	…	…
	Plane Crash	…	…	…	…
Chemical		…	…	…	…
	Gas Explosion (e.g.,LPG Tank)	…	…	…	…
	Mercury Poisoning	…	…	…	…
Epidemic		…	…	…	…
	Disease Outbreak	…	…	…	…
	Epidemic/Disease Outbreak/Viral Contamination	…	…	…	…
Fire		**127.6**	…	**41.4**	**169.0**
	Bus Burning	…	…	…	…
	Fire Incidents	…	…	…	…
	Structural Fire Incidents	127.6	…	41.4	169.0
	Vehicular Fire	…	…	…	…
Land		…	…	…	…
	Train Mishaps	…	…	…	…
	Vehicular Accidents	…	…	…	…
Maritime		…	…	**1.787**	**1.787**
	Drowning Incidents	…	…	…	…
	Maritime Accidents	…	…	1.787	1.787
	Sea Mishaps	…	…	…	…
Special events		…	…	…	…
	Stampede	…	…	…	…
Others		**…**	…	2	**2.0**
	Cave-in	…	…	…	…
	Chemical Explosions	…	…	…	…
	Chemical/Coal/Oil Spill	…	…	…	…
	Collapsed Structure	…	…	2	2
	Complex Emergencies	…	…	…	…
	Electrocution Incidents	…	…	…	…
	Firecracker Incidents	…	…	…	…
	Fish Kill	…	…	…	…
	Gas/Chemical Leak	…	…	…	…
	Internally Displaced Persons (IDP)	…	…	…	…
	Landmine Explosion	…	…	…	…
	Mountain Climbing	…	…	…	…
	Others	…	…	…	…
	Poisoning [A]	…	…	…	…
	Sinkhole	…	…	…	…

Note: Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

1 Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council (NDRRMC)

Source: National Disaster Risk Reduction and Management Council

Table 4.6 *Continued*

Year							
2013				2014			
Infrastructure	Agriculture	Private/ Communication	Total	Infrastructure	Agriculture	Private/ Communication	Total
2890.8	205.677	**517.5**	**3614.0**	**296.5**	**…**	**31.3**	**327.8**
2883.789	204.382	0.02	3088.191	…	…	…	…
…	…	…	…	…	…	…	…
2883.789	204.382	0.02	3088.191	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
7.0	0.12	**517.5**	**524.6**	**296.5**	…	**31.3**	**327.8**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
7.0	0.1	517.5	524.6	296.5	…	31.3	327.8
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	**…**	**…**	…	…	**…**	**…**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	1.175	…	**1.2**	**…**	…	…	**…**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	1.175	…	1.175	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…

Continued

Table 4.6

ECONOMIC LOSS DUE TO HUMAN INDUCED DISASTERS [1] BY ECONOMIC ACTIVITY *(concluded)*
2006 to 2015
(In million pesos)

Disaster Subgroup	Disaster Type	Year			
		2015			
		Infrastructure	Agriculture	Private/ Communication	Total
Total		**107.3**	19.22	**317.4**	**443.9**
Armed		0.19	19.22	…	19.41
	Ambush Incident	…	…	…	…
	Armed Conflict	0.19	19.22	…	19.41
	Bomb/Grenade Explosion	…	…	…	…
	Civil Disturbance	…	…	…	…
	Family Feud	…	…	…	…
	Hostage Taking	…	…	…	…
	Military Operations	…	…	…	…
	Sabah Crisis	…	…	…	…
	Shooting Incidents	…	…	…	…
Aviation		…	…	…	…
	Air Mishaps	…	…	…	…
	Plane Crash	…	…	…	…
Chemical		…	…	…	…
	Gas Explosion (e.g.,LPG Tank)	…	…	…	…
	Mercury Poisoning	…	…	…	…
Epidemic		…	…	…	…
	Disease Outbreak	…	…	…	…
	Epidemic/Disease Outbreak/Viral Contamination	…	…	…	…
Fire		**…**	…	**…**	**…**
	Bus Burning	…	…	…	…
	Fire Incidents	107.1	…	317.4	424.5
	Structural Fire Incidents	…	…	…	…
	Vehicular Fire	…	…	…	…
Land		…	…	…	…
	Train Mishaps	…	…	…	…
	Vehicular Accidents	…	…	…	…
Maritime		…	…	**…**	**…**
	Drowning Incidents	…	…	…	…
	Maritime Accidents	…	…	…	…
	Sea Mishaps	…	…	…	…
Special events		…	…	…	…
	Stampede	…	…	…	…
Others		**…**	…	…	**…**
	Cave-in	…	…	…	…
	Chemical Explosions	…	…	…	…
	Chemical/Coal/Oil Spill	…	…	…	…
	Collapsed Structure	…	…	…	…
	Complex Emergencies	…	…	…	…
	Electrocution Incidents	…	…	…	…
	Firecracker Incidents	…	…	…	…
	Fish Kill	…	…	…	…
	Gas/Chemical Leak	…	…	…	…
	Internally Displaced Persons (IDP)	…	…	…	…
	Landmine Explosion	…	…	…	…
	Mountain Climbing	…	…	…	…
	Others	…	…	…	…
	Poisoning [A]	…	…	…	…
	Sinkhole	…	…	…	…

Note: Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

1 Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council (NDRRMC)

Source: National Disaster Risk Reduction and Management Council

Table 4.7
MAJOR NATURAL EXTREME EVENTS AND DISASTERS
2006 to 2015

Dates	Disaster Subgroup	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
Total Disaster					**13,560**	**47,632**	**4,482**
2006					**1,319**	**3,281**	**1,871**
February 17	Hydrological	Landslide	Landslide Incident	Brgy. Guinsaugon, St. Bernand, Southern Leyte (Region VIII)	154	28	968
May 9 to 15	Meteorological	Storm	Typhoon Caloy	Regions I, CALABARZON, MIMAROPA, V, VI	82	59	36
July 10 to14			Tropical Storm Florita	Regions I, III, CALABARZON, V, VI, XI, CAR, and NCR	45	33	6
July 21 to25			Typhoon Glenda	Regions I, III, CALABARZON, CAR, and NCR	7	0	1
July 28 to August 2			Tropical Storm Henry	Regions I, II, and III	12	1	6
August 5 to 9			Tropical Storm Inday	CAR	2	5	0
September 25 to 29			Typhoon Milenyo	Regions III, CALABARZON, MIMAROPA, V, VI, VII, VIII, CAR, and NCR	213	660	48
October 10 to 12			Typhoon Queenie	Regions II and III	1	10	0
October 27 to 30			Typhoon Paeng	Regions I, II, III, V, and CAR	32	62	23
November 28 to December 1			Typhoon Reming	Regions III, CALABARZON, MIMAROPA, and V	734	2,360	762
			Typhoon Seniang	Regions CALABARZON, MIMAROPA, V, VI, VII, and VIII	37	63	21
2007					**124**	**50**	**39**
July 11 to13	Meteorological	Storm	Typhoon Bebeng	Regions CALABARZON, MIMAROPA, VI, IX, XI, XII, and ARMM	14	1	7
August 5 to 8			Tropical Storm Chedeng				
August 8 to 10			Tropical Storm Dodong	Regions I, III, CALABARZON, CAR, and NCR	15	10	1
August 13 to 18			Typhoon Egay	Regions I, II, III, CALABARZON, MIMAROPA, V, CAR, and NCR	5	1	0
September 27 to 30			Typhoon Hanna	Regions VI, X, XII, CAR, and NCR	14	5	0
October 1 to 7			Typhoon Ineng	Regions III, CALABARZON, MIMAROPA, X, XI, and	1	1	14
November 3 to 7			Tropical Storm Kabayan	Regions I, II, and CAR	11	1	0
November 19 to 28			Tropical Storm Lando	Regions MIMAROPA, V, VI, VII, VIII, IX, X, and CARAGA	14	11	6
November 21 to 27			Typhoon Mina	Regions I, II, III, CALABARZON, MIMAROPA, V, VIII, and	50	20	11

Table 4.7 (*Continued)*

Affected		Damaged Houses		Damaged Properties (php millions)				Total Cost of Damages (In millions)
Families	Persons	Total	Part	Agriculture	Infrastructure	Private/ Communication		
22,037,066	**106,104,482**	**1,808,159**	**5,329,336**	**225,626.3**	**81,974.1**	**66,598.4**	**P**	**374,198.8**
2,400,823	**11,271,561**	**375,962**	**863,334**	**10,876.6**	**9,416.4**	**48.8**	**P**	**20,341.8**
3,811	18,450	357	…	22.6	92.2	…		…
176,361	927,961	17,356	63,259	2,549.9	1,771.0	…		…
42,413	202,614	163	6,253	774.2	477.1	…	P	1,251.3
59,477	282,830	11	0	84.0	0.4	…	P	84.4
286,668	825,819	23	55	122.6	101.2	…	P	223.7
31	190	0	0	…	13.9	…	P	13.9
841,207	4,139,195	118,081	385,096	3,968.8	2,638.0	…	P	6,606.8
3,958	21,150	228	1,449	...	...	…		…
79,895	364,733	1,395	12,412	788.9	460.5	48.8	P	1,298.2
707,966	3,536,342	228,436	359,601	1,936.2	3,512.4	...	P	5,448.6
199,036	952,277	9,912	35,209	629.4	349.8	...	P	979.2
378,817	**1,800,617**	**251,610**	**1,215,210**	**1,666.8**	**1,029.5**	**0.5**	**P**	**2,696.7**
2,006	10,012	30	55	…	…	…		…
89	130	249,038	1,198,398	361.8	114.4	…	P	476.2
148,700	716,486	43	56	18.6	51.2	…	P	69.8
5,007	18,223	140	885	0.5	32.6	0.01	P	33.1
3,750	20,252	477	1,917	…	…	0.5	P	0.5
30,773	137,918	255	1,265	809.5	97.4	…	P	906.8
13,316	59,535	87	217	16.3	74.1	…	P	90.4
175,176	838,061	1,540	12,417	460.1	659.9	…	P	1,120.0

Continued

Table 4.7
MAJOR NATURAL EXTREME EVENTS AND DISASTERS *(continued)*
2006 to 2015

Dates	Disaster Subgroup	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
2008					**673**	**925**	**138**
May 14 to 20	Meteorological	Storm	Tropical Storm Cosmo	Regions I, II, III, VI, VII, and CAR	61	33	3
June 17 to 23			Typhoon Frank	Regions I, III, CALABARZON, MIMAROPA, V, VI, VII, VIII, IX, X, XI, XII, ARMM, CARAGA, and NCR	557	826	87
July 14 to 18			Tropical Depression Helen	Regions I, II, and CAR	2	2	0
July 25 to 28			Tropical Storm Igme	Regions I and II	7	2	3
August 3 to 4			Tropical Storm Julian	Regions I, II, III, and CAR	3	1	11
Aguust 17 to 21			Tropical Storm Karen	Regions I, II, and CAR	15	13	23
September 19 to 24			Tropical Storm Nina	Regions I, II, II, MIMAROPA, V, VI, VIII, X, and CAR	16	30	7
November 6 to 8			Tropical Depression Quinta	Regions VI, VIII, and CARAGA	12	14	3
November 13 to16			Tropical Depression Tonyo	Region XII	0	4	1

Table 4.7 (*Continued)*

Affected		Damaged Houses		Damaged Properties (php millions)				Total Cost of Damages (In millions)	
Families	Persons	Total	Part	Agriculture	Infrastructure	Private/ Communication			
1,411,057	**6,982,042**	**111,805**	**503,054**	**12,550.3**	**7,492.8**	**62.4**		**P**	**20,105.5**
287,278	1,496,635	27,724	144,469	3,720.8	972.3	…		P	4,693.1
958,515	4,776,778	82,735	345,475	7,481.3	5,856.3	…		P	13,337.7
12,028	54,318	0	0	41.0	21.3	62.2		P	124.4
9,662	22,079	5	2	1.9	…	…		P	1.9
13,878	66,130	0	0	…	135.5	…		P	135.5
98,500	437,570	1,138	12,115	1,199.2	261.0	…		P	1,460.2
31,188	128,507	170	933	106.1	246.4	…		P	352.5
0	0	32	60	…	…	…			…
8	25	1	0	…	…		0.2	P	0.2

Continued

Table 4.7
MAJOR NATURAL EXTREME EVENTS AND DISASTERS *(continued)*
2006 to 2015

Dates	Disaster Subgroup	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
2009					**1,216**	**890**	**122**
	Meteorological	Storm	Tail-end of the Cold Front	…	80	27	11
April 30 to May 2			Tropical Depression Crising	Regions CALABARZON, V, VIII, and X	2	0	1
Mayt 1 to 5			Typhoon Dante	Region V	28	8	1
May 6 to 9			Typhoon Emong	Regions I, II, III, and CAR)	64	53	13
June 23 to 26			Typhoon Feria	Regions III, CALABARZON, MIMAROPA, V, VI, VII, VIII, X, and NCR	17	12	4
July 9 to 10			Tropical Depression Gorio	Regions I and CAR	1	0	0
July 14 to 18			Tropical Storm Isang	Regions I, III, CALABARZON, and NCR	4	1	0
July 30 to August 2			Tropical Storm Jolina	Regions I, II, III, CALABARZON, MIMAROPA, VI, VII, X, and XII	13	10	2
August 3 to 9			Tropical Storm Kiko	Regions I, II, III, VI, XI, CAR, and NCR	27	18	1
September 2 to 5			Tropical Storm Labuyo	Regions III, VI, and VII	1	0	0
September 8 to10			Tropical Storm	Regions I, III,	13	2	0
September 30 to October 10			Typhoon Pepeng	Regions I, II, III, CALABARZON, MIMAROPA, V, VI, CAR, and NCR	465	207	47
October 28 to November 01			Typhoon Santi	Regions III, CALABARZON, MIMAROPA, V, and NCR	34	20	5

Table 4.7 (*Continued)*

Affected		Damaged Houses		Damaged Properties (php millions)			Total Cost of Damages (In millions)	
Families	Persons	Total	Part	Agriculture	Infrastructure	Private/ Communication		
2,874,458	**13,739,856**	**75,277**	**328,543**	**29,860.5**	**12,976.5**	**1,601.1**	**P**	**44,438.1**
292,647	1,392,851	2,739	11,516	505.9	994.1	115.3	P	1,615.2
645	3,225	0	15	…	5.0	…	P	5.0
84,213	418,928	297	3,457	625.7	597.1	73.2	P	1,296.0
84,279	400,952	23,461	32,717	980.2	412.1	…	P	1,392.3
30,566	150,491	1,435	12,196	72.0	161.9	…	P	233.9
9,740	42,720	11	2	6.2	2.7	…	P	8.9
56,056	248,057	5	3	13.5	25.6	…	P	39.2
54,318	226,823	125	320	128.3	130.2	…	P	258.5
24,332	122,056	443	456	141.2	732.3	…	P	873.4
18,972	95,685	0	11	…	…	…		…
87,202	388,373	3	20	…	…	…		…
954,087	4,478,284	6,807	55,062	20,435.5	6,012.2	767.5	P	27,215.1
170,497	802,155	9,868	57,843	351.8	307.8	45.4	P	705.0

Continued

Table 4.7
MAJOR NATURAL EXTREME EVENTS AND DISASTERS *(continued)*
2006 to 2015

Dates	Disaster Subgroup	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
2010					**133**	**133**	**50**
July 11 to 14	Meteorological	Storm	Typhoon Basyang	Regions III, CALABARZON, V, VI, and NCR	102	91	46
October 16 to 21			Typhoon Juan	Regions I, II, III, CALABARZON, CAR, and NCR	31	42	4
2011					**1,557**	**6,312**	**244**
May 6 to 11	Meteorological	Storm	Tropical Storm Bebeng	Regions III, IV toA, IV toB, NCR, V, VII and VIII	35	11	2
May 20 to 28			Typhoon Chedeng	Regions NCR, II, V, IX, X, XII and ARMM	4	0	0
June 9 to 10			Tropical Storm Dodong	Regions I, II, III, IV-A, and IV-B	3	1	3
June 14 to 20			Tropical Depression Egay	Regions III and NCR	2	1	0
June 21 to 25			Tropical Storm Falcon	Regions I, II, III and NCR	12	4	12
July 25 to 28			Tropical Storm Juaning	Regions III, IV toA,IV toB, V, VII, VIII and NCR	77	53	8
July 28 to Aug 5			Tropical Storm Kabayan	Regions I, III, IV toA, VI and NCR	8	5	1
August 21 to 29			Typhoon Mina	Regions I, II, V, VI,CAR and NCR	36	37	8
September 24 to 28			Typhoon Pedring	Regions I, II, III, IV-A, IV -B, V, VI, CAR and NCR	85	91	21
September 29 to October 02			Typhoon Quiel	Regions I, II, III and CAR	17	32	7
October 10 to 14			Tropical Storm Ramon	Regions IV-B, VI, VII, VIII, X, XII and CARAGA	10	6	1
December 16 to 18			Tropical Storm Sendong	Regions VI, VII, IX, X, XI and CARAGA	1,268	6,071	181

Table 4.7 (*Continued)*

Affected		Damaged Houses		Damaged Properties (php millions)				Total Cost of Damages (In millions)
Families	Persons	Total	Part	Agriculture	Infrastructure	Private/ Communication		
542,849	**2,594,370**	**37,426**	**184,082**	**11,760.0**	**199.0**	**425.3**	**P**	**12,384.4**
114,905	585,383	7,378	65,908	232.0	93.7	49.1	P	374.8
427,944	2,008,987	30,048	118,174	11,528.0	105.3	376.2	P	12,009.6
2,088,909	**9,884,577**	**38,380**	**149,570**	**17,640.6**	**7,591.1**	**3,116.4**	**P**	**28,348.1**
83,632	431,837	64	10,134	1,085.7	1,167.5	…	P	2,253.2
91,767	446,907	83	48	8.8	5.5	4.6	P	18.9
325	2,080	36	300	…	…	6.2	P	6.2
7,970	37,837	8	34	…	…	....		…
389,348	1,792,376	165	1,215	241.0	405.8	....	P	646.9
255,129	1,285,906	11,196	21,710	1,590.9	2,850.9	....	P	4,441.8
23,238	93,888	11	75	2.0	…	0.5	P	2.5
97,006	411,468	159	2,918	1,668.5	420.8	…	P	2,089.3
667,602	3,105,355	7,491	47,022	13,457.8	2,094.8	…	P	15,552.6
323,303	1,489,535	5,553	28,493	…	115.1	…	P	115.1
17,971	88,506	29	62	…	…	…		…
131,618	698,882	13,585	37,559	671.5	1,698.2	3,105.1	P	5,474.8

Continued

Table 4.7
MAJOR NATURAL EXTREME EVENTS AND DISASTERS *(continued)*
2006 to 2015

Dates	Disaster Subgroup	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
2012					**1,386**	**2,747**	**860**
May 31 to June 05	Meteorological	Storm	Tropical Storm Ambo	Northern Luzon, Aurora, Isabela, Cagayan, and Babuyan Island	3	7	5
June 14 to 18			Typhoon Butchoy	Aurora, Batanes, and Eastern Samar	1	0	0
June 25 to 29			Tropical Storm Dindo	Regions I and X		0	0
July 20 to 21			Tropical Depression Ferdie	Region IV -A	6	0	3
July 28 to 31			Tropical Depression Gener	Regions I,II,III,IV-A, IV-B,V, VI,VII,IX,X,XI,XII, CAR and NCR	54	35	3
August 11 to 16			Tropical Depression Helen	Regions I, II,III, IV-B and CAR	10	17	0
August 19 to 28			Typhoon Igme	Regions I, IV-A, IX and X	9	0	2
September 11 to 15			Tropical Depression Karen	Regions III, VIII and NCR	1	0	0
September 20 to 29			Typhoon Lawin	Regions IV-B and XI	3	0	1
October 01 to 06			Tropical Storm Marce	Regions III and IV-B	1	0	3
October 22 to 26			Tropical Depression Ofel	Regions III, IV toA, IV toB, V, VI, VII, VIII, IX, XII, CAR and CARAGA	27	19	6
December 02 to 09			Typhoon Pablo	Regions I, IV-B, VI, VII, VIII, IX, X, XI, XII, ARMM, CARAGA	1,248	2,666	834
December 25 to 27			Tropical Depression Quinta	Regions IV-A, IV-B, VI, VIII and CARAGA	23	3	3

Table 4.7 (*Continued)*

Affected		Damaged Houses		Damaged Properties (php millions)			Total Cost of Damages (In millions)	
Families	Persons	Total	Part	Agriculture	Infrastructure	Private/ Communication		
1,098,950	**8,006,126**	**93,419**	**142,367**	**34,267.6**	**7,819.9**	**2,860.2**	**P**	**44,947.7**
0	0	0	0	…	…	…		…
71	310	0		…	…	…		…
4,836	22,714	0	13	…	15.5	…	P	15.5
1,381	5,118	0		0.6	5.4	…	P	6.0
211,967	948,696	1,424	7,945	424.4	301.3	2.6	P	728.3
40,836	181,527	15	29	125.1	....	…	P	125.1
1,298	5,790	1	44	4.1	....	…	P	4.1
3,232	13,033	0	0	…	....	0.03	P	0.03
8,131	33,898	146	105	…	....	…		…
66	322	0	0	…	....	…		…
36,353	173,427	236	2,558	96.4	113.0	…	P	209.4
711,682	6,243,998	89,666	127,151	33,470.2	6,836.5	2,857.5	P	43,164.2
79,097	377,293	1,931	4,522	146.9	548.1	…	P	695.0

Continued

Table 4.7
MAJOR NATURAL EXTREME EVENTS AND DISASTERS *(continued)*
2006 to 2015

Dates	Disaster Subgroup	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
2013					**6,678**	**29,800**	**1,091**
October 15	Geophysical	Earthquake	Magnitude 7.2 Earthquake	Sagbayan, Bohol	227	976	8
January 3 to 4	Meteorological	Storm	Tropical Depression Auring	Regions IV-B, IX and XI	2	12	0
January 11 to 13			Tropical Storm Bising	Regions V,VIII, XI, XII and CARAGA	0	0	0
February 18 to 20			Tropical Storm Crising	Regions IV-B, VI, VII, VIII, IX, X, XI, XIII, CARAGA & ARMM	12	4	2
June 27 to July 1			Tropical Storm Gorio	Regios IV-A, IV-B, V. VI and VIII	7	4	0
July 7 to 28			Low Pressure Area embedded in ITCZ	Regions X, XII and ARMM	3	11	0
August 1 to 5			Low Pressure Area	Regions IV-A, VI, VII, IX and XII	8	10	1
August 9 to 12			Typhoon Labuyo	Regions I, II,III, V and CAR	11	7	2
August 17 to 21			Tropical Storm Maring (Induced Habagat)	Regions I, III, IV-A, IV-B, CAR and NCR	32	30	3
August 25 to 29			Tropical Depression Nando	Regions I, VIII, and CAR	1	1	0
September 16 to 22			Tropical Storm Odette	Regions I, II, III, IV toB, V, VI, and CAR	4	16	2
September 22 to 26			Southwest Monsoon	Regions III, IV toA, IV toB, and NCR	31	8	2
October 4 to 8				Intertropical Convergence Zone	20	0	2
October 8 to13			Tropical Storm Santi	Regions I,II, III, IV-A and V	15	32	5
October 29 to November 1			Typhoon Vinta	Regions I, II and CAR	5	1	2
November 6 to 9			Typhoon Yolanda	Regions IV-A, IV-B, V, VI, VII, VIII, X, XI & CARAGA	6,300	28,688	1,062

Table 4.7 (*Continued)*

Affected		Damaged Houses		Damaged Properties (php millions)			Total Cost of Damages (In millions)	
Families	Persons	Total	Part	Agriculture	Infrastructure	Private/ Communication		
5,523,982	**25,994,087**	**534,545**	**817,247**	**31,921.0**	**16,565.0**	**58,179.8**	**P**	**106,665.9**
671,099	3,219,970	15,933	62,296	…	2,257.3	…	P	2,257.3
2,610	10,597	63	122	…	1.5	…	P	1.5
5,454	16,801	0	0	…	1.5	…	P	1.5
20,086	360, 577	447	899	11.2	…	…	P	11.2
1,328	6,418	23	48	1.8	…	…	P	1.8
104,353	520,329	9	33	1,541.0	101.6	…	P	1,642.5
3,079	13,983	63	80	0.5	47.0	…	P	47.5
90,026	407,493	2,592	18,605	1,004.6	573.8	…	P	1,578.4
697,263	3,110,218	654	1,987	784.5	610.2	…	P	1,394.7
3,699	17,741	0	10	…	0.1	…	P	0.1
17,041	79,127	586	2,877	32.3	308.0	…	P	340.3
124,147	592,893	81	79	56.1	133.6	…	P	189.7
56,387	265,538	307	1,303	65.1	72.0	…	P	137.1
247,448	1,389,029	20,787	101,014	3,172.2	130.3	…	P	3,302.6
55,369	265,769	3,837	32,745	3.7	272.9	…	P	276.6
3,424,593	16,078,181	489,163	595,149	25,248.0	12,055.2	58,179.8	P	95,483.1

Continued

Table 4.7
MAJOR NATURAL EXTREME EVENTS AND DISASTERS *(continued)*
2006 to 2015

Dates	Disaster Subgroup	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
2014					**301**	**3,335**	**32**
January 17 to 20	Meteorological	Storm	Tropical Depression Agaton	Regions X, XI, and CARAGA	70	86	9
January 30 to February 1			Tropical Depression Basyang	Regions VI, VII, VIII and CARAGA	6	1	0
March 21 to 25			Tropical Depression Caloy	Regions VIII, XI, and CARAGA	0	0	0
July 13 to 17			Typhoon Glenda	Regions I, III, IV-A, IV-B, V, VIII, and NCR	106	1,257	5
July 18 to 23			Typhoon Henry	Regions IV-B, VI	0	15	0
August 02 to 07			Typhoon Jose	Regions I and III)	2	0	0
September 12 to15			Typhoon Luis	Regions I, II, III, IV toA, VI, CAR, and NCR	5	2	0
September 17 to 22			Typhoon Mario	Regions I, II, III, IV-A, IV-B, V, VII, CAR, and NCR	18	16	4
November 26 to 28			Tropical Depression Queenie	Regions IV-B, VI, VII, VIII, X, XI, and CARAGA	4	2	8
December 4 to 10			Typhoon Ruby	Regions III, IV toA, IV toB, V, VI, VII, VIII, CARAGA, and NCR	24	1,913	0
December 28 to 31			Tropical Storm Seniang	Regions IV-B, VI, VII, VIII, IX, X, XI, and CARAGA)	66	43	6

Table 4.7 (*Continued)*

Affected		Damaged Houses		Damaged Properties (php millions)			Total Cost of Damages (In millions)	
Families	Persons	Total	Part	Agriculture	Infrastructure	Private/ Communication		
2,988,919	**13,442,085**	**159,932**	**791,781**	**42,716.6**	**10,535.0**	**274.1**	**P**	**53,525.8**
236,449	1,092,398	1,704	2,327	293.1	2,674.9	26.7	P	2,994.7
10,482	47,740	33	394	0.6	8.5	…	P	9.1
3,891	19,329	0	0	…	…	…		…
1,028,319	4,673,967	112,067	521,613	33,849.2	4,520.0	247.4	P	38,616.6
214	831	47	266	…	…	…		…
4,355	15,769	0	0	1.6	…	…	P	1.6
116,733	508,367	194	2,145	1,111.4	84.7	…	P	1,196.1
453,190	2,052,141	2,256	9,335	3,105.7	646.0	…	P	3,751.7
13,182	65,239	343	3,399	…	…	…		…
992,729	4,363,677	42,634	249,433	3,635.8	2,048.5	…	P	5,684.3
129,375	602,627	654	2,869	719.2	552.4	…	P	1,271.6

Continued

Table 4.7
MAJOR NATURAL EXTREME EVENTS AND DISASTERS *(continued)*
2006 to 2015

Dates	Disaster Subgroup	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
2015					**173**	**159**	**35**
July 2015 to July 2016	Meteorological	Extreme Temperature	El Niño	Regions CAR, I, II, III, CALABARZON, MIMAROPA, V, VI, NIR, VII, VIII, IX, X, XI, XII, CARAGA, and ARMM	0	0	0
January 16 to 19		Storm	Tropical Depression Amang	Regions V , VII, VIII	2	0	0
April 1 to 5			Typhoon Chedeng	Regions II and III	0	0	0
May 7 to12			Typhoon Dodong	Region II	2	0	0
June 24			Intertropical Convergence Zone	Regions XII and ARMM	7	6	0
July 2 to 7			Severe Tropical Storm Egay	Regions I, IV-B, and CAR	0	0	0
July 2 to 20			Enhanced Southwest Monsoon	Regions I, III, IV-A , NCR and CAR	19	11	8
August 5 to 8			Typhoon Hanna	Regions VI, VII and XII	0	0	0
August 18 to 23			Typhoon Ineng	Regions I, II, IV-A, IV-B and CAR	33	24	7
September 23 to 29			Typhoon Jenny	NIR	0	0	0
October 1 to 3			Tropical Storm Kabayan	Regions I and III	1	3	12
October 14 to 21			Typhoon Lando	Regions I, II, III, IV-A, V, NCR and CAR	58	87	4
December 12 to 17			Typhoon Nona	Regions III, IV-B, V and VIII	51	28	4
December 16 to 18			Tropical Depression Onyok	Regions X,XI, and CARAGA	0	0	0

Source: National Disaster Risk Reduction and Management Council (NDRRMC)

Table 4.7 (*Concluded)*

Affected		Damaged Houses		Damaged Properties (php millions)			Total Cost of Damages (In millions)	
Families	Persons	Total	Part	Agriculture	Infrastructure	Private/ Communication		
2,728,302	**12,389,161**	**129,803**	**334,148**	**32,366.3**	**8,348.8**	**29.7**	**P**	**40,744.8**
1,481,994	6,962,727	0	0	12,834.3	…	…	P	12,834.3
25,201	106,808	49	491	507.4	829.8	…	P	1,337.3
708	2,761	0	0	…	…	…		…
1,279	4,523			12.5	3.8	…	P	16.3
25,876	126,338	72	175	136.3	176.1	…	P	312.4
13,280	55,567	7	198	147.7	67.0	…	P	214.7
26,158	124,416	18	68	3.9	1.5	…	P	5.4
11,880	58,255	20	23	0.4	…	…	P	0.4
87,704	387,999	188	5,554	2,183.3	2,333.6	29.7	P	4,546.6
2,561	12,781	13	0	…	…	…		…
12,281	59,568	97	606	6.3	40.6	…	P	46.9
733,152	3,126,130	18,795	118,885	10,910.4	3,482.0	…	P	14,392.4
303,507	1,349,532	110,539	208,145	5,623.8	1,413.3	…	P	7,037.1
2,721	11,756	5	3	…	1.1	…	P	1.1

Table 4.8
MAJOR HUMAN INDUCED DISASTERS
2006 to 2015

Dates	Disaster Subgroup	Disaster	Areas Affected	Casualties		
				Dead	Injured	Missing
Total Disaster				**1,015**	**1,134**	**2**
2006				**74**	**722**	**2**
February 4	Others	Ultra Sports Complex Stampede	NCR	74	722	…
August 11	Industrial	Oil Spill	Guimaras			2
2008				**321**	**0**	**0**
June 21	Maritime	MV Princess of the Stars Tragedy	Romblon	321	…	…
2009				**380**	**170**	**0**
10 Aug 2008 to 07 July 2009	Armed	Internally Displaced Persons in Maguindanao due to Armed Conflict	Maguindanao and Lanao del Norte	380	170	0
2013				**240**	**242**	**0**
September 9	Armed	Zamboanga Crisis	Region IX	240	242	0

Source: National Disaster Risk Reduction and Management Council (NDRRMC)

Table 4.8 ***(Continued)***

Affected		Damaged Houses		Damaged Properties (In million pesos)			Total Cost of Damages (In millions)	
Families	Persons	Total	Part	Agriculture	Infrastructure	Private/ Communication		
189,958	**917,482**	**13,237**	**724**	**357.0**	**2,982.2**	**-**	**P**	**3,339.2**
8580	**42109**	**0**	**0**	**0**	**0**	**0**	**P**	**0**
…	…	…	…	…	…	…		…
8,580	42,109	…	…	…	…	…		…
0	**0**	**0**	**0**	**0.0**	**0.0**	**0.0**	**P**	**0.0**
…	…	…	…	…	…	…		…
157,584	**756,554**	**3,077**	**724**	**152.6**	**99.0**	**0.0**	**P**	**251.6**
157,584	756,554	3,077	724	152.6	99.0	…	P	251.6
23,794	**118,819**	**10,160**	**0**	**204.4**	**2,883.2**	**0.0**	**P**	**3,087.6**
23,794	118,819	10,160	0	204.4	2,883.2	…	P	3,087.6

Component Five

Human Settlements and Environmental Health

COMPONENT FIVE

HUMAN SETTLEMENTS AND ENVIRONMENTAL HEALTH

Human Settlements and Environmental Health tackles the living conditions of humans and how they affect their health.

As human settlements affect the environment as well as the health of the people, it becomes necessary to compile its statistics for management enhancement and better quality conditions related to human settlements.

Compiled statistics in this subcomponent may provide indicators helpful to achieve the Sustainable Development Goals e.g. to ensure healthy lives and promote well-being for all at all ages (SDG 3), to ensure access to water and sanitation for all (SDG 6), and to make cities inclusive, safe, resilient and sustainable (SDG 11). The subcomponent also contains statistics related to ensuring access to affordable, reliable, sustainable and modern energy for all (SDG 7) and taking urgent action to combat climate change and its impacts (SDG 13).

This component is divided into two subcomponents: Human Settlements and Environmental Health. It contains 54 statistics, 12 of which are core statistics. Five core statistics were compiled in the compendium, three of which are under the subcomponent human settlement and two are in the subcomponent environmental health.

5.1 Human Settlements

The sub-component on human settlements deals with the totality of human community where people reside, may it be on large cities, towns, or villages. Statistics on this are usually gathered so that policy makers, analyst, and civil society will have information on how the residents work and live in their settlements, how they transform the landscape and supporting ecosystem and how it affects the resident's well-being and health.

Out of the five topics under Human Settlements, only two topics specifically 5.1.2 Access to selected basic services and 5.1.5 Environmental concerns specific to urban settlements contained core statistics. Data for these statistics are gathered usually in the form of censuses, surveys, administrative records and remote sensing.

5.1.2 Access to selected basic services

Access to selected basic services include access to water, sanitation, and waste removal services. Having access to the said basic services can have a favorable effect on a person's health and well-being, which in turn can contribute to better environmental quality.

Collected statistics for the compendium included access to improved drinking water quality and improved sanitation facility obtained from the Philippine Statistics Authority's (PSA) Census of Population and Housing (CPH) for the year 2010.

Figure 5.1 shows the percent distribution of households by source of water supply for drinking from the Census of Population and Housing. The Community Water System comprises of the own use faucet and shared faucet; Well consisting of shared tubed/piped deep well or, own use tubed/piped deep well, tubed/piped shallow well and dug well; others' category include peddlers ad others; springs (further disaggregated into protected and unprotected), lake, river rain and others; and bottled water.

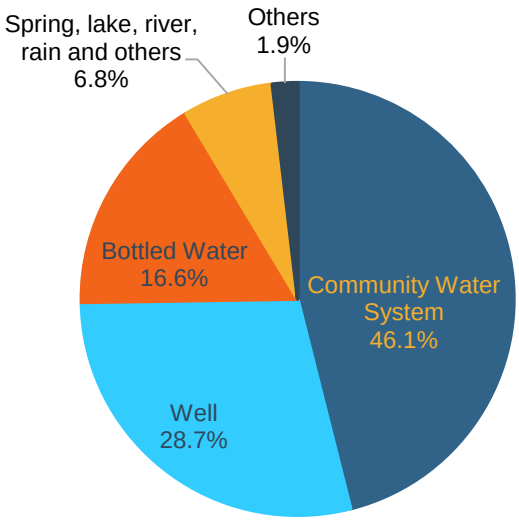
A total of 20,171,899 households was reported in the CPH. In the Community Water System, 32 percent or 6,446,213 household use own faucet compared to those with shared faucet. Shared tubed/piped deep well system was used by 11.5 percent of households. Water sourced from protected spring was also the source of 805,131 households (4 percent). A little over one percent of the households indicated peddlers as their water source.

In NCR, 51.5 percent or over 1.4 million households use their own faucets as their primary drinking water source. Almost all regions in Luzon source their drinking water primarily from their own faucets, except the Ilocos Region and Cagayan Valley Region where households use shared tubed/piped deep wells for drinking water at 22.4 percent and 27.0 percent, respectively.

Meanwhile, the Visayas regions differ in their main drinking water source. Almost 20 percent of Western Visayas households get their drinking water primarily from shared tubed/piped deep well, while 17.2 percent have their own faucets connected to community water systems. Central Visayas mainly uses bottled water (27.1 percent) and own faucets (25.8 percent) while Eastern Visayas households utilize shared faucets (32.1 percent), and own faucets (24.8 percent).

Majority of the regions in Mindanao also primarily source their drinking water from their own faucets, with the exception of ARMM which uses dug wells (20.3 percent) as their primary drinking water source.

Figure 5.1 Distribution of Households By Source of Drinking Water Supply in 2010



Source: Philippine Statistics Authority, 2010 Census of Population and Housing

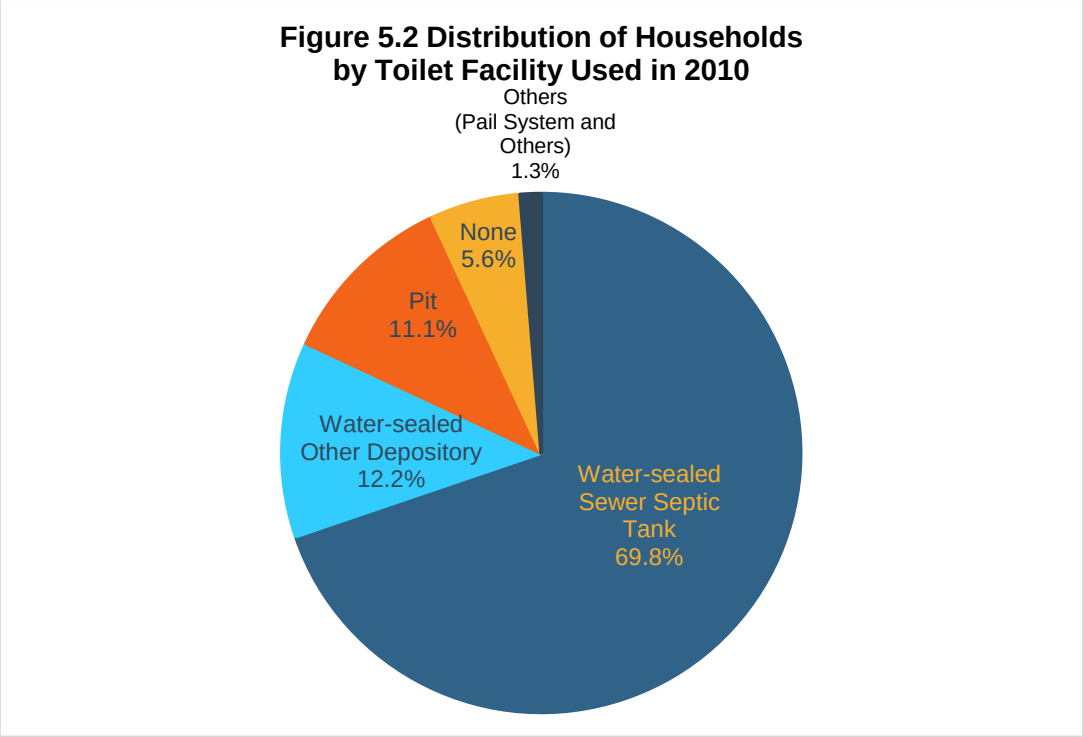
Another core statistic under this topic is access to improved sanitation facilities. On this, the number of households by kind of toilet facility from the PSA's Census of Population and Housing 2010 was used as an indicator.

Figure 5.2 shows the percent distribution of households and the type of toilet facility being used. The following types of toilet facility were identified: the water-sealed sewer septic tank which includes those that are used exclusively by households and those that are shared with other household; water sealed other depository which consists of those used exclusively by the household and those that are shared with other households; pits consisting of open and closed pits; households that do not have toilet facilities (none); and lastly other types of toilet facility.

Almost nine percent of the households use water-sealed sewer septic tank, being shared with other households. Water-sealed other depository used exclusively by households was posted at 8.6 percent. Closed pit are used by 7 percent of households.

Sixty-one percent of Filipino households have water-sealed sewer septic tank used exclusively. All regions except for ARMM use this type of facility, with NCR having the largest share at 81 percent. ARMM households primarily use closed pits (29.7 percent) and open pits (28.5 percent).

Almost six percent of the total Filipino households do not have sanitation facility. MIMAROPA has the highest percentage at 13.9 percent.



Source: Philippine Statistics Authority, 2010 Census of Population and Housing

5.1.5 Environmental concerns specific to urban settlements

Urban settlements are deemed a primary concern due to increasing population density, which in turn has an effect on human health and well-being, as well as the quality of environment. Other issues that are of concern here are the extent of urban sprawl, availability of green spaces for urban residents, the prevailing types of transportation in and between urban areas, and the existence and effectiveness of urban planning and zoning.

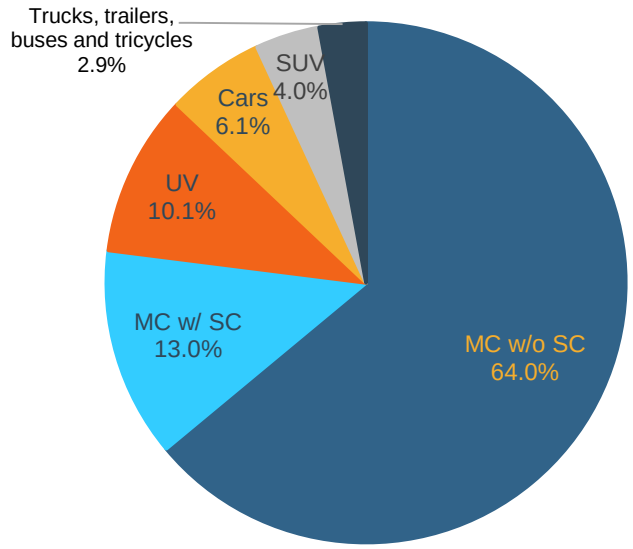
The core statistic for this topic is the number of private and public vehicles. The data gathered as an indicator for this statistics was the number of registration by type of registration and vehicle in 2015, gathered from the Land Transportation Office (LTO).

The LTO reports seven types of motor vehicles including Cars, Utility Vehicles (UV), Sports Utility Vehicle (SUV), Trucks, Buses, Trailers, and Motor Cycles which is further classified to without sidecars, with sidecars and non-conventional ones (Tricycles).

A total of 8,706,607 motor vehicles were registered in 2015. There were 1,829,753 new registrations and 6,876,854 renewed registrations.

Motorcycles without sidecars make up the largest share (39.6 percent) of the new and renewed vehicles in the country. They also comprise 64.0 percent of the newly registered vehicles, as shown in Figure 5.3, where the most motorcycles without sidecars were the ones newly registered in Cagayan Valley. Thirty-three percent of the renewals are also motorcycles without sidecars as shown in Figure 5.4, with the highest renewed in NCR.

Figure 5.3 Distribution of Newly Registered Motor Vehicles

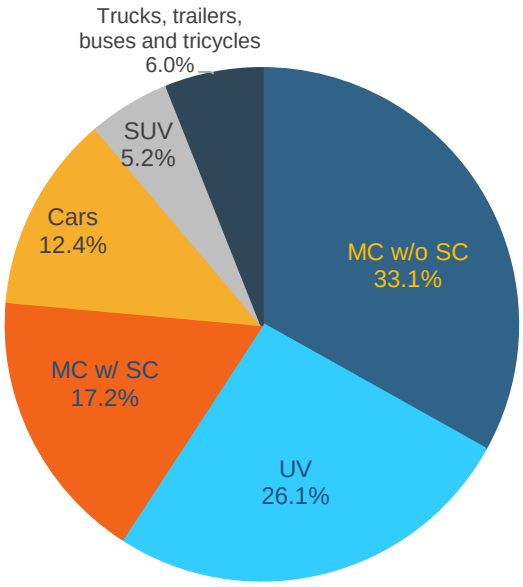


Source: Land Transportation Office

Aside from motorcycles without side cars, utility vehicles also comprise a significant share (22.7 percent) of the total registered vehicles, as well as motorcycles with sidecars (16.4 percent).

NCR, CALABARZON and Central Luzon have the greatest shares of the combined new and renewal registrations as of 2015, with respective shares of 26.6 percent, 12.8 percent and 12.0 percent of the total 8.7 million registrations. NCR also has the most abundant of these types of vehicles registered in total. Of the 2.3 million motor vehicles registered in Metro Manila, 27.8 percent are utility vehicles, 25.8 percent are motorcycles without sidecars, and 20.6 percent are passenger cars.

Figure 5.4 Percent Distribtution of Renewed Motor Vehicles



Source*:* Land Transportation Office

5.2 Environmental Health

Environmental health focuses on how the environmental factors and processes affect and alter the health of an individual. Statistics that are usually gathered here are morbidity (incidence and prevalence) and mortality of certain types of diseases.

The subcomponent has five topics wherein only 5.2.2 Water related diseases and conditions, and 5.2.3 Vector Borne Diseases have core statistics.

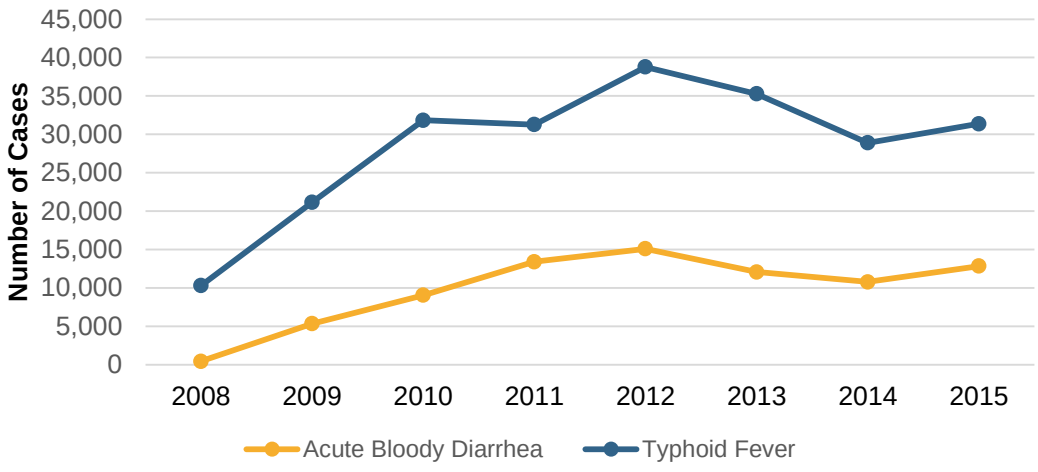
5.2.2 Water-related diseases and conditions

Water related diseases are caused by the ingestion of chemicals and micro-organisms. These include diseases caused by bacteria, viruses, protozoa, water-borne parasite infection and chemical contamination of water. Water-related diseases pose great threat to a person's health since it can trigger health problems such as cancer, organ damage, and increase in blood cholesterol and blood pressure.

The FDES 2013 recommends compiling statistics for this topic on the incidence (the rate of occurrence of new cases of disease), prevalence (part of the population with a disease at a given time period) and mortality (number of deaths by place, time and cause) of water-borne diseases. However, only the last two were compiled for this compendium.

Statistics on water-borne diseases were gathered from the Department of Health (DOH). These include the number of cases of and deaths due to Acute Bloody Diarrhea, Confirmed Cholera, Confirmed Hepatitis A, Rotavirus, and Typhoid Fever. Confirmed cholera patients are those with diarrhea that has been laboratory-confirmed through the isolation of *Vibrio cholera* from stools. Confirmed Hepatitis A cases are those laboratory-confirmed positive for IgM anti-HAV. Prevalence and deaths due to these waterborne diseases were reported for 2008 to 2015, except for Rotavirus, which has been monitored only starting in 2015 only.

Figure 5.6 Number of Cases of Acute Bloody Diarrhea and Typhoid Fever from 2008 to 2015



Source: Department of Health

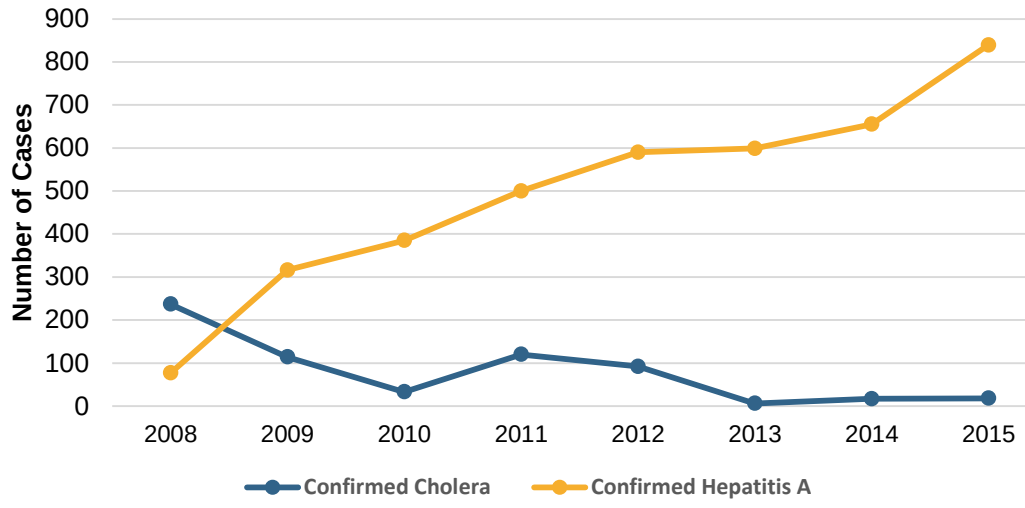
As shown in Figure 5.6, the number of cases for Typhoid Fever increased from 2008 to 2012, with peaks in 2012 with 38,783 cases, and exhibiting a decline in the succeeding years. This ailment commonly affects children and teens aged five to 15 years old, and teens and young adults aged 15 to 24 years old. Around 30 percent and 21.4 percent of patients were diagnosed with typhoid under these two latter age groups, respectively.

Cases of acute Bloody Diarrhea has been increasing from 2008 to 2012, with its highest incidence reported in 2012. A gradual decline is noted in the succeeding years. This disease commonly affects toddlers aged one to four years old (27.2 percent), adults aged 40 to 64 years old (14.5 percent), and babies aged less than a year old (14.4 percent).

Figure 5.7 shows the number of cases of confirmed cholera and confirmed hepatitis. The number of cases for Confirmed Hepatitis A has been increasing over the years from 2012 to 2015, posting the highest in 2015. More males were diagnosed with the disease than females. Majority of the patients diagnosed annually are aged 15 to 24 years old (33.6 percent), 25 to 39 years old (27.7 percent), and 5 to 14 years old (22.5 percent).

Cases of Confirmed Cholera, on the other hand, has decreased over time, with the highest reported cases of 120 cases in 2011 and the lowest in 2013 with only 6 cases. On average, this disease is most prevalent in children, at 27.4 percent for those aged one to four years old, and 29.5 percent for those aged five to 14 years old.

Figure 5.7 Number of Cases of Confirmed Cholera and Confirmed Hepatitis A, from 2008 to 2015



Source: Department of Health

The highest number of reported deaths from water-borne diseases for the years 2008 to 2015 were due to Typhoid Fever (599 deaths) and Acute Bloody Diarrhea (186 deaths). Cases of reported deaths due to Hepatitis A were posted at 17 deaths and for the confirmed Cholera, eight deaths. Mortality due to Typhoid Fever was highest in 2012 with 141 recorded deaths, while mortality due to Acute Bloody Diarrhea peaked in 2011, with 48 deaths.

On average among deaths due to Typhoid Fever patients are more common among those aged 15 to 24 years old (23.7 percent), 25 to 39 years old (22.8 percent), and 40 to 64 years old (22.1 percent). Acute bloody diarrhea mortality is more common in infants aged less than a year old (30.9 percent) and toddlers aged 1 to 4 years old (24.6 percent).

As mentioned above, surveillance of the DOH for Rotavirus commenced in 2015 for certain Rural Health Units. A total of 3,240 cases and 44 deaths was recorded due to rotavirus.

5.2.3 Vector-borne diseases

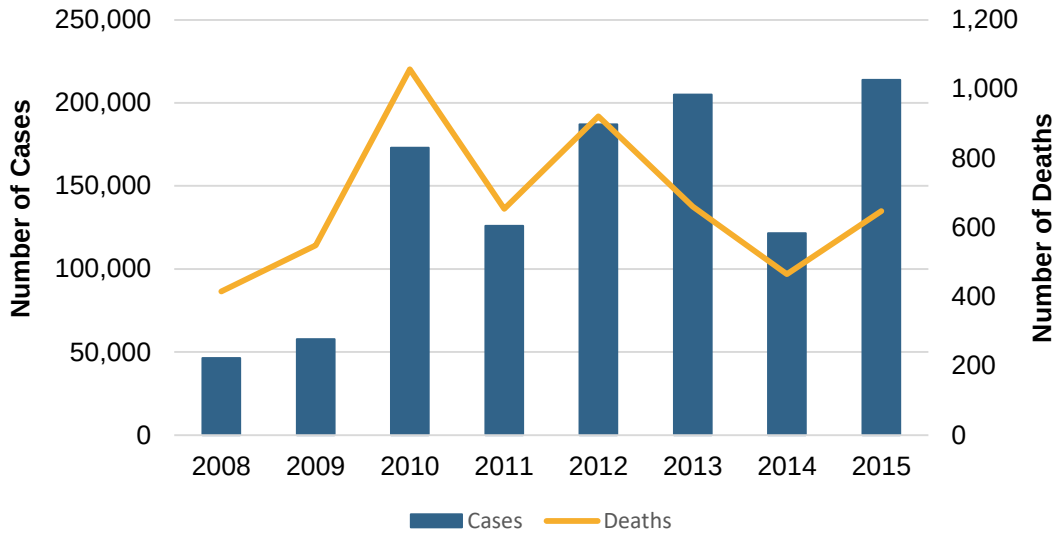
Vector-borne diseases are those that are transferred by organisms such as insects that have viruses, bacteria, protozoa and other pathogens in them.

Statistics on vector-borne diseases were gathered from the Department of Health (DOH). These include the number of cases and deaths for Dengue and Malaria.

A total of 1,130,658 cases and 5,367 deaths were reported due to Dengue from 2008 to 2015. Figure 5.8 displays the number of cases and deaths caused by Dengue per year. The highest number of deaths occurred in 2010, within 213,930 recorded deaths. In 2014, the number of cases dropped by 40.7 percent from the preceding year. However, it went up to 76.0 percent in the following year.

On average, of the recorded cases of Dengue on an annual basis, 33.1 percent were children aged five to 14 years old, and 31.7 percent of were aged 15 to 24 years old. An average of 21,674 cases were recorded annually in NCR. Central Luzon respectively recorded annual averages of 20,625 and 18,519 cases.

Figure 5.8 Number of Cases and Deaths from Dengue, from 2008 to 2015

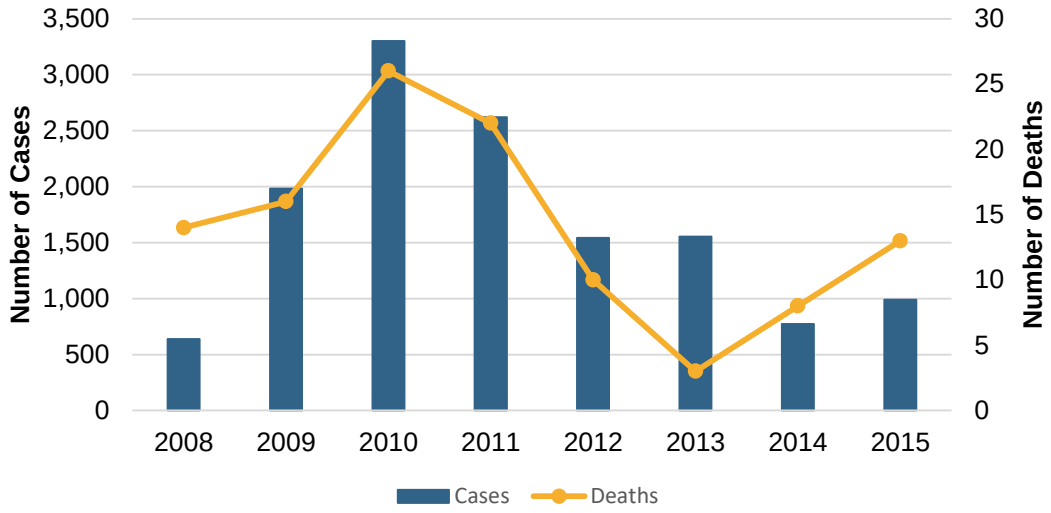


Source: Department of Health

Figure 5.9 shows the recorded number of cases and deaths due to malaria peaking in 2010 at 3,300 recorded cases and 26 deaths.

Incidence of malaria is more common in five to 14 year-olds at 28.1 percent of the average annual number of cases, and 15 to 24 year-olds and 25 to 34 year-olds, with an approximate share of 18.6 percent for both. In recent years, malaria is more prevalent in MIMAROPA than in other regions reflecting 594 of the 990 cases in 2015.

Figure 5.11 Number of Cases and Deaths from Malaria, from 2008 to 2015



Source: Department of Health

Statistical Tables

Human Settlements and Environmental Health

Table 5.1
NUMBER OF HOUSEHOLDS BY SOURCE OF WATER SUPPLY FOR DRINKING AND BY REGION
2010

Region		Total Number of Households	Sources of Water Supply for Drinking					
			Own Use Faucet, Community Water System	Shared Faucet, Community Water System	Own Use Tubed/ Piped Deep Well	Shared Tubed/ Piped Deep Well	Tubed/ Piped Shallow Well	Dug Well
Philippines		**20,171,899**	**6,446,213**	**2,846,802**	**1,399,539**	**2,326,278**	**930,196**	**1,129,988**
NCR	National Capital Region	2,759,829	1,420,939	276,574	16,776	27,768	7,059	3,869
CAR	Cordillera Administrative Region	352,403	94,451	56,279	16,111	31,956	8,730	11,800
I	Ilocos	1,050,605	177,965	66,125	208,377	235,608	101,388	49,008
II	Cagayan Valley	727,327	98,353	39,442	138,485	196,607	82,123	72,124
III	Central Luzon	2,239,011	794,652	171,471	310,010	317,489	146,993	30,641
IV-A	CALABARZON	2,833,595	1,197,295	286,977	131,437	197,553	76,303	80,417
IV-B	MIMAROPA	602,131	134,934	88,529	65,798	98,945	50,778	63,571
V	Bicol	1,111,753	309,246	232,144	71,163	152,189	57,631	118,090
VI	Western Visayas	1,526,587	262,744	176,065	127,398	302,628	105,739	186,904
VII	Central Visayas	1,487,710	384,041	253,403	34,845	123,221	41,864	110,143
VIII	Eastern Visayas	865,657	215,019	278,197	37,946	113,628	36,147	64,017
IX	Zamboanga Peninsula	726,272	207,237	177,704	18,156	58,823	25,129	83,445
X	Northern Mindanao	917,840	344,656	223,001	22,667	72,326	21,863	35,189
XI	Davao	1,011,943	353,592	173,469	44,004	129,010	41,854	28,688
XII	SOCCSKSARGEN	916,038	226,654	147,616	99,816	154,336	76,530	62,650
XIII	Caraga	504,257	132,590	129,930	23,177	67,181	20,676	20,038
ARMM	Autonomous Region in Muslim Mindanao	538,941	91,844	69,876	33,373	47,010	29,389	109,395

Source: Philippine Statistics Authority

Table 5.1 ***(continued)***

Region		Sources of Water Supply for Drinking					
		Protected Spring	Unprotected Spring	Lake, river, rain and others	Peddler	Bottled Water	Others
Philippines		**805,131**	**340,448**	**216,291**	**264,268**	**3,355,965**	**110,780**
NCR	National Capital Region	2,310	176	192	25,646	949,016	29,505
CAR	Cordillera Administrative Region	32,391	12,201	2,729	2,887	81,264	1,604
I	Ilocos	23,568	4,865	969	2,486	178,010	2,235
II	Cagayan Valley	21,262	11,879	2,342	1,697	60,261	2,751
III	Central Luzon	29,056	7,276	3,004	10,519	405,954	11,946
IV-A	CALABARZON	61,862	14,291	10,185	35,473	727,768	14,035
IV-B	MIMAROPA	24,097	17,291	11,933	12,007	32,246	2,001
V	Bicol	63,788	26,917	5,130	29,316	43,459	2,680
VI	Western Visayas	89,191	36,338	12,868	17,031	197,979	11,703
VII	Central Visayas	77,399	30,445	11,806	12,418	403,583	4,541
VIII	Eastern Visayas	38,165	17,350	7,189	12,847	43,304	1,848
IX	Zamboanga Peninsula	54,778	37,262	6,309	17,544	38,392	1,494
X	Northern Mindanao	72,160	39,329	8,382	6,621	69,080	2,567
XI	Davao	82,402	31,168	18,937	47,442	47,778	13,597
XII	SOCCSKSARGEN	65,016	28,337	11,440	9,403	29,660	4,578
XIII	Caraga	28,978	13,091	17,774	9,424	39,381	2,018
ARMM	Autonomous Region in Muslim Mindanao	38,708	12,233	85,102	11,507	8,829	1,675

Table 5.2
NUMBER OF HOUSEHOLDS BY KIND OF TOILET FACILITY USED AND BY REGION
2010

Region		Total Number of House-holds	Kind of Toilet Facility							
			Water-sealed Sewer Septic Tank Used Exclusive-ly by House-hold	Water-sealed Sewer Septic Tank Used Shared with Other House-holds	Water-sealed Other Deposito-ry Used Exclu-sively by House-hold	Water-sealed Other Deposito-ry Shared with Other House-holds	Closed Pit	Open Pit	Others (Pail System and Others)	None
Philippines		**20,171,899**	**12,346,382**	**1,729,927**	**1,732,576**	**721,073**	**1,406,244**	**840,260**	**261,060**	**1,134,376**
NCR	National Capital Region	2,759,829	2,244,845	299,928	89,248	58,930	19,053	12,377	24,763	10,686
CAR	Cordillera Administrative Region	352,403	200,930	38,331	21,552	10,145	41,855	31,415	973	7,203
I	Ilocos	1,050,605	636,319	106,775	154,236	58,602	58,066	17,173	10,084	9,350
II	Cagayan Valley	727,327	361,836	70,070	127,769	61,185	61,442	33,385	1,844	9,798
III	Central Luzon	2,239,011	1,629,962	199,172	188,278	75,526	62,109	18,965	31,512	33,489
IV-A	CALABARZON	2,833,595	2,160,797	188,195	189,243	70,130	83,363	43,341	34,269	64,257
IV-B	MIMAROPA	602,131	296,740	49,597	49,345	22,488	63,110	27,226	9,637	83,988
V	Bicol	1,111,753	575,224	82,531	102,928	42,413	95,922	40,700	19,141	152,894
VI	Western Visayas	1,526,587	762,007	86,449	201,533	46,994	172,560	93,525	23,364	140,154
VII	Central Visayas	1,487,710	817,916	152,218	105,017	47,336	81,464	63,904	20,459	199,397
VIII	Eastern Visayas	865,657	468,830	56,761	69,373	23,041	52,731	32,957	14,085	147,879
IX	Zamboanga Peninsula	726,272	312,283	45,692	91,342	28,339	104,946	67,086	11,775	64,809
X	Northern Mindanao	917,840	520,436	79,982	71,132	31,427	97,540	62,564	8,216	46,544
XI	Davao Region	1,011,943	591,928	117,121	84,784	35,679	87,478	48,734	8,361	37,857
XII	SOCCSKSAR-GEN	916,038	381,451	99,333	99,854	66,377	124,630	79,557	11,836	53,000
XIII	Caraga	504,257	305,817	29,790	55,793	14,533	40,096	13,971	5,745	38,511
ARMM	Autonomous Region in Muslim Mindanao	538,941	79,063	27,981	31,151	27,930	159,880	153,381	24,996	34,560

Source: Philippine Statistics Authority

Table 5.3
NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF REGISTRATION BY REGION AND BY TYPE OF MV
2015

	Cars		UV		SUV		Trucks		Buses	
	New	Renewal	New	Renewal	New	Renewal	New	Renewal	New	Renewal
Philippines	**110,952**	**851,413**	**183,982**	**1,793,517**	**73,099**	**355,122**	**40,543**	**344,027**	**2,788**	**29,155**
NCR	65,460	411,860	77,863	565,823	44,298	170,029	9,155	74,580	2,338	12,940
CAR	-	9,183	-	46,044	-	6,514	-	5,574	-	470
I	2,244	30,456	2,735	80,335	1,768	12,040	194	13,789	60	833
II	682	12,035	1,487	56,211	887	7,391	36	18,041	1	533
III	9,078	99,965	16,686	223,797	7,124	38,912	21,018	42,144	30	3,119
IV-A	11,216	122,105	10,949	237,923	5,581	36,330	550	23,454	302	1,150
IV-B	-	3,221	-	18,800	-	2,455	-	4,245	-	299
V	1,458	11,982	1,761	41,484	736	4,755	31	10,469	3	1,164
VI	3,868	29,635	7,395	93,791	2,724	15,124	76	30,301	1	1,148
VII	9,661	45,450	18,239	137,614	4,328	21,302	2,193	29,058	5	1,075
VIII	870	5,236	2,858	31,488	326	4,374	101	10,458	2	550
IX	574	10,367	14,562	48,832	257	6,360	2,143	12,725	8	545
X	2,273	15,664	5,473	58,294	2,120	8,785	71	18,484	4	749
XI	2,203	21,262	8,586	64,809	1,969	10,257	158	18,494	2	499
XII	862	18,504	14,219	62,768	776	7,247	4,816	25,153	2	413
Caraga	503	4,488	1,169	25,504	205	3,247	1	7,058	30	3,668

*Non-conventional MC - three-wheeled motor vehicle

Note: Excluding reports of New Reg. (CAR - June 2016), Patin-ay D.O. (Caraga - Feb., Apr., June & July 2016)
and Trento E.O. (Caraga - July & Aug. 2016)

Source: Land Transportation Office

Table 5.3 *(continued)*

MC						Trailers		Total		Grand Total
w/o		w/ SC		Non-conventional*						
New	Renewal	New	Renewal	New	Renewal	New	Renewal	New	Renewal	
1,170,535	**2,277,571**	**238,300**	**1,185,659**	**1,579**	**3,419**	**7,975**	**36,971**	**1,829,753**	**6,876,854**	**8,706,607**
154,159	443,488	66,382	196,488	1,046	31	4,206	17,058	424,907	1,892,297	2,317,204
-	22,554	-	15,613	-	17	1	135	1	106,104	106,105
87,917	111,869	12,395	123,976	2	8	4	763	107,319	374,069	481,388
157,879	77,100	35,306	76,709	1	29	172	2,686	196,451	250,735	447,186
76,242	245,612	32,672	222,047	-	-	2,411	5,306	165,261	880,902	1,046,163
143,747	304,872	32,302	183,292	5	20	11	1,455	204,663	910,601	1,115,264
-	41,427	-	26,026	-	2	-	25	0	96,500	96,500
53,588	98,020	13,534	67,542	-	-	1	524	71,112	235,940	307,052
87,151	103,069	17,070	73,016	22	48	1	897	118,308	347,029	465,337
107,596	265,616	12,164	54,509	383	11	305	2,401	154,874	557,036	711,910
41,272	75,701	-	14,843	28	2,664	63	311	45,520	145,625	191,145
50,953	114,219	436	17,697	20	70	141	434	69,094	211,249	280,343
45,319	85,638	4,509	30,105	58	2	9	1,318	59,836	219,039	278,875
85,881	160,975	9	16,447	14	496	1	1,700	98,823	294,939	393,762
43,615	86,087	11,520	55,483	-	14	617	1,695	76,427	257,364	333,791
35,216	41,324	1	11,866	-	7	32	263	37,157	97,425	134,582

Table 5.4.1a
WATER BORNE DISEASES CASES AND DEATHS BY REGION
Acute Bloody Diarrhea
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**436**	**1**	**5,323**	**17**	**9,050**	**20**	**13,392**	**48**
NCR	0	0	262	1	88	0	119	0
CAR	0	0	43	0	1,240	2	1,159	1
I	0	0	10	0	52	0	75	1
II	0	0	619	0	597	0	1,063	0
III	1	0	21	0	182	0	270	0
IVA	14	1	827	4	1,078	0	258	0
IVB	0	0	65	0	171	0	177	0
V	0	0	3	0	56	0	7	0
VI	1	0	438	0	603	1	339	0
VII	66	0	506	4	1,822	7	5,643	36
VIII	121	0	280	2	366	1	620	0
IX	0	0	86	0	614	1	673	3
X	139	0	334	1	467	5	590	1
XI	26	0	111	1	247	2	535	2
XII	59	0	1,197	0	917	0	610	1
Caraga	9	0	374	1	545	1	1,229	3
ARMM	0	0	147	3	5	0	25	0

Source: Department of Health

Table 5.4.1b
WATER BORNE DISEASES CASES AND DEATHS BY SEX
Acute Bloody Diarrhea
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**436**	**1**	**5,323**	**17**	**9,050**	**20**	**13,392**	**48**
Female	212	0	2,537	8	4,367	7	6,479	20
Male	224	1	2,786	9	4,681	13	6,913	28
Unspecified	0	0	0	0	2	0	0	0

Source: Department of Health

Table 5.4.1c
WATER BORNE DISEASES CASES AND DEATHS BY AGE GROUP
Acute Bloody Diarrhea
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**436**	**1**	**5,323**	**17**	**9,050**	**20**	**13,392**	**48**
<1	66	1	772	3	1,533	7	2,151	15
1–4	93	0	1,337	3	2,697	4	3,739	13
5–14	54	0	656	1	1,143	1	1,716	4
15–24	54	0	597	0	857	1	1,478	2
25–39	65	0	744	2	1,060	2	1,765	3
40–64	67	0	802	3	1,179	3	1,742	4
65 & up	37	0	396	5	560	2	801	7
Unspecified	0	0	19	0	21	0	0	0

Source: Department of Health

Table 5.4.1a *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**15,080**	**39**	**12,058**	**34**	**10,774**	**9**	**12,833**	**18**
NCR	199	0	250	0	135	0	206	0
CAR	2,417	1	1,893	4	1,608	1	1,668	1
I	142	0	87	1	61	0	84	0
II	1,738	0	1,211	1	1,811	3	1,455	0
III	375	0	297	0	369	0	258	0
IVA	181	0	187	1	163	0	246	0
IVB	220	0	146	0	182	0	87	1
V	13	0	5	1	2	0	44	0
VI	205	2	57	0	72	0	278	0
VII	4,992	21	3,407	20	1,755	2	3,568	10
VIII	646	1	424	0	700	2	481	1
IX	1,156	2	1,440	3	1,124	0	1,084	3
X	866	3	905	1	1,020	0	1,082	2
XI	296	2	420	1	129	0	216	0
XII	487	2	296	0	206	1	547	0
Caraga	1,088	4	988	1	1,359	0	1,519	0
ARMM	59	1	45	0	78	0	10	0

Table 5.4.1b *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**15,080**	**39**	**12,058**	**34**	**10,774**	**9**	**12,833**	**18**
Female	7,395	22	5,775	7	5,306	5	6,501	11
Male	7,685	17	6,283	27	5,468	4	6,332	7
Unspecified	0	0	0	0	0	0	0	0

Table 5.4.1c *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**15,080**	**39**	**12,058**	**34**	**10,774**	**9**	**12,833**	**18**
<1	2,406	14	1,729	11	1,375	3	1,347	1
1–4	4,147	9	3,262	8	2,963	3	3,207	5
5–14	1,867	3	1,509	4	1,508	1	1,912	2
15–24	1,640	0	1,304	2	1,156	0	1,526	1
25–39	1,955	1	1,668	3	1,330	0	1,787	0
40–64	2,099	6	1,825	4	1,713	1	2,060	3
65 & up	964	6	761	2	729	1	994	6
Unspecified	2	0	0	0	0	0	0	0

Table 5.4.2a
WATER BORNE DISEASES CASES AND DEATHS BY REGION
Confirmed Cholera
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**237**	**0**	**114**	**1**	**33**	**2**	**120**	**3**
NCR	0	0	32	0	10	0	8	0
CAR	0	0	2	0	0	0	0	0
I	235	0	38	0	0	0	0	0
II	0	0	0	0	4	0	0	0
III	0	0	6	0	1	0	0	0
IVA	0	0	20	1	2	0	2	0
IVB	0	0	0	0	0	0	29	0
V	0	0	5	0	0	0	29	2
VI	0	0	0	0	0	0	0	0
VII	0	0	0	0	0	0	1	0
VIII	2	0	10	0	0	0	18	0
IX	0	0	0	0	0	0	2	0
X	0	0	1	0	1	1	0	0
XI	0	0	0	0	8	1	0	0
XII	0	0	0	0	0	0	3	0
Caraga	0	0	0	0	7	0	28	1
ARMM	0	0	0	0	0	0	0	0

Source: Department of Health

Table 5.4.2b
WATER BORNE DISEASES CASES AND DEATHS BY SEX
Confirmed Cholera
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**237**	**0**	**114**	**1**	**33**	**2**	**120**	**3**
Female	101	0	46	0	18	2	57	1
Male	136	0	68	1	15	0	63	2

Source: Department of Health

Table 5.4.2c
WATER BORNE DISEASES CASES AND DEATHS BY AGE GROUP
Confirmed Cholera
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**237**	**0**	**114**	**1**	**33**	**2**	**120**	**3**
<1	14	0	11	0	2	1	8	1
1–4	76	0	33	1	5	0	21	1
5–14	77	0	23	0	7	0	38	1
15–24	25	0	15	0	8	0	24	0
25–39	15	0	15	0	2	0	15	0
40–64	17	0	12	0	6	0	14	0
65 & up	13	0	5	0	3	1	0	0

Source: Department of Health

Table 5.4.2a *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**92**	**2**	**6**	**0**	**17**	**0**	**18**	**0**
NCR	0	0	0	0	0	0	5	0
CAR	0	0	0	0	0	0	0	0
I	0	0	0	0	0	0	0	0
II	0	0	0	0	0	0	0	0
III	0	0	0	0	1	0	0	0
IVA	0	0	0	0	0	0	3	0
IVB	0	0	0	0	0	0	0	0
V	74	2	0	0	0	0	0	0
VI	0	0	0	0	0	0	0	0
VII	6	0	3	0	0	0	0	0
VIII	1	0	0	0	0	0	0	0
IX	0	0	0	0	0	0	0	0
X	0	0	0	0	0	0	0	0
XI	0	0	0	0	0	0	0	0
XII	2	0	3	0	16	0	10	0
Caraga	6	0	0	0	0	0	0	0
ARMM	3	0	0	0	0	0	0	0

Table 5.4.2b *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**92**	**2**	**6**	**0**	**17**	**0**	**18**	**0**
Female	49	2	2	0	6	0	2	0
Male	43	0	4	0	11	0	16	0

Table 5.4.2c *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**92**	**2**	**6**	**0**	**17**	**0**	**18**	**0**
<1	3	0	0	0	1	0	0	0
1–4	22	1	2	0	2	0	0	0
5–14	29	1	1	0	2	0	10	0
15–24	15	0	0	0	3	0	5	0
25–39	12	0	2	0	3	0	3	0
40–64	10	0	1	0	3	0	0	0
65 & up	1	0	0	0	3	0	0	0

Table 5.4.3a
WATER BORNE DISEASES CASES AND DEATHS BY REGION
Confirmed Hepatitis A
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**77**	**1**	**316**	**4**	**385**	**2**	**500**	**2**
NCR	1	0	25	0	32	0	29	0
CAR	1	0	28	0	9	0	7	0
I	0	0	14	0	8	0	1	0
II	0	0	4	0	4	0	4	0
III	1	0	0	0	5	0	20	0
IVA	2	1	8	0	28	0	21	0
IVB	0	0	2	0	2	0	12	0
V	1	0	3	0	2	0	6	0
VI	10	0	80	0	177	1	128	0
VII	10	0	40	1	49	0	113	2
VIII	0	0	0	0	6	0	13	0
IX	13	0	22	1	15	0	33	0
X	23	0	28	0	21	1	7	0
XI	6	0	11	0	0	0	27	0
XII	1	0	6	0	0	0	31	0
Caraga	6	0	40	2	17	0	46	0
ARMM	2	0	5	0	10	0	2	0

Source: Department of Health

Table 5.4.3b
WATER BORNE DISEASES CASES AND DEATHS BY SEX
Confirmed Hepatitis A
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**77**	**1**	**316**	**4**	**385**	**2**	**500**	**2**
Female	29	0	100	1	152	1	192	0
Male	48	1	216	3	233	1	308	2

Source: Department of Health

Table 5.4.3c
WATER BORNE DISEASES CASES AND DEATHS BY AGE GROUP
Confirmed Hepatitis A
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**77**	**1**	**316**	**4**	**385**	**2**	**500**	**2**
<1	3	1	10	0	5	0	2	0
1–4	1	0	4	0	10	0	8	0
5–14	20	0	48	1	73	0	83	0
15–24	29	0	106	1	141	0	139	0
25–39	14	0	105	1	117	1	179	1
40–64	9	0	36	1	31	1	81	1
65 & up	1	0	7	0	7	0	8	0
Unspecified	0	0	0	0	1	0	0	0

Source: Department of Health

Table 5.4.3a *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**590**	**3**	**599**	**2**	**655**	**2**	**839**	**1**
NCR	39	0	55	0	21	0	36	0
CAR	39	0	16	0	17	0	16	0
I	14	0	18	0	31	1	28	0
II	8	0	15	0	10	0	2	0
III	32	0	42	0	64	0	38	0
IVA	34	1	54	1	76	0	76	0
IVB	8	0	6	0	40	0	6	1
V	8	0	26	0	19	0	8	0
VI	97	1	77	0	97	1	200	0
VII	120	0	57	0	41	0	140	0
VIII	16	0	14	0	3	0	9	0
IX	57	0	76	0	83	0	90	0
X	23	1	26	0	53	0	109	0
XI	15	0	31	1	32	0	18	0
XII	44	0	52	0	35	0	34	0
Caraga	14	0	15	0	15	0	6	0
ARMM	22	0	19	0	18	0	23	0

Table 5.4.3b *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**590**	**3**	**599**	**2**	**655**	**2**	**839**	**1**
Female	199	0	211	0	238	0	300	0
Male	391	3	388	2	417	2	539	1

Table 5.4.3c *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**590**	**3**	**599**	**2**	**655**	**2**	**839**	**1**
<1	6	0	3	1	4	0	9	0
1–4	22	0	20	0	21	0	28	0
5–14	140	1	124	0	153	0	218	0
15–24	195	1	193	0	216	0	305	0
25–39	148	0	170	1	179	2	207	0
40–64	64	1	76	0	73	0	67	1
65 & up	15	0	13	0	9	0	5	0
Unspecified	0	0	0	0	0	0	0	0

Table 5.4.4a
WATER BORNE DISEASES CASES AND DEATHS BY REGION
Rotavirus
2015

	Cases	Deaths
Philippines	**3,240**	**44**
NCR	122	0
CAR	0	0
I	557	13
II	0	0
III	1	0
IVA	5	0
IVB	216	0
V	50	0
VI	342	1
VII	0	0
VIII	0	0
IX	0	0
X	5	0
XI	0	0
XII	717	10
Caraga	505	0
ARMM	720	20

Source: Department of Health

Table 5.4.4b
WATER BORNE DISEASES CASES AND DEATHS BY SEX
Rotavirus
2015

	Cases	Deaths
Philippines	**3,240**	**44**
Female	1,324	22
Male	1,916	22

Source: Department of Health

Table 5.4.4c
WATER BORNE DISEASES CASES AND DEATHS BY AGE GROUP
Rotavirus
2015

	Cases	Deaths
Philippines	**3,240**	**44**
<1	1,430	19
1–4	1,806	25
5–14	4	0
15–24	0	0
25–39	0	0
40–64	0	0
65 & UP	0	0

Source: Department of Health

Table 5.4.5a
WATER BORNE DISEASES CASES AND DEATHS BY REGION
Typhoid Fever
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**10,284**	**42**	**21,136**	**69**	**31,833**	**68**	**31,276**	**129**
NCR	482	3	703	2	727	6	745	6
CAR	1	0	804	0	1,781	0	2,167	4
I	610	0	1,684	4	1,739	0	1,742	2
II	454	1	742	2	708	1	734	3
III	34	0	444	1	1,024	2	2,612	5
IVA	867	0	3,638	8	6,735	3	4,718	3
IVB	232	13	304	2	1,035	1	1,150	11
V	527	9	1,194	10	1,282	4	925	14
VI	2,473	3	3,544	7	4,368	8	4,250	31
VII	385	3	1,384	11	2,619	14	2,718	16
VIII	640	2	351	3	1,778	7	1,718	8
IX	554	0	852	6	1,414	6	1,771	12
X	1,632	5	1,138	1	1,957	2	1,835	3
XI	427	1	197	0	173	1	305	2
XII	156	0	1,590	2	2,008	1	2,027	3
Caraga	530	0	2,007	6	1,896	8	1,497	4
ARMM	280	2	560	4	589	4	362	2

Source: Department of Health

Table 5.4.5b
WATER BORNE DISEASES CASES AND DEATHS BY SEX
Typhoid Fever
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**10,284**	**42**	**21,136**	**69**	**31,833**	**68**	**31,276**	**129**
Female	4,646	16	9,735	29	15,172	32	14,564	58
Male	5,638	26	11,401	40	16,661	36	16,712	71

Source: Department of Health

Table 5.4.5c
WATER BORNE DISEASES CASES AND DEATHS BY AGE GROUP
Typhoid Fever
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**10,284**	**42**	**21,136**	**69**	**31,833**	**68**	**31,276**	**129**
<1	215	1	486	0	821	1	620	0
1–4	1,243	2	2,714	3	4,440	1	4,303	7
5–14	3,217	7	6,316	8	10,108	10	9,625	28
15–24	2,322	16	4,827	19	7,068	19	6,700	18
25–39	1,864	4	3,587	20	5,036	15	5,314	33
40–64	1,176	10	2,451	12	3,423	17	3,822	33
65 & up	247	2	584	6	841	5	892	10
Unspecified	0	0	171	1	96	0	0	0

Source: Department of Health

Table 5.4.5a *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**38,783**	**141**	**35,264**	**76**	**28,884**	**39**	**31,379**	**35**
NCR	744	6	600	2	339	0	323	2
CAR	3,237	3	2,632	4	2,116	1	3,480	1
I	3,172	6	2,227	2	2,275	5	2,600	1
II	1,900	8	2,267	0	1,275	3	1,071	0
III	3,336	3	2,686	3	1,866	0	1,657	0
IVA	4,047	7	2,814	2	1,478	3	2,474	3
IVB	1,002	7	1,670	2	1,321	2	1,102	0
V	806	11	575	5	488	5	370	2
VI	4,744	22	3,871	12	3,250	5	3,011	5
VII	2,975	22	1,869	14	1,271	4	1,628	6
VIII	1,453	14	961	11	500	4	636	6
IX	2,410	12	2,142	5	1,840	2	2,247	5
X	3,362	8	4,297	3	5,518	1	5,992	2
XI	292	6	602	6	311	1	183	0
XII	2,632	6	4,157	1	2,999	2	2,991	0
Caraga	1,972	0	1,269	2	1,021	1	1,125	2
ARMM	699	0	625	2	1,016	0	489	0

Table 5.4.5b *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**38,783**	**141**	**35,264**	**76**	**28,884**	**39**	**31,379**	**35**
Female	18,362	71	16,979	31	14,082	16	15,377	15
Male	20,421	70	18,285	45	14,802	23	16,002	20

Table 5.4.5c *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**38,783**	**141**	**35,264**	**76**	**28,884**	**39**	**31,379**	**35**
<1	720	1	550	3	518	0	556	0
1–4	5,261	4	4,706	4	4,014	0	4,390	1
5–14	11,833	24	10,834	16	8,560	10	9,166	4
15–24	8,246	42	7,334	15	6,067	9	6,630	9
25–39	6,482	29	5,846	16	4,710	7	5,066	11
40–64	5,010	29	4,787	15	3,929	8	4,299	6
65 & up	1,231	12	1,207	7	1,048	5	1,272	4
Unspecified	0	0	0	0	38	0	0	0

Table 5.5.1a
VECTOR BORNE DISEASES CASES AND DEATHS BY REGION
Dengue
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**46,389**	**415**	**57,818**	**548**	**173,029**	**1,057**	**125,975**	**654**
NCR	13,975	90	12,763	122	23,644	133	28,040	161
CAR	590	2	1,849	6	6,297	13	4,695	19
I	3,375	29	2,793	26	5,580	41	14,389	73
II	1,210	13	2,226	38	6,105	37	9,673	45
III	7,141	58	2,932	34	10,710	67	26,878	59
IVA	4,159	31	7,215	42	24,851	106	17,567	107
IVB	273	4	171	2	2,242	26	1,580	9
V	650	7	1,213	3	3,327	19	1,715	7
VI	2,246	20	5,241	84	27,400	137	3,206	39
VII	3,424	96	7,070	79	15,362	116	5,373	26
VIII	905	11	1,101	13	12,022	93	867	6
IX	2,172	8	1,630	9	4,917	46	1,592	23
X	1,073	14	2,239	26	7,414	58	2,000	8
XI	3,168	18	4,179	35	9,165	86	4,178	37
XII	1,102	6	3,242	10	9,937	55	2,735	26
Caraga	663	5	1,548	11	3,126	13	1,208	5
ARMM	263	3	406	8	930	11	279	4

Source: Department of Health

Table 5.5.1b
VECTOR BORNE DISEASES CASES AND DEATHS BY SEX
Dengue
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**46,389**	**415**	**57,818**	**548**	**173,029**	**1,057**	**125,975**	**654**
Female	21,968	232	27,439	288	83,302	573	58,853	370
Male	24,421	183	30,379	260	89,727	484	67,122	284

Source: Department of Health

Table 5.5.1c
VECTOR BORNE DISEASES CASES AND DEATHS BY AGE GROUP
Dengue
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**46,389**	**415**	**57,818**	**548**	**173,029**	**1,057**	**125,975**	**654**
<1	-	-	109	4	130	0	1	0
1–4	1,298	18	1,839	23	4,932	58	3,087	24
5–14	6,141	112	8,001	155	24,548	281	17,413	165
15–24	21,406	225	25,697	270	77,119	549	54,585	310
25–39	11,792	38	14,647	44	44,505	93	33,250	70
40–64	4,144	13	5,297	29	15,338	39	12,097	42
65 & up	1,393	7	1,879	20	5,491	30	4,638	34
Unspecified	215	2	349	3	966	7	904	9

Source: Department of Health

Table 5.5.1a *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**187,031**	**921**	**204,906**	**660**	**121,580**	**465**	**213,930**	**647**
NCR	35,796	143	23,437	52	8,929	44	26,804	115
CAR	5,751	12	8,718	17	2,582	7	10,403	11
I	9,619	42	16,564	46	6,985	18	17,605	41
II	7,886	30	15,946	27	3,854	17	13,855	17
III	28,360	61	20,615	34	14,471	19	37,047	49
IVA	29,843	121	30,219	64	15,111	30	36,033	109
IVB	2,346	12	5,108	14	2,591	15	3,632	10
V	3,777	13	2,973	15	2,329	11	2,014	8
VI	11,880	97	22,461	69	8,489	27	10,353	26
VII	19,193	89	15,853	57	6,566	26	14,423	87
VIII	1,669	12	3,750	12	5,239	21	2,011	5
IX	5,498	42	5,959	42	6,755	28	6,982	22
X	6,550	48	5,361	49	11,752	65	10,303	44
XI	10,107	109	10,886	62	8,561	44	5,057	21
XII	4,573	53	13,064	68	7,247	40	9,586	31
Caraga	2,724	23	3,593	29	8,618	43	6,701	41
ARMM	1,459	14	399	3	1,501	10	1,121	10

Table 5.5.1b *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**187,031**	**921**	**204,906**	**660**	**121,580**	**465**	**213,930**	**647**
Female	88,243	519	95,763	339	57,166	242	100,953	366
Male	98,788	402	109,143	321	64,414	223	112,977	281

Table 5.5.1c *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**187,031**	**921**	**204,906**	**660**	**121,580**	**465**	**213,930**	**647**
<1	4,017	39	4,124	26	2,870	14	4,304	22
1–4	24,824	255	26,225	149	14,956	108	23,428	173
5–14	80,565	458	83,525	337	47,513	203	81,803	306
15–24	49,557	95	54,442	77	32,559	55	59,890	60
25–39	19,009	38	23,512	31	14,590	36	27,664	41
40–64	7,265	23	10,775	22	7,184	38	13,476	33
65 & up	1,320	5	2,076	17	1,670	11	2,967	12
Unspecified	474	8	227	1	238	0	398	0

Table 5.5.2a
VECTOR BORNE DISEASES CASES AND DEATHS BY REGION
Malaria
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**639**	**14**	**1,982**	**16**	**3,300**	**26**	**2,620**	**22**
NCR	29	1	39	1	43	0	9	0
CAR	2	0	6	0	8	0	6	0
I	4	0	6	1	22	2	5	0
II	1	0	73	1	107	0	70	0
III	10	1	121	3	415	1	213	3
IVA	151	0	75	0	378	2	38	1
IVB	120	6	497	8	1,344	12	1,693	11
V	76	0	2	0	210	0	4	0
VI	-	-	11	0	6	0	4	0
VII	-	-	2	0	3	0	3	0
VIII	2	0	2	0	1	0	1	0
IX	9	0	14	0	32	1	51	1
X	7	1	4	0	9	0	-	-
XI	13	0	12	0	25	3	6	0
XII	193	5	749	1	212	2	136	2
Caraga	11	0	33	0	23	0	8	0
ARMM	11	0	336	1	462	3	373	4

Source: Department of Health

Table 5.5.2b
VECTOR BORNE DISEASES CASES AND DEATHS BY SEX
Malaria
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**639**	**14**	**1,982**	**16**	**3,300**	**26**	**2,620**	**22**
Female	229	7	803	5	1,322	11	985	11
Male	410	7	1,179	11	1,978	15	1,635	11

Source: Department of Health

Table 5.5.2c
VECTOR BORNE DISEASES CASES AND DEATHS BY AGE GROUP
Malaria
2008 to 2015

	2008		2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**639**	**14**	**1,982**	**16**	**3,300**	**26**	**2,620**	**22**
<1	12	0	62	1	129	2	133	1
1–4	44	0	216	3	449	1	421	2
5–14	158	1	549	0	926	2	709	3
15–24	137	2	431	5	637	5	459	3
25–39	161	5	374	4	618	7	454	8
40–64	113	5	288	1	463	9	386	4
65 & up	14	1	47	2	62	0	57	1
Unspecified	-	-	15	0	16	0	1	0

Source: Department of Health

Table 5.5.2a *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**1,543**	**10**	**1,555**	**3**	**772**	**8**	**990**	**13**
NCR	8	0	10	0	4	0	5	0
CAR	6	0	5	0	13	0	1	0
I	1	0	5	0	3	0	3	0
II	37	0	70	1	25	0	4	0
III	80	0	96	0	15	1	6	0
IVA	16	0	35	1	15	0	6	0
IVB	996	3	1,162	1	499	4	594	7
V	3	0	3	0	2	0	-	-
VI	4	0	4	0	1	0	3	0
VII	3	0	2	0	6	1	7	1
VIII	-	-	2	0	-	-	2	0
IX	60	0	39	0	22	0	9	0
X	3	0	2	0	1	0	1	0
XI	3	0	2	0	1	0	4	0
XII	28	3	34	0	66	0	146	2
Caraga	2	0	-	-	-	-	3	0
ARMM	293	4	84	0	99	2	196	3

Table 5.5.2b *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**1,543**	**10**	**1,555**	**3**	**772**	**8**	**990**	**13**
Female	546	4	580	1	241	5	361	4
Male	997	6	975	2	531	3	629	9

Table 5.5.2c *(continued)*

	2012		2013		2014		2015	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines	**1,543**	**10**	**1,555**	**3**	**772**	**8**	**990**	**13**
<1	56	0	35	0	16	1	85	1
1–4	190	1	270	1	106	1	128	2
5–14	417	2	500	0	258	2	291	2
15–24	266	0	243	0	136	1	158	1
25–39	335	4	273	1	142	1	171	1
40–64	242	2	183	1	100	2	145	5
65 & up	37	1	25	0	13	0	12	1
Unspecified	-	-	26	0	1	0	-	-

Component Six

Environmental Protection, Management and Engagement

COMPONENT SIX

ENVIRONMENTAL PROTECTION, MANAGEMENT AND ENGAGEMENT

Component 6: "Environmental Protection, Management, and Engagement" compiles information on a country's activities involving the protection and management of its environment. Specifically, this component consists of information on expenditures, regulations, and other activities such as international agreements focusing on the protection of the environment and management of resources.

In the SEEA 2012 Central Framework, environmental protection activities are defined as activities whose primary purpose is to prevent, reduce and eliminate pollution and other forms of environment degradation. In this connection, Environmental Protection Expenditure statistics under Component 6 can be used to compile the Environmental Protection Expenditure Accounts (EPEA), which aims to measure the society's response to the degradation of the environment.

Aside from expenditure on environmental protection, the component includes information on the institutional strength of environmental authorities and other related agencies, as well as the regulations in place to preserve the environment by setting limits on pollution and extraction from the environment. These regulations act as instruments towards achieving the Sustainable Development Goals on clean energy (SDG 7), responsible consumption and production (SDG 12), protecting life below water and on land (SDGs 14 and 15), and climate change mitigation (SDG 13). The component also focuses on the country's engagement on global partnership, which is anchored on SDG 17, "Partnership for Goals".

Component 6 comprises four subcomponents: environmental protection and resource management expenditure; environmental governance and regulation; extreme event preparedness and disaster management; and environmental information and awareness. There are three core statistics recommended by the FDES under this component. One is under environmental protection and resource management expenditure, while the other two are under environmental governance and regulation.

6.1 Environmental protection and resource management expenditure

6.1.1 Annual government environmental protection expenditure

While it is recommended by the FDES to compile information on the expenditures for both activities of both private and public sectors, only the public expenditure on environmental protection is deemed a core statistic. The Department of Budget and Management (DBM) provided information on funds allocated to each department for climate change related activities, waste and wastewater management, environmental protection research and development and other environmental protection related activities. Expenditure allocation for each priority of the National Climate Change Action Plan (NCCAP) was also compiled. The NCCAP is a plan translating the National Framework Strategy on Climate Change (NFSCC) in creating climate change resiliency. It contains strategic priorities such as: food security, water sufficiency, environmental and ecological stability, human security, sustainable energy, climate-smart industry and services, and knowledge and capacity development.

6.2. Environmental governance and regulation

6.2.1 List of regulated pollutants and description

Lists of regulated pollutants were gathered from existing laws and administrative orders of the Department of Environment and Natural Resources. These instruments are enforced to limit the amount of pollutants emitted to air and water.

The Philippine Republic Act No. 8749, also known as the Philippine Clean Air Act, was signed into law on 23 June 1999 to enforce the right to clean air. It sets standards on air pollutants emitted by stationary (i.e. buildings and other immobile structures) and mobile sources (i.e. vehicles), and sets the national ambient quality guidelines for criteria-specific and source-specific hazardous pollutants.

Pursuant to RA 8749, several Department Administrative Orders (DAOs) were also implemented to set limits on mobile vehicle emissions. DAO No. 2010-23 and 2010-24 are recent administrative orders that contain a revised set of guidelines for regulating emissions from compression-ignition (e.g. diesel engine) and spark-ignition (e.g. gasoline engine) motor vehicles, and motorcycles/tricycles and mopeds, respectively. DAO 2013-13 establishes the national ambient air quality guideline for Particulate Matter 2.5, a type of pollutant. As of 2015, DAO No. 2015-04 enforces a set of emissions limits to be followed by Euro 4/IV and In-Use Vehicles. Euro IV vehicles are vehicles calibrated to release emissions following the European emission standards set by the European for cars emitted in the continent.

Apart from regulations on air emissions, the DENR issued administrative orders on regulating water quality. DAO No. 1994-26A revises the National Standards for Drinking Water of 1978 in pursuant of Presidential Decree No. 856, or the Code on Sanitation of the Philippines. It sets the acceptable values of parameters on the bacteriological, biological, chemical, physical, and radiological quality for drinking water, as well as the guidelines for sampling and evaluation.

Furthermore, quality guidelines are enlisted in DAO No. 2016-08 for water bodies. The administrative order sets limits to primary and secondary parameters for each category of fresh and marine surface water and groundwater. Primary parameters include biochemical oxygen demand (BOD), chloride, color, minimum dissolved oxygen, fecal coliform, nitrate (as NO_3-N), pH, phosphate, temperature and total suspended solids. Secondary parameters include several inorganics, organics and metals. The DAO also lists the significant parameters to be monitored for each industry, as well as the maximum allowable limits of effluents.

6.2.2 List of Multilateral Environmental Agreements (MEAs)

Table 6.4 lists 38 of the international conventions, agreements, and organizations that the Philippines is engaged with, as well as their objectives and the dates of signature, ratification, approval, adoption, and/or entry into force.

The oldest organization where the country is a member is the International Hydrographic Organization (IHO). The organization was established in 1921 aimed at nautical navigation safety and marine environment protection.

The Philippines is also part of the United Nations Environmental Assembly (UNEA), the world's highest authority for global environmental agenda. During its first assembly, the UNEA tackled issues on air pollution, waste, and illegal wildlife trade.

Statistical Tables

Environmental Protection, Management and Engagement

Table 6.1.1
CLIMATE CHANGE (CC) EXPENDITURES1/ BY DEPARTMENT AND SPECIAL PURPOSE FUND
FY 2015
(In thousand Pesos)

Department/Special Purpose Fund	2015		
	CC Expenditure		
	Adaptation	Mitigation	Total
DEPARTMENTS	**99,242,185**	**10,611,253**	**109,853,438**
Department of Agrarian Reform	-		-
Department of Agriculture	13,044,322	283,691	13,328,013
Department of Energy	-	594,246	594,246
Department of Environment and Natural Resources	4,956,661	7,304,373	12,261,034
Department of Finance	-	-	-
Department of Foreign Affairs	1,487	-	1,487
Department of the Interior and Local Government	4,000	-	4,000
Department of Labor and Employment 2/	359,253	-	359,253
Department of National Defense	333,361	1,666	335,027
Department of Public Works and Highways	76,366,503	-	76,366,503
Department of Science and Technology	4,099,477	74,146	4,173,623
Department of Social Welfare and Development	996	-	996
Department of Tourism	-	1,000	1,000
Department of Trade and Industry	22,000	-	22,000
Department of Transportation (formerly Department of Transportation and Department of Transportation and Communications (renamed Department of Transportation)	-	-	-
	4,837	2,342,950	2,347,787
National Economic and Development Authority	1,811	-	1,811
Other Executive Offices	47,477	9,181	56,658
SPECIAL PURPOSE FUNDS	**1,147,371**	**19,478**	**1,166,849**
TOTAL	**100,389,556**	**10,630,731**	**111,020,287**

1/ Net of the CC expenditures of Government-Owned and Controlled Corporations (GOCCs) and State Universities and Colleges (SUCs)
2/ The CC expenditures of the Technical Education and Skills Development Authority were lodged under the Department of Labor and Empl and under Other Executive Offices in FY 2017.
Source : Department of Budget and Management

Table 6.1.2
CLIMATE CHANGE (CC) EXPENDITURES BY NATIONAL CLIMATE CHANGE ACTION PLAN (NCCAP)1/
FY 2015
(In thousand Pesos)

Department/Special Purpose Fund	2015		
	CC Expenditure		
	Adaptation	Mitigation	Total
Food Security	13,026,844	283,691	13,310,535
Water Sufficiency	56,101,960	-	56,101,960
Ecosystem and Environmental Stability	4,342,747	7,274,015	11,616,762
Human Security	505,919	-	505,919
Climate Smart Industries and Services	1,423,662	33,024	1,456,686
Sustainable Energy	20,631,044	3,030,820	23,661,864
Knowledge and Capacity Development	4,161,871	-	4,161,871
Cross-Cutting	195,509	9,181	204,690
TOTAL	**100,389,556**	**10,630,731**	**111,020,287**

1/ Net of the CC expenditures of Government-Owned and Controlled Corporations (GOCCs) and State Universities and Colleges (SUCs)
Source : Department of Budget and Management

Table 6.2
DETAILS OF SECTORAL ALLOCATION OF NATIONAL GOVERNMENT EXPENDITURES
(CLASSIFICATION OF THE FUNCTIONS OF GOVERNMENT)
FY 2014 to 2015
(In thousand pesos)

Particulars	2014	2015
ENVIRONMENTAL PROTECTION	**5,396,706**	**6,679,518**
Waste management	**1,226,695**	**1,723,677**
State Universities and Colleges (SUCs)	0	0
Region IX - Zamboanga Peninsula	0	0
Zamboanga State College of Marine Sciences and Technology	0	0
Department of Environment and Natural Resources (DENR)	233,158	728,407
Office of the Secretary	128,842	80,000
Environmental Management Bureau	104,316	648,407
Other Executive Offices	0	1,732
Philippine Commission of Women (National Commission on the Role of Filipino Women)	0	1,732
Allocations to Local Government Units	993,537	993,538
Metropolitan Manila Development Authority	993,537	993,538
Waste water management	**611,512**	**525,884**
State Universities and Colleges (SUCs)	0	0
Region V - Bicol	0	0
Catanduanes State University	0	0
National Capital Region (NCR)	0	0
University of the Philippines System	0	0
Department of Public Works and Highways (DPWH)	0	10,000
Office of the Secretary	0	10,000
Department of Science and Technology (DOST)	0	10,000
Philippine Science High School	0	10,000
Budgetary Support to Government Corporations	0	0
Department of Public Works and Highways (DPWH)	0	0
Local Water Utilities Administration	0	0
Allocations to Local Government Units	611,512	505,884
Metropolitan Manila Development Authority	611,512	505,884
Pollution abatement	**1,489,689**	**1,545,935**
Department of Agriculture (DA)	0	30,856
Office of the Secretary	0	30,856
Department of Environment and Natural Resources (DENR)	850,825	828,137
Environmental Management Bureau	850,825	828,137
Department of Transportation and Communications (DOTC)	526,389	579,612
Philippine Coast Guard	526,389	579,612
Other Executive Offices	112,475	107,330
Pasig River Rehabilitation Commission	96,254	53,618
Philippine Commission of Women	15,811	53,712
Presidential Management Staff	410	0
Department of Transportation	0	0
Philippine Coast Guard	0	0
Protection of biodiversity and landscape	**1,284,441**	**1,703,198**
State Universities and Colleges (SUCs)	0	3,000
Region XIII—CARAGA	0	3,000
Caraga State University	0	3,000
Department of Environment and Natural Resources (DENR)	1,150,829	1,650,198
Office of the Secretary	1,108,940	1,602,083
Palawan Council for Sustainable Development Staff	41,889	48,115
Department of Interior and Local Government (DILG)	133,612	50,000
Office of the Secretary	133,612	50,000
R&D Environmental protection	**88,101**	**217,319**
State Universities and Colleges (SUCs)	0	0
Region XI—Davao	0	0
Davao Oriental State College of Science and Technology	0	0
Department of Environment and Natural Resources (DENR)	88,101	123,319
Environmental Management Bureau	88,101	123,319
Department of Science and Technology (DOST)	0	0
Philippine Atmospheric, Geophysical and Astronomical Services Administration	0	0
Philippine Nuclear Research Institute	0	0
Other Executive Offices	0	94,000
Climate Change Commission	0	94,000
Environmental protection n.e.c.	**696,268**	**963,505**
Department of Agriculture (DA)	88,862	366,854
Office of the Secretary	88,862	87,227
Bureau of Fisheries and Aquatic Resources	0	279,627
State Universities and Colleges (SUCs)	0	0
Region V—Bicol	0	0
Catanduanes State University	0	0
Region IX—Zamboanga	0	0
Zamboanga State College of Marine Sciences and Technology	0	0
Department of Environment and Natural Resources (DENR)	136,700	200,933
Office of the Secretary	106,423	140,601
Environmental Management Bureau	30,277	60,332
Department of Public Works and Highways (DPWH)	91,865	0
Office of the Secretary	91,865	0
Other Executive Offices	47,051	119,961
Climate Change Commission	47,051	119,961
Autonomous Region of Muslim Mindanao	331,790	275,757
Autonomous Regional Government in Muslim Mindanao	331,790	275,757

Source: Department of Budget and Management

Table 6.3.1
INITIAL LIST AND VALUES OF HAZARDOUS AIR POLLUTANTS
FOR NATIONAL AMBIENT AIR QUALITY GUIDELINE FOR CRITERIA POLLUTANTS

Pollutants	Short Term[1]			Long Term[2]		
	µg/Ncm	ppm	Averaging Time	µg/Ncm	ppm	Averaging Time
Suspended Particulate Matter[3]						
TSP	230[4]		24 hours	90	…	1 year[5]
PM 10	150[6]		24 hours	60	…	1 year[5]
Sulfur Dioxide[3]	180	0.07	24 hours	80	0.03	1 year
Nitrogen Dioxide	150	0.08	24 hours	…	…	…
Photochemical Oxidants	140	0.07	1 hour	…	…	…
As Ozone	60	0.03	8 hours	…	…	…
Carbon Monoxide	35 mg/Ncm	30	1 hour	…	…	…
	10 mg/Ncm	9	8 hours	…	…	…
Lead[7]	1.5	…	3 months[7]	1	…	1 year

[1] Maximum limits represented by ninety-eight percentile (98%) values not to be exceed more than once a year.

[2] Arithmetic mean

[3] SO2 and Suspended Particulate matter are sampled once every six days when using the manual methods. A minimum of twelve sampling days per quarter of forty-eight sampling days each year is required for these methods. Daily sampling may be done in the future once continuous analyzers are procured and become available.

[4] Limits for Total Suspended Particulate Matter with mass median diameter less than 25-50 um.

[5] Annual Geometric Mean

[6] Provisional limits for Suspended Particulate Matter with mass median diameter less than 10 microns and below until sufficient monitoring data are gathered to base a proper guideline.

[7] Evaluation of this guideline is carried out for 24-hour averaging time and averaged over three moving calendar months. The monitored average value for any three months shall not exceed the guideline value.

Source : RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.2
INITIAL LIST AND VALUES OF HAZARDOUS AIR POLLUTANTS FOR NATIONAL AMBIENT AIR QUALITY STANDARDS FOR SOURCE SPECIFIC AIR POLLUTANTS FROM INDUSTRIAL SOURCES/ OPERATIONS

	Pollutants[1]	Concentration[2]		Averaging time (in minutes)	Method of Analysis/ Measurement[3]
		µ/Ncm	ppm		
1	Ammonia	200	0.28	30	Nesselerization/IndoPhenol
2	Carbon Disulfide	30	0.01	30	Tischer Method
3	Chlorine and Chlorine Compounds expressed as Cl^2	100	0.03	5	Methyl Orange
4	Formaldehyde	50	0.04	30	Chromotropic acid Method or MBTH Colorimetric Method
5	Hydrogen Chloride	200	0.13	30	Volhard Titration with Iodine Solution
6	Hydrogen Sulfide	100	0.07	30	Methylene Blue
7	Lead	20		30	AAS[3]
8	Nitrogen Dioxide	375,260	0.20,0.14	30,60	Greiss- Saltzman
9	Phenol	100	0.03	30	4-Aminoantiphyrine
10	Sulfur Dioxide	470, 340	0.18, 0.13	30,60	Colorimetric-Pararosaniline
11	Suspended Particulate Matter - TSP	300	…	60	Gravimetric

[1] Pertinent ambient standards for Antimony, Arsenic, Cadmium, Asbestos, Nitric Acid and Sulfuric Acid Mists in the 1978 NPCC Rules and Regulations may be considered as guides in determining compliance.

[2] Ninety-eight percentile (98%) values of 30-minute sampling measured at 250C and one atmosphere pressure.

[3] Other equivalent methods approved by the Department may be used.

Source: RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.3
MAXIMUM LIMITS OF CONCENTRATION OF AIR POLLUTANTS AT THE POINT OF EMISSION WITH RESPECT TO ANY TRADE, INDUSTRY, PROCESS, AND FUEL-BURNING EQUIPMENT OR INDUSTRIAL PL/

Pollutants	Standard Applicable to Source	Maximum Permissible Limits (mg/Ncm)	Method of Analysis[1]
1. Antimony and Its compounds	Any source	10 as Sb	AAS[2]
2. Arsenic and its compounds	Any source	10 as As	AAS[2]
3. Cadmium and its compounds	Any source	10 as Cd	AAS[2]
4. Carbon Monoxide	Any industrial Source	500 as CO	Orsat analysis
5. Copper and its Compounds	Any industrial source	100 ax Cu	AAS[2]
6. Hydrofluoric Acids and Fluoride compounds	Any source other than the manufacture of Aluminum from Alumina	50 as HF	Titration with Ammonium Thiocyanate
7. Hydrogen Sulfide	i) Geothermal Power Plants	[3, 4]	Cadmium Sulfide Method
	ii) Geothermal Exploration and well-testing	[5]	
	iii) Any source other than (i) and (ii)	7 as H_2S	Cadmium Sulfide Method
8. Lead	Any trade, industry or process	10 as Pb	AAS[2]
9. Mercury	Any Source	5 as elemental Hg	AASb/Cold-Vapor Technique or Hg Analyzer
10. Nickel and its compounds, except Nickel Carbonyl[6]	Any source	20 as Ni	AAS[2]
11. NOx	i) Manufacture of Nitric Acid	2,000 as acid and NOx and calculated as NO_2	Phenol-disulfonic acid Method
	ii) Fuel burning steam generators		Phenol-disulfonic acid Method
	Existing Source	1,500 as NO_2	
	New Source		
	• Coal-Fired	1,000 as NO_2	
	• Oil-Fired	500 as NO_2	
	iii) Any source other than (i) and (ii)		Phenol-disulfonic acid Method
	Existing Source	1000 as NO_2	
	New Source	500 as NO_2	
12. Phosphorus Pentoxide[7]	Any source	200 as P_2O_5	Spectrophotometry
13. Zinc and its Compounds	Any source	100 as Zn	AAS[2]

[1] Other equivalent methods approved by the Department may be used.

[2] Atomic Absorption Specttrophotometry

[3] All new geothermal power plants starting construction by 01 January 1995 shall control H_SS emissions to not more than 150 g/GMW-Hr

[4] All existing geothermal power plants shall control HsS emissions to not more than 200 g/GMW-Hr within 5 years from the date of effectivity of these revised regulations.

[5] Best practicable control technology for air emissions and liquid discharges. Compliance with air and water quality standards is required.

[6] Emission limit of Nickel Carbonyl shall not exceed 0.5 mg/Ncm.

[7] Provisional Guideline

Source: RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.4
MAXIMUM LIMITS OF PARTICULATES IN STATIONARY SOURCES
In milligram per normal cubic meters (mg/Ncm)

Sources	Maximum Limits (mg/Ncm)
1. Fuel Burning Equipment	
a) Urban or Industrial Area	150
b) Other Area	200
2. Cement Plants (Kilns, etc.)	150
3. Smelting Furnaces	150
4. Other Stationary Sources[1]	200

[1] Other Stationary Sources means a trade, process, industrial plant, or fuel burning equipment other than thermal power plants, industrial boilers,

Source: RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.5
MAXIMUM LIMITS FOR SULFUR OXIDES IN STATIONARY SOURCES

(1) Existing Sources	
(i) Manufacture of Sulfuric Acid and Sulf(on)ation Process	2.0 gm. Ncm as SO_3
(ii) Fuel burning Equipment	1.5 gm. Ncm as SO_2
(iii) Other Stationary Sources[1]	1.0 gm. Ncm as SO_3
(2) New Sources	
(i) Manufacture of Sulfuric Acid and Sulf(on)ation Process	1.5 gm. Ncm as SO_3
(ii) Fuel Burning Equipment	0.7 gm. Ncm as SO_2
(iii) Other Stationary Sources[1]	0.2 gm. Ncm as SO_3

[1] Other Stationary Sources refer to existing and new stationary sources other than those caused by the manufacture of sulfuric acid and sulfonation process, fuel burning equipment and incineration.
Source: RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.6
MAXIMUM LIMITS FOR EXHAUST GAS IN OTHER STATIONARY SOURCES OF POLLUTION, DAILY AND HALF HOURLY AVERAGE VALUES

	Daily Average Values	Half Hourly Average Values
Total dust	10 mg/m^3	30 mg/m^3
Gaseous and vaporous organic substances, expressed as total organic	10 mg/m^3	20 mg/m^3
Hydrogen chloride (HCl)	10 mg/m^3	60 mg/m^3
Hydrogen fluoride (HF)	1 mg/m^3	4 mg/m^3
Sulfur dioxide (SO_2)	50 mg/m^3	200 mg/m^3
Nitrogen monoxide (NO) and Nitrogen dioxide (NO_2), expressed as nitrogen dioxide for incineration plants with a capacity exceeding 3 tonnes per hour	200 mg/m^3	400 mg/m^3
Nitrogen monoxide (NO) and nitrogen dioxide (NO_2), expressed as nitrogen dioxide for incineration plants with a capacity of 3 tonnes per hour or less	300 mg/m^3	
Ammonia	10 mg/m^3	20 mg/m^3

Source: RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.7
MAXIMUM LIMITS FOR EXHAUST GAS IN OTHER STATIONARY SOURCES OF POLLUTION, ALL THE AVERAGE VALUES OVER THE SAMPLE PERIOD OF A MINIMUM OF 4 HOURS AND MAXIMUM OF 8 HOURS

	Average Values over the Sample Period
Cadmium and its compounds, expressed as cadmium (Cd)	total 0.05 mg/m^3
Thallium and its compounds, expressed as thallium (Tl)	total 0.05 mg/m^4
Mercury and its Compounds, expressed as mercury (Hg)	0.05 mg/m^3
Antimony and its compounds, expressed as antimony (Sb)	total 0.5 mg/m^3
Arsenic and its compounds, expressed as arsenic (As)	total 0.5 mg/m^4
Lead and its compounds, expressed as lead (Pb)	total 0.5 mg/m^5
Chromium and its compounds, expressed as chromium (Cr)	total 0.5 mg/m^6
Cobalt and its compounds, expressed as cobalt (Co)	total 0.5 mg/m^7
Copper and its compounds, expressed as copper (Cu)	total 0.5 mg/m^8
Manganese and its compounds, expressed as manganese (Mn)	total 0.5 mg/m^9
Nickel and its compounds, expressed as nickel (Ni)	total 0.5 mg/m^{10}
Vanadium and its compounds, expressed as vanadium (V)	total 0.5 mg/m^{11}
Tin and its compounds, expressed as tin (Sn)	total 0.5 mg/m^{12}

Source: RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.8
EMISSION LIMITS FOR LIGHT DUTY VEHICLES TYPE APPROVAL (DIRECTIVE 91/441/EEC)

CO (g/km)[1]	HC + Nox (g/km)[2]	PM (g/km)[3]
2.72	0.97	0.14

[1] Carbon Monoxide in gram per kilometer
[2] Hydrocarbons plus Nitrogen oxides in gram per kilometer
[3] Particulate matter in gram per kilometer; value for compression-ignition engines only
Source: RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.9
EMISSION LIMITS FOR LIGHT COMMERCIAL VEHICLES TYPE APPROVAL (DIRECTIVE 93/59/EEC)

	Reference Weight (RW) (kg)	CO (g/km)[1]	HC + NOx (g/km)[2]	PM (g/km)[3]
Category 1	1250< RW	2.72	0.97	0.14
Category 2	1250< RW<1700	5.17	1.40	0.19
Category 3	RW>1700	6.90	1.70	0.25

[1] Carbon Monoxide in gram per kilometer
[2] Hydrocarbons plus Nitrogen oxides in gram per kilometer
[3] Particulate matter in gram per kilometer; value for compression-ignition engines only
Source: RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.10
EMISSION LIMITS FOR HEAVY DUTY VEHICLES TYPE APPROVAL (DIRECTIVE 91/542/EEC)

CO (g/k/Wh)	HC (g/k/Wh)	NOx (g/k/Wh)	PM (g/k/Wh)
4.5	1.1	8	0.36[1]

[1] Carbon Monoxide in grams per kilowatt-hour
[2] Hydrocarbons in gram per kilowatt-hour
[3] Nitrogen oxides in gram per kilowatt-hour
[4] Particulate matter in gram per kilowatt-hour
[5] In the case of engines of 85 kW or less, the limit value for particular emissions in increased by multiplying the quoted limit by a coefficient of 1.7
Source: RA 8749 - Philippine Clean Air Act of 1999

Table 6.3.11
TYPE APPROVAL EMISSION LIMITS FOR PASSENGER VEHICLES (M) AND LIGHT DUTY VEHICLES (N1), EURO 2

Category/Class of Vehicle***		Limit Values					
		Reference Mass RW (kg)	Mass of Carbon Monoxide L_1 (g/km)		Combined Mass of Hydrocarbons and Oxides of Nitrogen L_2 (g/km)		Mass of Particulates L_3 (g/km)
Category	Class		Petrol	Diesel	Petrol	Diesel([1])	Diesel([1])
M([2])	-	all	2.20	1.0	0.5	0.7	0.08
	I	RW ≤ 1,250	2.2	1.0	0.5	0.7	0.08
N_1([3])	II	1,250<RW≤1,700	4.0	1.25	0.6	1.0	0.12
	III	1,700<RW	5.0	1.5	0.7	1.2	0.17

([1]) Until 01 January 2011, for vehicles fitted with diesel engines of the direct injection type, the limit values L2 and L3 are the following:

	L_1	L_2
category M([2]) and N_1([2]) class I	0.9	0.10
category N_1([3]) class II	1.3	0.14
category N_1([3]) class III	1.6	0.20

([2]) Except:
-vehicles designed to carry more than six occupants including the driver
-vehicles whose maximum mass exceed 2,500 kg
([3]) And those category M vehicles which are specified in footnote ([2])

Source: Department of Environment and Natural Resources Administrative Order No. 2010-23
**For the purpose of this DAO, "vehicle category" refers to a classification of power-drive vehicles in accordance with PNS 1891

Table 6.3.12
EMISSION LIMITS FOR HEAVY DUTY VEHICLE TYPE APPROVAL (EURO II)

Type of Engine	Class of Vehicle	CO (g/kWh)	HC (g/kWh)	NO_x (g/kWh)	PM (g/kWh)
Compression-ignition	Heavy Duty Vehicles	4.0	1.1	7.0	0.15

Source: Department of Environment and Natural Resources Administrative Order No. 2010-23

Table 6.3.13
EMISSION STANDARDS FOR VEHICLES WITH SPARK-IGNITION ENGINES (GASOLINE)*, EXCEPT MOTORCYCLES**

Vehicle Registration	CO (% by Volume)	HC (ppm as Hexane)
Registered for the first time after December 31, 2007	0.5	250
Registered for the first time on or after January 1, 2003 but before January 1, 2008	3.5	600
Registered for the first time prior to December 31, 2002	4.5	800

*at idle **Subject to Sec.8, Validity of Certificate of Conforrmity (COC)

Source: Department of Environment and Natural Resources Administrative Order No. 2010-23

Table 6.3.14
EMISSION STANDARDS FOR VEHICLES WITH COMPRESSION-IGNITION ENGINES (DIESEL)*,**

Vehicle Registration	Light absorption coefficient m-1, k
Registered for the first time after December 31, 2007	2
Registered for the first time on or after January 1, 2003 but before January 1, 2008	2.5
Registered for the first time prior to December 31, 2002	2.5 3.5 (turbocharged) 4.5 (1,000m increase in elevation)

*at idle **Subject to Sec.8, Validity of Certificate of Conforrmity (COC)

Source: Department of Environment and Natural Resources Administrative Order No. 2010-23

Table 6.3.15
EMISSION STANDARDS FOR REBUILT AND IMPORTED USED VEHICLES

Vehicle Registration	CO[a] (% by Volume)	Hc[a] (ppm as Hexane)	Light absorption coefficient m-1, k (turbocharged)[b]
Registered for the first time after December 31, 2007	0.5	2.50	2.0

a - spark-ignition (gasoline) motor vehicles
b - for compression-ignition (diesel) motor vehicles
* applicable only to vehicles listed in Sec 3.1.1-3.1.5 of Executive Order 156

Source: Department of Environment and Natural Resources Administrative Order No. 2010-23

Table 6.3.16
EMISSION LIMITS FOR MOTORCYCLE (L3)
LEVEL 1 WITH EFFECTIVITY TWO (2) YEARS AFTER THE APPROVAL DATE OF THIS ADMINISTRATIVE ORDER

Class (cc)	Emission Limits (g/km) for Type Approval and Conformity of Production		
	Carbon Monoxide (CO)	Hydrocarbons (HC)	Oxides of Nitrogen (NOx)
<150	5.5	1.2	0.3
>150	5.5	1	0.3

Source: Department of Environment and Natural Resources Administrative Order No. 2010-24

Table 6.3.17
EMISSION LIMITS FOR MOTORTRICYCLE/TRICYCLE(L4)

Class (cc)	Emission Limits (g/km) for Type Approval and Conformity of Production		
	Carbon Monoxide (CO)	Hydrocarbons (HC)	Oxides of Nitrogen (NOx)
All	7	1.5	0.4

Source: Department of Environment and Natural Resources Administrative Order No. 2010-24

Table 6.3.18
EMISSION LIMITS FOR MOTORCYCLE (L3)
LEVEL 2 WITH EFFECTIVITY THREE (3) YEARS AFTER THE EFFECTIVITY OF LEVEL 1

Class (cc)	Emission Limits (g/km)		
	Carbon Monoxide (CO)	Hydrocarbons (HC)	Oxides of Nitrogen (NOx)
<150 (UDC cold)[1]	2.0	0.8	0.15
>150 (UDC + EUD cold) [2]	2.0	0.3	0.15

[1] Test cycle: ECE* R40 (emission measured for all six modes - sampling starts at T=0)
[2] Test cycle: ECE* R40 + EIDC** (emissions measure from all modes - sampling starts at T=0, with the maximum speed of 120km/h)

*Economic Commission for Europe

**Extra Urban Driving Cycle

Source: Department of Environment and Natural Resources Administrative Order No. 2010-24

Table 6.3.19
EMISSION LIMITS FOR MOPED (L1)

Effectivity	Emission Limits (g/km) for Type Approval and Conformity of Production	
	Carbon Monoxide (CO)	Hydrocarbons + Oxides of Nitrogen (HC + NOx)
Level 1 - Two (2) years after the approval of this DAO	6 (1)	3 (1)
Level 2 - Three (3) years after the implementations of Level 1	1 (2)	1.2

(1) The limit values for the masses of CO and HC+NOx are multiplied by a factor of 2 in the case of three-wheel mopeds;

(2) The limit for the mass of CO must be 3.5 g/km in case of three-wheel mopeds

Source: Department of Environment and Natural Resources Administrative Order No. 2010-24

Table 6.3.20

EMISSION LIMITS FOR IN-USE MOTORCYCLE/TRICYCLE AND MOPED

Vehicle Registration Date	Emission Standards		
	Carbon Monoxide (% by vol.)	Hydrocarbon (ppm)	White smoke (% opacity)
Registered for the first time prior	6	6,500	30
Registered for the first time from January 1, 2003 up to December 31, 2011	4.5	6,500	30
Registered for the first time on or after January 1, 2012	3.5	4,500	30

Source: Department of Environment and Natural Resources Administrative Order No. 2010-24

Table 6.3.21
THE PROVISIONAL NATIONAL AMBIENT AIR QUALITY GUIDELINE VALUES (NAAQGV) FOR PM2.5

Pollutant	Short-term[1]		Long-term[2]		Implementation Period
	µg/Ncu.m.	Averaging time	µg/Ncu.m.	Averaging time	
$PM_{2.5}$	75[3]	24 hours	35[3]	1 Year	Upon effectivity date of the DAO until 31 December 2015
	50[3]	24 hours	25[3]	1 Year	01 January 2016

[1] Maximum limits represented by ninety eight percentile (98%) values not to be exceeded more than once a year

[2] Annual Geometric Mean

[3] These are provisional guideline values and shall be reviewed yearly to determine the course of action required of the next step

Source : Department of Environment and Natural Resources Administrative Order 2013-13

Table 6.3.22
STANDARD PARAMETERS AND VALUES FOR DRINKING-WATER QUALITY
STANDARD VALUES FOR BACTERIOLOGICAL QUALITY

Source and Mode of Supply	Bacteria	Standard Value (No./100mL)
a. All drinking-water supplies under all circumstances (Level I, II, III, Bottled water and Emergency Water Supplies)	E. Coli or Thermotolerant (fecal) coliform bacteria	0
b. Treated water entering distribution system	E. Coli or Thermotolerant (fecal) coliform bacteria	0
	Total coliforms	0
c. Treated water in the distribution system	E. Coli or Thermotolerant (fecal) coliform bacteria	0
	Total coliforms	Must not be detecatable in any 100ml sample. In case of large supplies where sufficient samples are examined, it must not be present in 95% of samples taken throughout any twelve month period

Source: Department of Environment and Natural Resources Administrative Order 26-A Series of 1994

Table 6.3.23
STANDARD PARAMETERS AND VALUES FOR DRINKING-WATER QUALITY
STANDARD VALUE FOR BIOLOGICAL ORGANISMS

Constituents	Permissibe Limit
Total Count/mL	10

Source: Department of Environment and Natural Resources Administrative Order 26-A Series of 1994

Table 6.3.24
STANDARD PARAMETERS AND VALUES FOR DRINKING-WATER QUALITY
STANDARD VALUES FOR PHYSICAL AND CHEMICAL QUALITY: HEALTH SIGNIFICANCE

Constituents	Maximum Level (mg/L)
A. Inorganic Constituents	
Antimony	0.005
Arsenic	0.01
Barium	0.7
Boron	0.3
Cadmium	0.003
Chromium	0.05
Cyanide	0.07
Fluoride	1
Lead	0.01
Mercury (total)	0.001
Nitrate as NO_3	50
Nitrate as NO_2	3
Selenium	0.01
B. Organic Constituents (Pesticides)	
Aldrin & Dieldrin	0.03
Chlordane	0.2
DDT	2
Endrin	0.2
Heptachlor and Heptachlor epoxid	0.03
Lindane	2
Methoxychlor	20
Petroleum oils & grease	nil
Toxyphane	5
2,4 - D	30
2,4,5 - T	9

Source: Department of Environment and Natural Resources Administrative Order 26-A Series of 1994

Table 6.3.25
STANDARD PARAMETERS AND VALUES FOR DRINKING-WATER QUALITY
STANDARD VALUES FOR PHYSICAL AND CHEMICAL QUALITY: AESTHETIC QUALITY

Constituent or Characteristic	Maximum Level (mg/L)
Taste	Unobjectionable
Odor	Unobjectionable
Color	5 TCU
Turbidity	5NTU
Aluminum	0.2
Chloride	250
Copper	1
Hardness	300 (as CaCo3)*
Hydrogen Sulfide	0.05
Iron	1
Manganese	0.5
pH	6.5-8.5
Sodium	200*
Sulfate	250
Total Dissolved Solids	500
Zinc	5*

*Secondary standards: compliance with the standard and analysis are not obligatory
TCU True Color Unit NTU Nephelometric Turbidity Unit
Source: Department of Environment and Natural Resources Administrative Order 26-A Series of 1994

Table 6.3.26
STANDARD PARAMETERS AND VALUES FOR DRINKING-WATER QUALITY
STANDARD VALUES FOR DISINFECTANTS AND DISINFECTANT BY-PRODUCTS

Constituents	Maximum Level (mg/L)
a. Disinfectant Chlorine (residual)	0.2-0.5
b. Disinfectant By-products	
Bromate	0.025
Chlorite	0.2
2,4,6 tricholorophenol	0.2
Formaldehyde	0.9
Phenolic substances	0.001
Bromoform	0.1
Dibromochloromethane	0.1
Bromodichloromethane	0.06
Chloroform	0.2

Source: Department of Environment and Natural Resources Administrative Order 26-A Series of 1994

Table 6.3.27
STANDARD PARAMETERS AND VALUES FOR DRINKING-WATER QUALITY
CHEMICALS OF NO HEALTH SIGNIFICANCE AT CONCENTRATIONS NORMALLY FOUND IN DRINKING WATER

Asbestors Silver Tin	In consonance with the findings of WHO, the Department of Health does not prescribe any standard values for these compounds since they are not hazardous to human health at concentrations normally found in drinking-water.

Source : Department of Environment and Natural Resources Administrative Order 26-A Series of 1994

Table 6.3.28
STANDARD PARAMETERS AND VALUES FOR DRINKING-WATER QUALITY
STANDARD VALUES FOR RADIOLOGICAL CONSTITUENTS

Constituents	Activity Level (Bq/L)
gross alpha activity	0.1
gross beta activity	1

Source: Department of Environment and Natural Resources Administrative Order 26-A Series of 1994

Table 6.3.29
VEHICLE EMISSION LIMITS FOR EURO 4/IV, AND IN-USE VEHICLE EMISSION STANDARDS

Types of Vehicles	Emission Limits/Standards								
a.1) New passenger vehicles, M and light duty, N1 with Euro 2/Euro 3 engines	**Category/Class of Vehicle**		**Reference Mass RW (kg)**	**CO (g/km)**		**HC + NOx (g/km)**		**Particulate (PM) (g/km)**	
	Category	**Class**		**Petrol**	**Diesel**	**Petrol**	**Diesel**	**Petrol**	**Diesel**
	M (1)	-	all	2.0	0.9	0.3	0.6	-	0.05
	N1 (2)	I	RW≤1,250	2.0	0.9	0.3	0.6	-	0.05
		II	1,250<RW≤1,700	3.0	1.2	0.4	0.8	-	0.10
		III	1,700<RW	4.0	1.4	0.5	1.0	-	0.15
a.2) New passenger vehicles, M and light duty, N1 with Euro 4 engines	Euro 4								
b.1) New heavy duty vehicles with Euro II/Euro III engines	**CO (g/kWh)**		**HC (g/kWh)**	**NOx (g/kWh)**			**PM (g/kWh)**		
	2.45		0.73	6.9			0.14		
b.2) New heavy duty vehicles with Euro IV engines	Euro IV								
c.1) New motorcycles, tricycles and mopeds with Euro 2 engines	**Class (cc)**		**CO (g/km)**	**HC(g/km)**			**NOx(g/km)**		
	<150 cc. (1.3)		4.5 (5.0)	0.80 (1.1)			0.20 (.29)		
	≥150 cc. (1.3)		4.5 (5.0)	0.70 (0.9)			0.20 (.29)		
	All (L4)		6.5	1.0			0.39		
c.2) New motorcycles, tricycles and mopeds with Euro 2 engines	Euro 3								
	CO (% by vol.) At idling			HC(ppm) At idling			Light Absorption Coefficient, m^{-1} At free acceleration		
d) In-use, rebuilt and imported used passanger cars light duty and heavy duty vehicles	**0.25** *[registered for the first time on or after July 1, 2017]* **0.5** *[registered for the first time after December 31, 2007]* **3.5** *[registered for the first time on or before December 31, 2007]*			**100** *[registered for the first ime on or after July 1, 2017]* **250** *[registered for the first time after December 31, 2007]* ***600*** *[registered for the first time on or before December 31, 2007]*			**1.0** *[registered for the first ime on or after July 1, 2017]* **2.0** *[registered for the first time after December 31, 2015]* **2.5** *[registered for the first time on or before December 31, 2015]*		
f) In-use motorcycles, tricycles and mopeds	**2.5** *[registered for the first time on or after July 1, 2017]*			**1,000** *[registered for the first time on or after July 1, 2017]*			20% smoke opacity		
	3.5 *[registered for the first time on or after Januay 1, 2012]*			**4,500** *[registered for the first time on or after Januay 1, 2012]*			30% smoke opacity		
	4.5 *[registererd for the first time before January 1, 2012]*			**6,000** *[registererd for the first time before January 1, 2012]*			30% smoke opacity		

Source : Department of Environment and Natural Resources Administrative Order No. 2015-04, effective July 1, 2015

Table 6.3.30
WATER QUALITY GUIDELINES FOR PRIMARY PARAMETERS

Parameter	Unit	Water Body Classification								
		AA	A	B	C	D	SA	SB	SC	SD
BOD	mg/L	1	3	5	7	15	n/a	n/a	n/a	n/a
Chloride	mg/L	250	250	250	350	400	n/a	n/a	n/a	n/a
Color	TCU	5	50	50	75	150	5	50	75	150
Dissolved Oxygen[(a)] (Minimum)	mg/L	5	5	5	5	2	6	6	5	2
Fecal Coliform	MPN/100mL	<1.1	<1.1	100	200	400	<1.1	100	200	400
Mitrate as NO_3-N	mg/L	7	7	7	7	15	10	10	10	15
pH (range)		6.5-8.5	6.5-8.5	6.5-8.5	6.5-9.0	6.0-9.0	7.0-8.5	7.0-8.5	6.5-8.5	6.0-9.0
Phosphate	mg/L	<0.003	0.5	0.5	0.5	5	0.1	0.5	0.5	5
Temperature[(b)]	°C	26-30	26-30	26-30	25-31	25-32	26-30	26-30	25-31	25-32
Total Suspended Solids	mg/L	25	50	65	80	110	25	50	80	110

Notes:

MPN/100mL - Most Probable Number per 100 milliliter

n/a - Not Applicable

TCU - True Color Unit

(a) Samples shall be taken from 9:00 AM to 4:00 PM

(b) The natural background temperature as determined by EMB shall prevail if the temperature is lower or higher than the WQG; provided that the maximum increase in only up to 10 percent and that it will nto cause any risk to human health and the environment

Source: Department of Environment and Natural Resources Administrative Order No. 2016-08

Table 6.3.31
WATER QUALITY GUIDELINES FOR SECONDARY PARAMETERS-INORGANICS

Parameter	Unit	Water Body Classification								
		AA	A	B	C	D	SA	SB	SC	SD
Ammonia as NH_3-N	mg/L	0.05	0.05	0.05	0.05	0.75	0.04	0.05	0.05	0.75
Boron	mg/L	0.5	0.5	0.5	0.75	3	0.5	0.5	5	20
Fluoride	mg/L	1	1	1	1	2	1.5	1.5	1.5	3
Selenium	mg/L	0.01	0.01	0.01	0.02	0.04	0.01	0.01	0.1	0.2
Sulfate	mg/L	250	250	250	275	500	250	250	275	500

Source: Department of Environment and Natural Resources Administrative Order No. 2016-08

Table 6.3.32
WATER QUALITY GUIDELINES FOR SECONDARY PARAMETERS-METALS(C)

Parameter	Unit	Water Body Classification								
		AA	A	B	C	D	SA	SB	SC	SD
Arsenic	mg/L	0.01	0.01	0.01	0.02	0.04	0.01	0.01	0.02	0.04
Barium	mg/L	0.7	0.7	0.7	3	4	0.1	0.7	1	4
Cadmium	mg/L	0.003	0.003	0.003	0.005	0.01	0.003	0.003	0.005	0.01
Chromium as Hexavalent Chromium (Cr^{6+})	mg/L	0.01	0.01	0.01	0.01	0.02	0.05	0.05	0.05	0.1
Copper as Dissolved Copper	mg/L	0.02	0.02	0.02	0.02	0.04	0.02	0.02	0.02	0.04
Iron	mg/L	1	1	1	1.5	7.5	1.5	1.5	1.5	7.5
Lead	mg/L	0.01	0.01	0.01	0.05	0.1	0.01	0.01	0.05	0.1
Manganese	mg/L	0.2	0.2	0.2	0.2	2	0.4	0.4	0.4	4
Mercury	mg/L	0.001	0.001	0.001	0.002	0.004	0.001	0.001	0.002	0.004
Nickel	mg/L	0.02	0.02	0.04	0.2	1	0.02	0.04	0.06	0.3
Zinc	mg/L	2	2	2	2	4	0.04	0.05	0.8	1.5

Note:

(c) Unless otherwise specified, the above parameters are expressed as total metals.

Source: Department of Environment and Natural Resources Administrative Order No. 2016-08

Table 6.3.33

WATER QUALITY GUIDELINES FOR SECONDARY PARAMETS-ORGANICS

Parameter	Unit	Water Body Classification								
		AA	A	B	C	D	SA	SB	SC	SD
Benzo(a)pyrene	µg/L	0.7	0.7	0.7	1.5	3	0.7	0.7	1.5	3
BTEX										
Benzene	mg/L	0.01	0.01	0.01	0.05	0.5	0.01	0.01	0.05	0.5
Toleune	mg/L	0.7	0.7	1	4	5	1	1	4	5
Ethylbenzene	mg/L	0.3	0.3	0.3	1.5	2	0.2	0.2	1.5	2
Xlenes	mg/L	0.5	0.5	0.5	1.5	1.8	0.5	0.5	1.5	1.8
Cyanide as Free Cyanide	mg/L	0.07	0.07	0.07	0.1	0.2	0.02	0.02	0.1	0.2
Organophosphate as Malathion	mg/L	1	1	1	3	6	1	1	3	6
Oil and Grease	mg/L	<1	1	1	2	5	1	2	3	5
Polychlorinated Biphenyls[(d)]	µg/L	<0.1	<0.1	0.2	0.5	1	0.3	0.3	0.5	1
Phenol & Phenolic Substances[(e)]	mg/L	<0.001	<0.001	<0.001	0.05	0.5	<0.001	<0.001	0.05	0.5
Surfactants (MBAS)	mg/L	<0.025	0.2	0.3	1.5	3	0.3	0.3	1.5	3
Trichloroethylene	mg/L	0.07	0.07	0.07	0.9	2	0.07	0.07	0.9	2
Total Organochlorine Pesticides[(f)]	µg/L	n/a	n/a	50	50	50	50	50	50	50
Aldrin	µg/L	0.03	0.03	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chlordane	µg/L	0.2	0.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Dichlorodiphenyltri-chloroethane	µg/L	1	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Dieldrin	µg/L	0.03	0.03	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Endrin	µg/L	0.6	0.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Heptachlor	µg/L	0.03	0.03	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Lindane	µg/L	2	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Methoxychlor	µg/L	50	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Toxaphene	µg/L	4	4	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Notes:

CAS-Chemical Abstracts Service

IUPAC-International Union of Pure and Applied Chemistry

MBAS - Methylene Blue Active Substances

µg/L - microgram per liter

(d) Polychlorinated Biphenyls (PCBs) include the nine Aroclors and 19 individuals PCB congeners described below:

Compound	CAS#	IUPAC#
Aroclor 1016	12674-11-2	
Aroclor 1221	11104-28-2	
Aroclor 1232	11141-16-5	
Aroclor 1242	53469-21-9	
Aroclor 1248	12672-29-6	
Aroclor 1254	11097-69-1	
Aroclor 1260	11096-82-5	
Aroclor 1262	37324-23-5	
Aroclor 1268	11100-14-4	
2-Chlorobiphenyl	2051-60-7	1
2,3-Dichlorobiphenyl	16605-91-7	5
2,2',5-Trichlorobiphenyl	37680-65-2	18
2,4',5-Trichlorobiphenyl	16606-02-3	31
2,2',3,5'-Tetrachlorobiphenyl	41464-39-5	44
2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	52
2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	66
2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	87
2,2',4,4,5'-Pentachlorobiphenyl	37680-73-2	101
2,3,3',4',6-Pentachlorobiphenyl	38380-03-9	110
2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2	138
2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6	141
2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5	151
2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1	153
2,2',3,3',4,4',5,5'-Heptachlorobiphenyl	35065-30-6	170
2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3	180
2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1	183
2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0	187
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9	206

(e) Phenols include 2-chlorophenol, 2,4-dichlorophenol, and 2,4,6-trichlorophenol.

(f) When monitoring for Class AA and A waters, the individual organochlorine pesticides shall be monitored. For Class B, C, D, SA, SB, SC and SDD; Total Organochlorine Pesticides shall be monitored, which refers to the organochlorine pesticides listed in Table 0-6 plus Benzene Hexachloride (BHC) (α,β,δ,γ), 4,4' Dichlorodiphenyldichloroethane (DDD), 4,4' Dichlorodiphenyldichloroethylene (DDE), Endosulfan (I,II, and sulfate).

Source: Department of Environment and Natural Resources Administrative Order No. 2016-08

Table 6.3.34
GROUNDWATER QUALITY GUIDELINES

Intended Beneficial Use	Groundwater Quality Guidelines
Source of Potable Water and Other Domestic Use	Adopt Class A WQG (except BOD and Dissolved Oxygen)
Bathing and Other Primary Contact Recreation	Adopt Class B WQG (except BOD and Dissolved Oxygen)
Irrigation, Fish Culture, Livestock Watering	Adopt Class C WQG (except BOD, Dissolved Oxygen and Total Suspended Solids)

Source : Department of Environment and Natural Resources Administrative Order No. 2016-08

Table 6.3.35
SIGNIFICANT EFFLUENT QUALITY PARAMETERS PER SECTOR

PSIC	Industry Category	Significant Parameters
A. Agriculture, Forestry, Fishing		
014	Animal production	BOD, Total Suspended Solids, Total Coliform (for Class B and SB), Ammonia, Phosphate
032	Aquaculture (excluding fish pens)	BOD, Total Suspended Solids, Ammonia, Nitrate, Phosphate, Sulfate
B. Mining and Quarrying		
05	Mining of coal and lignite	Color, pH, Total Suspended Solids, Nitrate, Sulfate, Manganese, Iron Arsenic, Cadmium, Mercury, Lead
06	Extraction of crude petroleum and natural gas, and support activities	pH, Total Suspended Solids, Sulfate, Fluoride, Barium, Chromium, Nickel, Copper, Zinc, Mercury, Oil and Grease, Phenol & Phenolic Substances, Benzene, Toluene, Ethylbenzene, Xylenes, Benzo(a)pyrene
07100	Mining of iron ores	Color, pH, Total Suspended Solids, Nitrate, Manganese, Iron, Arsenic, Cadmium, Lead
	Mining of precious metal ores	
	Gold ore mining	pH, Total Suspended Solids, Nitrate, Cyanide, Copper, Zinc, Arsenic, Mercury, Lead
	Silver ore mining	pH, Total Suspended Solids, Nitrate, Cyanide, Copper, Zinc, Arsenic, Mercury, Lead

Continued

Table 6.3.35 *(continued)*

PSIC	Industry Category	Significant Parameters
B. Mining and Quarrying *(continued)*		
0722	Mining of precious metal ores *(continued)*	
	Platinum ore mining	pH, Total Suspended Solids, Nitrate, Sulfate, Cyanide, Manganese, Iron, Copper, Zinc, Arsenic, Cadmium, Mercury, Lead
07291	Copper ore mining	pH, Total Suspended Solids, Nitrate, Sulfate, Cyanide, Iron, Copper, Zinc, Arsenic, Cadmium, Mercury, Lead
07292	Chromite ore mining	pH, Total Suspended Solids, Nitrate, Chromium, Arsenic, Cadmium, Mercury, Lead
07293	Manganese ore mining	pH, Total Suspended Solids, Nitrate, Manganese, Arsenic, Cadmium, Lead
07294	Nickel ore mining	pH, Total Suspended Solids, Manganese, Arsenic, Cadmium, Lead, Nickel
08913	Pyrite mining	pH, Total Suspended Solids, Sulfate, Manganese, Iron, Copper, Arsenic, Lead
08914	Rock phosphate mining	pH, COD, Total Suspended Solids, Ammonia, Phosphate, Fluoride, Surfactants
C. Manufacturing		
10110	Slaughtering and meat packing	Temperature, pH, BOD, Total Suspended Solids, Ammonia, Nitrate, Phosphate, Oil and Grease
10120	Production precossing and preserving of meat and meat products	Temperature, pH, BOD, Total Suspended Solids, Oil and Grease
1020	Processing and preserving of fish, crustaceans and mollusks (except carrageenan)	Temperature, pH, BOD, Total Suspended Solids, Nitrate, Oil and Grease
10205	Processing of seaweeds; manufacture of agar-agar and carrageenan	Temperature, pH, COD, Total Suspended Solids
1030	Processing and preserving of fruits and vegetables	Temperature, pH, BOD, Total Suspended Solids, Oil and Grease
104	Manufacture of vegetable and animal oils and fats	Temperature, pH, BOD, Total Suspended Solids, Nitrate, Ammonia, Oil and Grease

Continued

Table 6.3.35 *(continued)*

PSIC	Industry Category	Significant Parameters
C. Manufacturing *(continued)*		
105	Manufacture of dairy products	Temperature, pH, BOD, Total Suspended Solids, Nitrate, Oil and Grease
106	Manufacture of grain mill products, starches and starch products (except rice, corn, and cassava flour milling)	Temperature, pH, COD, Total Suspended Solids, Nitrate
10610	Rice/corn milling	BOD, Total Suspended Solids
10621	Cassava flour milling	BOD, Total Suspended Solids, Cyanide
107	Manufacture of other food products (except sugar)	Temperature, BOD, Total Suspended Solids, Oil and Grease
1072	Manufacture of sugar	
	Sugar milling	Temperature, pH, BOD, Total Suspended Solids, Nitrate
	Sugar refining	Temperature, pH, COD, Total Suspended Solids, Nitrate
10800	Manufacture of prepared animal feeds	Temperature, pH, BOD, Total Suspended Solids, Nitrate, Ammonia, Oil and Grease
11	Manufacture of beverages	Color, Temperature, pH, BOD, Total Suspended Solids, Nitrate, Ammonia
12	Manufacture of tobacco products	Color, Temperature, pH, COD, Total Suspended Solids
13	Manufacture of textiles	Color, Temperature, pH, BOD, COD, Chromium, Phenol & Phenolic Substances, Oil and Grease, Surfactants, Ammonia, Tricholoroethylene, Copper
14	Manufacture of wearing apparel	Temperature, pH, Surfactants, Color, COD
15110	Tanning and dressing of leather	Color, pH, COD, Total Suspended Solids, Total Coliform, Ammonia, Chloride, Chromium, Oil and Grease, Phenol & Phenolic Substances
1621	Manufacture of veneer sheets; manufacture of plywood, laminated board, particle board and other panels and board; wooden window and screens	COD, Total Suspended Soilds, Nitrate, Sulfate, Boron, Chromium, Copper, Arsenic, Benzo(a)pyrene

Continued

Table 6.3.35 *(continued)*

PSIC	Industry Category	Significant Parameters
C. Manufacturing *(continued)*		
17012	Pulp milling including manufacture of pulp, paper and paperboard	Color, Temperature, pH, COD, Total Suspended Solids, Nitrate, Phenol & Phenolic Substances, Sulfate, Phosphate, Ammonia
17013	Paper and paperboard milling	Color, Temperature, pH, COD, Total Suspended Solids, Nitrate, Phosphate, Ammonia, Barium, Boron, Chloride, Arsenic. Cadmium, Chromium, Copper, Lead, Mercury, Zinc
18110	Printing	Color, pH, COD, Total Suspended Solids, Cadmium, Chromium, Zinc, Oil and Grease
19100	Manufacture of coke oven products	Temperature, pH, COD, Total Suspended Solids, Ammonia, Sulfate, Cyanide, metals (except Arsenic and Barium), Oil and Grease, Phenol & Phenolic Substances, Polychlorinated Biphenyls, Benzene, Toluene, Ethylbenzene, Xylenes, Benzo(a)pyrene
19200	Manufacture of refined petroleum products	Temperature, pH, COD, Total Suspended Solids, Ammonia, Nitrate, Sulfates, Phosphate, Cyanide, Fluoride, Chloride, Chromium, Iron, Nickel, Copper, zinc, Lead, Oil and Grease, Benzene, Toluene, Ethylbenzene, Xylenes, Benzo(a)pyrene, Phenol & Phenolic Substances
19900	Manufacture of refined petroluem products (biodiesel)	Temperature, pH, COD, Total Suspended Solids, Oil and Grease
20111,20114	Manufacture of ethanol	
	Manfuacture of ethanol for: -Food and beverage -Fuel application	Temperature, pH, BOD, Total Suspended Solids, Ammonia, Nitrate, Sulfate, Chloride
	Blending of ethanol for -Antiseptic -Solvent (denatured)	pH, COD
20112	Manufacture of industrial (compressed/liquefied) gases	Temperature, pH, COD, Nitrate, Sulfate, Chloride, Mercury, and metals depending on the catalysts used
20113, 20116, 20117, 20119	Manufacture of inorganic, organic and other basic chemicals	Color, Temperature, pH, COD, Total Suspended Solids and other parameters depending on the major chemical/s manufactured

Continued

Table 6.3.35 *(continued)*

PSIC	Industry Category	Significant Parameters
C. Manufacturing *(continued)*		
20115	Manufacture of alcohol except ethyl alcohol	Temperature, pH, COD, and metals depending on the catalysts used
20120	Manufacture of fertilizers and nitrogen compounds	Temperature, pH, COD, Total Suspended Solids, Ammonia, Nitrate, Phosphate, Sulfate, Fluoride, and metals depending on the catalysts used
2013	Manufacturing of plastics and synthetic rubber in primary forms	Temperature, pH, COD, Ammonia, Sulfate, Cyanide, Oil and Grease, Benzene, Toluene, Ethylbenzene, Xylenes, Benzo(a)pyrene, Phenol & Phenolic Substances, and metals depending on the catalysts used
20210	Manufacture of pesticides and other agro-chemical products	pH, COD, Total Suspended Solids, Oil and Grease, Benzene, Toluene, Ethylbenzene, Xylenes, Trichloroethylene, Malathion, Total Organochlorine Pesticides, and metals depending on catalyst used
2022, 20293	Manufacture of paints, ink, varnishes and similar coating materials	Color, Temperature, pH, COD, Total Suspended Solids, Barium, Selenium, Chromium, Nickel, Copper, Zinc, Arsenic, Cadmium, Mercury, Lead, Oil and Grease, Benzene, Toluene, Ethylbenzene, Xylenes, Phenol & Phenolic Substances, Trichloroethylene
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	Temperature, pH, COD, Total Suspended Solids, Ammonia, Nitrate, Phosphate, Sulfate, Chloride, Fluoride, Boron, Selenium, Zinc, Oil and Grease, Surfactants
20294	Manufacture of glues and adhesives	
	Synthetic glues and adhesives	pH, COD, Cyanide, Zinc, Mercury, Oil and Grease, Benzene, Toluene, Ethylbenzene, Xylenes, Phenol & Phenolic Substances
	Animal/plant derived glues and adhesives	ph,COD, Boron, Chloride
20299	Manufacture of miscellaneous chemical products, not elsewhere classified	Color, pH, Temperature, COD, Total Suspended Solids and other parameters depending on the major chemical/s manufactured
2030	Manufacture of man-made fibers (except glass fibers)	Temperature, COD, Total Suspended Solids

Continued

Table 6.3.35 *(continued)*

PSIC	Industry Category	Significant Parameters
C. Manufacturing *(continued)*		
21001	Manufacture of drugs and medicines including biological products such as bacterial and virus vaccines, sera and plasma	pH, COD, Total Suspended Solids
2310	Manufacture of glass and glass products	Color, Temperature, pH, Total Suspended Solids, Fluoride, Boron, Selenium, Arsenic, Lead, Oil and Grease
239	Manufacture of ceramics, clay products, construction aggregates, asphalt, asbestos and other non-metallic minerals (except cement)	Color, Temperature, pH, COD, Chromium, Copper, Zinc, Cadmium, Lead
23940	Manufacture of cement	Temperature, pH, Total Suspended Solids
241, 2431	Manufacture of iron and steel	Temperature, pH, COD, Total Suspended Solids, Ammonia, Nitrate, Phosphate, Sulfate, Fluoride, Chloride, Cyanide, Barium, Chromium, Manganese, Iron, Nickel, Zinc, Cadmium, Mercury, Lead, Oil and Grease, Benzene Toluene, Ethylbenzene, Xylenes
24210	Manufacture of precious metals	Temperature, pH, COD, Total Suspended Solids, Ammonia, Nitrate, Sulfate, Cyanide, Chloride, Boron, Chromium, Iron, Copper, Zinc, Arsenic, Cadmium, Mercury, Lead, Oil and Grease, Phenol & Phenolic Substances
24220	Non-ferrous smelting and refining, except precious metals	Temperature, pH, COD, Total Suspended Solids, Selenium, Manganese, Iron, Nickel, Copper, Zinc, Arsenic, Cadmium, Mercury, Lead
24230	Non-ferrous rolling, drawing and extrusion mills	Temperature, pH, COD, Total Suspended Solids, Ammonia, Phosphate, Boron, Fluoride, Zinc, Arsenic, Cadmium, Chromium, Mercury, Lead, Cyanide, Phenol & Phenolic Substances
24240	Manufacture of pipe fittings of non-ferrous metal	Temperature, pH, COD, Total Suspended Solids, Ammonia, Phosphate, Boron, Fluoride, Zinc, Arsenic, Cadmium, Chromium, Mercury, Lead, Cyanide, Phenol & Phenolic Substances, Oil and Grease

Continued

Table 6.3.35 *(continued)*

PSIC	Industry Category	Significant Parameters
C. Manufacturing *(continued)*		
24290	Manufacture of basic precious and non-ferrous metal, not elsewhere classified	Temperature, pH, COD, Total Suspended Solids, Ammonia, Phosphate, Boron, Fluoride, Zinc, Arsenic, Cadmium, Chromium, Mercury, Lead, Cyanide, Phenol & Phenolic Substances
2431	Casting/foundry of iron and steel	Temperature, pH, COD, Total Suspended Solids, Copper, Zinc, Oil and Grease
2432	Casting of Non-ferrous metal casting such as aluminum, copper and zinc alloys	Temperature, pH, COD, Total Suspended Solids, Sulfate, Fluoride, Iron, Copper, Zinc, Arsenic, Cadmium, Chromium, Mercury, Lead
25920	Treatment, coating, and machining of metals	pH, COD, Total Suspended Solids, Ammonia, Nitrate, Phosphate, Sulfate, Cyanide, Fluoride, Boron, Chromium, Iron Nickel, Copper, Zinc, Cadmium, Lead, Oil and Grease, Trichloroethylene
261	Manufacture of electronic components	pH, COD, Total Suspended Solids, Fluoride, Chloride, Boron, Oil and Grease, Trichloroethylene, and Metals depending on the major electronic components manufactured
2720	Manufacture of batteries and accumulators	pH, COD, Total Suspended Solids, Fluoride, Selenium, Manganese, Iron, Nickel, Copper, Zinc, Cadmium, Mercury, Lead, Oil and Grease
D. Electricity, Gas, Steam and Air Conditioning Supply		
35100	Electric power generation (except transmission and distribution)	
	Coal	Temperature, pH, COD, Total Suspended Solids, Phosphate, Sulfate, Chloride, Boron, Chromium, Nickel, Copper, Zinc, Arsenic, Cadmium, Mercury, Lead, Oil and Grease
	Natural gas	Temperature, pH, COD, Total Suspended Solids, Phosphate, Chloride, Chromium, Zinc
	Oil (Petroleum)	Temperature, pH, COD, Total Suspended Solids, Phosphate, Chloride, Chromium, Copper, Zinc, Arsenic, Cadmium, Lead, Oil and Grease
	Geothermal	Temperature, pH, COD, Total Suspended Solids, Chloride, Boron Chromium, Zinc, Arsenic, Cadmium, Mercury, Lead
	Hydro	Oil and Grease
	Biomass	Temperature, pH, COD, Total Suspended Solids, and other parameters depending on the nature of the feedstock

Continued

Table 6.3.35 *(continued)*

PSIC	Industry Category	Significant Parameters
D. Electricity, Gas, Steam and Air Conditioning Supply *(continued)*		
35200	Manufacture of gas; distribution of gaseous fuels through mains	Temperature, pH, COD, Total Suspended Solids, Nitrate, Cyanide, Chloride, Chromium, Nickel, Zinc, Arsenic, Cadmium, Mercury, Lead, Oil and Grease, Benzene, Toluene, Ethylbenzene, Xylenes, Benzo(a)pyrene, Phenol & Phenolic Substances
35300	Air conditioning supply and production of ice (except steam production)	Temperature, pH, COD, Ammonia, Nitrate, Phosphate, Sulfate, Chloride, Chromum, Zinc
E. Water Supply; Sewerage, Waste Management and Remediation Activities		
36000	Water collection, treatment and supply (except those intended to prevent pollution)	pH, Total Suspended Solids, Chloride, Fluoride, Iron
37000	Sewerage (operation of sewer systems or sewage treatment facilities that collect, treat, and dispose of sewage)	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil and rease, Surfactants
38210	Treatment and disposal of non-hazardous waste	Color, Temperature, pH, COD, Total Suspended Solids, Total Coliform, Ammonia, Nitrate, Phosphate, Sulfate, Chloride, Oil and Grease
38220	Treatment and disposal of hazardous waste	Color, Temperature, pH, COD, Total Suspended Solids, and other parameters depending on the nature of their activities
39000	Remediation activities and other waste management services	Color, Temperature, pH, COD, Total Suspended Solids, and other parameters depending on the nature of remediation activity
G. Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles		
452, 454	Maintenace and repair of vehicles, their parts and components (excluding vulcanizing/tire related preparations)	Color, pH, Total Suspended Solids, Ammonia, Nitrate, Nickel, Cadmium, Mercury, Lead, Oil and Grease, Benzo(a)pyrene, Surfactants
47300, 4661	Wholesale and retail sale of automotive fuels	Total Suspended Solids, Oil and Grease, Benzen, Toluene, Ethylbenzene, Xylenes, Benzo(a)pyrene
H. Transportation and Storage		
52104	Cold storage	Color, Temperature, pH, COD, Total Suspended Solids, Ammonia, Oil and Grease

Continued

Table 6.3.35 *(continued)*

PSIC	Industry Category	Significant Parameters
I. Accommodation and Food Services		
55	Hotels, motels, resorts, dormitories and other accommodation services	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil and Grease, Surfactants
56	Restaurants, food chains, bars and other food/beverage services	BOD, Total Suspended Solids, Oil and Grease, Surfactants
J. Real Estate Activities		
681	Real estate activities with own or leased property	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil and Grease, Surfactants
M. Professional, Scientific and Technical Activities		
71200	Technical testing and analysis	All significant parameters depending on the nature of their activity
7210	Research and experimental development on natural sciences and engineering	All significant parameters depending on the nature of their activity
75	Veterinary activities	Color, pH, COD, Total Suspended Solids, Fecal Coliform, Oil and Grease, Surfactants
P. Education		
85	Public and private education (including support activities)	BOD, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil and Grease, and all significant parameters depending on the nature of their activity
Q. Human Health and Social Works		
86, 87	Hospitals, clinics, nursing homes and other human health and residential care activities	Color, pH, BOD, Total Suspended Solids, Fecal Coliform, Ammonia, Nitrate, Phosphate, Oil and Grease, Surfactants
86900	Other human health activities - medical laboratories inside and outside of medical facilities	All significant parameters depending on the nature of their activity
S. Other Service Activities		
OC1	Public markets	Color, Temperature, pH, BOD, Total Suspended Solids, Ammonia, Nitrate, Chloride, Oil and Grease

Continued

Table 6.3.35 *(concluded)*

PSIC	Industry Category	Significant Parameters
S. Other Classifications *(continued)*		
OC2	Scrubbing of flue gases from firing systms (primarily in scrubbing of flue gases from firing systems). This shall not apply to wastewater from industrial waste-gas-scrubbing systems, from cooling circuits of power stations and industrial processes	Color, Temperature, pH, COD, Sulfate, Fluoride, Chromium, Nickel, Copper, Cadmium, Mercury
OC3	Effluent from oil water separators of auxiliary facilities	pH, Total Suspended Solids, Oil and Grease
OC4	Effluent from cooling ponds, cooling towers, and similar facilities (non-contact cooling system)	Temperature, pH

Notes:

COD - Chemical Oxygen Demand

PSIC - Philippine Standard Industrial Classification (2009)

1. For sectors not included in Table 8, EMB Central Office shall determine the significant effluent parameters for the said sector.
2. Domestic sewage of all establishments shall be monitored for the same parameteres listed PSIC No. 37000.

Source: Department of Environment and Natural Resources Administrative Order No. 2016-08

Table 6.3.36
WATER QUALITY GUIDELINES FOR PRIMARY PARAMETERS

Parameter	Unit	Water Body Classification								
		AA	A	B	C	D	SA	SB	SC	SD
Ammonia as NH_3-N	mg/L	NDA	0.5	0.5	0.5	7.5	NDA	0.5	0.5	0.75
BOD	mg/L	NDA	20	30	50	120	NDA	30	100	150
Boron	mg/L	NDA	2	2	3	12	NDA	2	20	80
Chloride	mg/L	NDA	350	350	450	500	NDA	n/a	n/a	n/a
COD	mg/L	NDA	60	60	100	200	NDA	60	200	300
Color	TCU	NDA	100	100	150	300	NDA	100	150	300
Cyanide as Free Cyanide	mg/L	NDA	0.14	0.14	0.2	0.4	NDA	0.04	0.2	0.4
Fluoride	mg/L	NDA	2	2	2	4	NDA	3	3	6
Nitrate as NO_3-N	mg/L	NDA	14	14	14	30	NDA	20	20	30
pH (Range)		NDA	6.0-9.0	6.0-9.0	6.0-9.5	5.5-9.5	NDA	6.5-9.0	6.0-9.0	5.5-9.5
Phosphate	mg/L	NDA	1	1	1	10	NDA	1	1	10
Selenium	mg/L	NDA	0.02	0.02	0.04	0.08	NDA	0.02	0.2	0.4
Sulfate	mg/L	NDA	500	500	550	1000	NDA	500	550	1000
Surfactants (MBAS)	mg/L	NDA	2	3	15	30	NDA	3	15	30
Temperature[h]	°C change	NDA	3	3	3	3	NDA	3	3	3
Total Suspended Solids	mg/L	NDA	70	85	100	150	NDA	70	100	150
Arsenic	mg/L	NDA	0.02	0.02	0.04	0.08	NDA	0.02	0.04	0.08
Barium	mg/L	NDA	1.5	1.5	6	8	NDA	1.5	2	8
Cadmium	mg/L	NDA	0.006	0.006	0.01	0.02	NDA	0.006	0.01	0.02
Chromium as Hexavalent Chromium (Cr^{6+})	mg/L	NDA	0.02	0.02	0.02	0.04	NDA	0.1	0.1	0.2
Copper as dissolved Copper	mg/L	NDA	0.04	0.04	0.04	0.08	NDA	0.04	0.04	0.08
Iron	mg/L	NDA	5	5	7.5	35	NDA	7.5	7.5	35
Lead	mg/L	NDA	0.02	0.02	0.1	0.2	NDA	0.02	0.1	0.2
Manganese	mg/L	NDA	2	2	2	20	NDA	4	4	40
Mercury	mg/L	NDA	0.002	0.002	0.004	0.008	NDA	0.002	0.004	0.008
Nickel	mg/L	NDA	0.1	0.2	1	5	NDA	0.2	0.3	1.5
Zinc	mg/L	NDA	4	4	4	8	NDA	0.1	1.5	3
Benzo(a)pyrene	µg/L	NDA	1.5	1.5	3	6	NDA	1.5	3	6
BTEX										
Benzene	mg/L	NDA	0.1	0.1	0.5	5	NDA	0.1	0.5	5
Toluene	mg/L	NDA	3.5	5	20	25	NDA	5	20	25
Ethylbenzene	mg/L	NDA	1.5	1.5	7.5	10	NDA	1	7.5	10
Xylenes	mg/L	NDA	5	5	15	18	NDA	5	15	18
Malathion (Organophosphate)	µg/L	NDA	1	1	3	6	NDA	1	3	6
Oil and Grease	mg/L	NDA	5	5	5	15	NDA	5	10	15
Polychlorinated Biphenyls[i]	µg/L	NDA	<0.1	<0.1	<0.1	<0.1	NDA	<0.1	<0.1	<0.1
Phenol & Phenolic Substances[j]	mg/L	NDA	0.01	0.01	0.5	5	NDA	0.01	0.5	5
Trichloroethylene	mg/L	NDA	0.7	0.7	9	20	NDA	0.7	9	20
Total Organochlorine Pesticides[k]	µg/L	NDA	<0.419	50	50	50	NDA	50	50	50
Aldrin	µg/L	NDA	<0.02	<0.02	<0.02	<0.02	NDA	<0.02	<0.02	<0.02
Chlordane	µg/L	NDA	<0.02	<0.02	<0.02	<0.02	NDA	<0.02	<0.02	<0.02
DDT	µg/L	NDA	<0.04	<0.04	<0.04	<0.04	NDA	<0.04	<0.04	<0.04
Dieldrin	µg/L	NDA	<0.02	<0.02	<0.02	<0.02	NDA	<0.02	<0.02	<0.02
Endrin	µg/L	NDA	<0.02	<0.02	<0.02	<0.02	NDA	<0.02	<0.02	<0.02
Heptachlor	µg/L	NDA	<0.02	<0.02	<0.02	<0.02	NDA	<0.02	<0.02	<0.02

Continued

Table 6.3.36 *(concluded)*

Parameter	Unit	Water Body Classification								
		AA	A	B	C	D	SA	SB	SC	SD
Total Organochlorine Pesticides *(continued)*										
Lindane	µg/L	NDA	<0.02	<0.02	<0.02	<0.02	NDA	<0.02	<0.02	<0.02
Metoxychlor	µg/L	NDA	<0.03	<0.03	<0.03	<0.03	NDA	<0.03	<0.03	<0.03
Toxaphene	µg/L	NDA	<0.03	<0.03	<0.03	<0.03	NDA	<0.03	<0.03	<0.03

Notes:

NDA - No Discharge Allowed

(g) GES values are maximum allowable limit.

(h) GES values for temperature refer to the temperature difference of the background value and discharge point. Specific sampling locations shall be established based on the EMB Ambient Water and Effluent Quality Monitoring Manual. Sampling locations for temperature monitoring, established and approved by EMB, prior to this order shall remain valid.

(i) PCBs include the nine Aroclors and 19 individual PCB congeners described in Section 6.1 of DAO 2016-08.

(j) Phenols include 2-chlorophenol, 2, 4-dichlorophenol, and 2,4,6-trichlorophenol

(k) When monitoring for Class A waters, the individual organochlorine pesticides shall be monitored. For Class B, C, D, SB, SC, SD, Total Organochlorine Pesticides shall be monitored, which refers to the organochlorine pesticies listed in Table 0-2 plus BHC (α,β,δ,γ), 4,4'DDD, 4,4'DDE, Endosulfan (I, II, and sulfate).

Source : Department of Environment and Natural Resources Administrative Order No. 2016-08

Table 6.3.37

EFFLUENT STANDARDS FOR BOD APPLICABLE TO ESTABLISHMENTS WITH INFLUENT BOD OF

Influent BOD (mg/L)	Units	Class C	Class D	Class SC	Class SD
3,000 to <6,500	mg/L	100	150	100	150
6,500 to <10,000	mg/L	200	300	200	300
10,000 to 30,000	mg/L	600	1,000	600	1,000
>30,000	mg/L	900	1,500	900	1,500

Source : Department of Environment and Natural Resources Administrative Order No. 2016-08

Table 6.4
LIST AND DESCRIPTION OF MULTILATERAL ENVIRONMENTAL AGREEMENTS AND OTHER GLOBAL ENVIRONMENTAL CONVENTIONS

Multilateral Environmental Agreements/ Global Environmental Conventions	Basic Objective	Date of Signature, Ratification/Approval/ Accession/Adoption, and Entry into Force
United Nations Environment Assembly (UNEA)	Currently, the UNEA serves as the world's highest leading environmental authority for the global environmental agenda. During the first UNEA, Ministers and Heads of Delegation commit to ensure the full integration of the environmental dimension, especially throughout the sustainable development agenda; promote sustainable consumption and production patterns; prevent, combat and eradicate the illegal trade in wildlife and wildlife products; address climate change; halt biodiversity loss and combat desertification; and ensure the full implementation of Multilateral Environmental Agreements and other international and regional environmental commitments.*	First assembly: 23-27 June 2014 Second assembly: 04-06 December 2016
Putrajaya Declaration of Regional Cooperation for the Sustainable Development of the Seas of East Asia	The Putrajaya Declaration of Regional Cooperation for the Sustainable Development of the Seas of East Asia represents a paradigm shift in management approach that focuses on the interactions between environment and development and addresses issues and impacts across sectoral, administrative, and legal boundaries that are constraints and bottlenecks for sustainable development in the East Asian Seas Region.[2]	Date of signature: 12 December 2013
Convention on Nuclear Safety	The Convention on Nuclear Safety is an incentive-based instrument that commits States operating nuclear power plants to establish and maintain a regulatory framework to govern the safety of nuclear installations.[3]	Date of signature: 14 October 2013
Minamata Convention	The Minamata Convention on Mercury is a global treaty to protect human health and the environment from the adverse effects of mercury.*	Date of signature: 10 October 2013
Convention on the Prevention of Marine Pollution by Dumping Wastes and Other Matter, or London Convention	The Convention on the Prevention of Marine Pollution by Dumping Wastes and Other Matter contributes to the international control and prevention of marine pollution by prohibiting the dumping of certain hazardous materials.[4]	Date of accession: 09 May 2012 Date of entry into force: 08 June 2012
ASEAN Cooperation Plan on Transboundary Pollution	The ASEAN Cooperation Plan on Transboundary Pollution aims to prevent and monitor transboundary haze pollution as a result of land and/or forest fires which should be mitigated, through concerted national efforts and intensified regional and international co-operation.[5]	Date of ratification/ approval: 01 February 2010 Date of deposit of instrument of ratification/ approval with the Secretary General of ASEAN: 04 March 2010
Convention on Cluster Munitions	The Convention on Cluster Munitions is an international treaty that addresses the humanitarian consequences and unacceptable harm to civilians caused by cluster munitions, through a categorical prohibition and a framework for action.[6]	Date of signature: 03 December 2008
International Treaty on Plant Genetic Resources for Food and Agriculture	The International Treaty on Plant Genetic Resources for Food and Agriculture seeks to ensure that plant genetic resources of economic and/or social interest, particularly for agriculture, will be explored, preserved, evaluated and made available for plant breeding and scientific purposes.[7]	Date of accession: 28 September 2006
Rotterdam	The objective of this Convention is to promote shared responsibility and cooperative efforts among Parties in the international trade of certain hazardous chemicals in order to protect human health and the environment from potential harm and to contribute to their environmentally sound use, by facilitating information exchange about their characteristics, by providing for a national decision-making process on their import and export and by disseminating these decisions to Parties.*	Date of ratification: 31 July 2006 Date of entry into force: 29 October 2006

Continued

Table 6.4
LIST AND DESCRIPTION OF MULTILATERAL ENVIRONMENTAL AGREEMENTS AND OTHER GLOBAL ENVIRONMENTAL CONVENTIONS *(continued)*

Multilateral Environmental Agreements/ Global Environmental Conventions	Basic Objective	Date of Signature, Ratification/Approval/ Accession/Adoption, and Entry into Force
Amendment to the Montreal Protocol on Substances that Deplete the Ozone Layer	The Montreal Protocol on Substances that Deplete the Ozone Layer was designed to reduce the production and consumption of ozone depleting substances in order to reduce their abundance in the atmosphere, and thereby protect the earth's fragile ozone layer.*	Date of ratification: 23 May 2006
International Convention for the Prevention of Pollution from Ships, or MARPOL	The International Convention for the Prevention of Pollution from Ships is the main international convention covering prevention of pollution of the marine environment by ships from operational or accidental causes.[8]	Date of deposit of instrument: 15 June 2001 Date of entry into force: 15 September 2001
Stockholm Convention	The objective of the Stockholm Convention is to protect human health and the environment from persistent organic pollutants.*	Date of adoption: 23 May 2001 Date of ratification: 27 February 2004 Dateof entry into force: 27 May 2004
Cartagena Protocol on Biosafety	The Cartagena Protocol on Biosafety to the Convention on Biological Diversity is an international treaty governing the movements of living modified organisms resulting from modern biotechnology from one country to another. It was adopted on 29 January 2000 as a supplementary agreement to the Convention on Biological Diversity and entered into force on 11 September 2003.[9]	Date of signature: 25 May 2000 Date of ratification: 05 October 2006 Date of entry into force: 03 January 2007
United Nations Forum on Forests (UNFF)	The main objective of the UNFF is to promote the management, conservation and sustainable development of all types of forests and strengthen long-term political commitment.*	Year of establishment: 2000
Hanoi Plan of Action	The Hanoi Action Plan aims to strengthen ASEAN's cooperation and joint approaches in addressing issues and problems affecting trade in the region's food, agriculture and forestry products including environment and labour issues.[10]	Date of adoption: 15 December 1998
Kyoto Protocol	The objective of the Kyoto Protocol is to reduce global greenhouse gas emissions by at least 5% in comparison to the base year of 1990, during the commitment period from 2008 to 2012.*	Date adopted: 11 December 1997 Date of signature: April 1998 Date of ratification: 20 November 2003 Date of entry into force: 16 February 2005 First Commitment Period: 2008-2012 Second commitment period: 2013-2020

Continued

Table 6.4
LIST AND DESCRIPTION OF MULTILATERAL ENVIRONMENTAL AGREEMENTS AND OTHER GLOBAL ENVIRONMENTAL CONVENTIONS *(continued)*

Multilateral Environmental Agreements/ Global Environmental Conventions	Basic Objective	Date of Signature, Ratification/Approval/ Accession/Adoption, and Entry into Force
Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency, or Assistance Convention	The Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency sets out an international framework for cooperation among States Parties and with the International Atomic Energy Agency to facilitate prompt assistance and support in the event of nuclear accidents or radiological emergencies.[11]	Date of accession: 05 May 1997 Date of entry into force: 05 June 1997
Convention on Early Notification of a Nuclear Accident, or Notification Convention	The Convention on Early Notification of a Nuclear Accident establishes a notification system for nuclear accidents which have the potential for international transboundary release that could be of radiological safety significance for another State.[12]	Date of deposit: 05 May 1997 Date of entry into force: 05 June 1997
Comprehensive Test Ban Treaty	The Comprehensive Test Ban Treaty aims to achieve the discontinuance of all test explosions of nuclear weapons for all time, to continue negotiations to this end, and to put an end to the contamination of man's environment by radioactive substances.[13]	Date of signature: 24 September 1996 Date of ratification: 23 February 2001
Convention to Combat Desertification	The Convention to Combat Desertification is the sole legally binding international agreement linking environment and development to sustainable land management. CCD addresses specifically the arid, semi-arid and dry sub-humid areas, known as the drylands, where some of the most vulnerable ecosystems and peoples can be found.[14]	Date of signature: 08 December 1994 Date of ratification: 10 February 2000
Convention on Wetlands of International Importance, or Ramsar Convention	The Ramsar Convention on Wetlands of International Importance is an intergovernmental treaty that provides the framework for national action and international cooperation for the conservation and wise use of wetlands and their resources.[15]	Date of entry into force: 08 November 1994
Convention on the Conservation of Migratory Species of Wild Animals, or Bonn Convention	The Convention on the Conservation of Migratory Species of Wild Animals provides a global platform for the conservation and sustainable use of migratory animals and their habitats. CMS brings together the States through which migratory animals pass, the Range States, and lays the legal foundation for internationally coordinated conservation measures throughout a migratory range.[16]	Date of ratification: 01 February 1994
Basel Convention	Below are the objectives of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal:* -Effective implementation of parties' obligations on transboundary movements of hazardous and other wastes - Strengthening the environmentally sound management of hazardous and other wastes - Strengthening the environmentally sound management of hazardous and other wastes	Date of ratification: 21 October 1993 Date of entry into force: 19 January 1994
Chemical Weapons Convention	The Chemical Weapons Convention aims to eliminate an entire category of weapons of mass destruction by prohibiting the development, production, acquisition, stockpiling, retention, transfer or use of chemical weapons by States Parties. States Parties, in turn, must take the steps necessary to enforce that prohibition in respect of persons (natural or legal) within their jurisdiction.[17]	Date of signature: 13 January 1993 Date of ratification: 11 December 1996 Date of entry into force: 29 April 1997
Convention on Biological Diversity	The Convention on Biological Diversity entered into force on 29 December 1993. It has three main objectives: (1) the conservation of biological diversity; (2) the sustainable use of the components of biological diversity; and (3) the fair and equitable sharing of the benefits arising out of the utilization of genetic resources.[18]	Date of signature: 12 June 1992 Date of ratification: 08 October 1993

Continued

Table 6.4
LIST AND DESCRIPTION OF MULTILATERAL ENVIRONMENTAL AGREEMENTS AND OTHER GLOBAL ENVIRONMENTAL CONVENTIONS *(continued)*

Multilateral Environmental Agreements/ Global Environmental Conventions	Basic Objective	Date of Signature, Ratification/Approval/ Accession/Adoption, and Entry into Force
United Nations Framework Convention on Climate Change (UNFCC)	The ultimate objective of the Convention is to stabilize greenhouse gas concentrations "at a level that would prevent dangerous anthropogenic (human induced) interference with the climate system." It states that "such a level should be achieved within a time-frame sufficient to allow ecosystems to adapt naturally to climate change, to ensure that food production is not threatened, and to enable economic development to proceed in a sustainable manner.*	Date of adoption: 09 May 1992 Date of entry into force: 31 October 1994 Date of ratification: 02 August 1994
Vienna Convention for the Protection of the Ozone Layer	The Convention aims for Parties to promote cooperation via systematic observations, research and information exchange on the effects of human activities on the ozone layer and to adopt legislative or administrative measures to deal with activities likely to have adverse effects on the ozone layer. Legally binding reduction goals for the use of Chlorofluorocarbons (CFCs) for the Vienna Convention are laid out in the accompanying Montreal Protocol.*	Year of adoption: 1985 Date of ratification: 19 July 1991
Kuala Lumpur Accord on Environment and Development	The Kuala Lumpur Accord on Environment and Development aims to initiate efforts leading towards concrete steps pertaining to environmental management and natural resource management, and to initiate efforts enabling the inclusion of environmental factors into economic calculations and thus providing a better base for international economic cooperation.[19]	Year of adoption: 1985 'Date of signature: 19 June 1990
Montreal Protocol	The Montreal Protocol on Substances that Deplete the Ozone Layer was designed to reduce the production and consumption of ozone depleting substances in order to reduce their abundance in the atmosphere, and thereby protect the earth's fragile ozone Layer.*	Date of adoption: 16 September 1987 Date of ratification: 17 July 1991
International Tropical Timber Organization (ITTO)	The International Tropical Timber Agreement (ITTA) was negotiated to provide an effective framework for cooperation and consultation between countries producing and consuming tropical timber, and promote and support research and development to improve forest management and wood utilization.*	Year of establishment: 1983
United Nations Convention on the Law of the Sea	The United Nations Convention on the Law of the Sea is the most comprehensive attempt at creating a unified regime for governance of the rights of nations with respect to the world's oceans. The treaty addresses a number of topics including navigational rights, economic rights, pollution of the seas, conservation of marine life, scientific exploration, and piracy.	Date of signature: 10 December 1982 Date of ratification: 08 May 1984
Convention on the International Trade in Endangered Species of Wild Flora and Fauna	The Convention on International Trade in Endangered Species of Wild Fauna and Flora is an international agreement between governments that aims is to ensure that international trade in specimens of wild animals and plants does not threaten their survival.[21]	Date of ratification: 18 August 1981 Date of entry into force: 16 November 1981
Convention on Certain Conventional Weapons	The purpose of the Convention on Certain Conventional Weapons is to ban or restrict the use of specific types of weapons that are considered to cause unnecessary or unjustifiable suffering to combatants or to affect civilians indiscriminately.[22]	Date of signature: 15 May 1981 Date of ratification: 15 July 1996
Protocol for the Prohibition of the Use in War of Asphyxiating, Poisonous or other Gases, and of Bacteriological Methods of Warfare, or Geneva Protocol	The Protocol for the Prohibition of the Use in War of Asphyxiating, Poisonous or other Gases, and of Bacteriological Methods of Warfare prohibits the use in war of asphyxiating, poisonous, or other gases, and of bacteriological methods of warfare.[23]	Date of accession: 08 June 1973

Continued

Table 6.4
LIST AND DESCRIPTION OF MULTILATERAL ENVIRONMENTAL AGREEMENTS AND OTHER GLOBAL ENVIRONMENTAL CONVENTIONS *(concluded)*

Multilateral Environmental Agreements/ Global Environmental Conventions	Basic Objective	Date of Signature, Ratification/Approval/ Accession/Adoption, and Entry into Force
Biological Weapons Convention, or Convention on the Prohibition of the Development, Production and Stockpiling of Bacteriological [Biological] and Toxin Weapons and on their Destruction	The Biological Weapons Convention was the first multilateral disarmament treaty to ban the production and use of an entire category of weapons. It entered into force on 26 March 1975.[24]	Date of ratification: 21 June 1972 Date of deposition: 23 May 1973
FAO Committee on Forestry (COFO)	The Food and Agriculture Organization of the United Nations created the Committee on Forestry (COFO) as one of its governing bodies to fulfill its goal of providing food security for everyone. It gathers 138 countries in biennial session at the FAO Headquarters in Rome, Italy. It brings together senior government officials and heads of different forest services to review international forestry problems, identify emerging policy and technical issues, provide possible solutions, and advise FAO on appropriate action.*	First session: May 1972
Convention on Civil Liability for Nuclear Damage	The Convention on Civil Liability for Nuclear Damage provides for absolute liability for nuclear damage; that is, liability for nuclear damage is incurred regardless of whether the operator was or was not at fault or responsible for the damage.[25]	Date of signature: 21 May 1963 Date of ratification: 15 November 1965 Date of entry into force: 12 November 1977
International Hydrographic Organization (IHO)	The International Hydrographic Organization (IHO) is an intergovernmental consultative and technical organization established to support safety of navigation and the protection of the marine environment. It aims to coordinate activities of national hydrographic offices to ensure uniform nautical charts and documents, promote adoption of reliable and efficient methods of carrying out and exploiting hydrographic surveys and develop the sciences in the field of hydrography and the techniques employed in descriptive oceanography.*	Year of establishment: 1921 Year of enter into force: 1970

Sources:
*Department of Environment and Natural Resources
[2] http://www.pemsea.org/sites/default/files/putrajaya-declaration.pdf
[3] http://www.nti.org/treaties-and-regimes/convention-nuclear-safety/
[4] http://www.imo.org/About/Conventions/ListOfConventions/Pages/Convention-on-the-Prevention-of-Marine-P
[5] http://haze.asean.org/?wpfb_dl=32
[6] http://www.clusterconvention.org/
[7] http://www.fao.org/waicent/faoinfo/agricult/cgrfa/IU.htm
[8] http://www.imo.org/About/Conventions/ListOfConventions/Pages/International-Convention-for-the-Prevention
[9] http://bch.cbd.int/protocol/background/
[10] http://www.asean.org/news/item/hanoi-plan-of-action
[11] http://www.iaea.org/publications/documents/treaties/convention-assistance-case-nuclear-accident-or-radiological-emergency
[12] http://www.iaea.org/publications/documents/treaties/convention-early-notification-nuclear-accident
[13] http://disarmament.un.org/treaties/t/test_ban/text
[14] http://www.unccd.int/en/about-the-convention/Pages/About-the-Convention.aspx
[15] http://www.ramsar.org/
[16] http://www.cms.int/en/legalinstrument/cms
[17] http://www.opcw.org/chemical-weapons-convention/
[18] http://www.cbd.int/intro/default.shtml
[19] http://environment.asean.org/the-kuala-lumpur-accord-on-environment-and-development-issued-by-the-ase
[21] http://cites.org/eng/disc/what.php
[22] http://www.unog.ch/80256EE600585943/(httpPages)/4F0DEF093B4860B4C1257180004B1B30
[23] http://www.un.org/disarmament/WMD/Bio/pdf/Status_Protocol.pdf
[24] http://www.unog.ch/80256EE600585943/(httpPages)/04FBBDD6315AC720C1257180004B1B2F
[25] http://www.iaea.org/publications/documents/conventions/vienna-convention-on-civil-liability-for-nuclear-damage

Annex

Core Set (Tier 1) of Environment Statistics

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Component 1: Environmental Conditions and Quality				
Sub-component 1.1: Physical Conditions				
Topic 1.1.1: Atmosphere, climate and weather	a. Temperature **1. Monthly averages** **2. Minimum monthly average** **3. Maximum monthly average** b. Precipitation (also in 2.6.1.a) **1. Annual averages** **2. Long-term annual averages**	 Degrees Degrees Degrees Height Height	▪ National ▪ Sub-national	• World Meteorological Organization (WMO) ▪ Intergovernmental Panel on Climate Change (IPCC) ▪ National Oceanic and Atmospheric Administration (NOAA)/National Aeronautics and Space Administration (NASA)
Topic 1.1.2: Hydrographical characteristics	d. Watersheds **1. Description of main watersheds**	 Area, Descriptive, Location	▪ By watershed /river basin ▪ National ▪ Sub-national	• United Nations Statistics Division (UNSD): International Recommendations for Water Statistics (IRWS) ▪ UN-Water
Topic 1.1.3: Geological and geographical information	a. Geological, geographical and geomorphological conditions of terrestrial areas and islands **2. Area of country or region** b. Coastal waters (includes area of coral reefs, mangroves, etc.) (also in 2.3.1.c) c. Length of marine coastline d. Coastal area	 Area, Location Area, Descriptive, Location Length Area	▪ National	• UNSD: Demographic Yearbook ▪ UN Food and Agriculture Organization (FAO) ▪ Center for International Earth Science Information Network (CIESIN)
Topic 1.1.4: Soil characteristics	a. Soil characterization 1. Area by soil types b. Soil Degradation **1. Area affected by soil erosion** 2. Area affected by desertification	 Area Area Area	▪ By location ▪ By soil type ▪ National ▪ Sub-national	• FAO and the International Institute for Applied Systems Analysis (IIASA) Harmonized World Soil Database ▪ International Soil Reference and Information Centre (ISRIC) World Data Centre for Soils ▪ UN Convention to Combat Desertification (UNCCD) ▪ FAO Global Assessment of Human-induced Soil Degradation (GLASOD)

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Sub-component 1.2: Land Cover, Ecosystems and Biodiversity				
Topic 1.2.1: Land cover	**a. Area under land cover categories**	Area, Location	• By type of land cover (e.g., artificial surfaces inc. & associated areas; herbaceous crops; woody crops; multiple or layered crops; grassland; tree covered areas; mangroves; shrub covered areas; shrubs and/or herbaceous vegetation, aquatic or regularly flooded; sparsely natural vegetated areas; terrestrial barren land; permanent snow & glaciers; inland water bodies; & coastal water bodies & intertidal areas) • National & Subnational	• FAO Land Cover Classification System ▪ System of Environmental-Economic Accounting (SEEA) Central Framework (2012) land cover categories ▪ European Environment Agency (EEA)
Topic 1.2.2: Ecosystems & biodiversity	a. General ecosystem characteristics, extent and pattern **1. Area of ecosystems** c. Biodiversity **1. Known flora and fauna species** d. Protected Areas and Species **1. Protected terrestrial and marine area (also in 1.2.3.a)**	Area, Location Number Number, Area	▪ By ecosystem (e.g., forest, cultivated, dryland, coastal, marine, urban, polar, inland water, island mountain)(b) ▪ By status category (e.g. extinct, extinct in the wild, threatened, near threatened, least concern) ▪ By class (e.g., mammals, fishes, birds, reptiles) ▪ National ▪ Sub-national • By management category ▪ By status category	• Millennium Ecosystem Assessment ▪ UN Convention on Biological Diversity (UNCBD) ▪ UNECE Standard Statistical Classification of Flora, Fauna and Biotopes (1996) ▪ The International Union for the Conservation of Nature (IUCN) Red List of Threatened Species ▪ Convention on Wetlands of International Importance, especially as Waterfowl Habitat (The Ramsar Convention) ▪ FAO FISHSTAT (Species population and number of invasive alien species) ▪ IUCN Protected Area Mamagement Categories ▪ UNSD: Millennium Development Goal (MDG) Indicator 7.6 Metadata

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Topic 1.2.3: Forest	a. Forest area **1. Total**	Area	• By forest type ▪ National ▪ Sub-national ▪ By dominant tree species ▪ By ownership category	• FAO Global Forest Resources Assessment (FRA) ▪ UN Forum on Forests (UNFF) Monitoring, Assessment and Reporting (MAR) ▪ UNSD: MDG Indicator 7.1 Metadata ▪ Montreal Process (Working Group on Criteria and Indicators for the Convention and Suitable Management of Temperate and Borreal Forests) ▪ State of Europe's Forests (Forest Europe/UNECE-FAO Forest and Timber Section) • IUCN Protected Area Management Categories
Topic 1.3.1: Air Quality	a. Local air quality **1. Concentration level of particulate matter (PM10)** **2. Concentration level of particulate matter (PM2.5)** **3. Concentration level of tropospheric ozone (O3)** **4. Concentration level of carbon monoxide (CO)** **5. Concentration level of sulphur dioxided (SO2)** **6. Concentration levels of nitrogen oxides (NOx)**	Concentration Concentration Concentration Concentration Concentration Concentration	▪ By point measurement ▪ Sub-national ▪ Daily maximum ▪ Monthly maximum and average ▪ Yearly maximum and average	▪ WHO Air Quality Guidelines-Global Update 2005, Particulate matter, ozone, nitrogen dioxide and sulfur dioxide ▪ WHO Air quality guidelines for particulate matter, ozone, nitrogen dioxide and sulfur dioxide, Global Update 2005, Summary of risk assessment ▪ UNCE Standard Statistical Classification of Ambient Air Quality (1990)

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Sub-component 1.3: Environmental Quality				
Topic 1.3.2: Freshwater quality	a. Nutrients and chlorophyll **1. Concentration level of nitrogen** 2. Concentration level of phospohorous b.Organic matter **1. Biochemical oxygen demand (BOD)** c. Pathogens **1. Concetration levels of fecal coliforms**	Concentration Concentration Concentration Concentration	• By water body • By watershed/ river basin • By surface or groundwater • By point measurement • By type of water resource	• UNECE Standard Statistical Classification of Freshwater Quality for the Maintenance of Aquatic Life (1992) ▪ UN Environment Programme (UNEP) Global Environment Monitoring System - Water (GEMS-Water) ▪ WHO
Topic 1.3.3: Marine water quality	a. Nutrients and chlorophyll 1. Concentration level of nitrogen 2. Concentration level of phospohorous b. Organic matter 1. Biochemical oxygen demand (BOD) g. Coral bleaching 1. Area affected by coral bleaching	Concentration Concentration Concentration Area	• By coastal zone, delta, estuary or other local marine environment • Sub-national • National • Supranational • By point measurement • water resources	• UNECE Standard Statistical Classification of Marine Water Quality (1992) • NOAA/NASA • UNEP Regional Seas Programme
Component 2: Environmental Resources and their Use				
Sub-component 2.1: Mineral Resources				
Topic 2.1.1: Stocks and changes of mineral resources	a. Mineral resources **1. Stocks of commercially recoverable resources** **5. Extraction**	Mass, Volume Mass, Volume	• By mineral (e.g. metal ores including precious metals and rare earths, coal, oil, gas, stone, sand and clay, chemical and fertilizer minerals, salt, gemstones, abrasive minerals, graphite, asphalt, natural soilid bitumen, quartz, mica) ▪ National ▪ Sub-national	• United Nations Framework Classification for Energy and Mineral Resources (UNFC 2009) • SEEA Central Framework (2012) asset and physical flow accounts • International Standard Classification of All Economic Activities (ISIC) Rev. 4, Section B, Divisions 05-09

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Sub-component 2.2: Energy Resources				
Topic 2.2.1: Stocks and changes of energy resources	a. Energy resources **1. Stocks of commercially recoverable resources** **5. Extraction**	Mass, Volume Mass, Volume	▪ By resource (e.g., natural gas, crude oil and natural gas liquids, oil shale and extra heavy oil (includes oil extracted from oil sands), coal and lignite, peat, non-metallic minerals except for coal or peat, uranium and thorium ores) ▪ National ▪ Sub-national	▪ UNSD: International Recommendations for Energy Statistics (IRES) ▪ International Energy Agency (IEA) Energy Statistics Manual • SEEA Central Framework (2012) asset and physical flow accounts • UNFC 2009 • ISIC Rev. 4, Section B, Divisions 05-09 • HS 2012, Section V, Chapter 27
Topic 2.2.2: Production, trade and consumption of energy	a. Production of energy **1. Total production** **2. Production from non-renewable sources** **3. Production from renewable sources** **4. Primary energy production** **7. Secondary energy production** **b. Total Energy Supply** **c. Final consumption of energy**	Energy unit, Mass, Volume Energy unit, Mass, Volume Energy unit, Mass, Volume Energy unit, Mass, Volume Energy unit, Mass, Volume Energy unit, Mass, Volume Energy unit, Mass, Volume	• By non-renewble resources (e.g., petroleum, natural gas, coal, nuclear fuels, non-sustainble firewood, waste, other non-renewables) • By renewable resource (e.g., solar, hydroelectric, geothermal, tidal action, wave action, marine, wind, biomass) • National • Sub-national • By primary energy resource (e.g., petroleum, natural gas, coal, hydroenergy, geothermal, nuclear fuels, cane products, other primary) • By secondary energy resource (e.g., electricity, liquified petroleum gas, gasoline/alcohol, kerosene, diesel oil, fuel oil, coke, charcoal, gases, other secondary) • National • Sub-national • By energy product • By households • By ISIC economic activity • By tourists • National • Sub-national	• UNSD: IRES • IEA Energy Statistics Manual • Joint Wood Energy Enquiry (UNECE-FAO Forestry and Timber Section)

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Sub-component 2.3: Land				
Topic 2.3.1: Land use	**a. Area under land use categories**	Area	• By type of land use (e.g., agriculture; forestry; land used for aquaculture; use of built-up and related areas; land used for maintenance and restoration of environmental functions; other uses of land not elsewhere classified; land not in use; inland waters used for aquaculture or holding facilities; inland waters used for maintenace and restoration of environmental functions; other uses of inland waters not elsewhere classified, inland water not in use; coastal waters (including area of coral reefs and mangroves); Exclusive Economic Zone (EEZ)) • National • Sub-national	▪ FAO ▪ UNECE Standard Classification of Land Use (1989) ▪ SEEA Central Framework (2012) Annex 1
Topic 2.3.2: Use of forest land	a. Use of forest land 1. Area deforested	 Area	 • By forest type • National • Sub-national • By dominant tree species	• FAO FRA • UNFF MAR • UNSD: MDG Indicator 7.1 Metadata • Montreal Process (Working Group on Criteria and Indicators for the Conservation and Sustainable Management of Temperate and Borreal Forests) • State of Europe's Forests (Forest Europe/UNECE-FAO Forestry and Timber Section)

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Sub-component 2.5: Biological Resources				
Topic 2.5.1: Timber resources	a. Timber resources 1. Stocks of timber resources	Volume	▪ By type (e.g., natural or planted) ▪ National ▪ Sub-national	▪ SEEA Central Framework (2012) ▪ FAO FRA ▪ State of Europe's Forests (Forest Europe/UNECE-FAO Forestry and Timber Section) ▪ UNECE/FAO Joint Working Party on Forest Statistics, Economics and Management ▪ ISIC Rev. 4, Section A, Division 02 ▪ FAOSTAT database
Topic 2.5.2: Aquatic resources	**a. Fish capture production** **b. Aquaculture production**	Mass Mass	▪ By relevant freshwater and marine species ▪ National ▪ Sub-national	▪ FAO Internationa Statdard Statistical Classification of Aquatic Animals and Plants (ISSCAAP) ▪ ISIC Rev. 4, Section A, Division 03 ▪ The United Nations Convention on the Law of the Sea (UNCLOS) ▪ UNSD: MDG Indicator 7.4 Metadata ▪ HS 2012, Section I, Chapter 03 ▪ SEEA Central Framework (2012)
Topic 2.5.3: Crops	a. Main annual and perennial crops **1. Area planted** **2. Area harvested** **3. Amount produced** b. Amount used of: 1. Natural fertilizers (e.g., manure, compost, lime) **2. Chemical fertilizers** 3. Pesticides	 Area Area Area Area, Mass, Volume Area, Mass, Volume Area, Mass, Volume	▪ By crop ▪ By size ▪ National ▪ Sub-national ▪ By type of fertilizer ▪ By type of pesticide ▪ By crop ▪ National ▪ Sub-national	▪ FAO Indicative Crop Classification (for 2010 round of agricultural censuses) ▪ FAO/WHO Specifications for Pesticides (2010) ▪ FAO Specifications for Commonly Used Ferilizers (2009) ▪ ISIC Rev. 4, Section A, Division I ▪ FAOSTAT database ▪ HS 2012, Section II
Topic 2.5.4: Livestock	a. Livestock **1. Number of live animals**	Number	▪ By type of animal ▪ National ▪ Sub-national	▪ FAOSTAT database ▪ ISIC Rev. 4, Section A, Division 1 ▪ HS 2012 Section 1, Chapter 01

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Sub-component 2.6: Water Resources				
Topic 2.6.1: Water resources	a. Inflow of water to inland water resources **1. Precipitation (also in 1.1.1.b)** 2. Inflow from neighbouring territories b. Outflow of water from inland water resources **1. Evapotranspiration**	 Volume Volume Volume	▪ National ▪ Sub-national ▪ By territory of origin and destination	▪ UNSD: IRWS ▪ UNECE Standard Statistical Classification of Water Use (1989) ▪ UNSD: MDG Indicator 7.5 Metadata ▪ FAO AQUASTAT ▪ SEEA Central Framework (2012) Asset accounts ▪ SEEA Water ▪ UNSD: Environment Statistics Section - Water Questionnaire
Topic 2.6.2: Abstraction, use and returns of water	**a. Total water abstraction** **b. Water abstraction from surface water** c. Water abstraction from groundwater **1. From renewable groundwater resources** **2. From non-renewable**	Volume Volume Volume Volume	▪ By type of source ▪ National ▪ Sub-national	▪ UNSD: IRWS ▪ UNECE Standard Statistical Classification of Water Use (1989) ▪ FAO AQUASTAT ▪ SEEA Central Framework (2012) ▪ SEEA Water ▪ UNSD: Environment Statistics Section - Water Questionnaire
Component 3: Residuals				
Sub-component 3.1: Emissions to Air				
Topic 3.1.1: Emissions of greenhouse gases	a. Total emissions of direct greenhouse gases (GHGs), by gas: **1. Carbon dioxide (CO_2)** **2. Methane (CH_4)** **3. Nitrous oxide (N_2O)** b. Total emissions of indirect greenhouse gases (GHGs), by gas: **1. Sulphur dioxide (SO_2)** **2. Nitrogen oxides (NO_x)**	 Mass Mass Mass Mass Mass	▪ By ISIC economic activity ▪ By tourists ▪ National ▪ Sub-national ▪ By IPCC source categories	▪ IPCC Emission Factor Database ▪ UN Framework Convention on Climate Change (UNFCCC) Reporting Guidelines) ▪ UNECE Standard Statistical Classification of Ambient Air Quality (1990) ▪ UNSD: MDG Indicator 7.2 Metadata ▪ WHO
Sub-component 3.2: Generation and Management of Wastewater				
Topic 3.2.1: Generation and pollutant content of wastewater	**a. Volume of wastewater generated**	Volume	▪ By ISIC economic activity ▪ By tourist ▪ National ▪ Sub-national	▪ UNSD: IRWS ▪ ISIC Rev. 4, Section E, Division 35-37 ▪ SEEA Water ▪ UNSD: Environment Statistics Section - Water Questionnaire

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Topic 3.2.2: Collection and treatment of wastewater	**a. Volume of wastewater collected** **b. Volume of wastewater treated**	Volume Volume	▪ National ▪ Sub-national ▪ By treatment type (e.g., primary, secondary, tertiary) ▪ National ▪ Sub-national	▪ UNSD: IRWS ▪ ISIC Rev. 4, Section E, Division 35 and 36 ▪ UNSD: Environment Statistics Section - Water Questionnaire
Topic 3.2.3: Discharge of wastewater to the environment	a. Wastewater discharge **1. Total volume of wastewater discharged to the environment after treatment** **2. Total volume of wastewater discharged to the environment without treatment**	Volume Volume	▪ By treatment type (e.g., primary, secondary, tertiary) ▪ By recipient (e.g., surface water, groundwater, wetland, sea, soil) ▪ By ISIC economic activity ▪ National ▪ Sub-national ▪ By source (point / non-point source)	
Sub-component 3.3: Generation and Management of Waste				
Topic 3.3.1: Generation of waste	**a. Amount of waste generated by economic activity** **c. Amount of hazardous waste generated**	Mass Mass	▪ By ISIC economic activity ▪ By households ▪ By tourists ▪ National ▪ Sub-national ▪ By ISIC economic activity ▪ National ▪ Sub-national	▪ European Commission: European List of Waste, pursuant to European Waste Framework Directive ▪ Eurostat: Environmental Data Centre on Waste ▪ Eurostat: European Waste Classification for Statistics (EWC-Stat), version 4 (Waste categories) ▪ Basel Convention: Waste categories and hazardous characteristics ▪ Eurostat: Manual on Waste Statistics ▪ Eurostat: Guidance on classification of waste according to EWC-Stat categories ▪ SEEA Central Framework (2012) ▪ UNSD: Environment Statistics Section - Waste Questionnaire

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Topic 3.3.2: Management of waste	a. Municipal waste **1. Total municipal; waste collected** **2. Amount of municipal waste treated by type of treatment and disposal** **3. Number of municipal waste treatment and disposal facilities** b. Hazardous waste **1. Total hazardous waste collected** **2. Amount of hazardous waste treated by type of treatment** **3. Number of hazardous waste treatment and disposal facilities**	Mass Mass Number Mass Mass Number	▪ By type of treatment or disposal (e.g., recycling, composting, incineration, landfilling) ▪ By type of waste, when possible ▪ National ▪ Sub-national	•Eurostat: Data Centre on Waste ▪ Eurostat metadata: Organization for Economic Cooperation and Development (OECD)/Eurostat definition of municipal waste ▪ UNSD: Environment Statistics Section – Waste Questionnaire ▪ Basel Convention: Waste categories and hazardous characteristics ▪ Eurostat: European Waste Classification for Statistics, version 4 (Waste categories) ▪ European Commission: European Waste Framework Directive (Waste treatment operations) ▪ Eurostat: Manual on Waste Statistics ▪ Eurostat: Guidance on classification of waste according to EWC-Stat categories ▪ Rotterdam Convention
Component 4: Extreme Events and Disasters				
Sub-component 4.1: Natural Extreme Events and Disasters				
Topic 4.1.1: Occurrence of natural extreme events and disasters	a. Occurrence of natural extreme event and disasters **1. Type of natural extreme event and disaster (geophysical, meteorological, hydrological, climatological, biological.** **2. Location** **3. Magnitude**	Descriptive Location Intensity	▪ By event ▪ National ▪ Sub-national	• Centre for Research on the Epidemiology of Disasters Emergency Events Database (CRED EM-DAT) ▪ Economic Commission for Latin America and the Caribbean (UNECLAC) Handbook for Estimating the Socio-economic and Environmental Effects of Disasters ▪ The United Nations Office for Disaster Risk Reduction (UNISDR)

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Topic 4.1.2: Impact of natural extreme events and disasters	a. People affected by natural extreme events and disasters **1. Number of people killed** **b. Economic loss due to natural extreme events and disasters (e.g., damage to buildings, transportation networks, loss of revenue for businesses, utility disruption, etc.)**	Number Currency	▪ By event ▪ By ISIC economic activity ▪ National ▪ Sub-national ▪ By direct and indirect damage	
Component 5: Human Settlements and Environmental Health				
Sub-component 5.1: Human Settlements				
Topic 5.1.2: Access to selected basic services	**a. Population using an improved drinking water source** **b. Population using an improved sanitation facility** c. Population served by municipal waste collection e. Population connected to wastewater treatment f. Population supplied by water supply industry	Number Number Number Number	•Urban ▪ Rural ▪ National ▪ Sub-national ▪ By treatment type (e.g., primary, secondary, tertiary) ▪ National ▪ Sub-national ▪ National ▪ Sub-national	•UNSD: MDG Indicator 7.8 and 7.9 Metadata ▪ UN-Water ▪ UNSD: Environment Statistics Section – Water and Waste Questionnaire ▪ WHO/UNICEF Joint Monitoring Programme for Water Supply and Sanitation ▪ UNSD: IRWS ▪ ISIC Rev. 4, Section E, Division 35-37 ▪ UNSD: Environment Statistics Section-Water Questionnaire
Topic 5.1.5: Environmental concerns specific to urban settlements	**c. Number of private and public vehicles**	Number	By type of engine or type of fuel	• UN Habitat ▪ WHO ▪ UNEP Urban Environment Unit
Sub-component 5.2: Environmental Health				
Topic 5.2.2: Water-related diseases and conditions	**a. Water-related diseases and conditions** 1. Incidence **2. Prevalence** **3. Mortality**	 Number Number Number	▪ By disease or condition ▪ National ▪ Sub-national ▪ Urban and rural ▪ By gender ▪ By age group ▪ By time period	▪ WHO
Topic 5.2.3: Vector borne diseases	**a. Vector borne diseases** 1. Incidence **2. Prevalence** **3. Mortality**	 Number Number Number		

Topic	Statistics and Related Information***	Category of Measurement	Potential Aggregations and Scales	Methodological Guidance
Component 6: Environment Protection, Management and Engagement				
Sub-component 6.1: Environment Protection and Resource Management Expenditure				
Topic 6.1.1: Government environmental protection and resource management expenditure	a. Government environmental protection and resource management expenditure **1. Annual government environment protection expenditure**	Currency	▪ By environmental activity ▪ By type of expenditure: current , investment ▪ By ministry ▪ National ▪ Sub-national ▪ By funding	▪ Eurostat-SERIEE Environmental Protection Expenditure Accounts Compilation Guide (2002) ▪ Eurostat-Environmental expenditure Statistics General Government an Specialised Producers Data Collection Handbook (2007) ▪ Classification of Environmental Activities (CEA) ▪ SEEA Central Framework (2012) Annex 1
Sub-component 6.2: Environmental Governance and Regulation				
Topic 6.2.2: Environmental regulation and instruments	**1. List of regulated pollutants and description (e.g., by year of adoption and maximum allowable levels)**	Descriptive, Number	▪ By media (e.g., water, air, land, soil, oceans) ▪ By ISIC economic activity ▪ National ▪ Sub-national	
Topic 6.2.3: Participation in MEAs and environmental conventions	a. Participation in MEAs and other global environmental conventions **1. List and description (e.g., year of participation (d) of country) of MEAs and other global environmental conventions**	Descriptive, Number		▪ MEA Secretariats

*** ***As of 2016, statistics/indicators in bold text are available in this publication***

CLASSIFICATION AND USAGE OF WATER BODIES

FRESHWATER

Classification	Intended Beneficial Use
Class AA	Public Water Supply Class I - Intended primarily for waters having watersheds, which are uninhabited and/or otherwise declared as protected areas, and which require only approved disinfection to meet the latest PNSDW*
Class A	Public Water Supply Class II Intended as sources of water supply requireing conventional treatment (coagulation, sedimentation, filtration and disinfectio) to meet the latest PNSDW)
Class B	Recreational Water Class I - Intended for primary contact recreation (bathing, swimming, etc.)
Class C	1. Fishery Water for the propagation and growth of fish and other aquatic resources 2. Recreational Water Class II - For boathing, fishing, or similar activities 3. For agriculture, irrigation, and livestock watering
Class D	Navigable waters

Note: For unclassified water bodies, classification shall be based on the beneficial use as determined by the Environmental Management Bureau (EMB)

*Philippine National Standards for Drinking Water

Source: DENR Administrative Order No. 2016-08

MARINE WATERS

Classification	Intended Beneficial Use
Class SA	1. Protected Waters - Waters designated as national or local marine parks, reserves, sanctuaries, and other areas established by law (Presidential Proclamation 1801 and other existing laws), and/or declared as such by appropriate government agency, LGUs, etc. 2. Fishery Water Class I - Suitable for shellfish harvesting for direct human consumption
Class SB	1. Fishery Water Class II - Waters suitable for commercial propagation of shellfish and intended as spawning areas for milkfish (*Chanos chanos*) and similar species 2. Tourist Zones - For ecotourism and recreational activities 3. Recreational Water Class I - Intended for primary contact recreation (bathing, swimming, skin diving, etc.)
Class SC	1. Fishery Water Class III - For the propagation and growth of fish and other aquatic resources and intended for commercial and sustenance fishing 2. Recreational Water Class II - For boating, fishing, or similar activities 3. Marshy and/or mangrove areas declared as fish and wildlife sanctuaries
Class SD	Navigable waters

Note: For unclassified water bodies, classification shall be based on the beneficial use as determined by EMB

Source: DENR Administrative Order No. 2016-08

CLASSIFICATION OF HAZARDOUS WASTES

Class	Description	Waste Number
A: Wastes with Cyanide		
Wastes with Cyanide	Waste containing cyanide with concentration > 70 mg/L in liquid waste. Refer to CCO.	A101
B: Acid Wastes		
Sulfuric Acid	Sulfuric acid with pH ≤ 2.0	B201
Hydrochloric Acid	Hydrochloric acid with pH ≤ 2.0	B202
Nitric Acid	Nitric acid with pH ≤ 2.0	B203
Phosphoric Acid	Phosphoric acid with pH ≤ 2.0	B204
Hydrofluoric Acid	Hydrofluoric acid with pH ≤ 2.0	B205
Mixture of sulfuric and hydrochloric acid	Mixture of sulfuric and hydrochloric acid with pH ≤ 2.0	B206
Other inorganic acid	Other inorganic acid with pH ≤ 2.0	B207
Organic acid	Organic acid with pH ≤ 2.0	B208
Other acid wastes	Acid wastes other than B201 to B208 with pH ≤ 2.0	B209
C: Alkali Wastes		
Caustic soda	Caustic soda with pH ≥ 12.5	C301
Potash	Potash with pH ≥ 12.5	C302
Alkaline cleaners	Alkaline cleaners with pH ≥ 12.5	C303
Ammonium hydroxide	Ammonium hydroxide with pH ≥ 12.5	C304
Lime slurries	Lime slurries with pH ≥ 12.5	C305
Other alkali waters	Alkali waste other than C301 to C305 with pH ≥ 12.5	C306
D: Wastes with inorganic Chemicals		
Selenium and its compounds*	Includes all wastes with a total Se concentration > 1 mg/L based on analysis of an extract	D401
Arsenic and its compounds*	Includes all wastes with a total As concentration > 1 mg/L based on analysis of an extract	D402
Barium and its compounds*	Includes all wastes with a total Ba concentration > 70 mg/L based on analysis of an extract	D403
Cadmium and its compounds*	Includes all wastes with a total Cd concentration > 0.3 mg/L based on analysis of an extract	D404
Chromium compounds*	Includes all wastes with a total Cr concentration > 5 mg/L based on analysis of an extract	D405
Lead compounds*	Includes all wastes with a total Pb concentration > 1 mg/L based on analysis of an extract	D406
Mercury and mercury compounds*	Includes all wastes with a total Hg concentration > 0.1 mg/L based on analysis of an extract. These also includes organomercury compounds. Refer to CCO.	D407
Fluoride and its compounds*	Includes all wastes with a total F concentration > 100 mg/L based on analysis on extract	D408
Other wastes with inorganic chemicals	Wastes having as constituents or contaminants any of the following: • Antimony: antimony compounds • Beryllium: beryllium compounds • Tellurium: tellurium compounds • Thallium: thallium compounds • Metal carbonyls • Hexavalent chromium compounds • Copper compounds • Zinc compounds	D499

Class	Description	Waste Number
E: Reactive Chemical Wastes		
Oxidizing agents	Includes all wastes that are known to contain oxidizing agents in concentration that cause the waste to exhibit any of the following properties: • It is normally unstable and readily undergoes violent change without detonating • It reacts violently with water • It forms potentially explosive mixtures with water • When mixed with water, it generates toxic gases, vapor or fumes in a quantity sufficient to present a danger to human health It is a cyanide (CN) or sulfide (S) bearing wastes, which when exposed to pH conditions between 2 and 12.5 can generate toxic gases, vapors and fumes in a quantity that poses a danger to human health	E501
Reducing agents	Includes all wastes that are known to contain reducing agents in concentration that cause the waste to exhibit any of the following properties: • It is normally unstable and readily undergoes violent change without detonating • It reacts violently with water • It forms potentially explosive mixtures with water • When mixed with water, it generates toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health It is a cyanide (CN) or sulfide (S) bearing wastes, which when exposed to pH conditions between 2 and 12.5 can generate toxic gases, vapors and fumes in a quantity that poses a danger to human health	E502
Explosive and unstable chemicals	Includes all wastes that are 1) capable of detonating or explosive reaction when subject to a strong initiating source or when heated under confinement, or 2) capable of detonating or explosive decomposition at temperature of 20°C and pressure of 1 atm	E503
Highly reactive chemicals	Includes all other wastes that exhibit any of the properties described for D501, D502, and D503	E599
F: Inks/Dyes/Pigments/Paint/Resins/Latex/Adhesives/Organic Sludge		
Solvent based	Includes all solvent based wastes that also meet one or more of the subcategories	F601
Inorganic pigments	Includes all wastewater threatment sludge from the production of inorganic pigments	F602
Ink formulation	Includes all solvent washings and sludge, caustic washings and sludge or wastewater and sludge from cleaning of tubs and equipment used in the formulation of ink from pigment, driers, soaps, and stabilizers containing Chromium and Lead.	F603
Resinous materials	Waste resins generated, but not limited to, water purification processes	F604
Other mixed	Other mixtures with above constituents other than aqueous	F699

Class	Description	Waste Number
G: Waste Organic Solvents		
Halogenated organic solvents	Includes but not limited to the following spent halogenated solvents as well as those listed in the Priority Chemical List (PCL): Tetrachloroethylene; Trichloroethylene Methylene chloride; 1,1,2-Trichloroethane; Carbon Tetrachloride; Chlorobenzene; 1,2,2-Trichloroethane; chlorinated fluorocarbons if they contain a total of 10% of more (by volume) of one or more of the above before use; it also includes all still bottoms from recovery of these solvents and solvent mixtures	G703
Non-halogenated organic solvents	Includes, but not limited to the following spent on-halogenated solvents as well as those listed in the Priority Chemical List (PCL): xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl, ketone, n-butyl alcohol, cyclohexanol, methanol, cresol, cresylic acid, nitrobenzene, toluene, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxy ethanol, and 2-nitrpropane and other non-halogenated organic solvents if they contain a total of 10% or more (by volume) of one or more of these solvents before use; it also includes all still bottoms from recovery of these solvents and solvent mixtures	G704
H: Organic Wastes		
Grease wastes	Includes all grease wastes generated from establishments such as industrial, commercial, and institutional facilities	H802
I: Oil		
Used or waste oil	Used industrial oil including sludge	I101
	Vegetableoil including sludge	I102
	Tallow	I103
	Oil-contaminated materials	I104
J: Containers		
Containers previously containing toxic chemical substances	Containers that used to hold hazardous wastes and toxic chemical substances Containers that used to contain polychlorinated biphenyl (PCB) are categorized as L404 and excluded from this sub-category	J201
K: Stabilized Waste		
Solidified wastes	Wastes whose hazardous substances are physically immobilized by consolidaton to reduce the surface area of the wastes in order to meet the waste acceptance criteria of the disposal facility	K301
Chemically fixed and polymerized wastes	Wastes whose hazardous substances are chemically immobilized through chemical bonds to an immobile matrix or chemical conversion to meet the waste acceptance criteria of the disposal facility	K302
Encapsulated wastes	Wastes whose hazardous substances are physically immobilized by enveloping the waste in a non-porous, impermeable material in order to store or dispose of hazardous wastes in a registered disposal facility	K303

Class	Description	Waste Number
L: Organic Chemicals		
Wastes with specific halogenated toxic organic chemicals	Solid organic chemical wastes listed in the Priority Chemical List (PCL)	L401
Wastes with specific non-halogenated toxic organic chemicals	Solid organic chemical wastes listed in the Priority Chemical List (PCL)	L402
Ozone depleting substances (ODS)	All ODS wastes (refer to CCO)	L403
Polychlorinated Biphenyl (PCB) wastes	All PCB wastes (refer to CCO and Memorandum Circular on the Code of Practice for PCB)	L404
M: Miscellaneous Wastes		
Pathological or infectious wastes	Includes healthcare wastes from hospitals, medical centers and clinics containing pathological, pathogenic and infectious wastes, sharps, and others	M501
Asbestos wastes	All asbestos wastes (refer to CCO)	M502
Pharmaceuticals and drugs	Expired pharmaceuticals and drugs stocked at producers and retailers' facilities which contain hazardous constituents harmful to the environment such as antbiotics, veterinary, and phyto pharmaceuticals and others	M503
Pesticides	Waste pesticides other than M505. Includes all wastewater sludge with hazardous constituents from production of pesticides other than those listed iun M505.	M504
Persistent Organic Pollutants (POPs) wastes	Wastes listed in Stockholm Convention on POPs such as, but not limited to, aldrin, chlordane, dieldrin, endrin, heptachlor, hexachlorobenzene, mirex, toxaphene, and dichlorodiphenyl trichloroethane (DDT) Polychlorinated Biphenyl (PCB) wastes are categorized as L404 and excluded from this sub-category	M505
Waste electrical and electronic equipment (WEEE)	Include all waste electrical and electronic equipment that contain hazardous components such as lead, cadmium, mercury, hexavalant chromium, polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) that includes its peripherals i.e., ink ctridges, toners, etc.	M506
Special Wastes	Household hazardous wastes such as paints, thinners, household batteries, lead-acid batteries, spray, canisters and the like that are consolidated by Material Recovery Facilities (MRFs). These inlude wastes from residential and commercial sources that comprise of consumer electronics, white foods (i.e. refrigerators, washing machines, air conditions, etc.) batteries, oil, and busted lamps	M507

* TCLP limits for arsene, barium, cadmium, chromium, flouride, lead, mercury and selenium are correlated with the 2007 Philippine National Standards for Drinking Water.

Source: DENR Administrative Order No. 2013-22

Glossary

GLOSSARY OF TERMS

Air Pollutant is any matter found in the atmosphere other than oxygen, nitrogen, water vapor, carbon dioxide, and the inert gases in their natural or normal concentrations that is detrimental to health or the environment, which includes but not limited, to smoke, dust, soot, cinders, fly ash, solid particles of any kind, gases, fumes, chemical mists, steam, and radioactive substances *(RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Air Pollution is any alteration of the physical, chemical, and biological properties of the atmospheric air or any discharge thereto of any liquid, gaseous, or solid substances that will or is likely to create or to render the air resources of the country harmful, detrimental, or injurious to public health, safety, or welfare or that will adversely affect their utilization for domestic, commercial, industrial agricultural, recreational, or other legitimate purposes *(RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Alienable and Disposable (A&D) Land refers to a land of the public domain which has been the subject of the present system of classification and declared as not needed for forest purposes *(Presidential Decree No. 705 "Revising Presidential Decree No. 389, Otherwise Known as the Forestry Reform Code of the Philippines")*.

Ambient is the environmental surrounding *(UN Environment Glossary Updated Web Version 2001)*.

Ambient Air Quality is the general amount of pollution present in a broad area. It also refers to the atmosphere's average purity as distinguished from discharge measurements taken at the source of pollution *(RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Ambient Air Quality Guideline Value is the concentration of air over specified periods classified as short- and long-term, which is intended to serve as a goal or objective for the protection of health and/or public welfare. The value shall be used for air quality management purposes, such as determining time trends, evaluating stages of deterioration, or enhancing air quality, and in general, used as basis for taking positive action in preventing, controlling, or abating air pollution *(RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Ambient Air Quality Standard is the concentration of an air pollutant which shall not be exceeded in the breathing zone at any time in order to protect public health and public welfare. It is enforceable and must be complied with by the owner or person-in-charge of an industrial operation, process, or trade *(Implementing Rules and Regulations of RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Ambient Concentration is the measure of environmental quality indicating the amount of pollutants found per unit volume in different environmental media (*UN Environment Glossary Updated Web Version 2001*).

Amphibian is a cold-blooded, smooth-skinned vertebrate capable of living on land and in water, such as frogs, toads, and salamanders *(DENR Administrative Order 2009-01).*

Annual Cropland is the land cultivated with crops with a growing cycle under one year, which must be newly sown or planted for further production after harvesting *(DENR Memorandum Circular 2005-05).*

Aquaculture is a fishery operation involving all forms of raising and culturing of fish and other fishery species in fresh, brackish, and marine water areas (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Aquafarm is a farming facility used in the culture or propagation of aquatic species including fish, mollusk, crustaceans, and aquatic plants for purposes of rearing and culturing to enhance production (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Aquatic Resources includes fish, crustaceans, mollusks, shellfish and other aquatic organisms such as sponges and seaweed, as well as aquatic mammals such as whales. Aquatic resources are subject to harvest for commercial reasons and are part of recreational and subsistence fishing activities. Aquatic resources for a given country comprise those resources that are considered to live within the exclusive economic zone (EEZ) of a country throughout their lifecycles, both coastal and inland fisheries. Migrating and straddling fish stocks are considered to belong to a given country during the period when those stocks inhabit its EEZ. Aquatic resources may be either cultivated or natural biological resources (*UN Framework for the Development of Environment Statistics 2013*).

Area Harvested is the actual area from which harvests are realized. This excludes crop area totally damaged. It may be smaller than area planted. In crop statistics, this applies to temporary crops (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Area Planted is the actual physical area planted to a permanent crop. This generally applies to area reported for permanent crops (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Area Source is the source of non-natural air pollution released over a relatively small area that cannot be classified as a point source, such as vehicles and other small fuel combustion engines *(UN Glossary of Environment Statistics).*

Atmosphere is the mass of air surrounding the earth, composed largely of oxygen and nitrogen *(UN Glossary of Environment Statistics).*

Avian or Bird refers to warm-blooded, egg-laying vertebrates of the class Aves characterized by feathers and forelimbs modified into wings, such as jungle fowl and wild ducks *(DENR Administrative Order 2009-01).*

Backyard Farm is any farm or household raising at least one head of animal or bird and does not qualify as a commercial farm (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Barren Area (Barren) is land not covered by (semi-)natural or artificial cover. It includes sand dunes, riverwash, lahar-laden areas, and rocky or stony areas *(DENR Memorandum Circular 2005-05).*

Beneficial Use is the use of the environment or any element or segment thereof conducive to public or private welfare, safety, and health and shall include but not limited to the use of water for domestic, municipal, irrigation, power generation, fisheries, livestock raising, industrial, recreational, and other purposes *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Biochemical Oxygen Demand is dissolved oxygen required by organisms for the aerobic decomposition of organic matter present in water (*UN Environment Glossary Updated Web Version 2001*).

Biodiesel (also, Fatty Acid Methyl Ester and Mono-alkyl Esters) is derived from vegetable oils or animal fats and other biomass-derived oils that shall be technically proven and approved by the Department of Energy for use in diesel engines with quality specifications in accordance with the Philippine National Standards (PNS) (*RA No. 9367 "An Act to Direct the Use of Biofuels, Establishing for this Purpose the Biofuel Program, Appropriating Funds Therefor, and for Other Purposes"*).

Biodiversity (also, Biological Diversity) is the variability among living organisms from all sources such as inter alia, terrestrial, marine, and other aquatic ecosystems and the ecological complexes of which they are part. It includes diversity within species, between species, and of ecosystems *(DENR Administrative Order 2005-24).*

Bioethanol Fuel refers to ethanol produced from feedback and other biomass (*RA No. 9367 "An Act to Direct the Use of Biofuels, Establishing for this Purpose the Biofuel Program, Appropriating Funds Therefor, and for Other Purposes"*).

Biological Disaster is an event caused by the exposure of living organisms to germs and toxic substances *(Center for Research on the Epidemiology of Disasters).*

Biological Resources are timber resources, aquatic resources, crops, livestock and wild, uncultivated biological resources that are provided by natural or cultivated ecosystems (*UN Framework for the Development of Environment Statistics 2013*).

Biomass refers to any organic matter, particularly cellulosic or lignocellulosic matter, which is available on a renewable or recurring basis, including trees, crops and associated residues, plant fiber, poultry litter, and other animal wastes, industrial wastes, and the biodegradable component of solid wastes (*RA No. 9367 "An Act to Direct the Use of Biofuels, Establishing for this Purpose the Biofuel Program, Appropriating Funds Therefor, and for Other Purposes"*).

Biomass Resources are non-fossilized, biodegradable organic material originating from naturally occurring or cultured plants, animals and microorganisms, including agricultural products, byproducts and residues such as but not limited to biofuels except corn, soya beans, and rice but including sugarcane and coconut, rice hulls, rice straws, coconut husks and shells, corn cobs, corn stovers, bagasse, biodegradable organic fractions of industrial and municipal wastes that can be used in bioconversion process and other processes, as well as gases and liquids recovered from the decomposition and/or

extraction of non-fossilized and biodegradable organic materials *(RA No. 9513 "An Act Promoting the Development, Utilization and Commercialization of Renewable Energy Resources and for Other Purposes").*

Brackish Water Environment refers to mixed seawater and fresh water environment with salinity of less than 30 parts per thousand (ppt) that varies with the tide. Examples are estuaries, mangroves, and mouth of rivers where seawater enters during high tide (*PSA-Inventory of Statistical Standards in the Philippines online*).

Buffalo is popularly known as water buffalo and originated from India, which is used as draft animals and suitable for milk production. It is locally known as carabao (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Buffer Zone is an area outside the boundaries of and immediately adjacent to a designated protected area pursuant to Section 8 of Republic Act No. 7586 that needs special development control in order to avoid or minimize harm to the protected area *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

Built-up Area is an area of intensive use with much of the land covered by structures. It includes cities, towns, villages, strip developments along highways, transportation, power, and communication facilities, and areas occupied by mills, shopping centers, industrial and commercial complexes, and institutions that may be isolated from urban areas in some instances *(DENR Memorandum Circular 2005-05).*

Carabao, *see Buffalo*

Carbon Dioxide is a colorless, odorless, and nonpoisonous gas resulting from fossil fuel combustion. It is normally a part of ambient air and produced in the respiration of living organisms (plants and animals) and considered to be the main greenhouse gas contributing to climate change (*UN Environment Glossary Updated Web Version 2001*).

Carbon Emission is the release of carbon from a source such as but not limited to living organisms, fossil fuels, and volcanic emissions into the atmosphere over a specified area and period of time *(FMB Philippine Reference for Forest-related Terms and Definitions).*

Carbon Monoxide is a colorless, odorless, and poisonous gas produced by incomplete fossil fuel combustion. It combines with the hemoglobin of the human beings reducing its oxygen carrying capacity with effects harmful to human beings (*UN Environment Glossary Updated Web Version 2001*).

Cattle is the general term for the members of the *Bovidae* family, wild (*Bibos subspecies*) or domestic (*Bos subspecies*). There are two domestic cattle species, *Bos taurus or* European breeds and *Bos indicus* or Zebu breeds or oriental domestic cattle *(PSA-Bureau of Agricultural Statistics Glossary of Terms online).*

Charcoal is the solid residue consisting mainly of carbon obtained by the destructive distillation of wood in the absence of air (*UN Environment Glossary Updated Web Version 2001*).

Chemical Control Order is an order that either prohibits, limits, or regulates the use, manufacture, import, export, transport, processing, storage, possession and wholesale of priority chemicals *(DENR Administrative Order 2013-22).*

CITES or the Convention on International Trade in Endangered Species of Wild Fauna and Flora is an international treaty ratified by the Philippine Government to regulate, control, and prohibit the trade of wildlife *(BMB 2003 Statistics on Philippine Protected Areas and Wildlife Resources).*

CITES Appendix I is the list of endangered fauna and flora prohibited by the contracting states of CITES for commercial trade and/or export. Species listed in Appendix I could be exported only for educational and scientific purposes *(BMB 2003 Statistics on Philippine Protected Areas and Wildlife Resources).*

CITES Appendix II is the list of endangered fauna and flora strictly regulated by the contracting states of CITES for commercial trade and/or export. The list of all species although not necessarily threatened with extinction at present may become so unless trade in specimens of such species is subject to strict regulation to avoid utilization incompatible with their survival *(BMB 2003 Statistics on Philippine Protected Areas and Wildlife Resources).*

Climate is the condition of the atmosphere at a particular location (microclimate) or region over a long period of time. It is the long-term summation of atmospheric elements, such as solar radiation, temperature, humidity, precipitation type (frequency and amount), atmospheric pressure, and wind (speed and direction), and their variations *(UN Environment Glossary Updated Web Version 2001)*.

Climate Change is a term frequently used in reference to global warming due to greenhouse gas emissions from human activities *(UN Environment Glossary Updated Web Version 2001)*.

Climatological Disaster is an event caused by long-lived/meso- to macro- scale processes (in the spectrum from intraseasonal to multidecadal climate variability) *(Center for Research on the Epidemiology of Disasters).*

Climatological Normal is a period average computed for a uniform and relative long period comprising at least three consecutive ten-year period *(PAGASA)*.

Closed Forest is a formation where trees in the various storeys and the undergrowth cover a high proportion (more than 40%) of the ground and do not have a continuous dense grass layer. It is either managed or unmanaged forest, in advanced state of succession and may have been logged-over one or more times, having kept its characteristics of forest stands, possibly with modified structure and composition *(DENR Memorandum Circular 2005-05).*

Coal is a readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50% by weight and more than 70% by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time *(US Energy Information Administration Glossary).*

Commercial Farm is any livestock or poultry farm that satisfies at least one of the conditions herein. For livestock, it has at least 21 heads of adults and zero young; or at least 41 heads of young animals; or at least 10 heads of adults and 22 heads of young. For poultry, it has 500 layers or 1,000 broilers; or 100 layers and 100 broilers, if raised in combination; or 100 head of duck regardless of age (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Commercial Fishing is the catching of fish with the use of fishing boats with a capacity of more than three gross tons for trade, business, or profit beyond subsistence or sports fishing (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Common Name refers to the adopted name of a species widely used in the country. It may be based on an English name (or another foreign name) or a Tagalog name, or derived from the meaning of its scientific name when no local or vernacular name is available *(DENR Administrative Order 2007-01).*

Concentration is the amount of a chemical in a particular volume or weight of air, water, soil, or other medium *(UN Framework Convention on Climate Change Glossary).*

Conservation Status is the sum of influences acting on species that affect its long-term distribution and abundance *(BMB 2003 Statistics on Philippine Protected Areas and Wildlife Resources).*

Controlled Dump is the disposal site at which solid waste is deposited in accordance with the minimum prescribed standards of site operation *(RA No. 9003 "Ecological Solid Waste Management Act of 2000").*

Coral Bleaching is the paling in color of corals resulting from a loss of symbiotic algae. It occurs in response to physiological shock as a result of abrupt changes in temperature, salinity, and turbidity *(FAO Climate Change and Bioenergy Glossary).*

Coral Reef is the natural aggregation of coral skeleton, with or without living coral polyps, occurring in intertidal and subtidal marine waters *(RA No. 8550 "An Act Providing for The Development, Management and Conservation of the Fisheries and Aquatic Resources, Integrating all Laws Pertinent Thereto, and for Other Purposes").*

Corn Production (also, Maize Production) is the quantity of corn produced and actually harvested during the reference period from both crop types (white and yellow). It includes those harvested but damaged, stolen, given away, consumed, given as harvester's share, or reserved, and excludes those produced but not harvested due to low price, lack of demand, and force majeure or fortuitous events (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Criteria Pollutants are pollutants for which National Ambient Air Quality Standards exist. The criteria pollutants include ozone, carbon monoxide, nitrogen dioxide, sulfur dioxide, lead, sulfates, hydrogen sulfide, and particulate matter with a diameter of 10 microns or less *(Implementing Rules and Regulation of RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Critically Endangered Species refers to a species or subspecies that is facing extremely high risk of extinction in the wild in the immediate future *(RA No. 9147 "An Act Providing for the Conservation and Protection of Wildlife Resources and Their Habitats, Appropriating Funds Therefor and For Other Purposes").*

Crops are plants or agricultural produce grown at a large scale for food or other economic purposes, such as clothes or livestock fodder *(UN Framework for the Development of Environment Statistics 2013)*.

Crude oil is a mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities *(US Energy Information Administration Glossary).*

Cultivated Biological Resources are animal resources yielding repeat products and tree, crop, and plant resources yielding repeat products whose natural growth and regeneration are under the direct control, responsibility, and management of an institutional unit (*UN System of Environmental-Economic Accounting 2012 Central Framework*).

Depletion (in physical terms) is the decrease in the quantity of the stock of a natural resource over an accounting period that is due to the extraction of the natural resource by economic units occurring at a level greater than that of regeneration *(UN System of Environmental-Economic Accounting 2012 Central Framework).*

Deposit is the concentration of a solid commodity in the subsoil. The equivalent term for petroleum is accumulation (*UN Framework Classification for Fossil Energy and Mineral Resources*).

Desertification is land degradation in arid, semi-arid, and dry sub-humid areas resulting from various factors, including climatic variations and human activities *(UN Convention to Combat Desertification).*

Direct GHG emissions are emissions from sources that are owned or controlled by the reporting entity *(Greenhouse Gas Protocol).*

Disaster is an unforeseen and often sudden event that causes great damage, destruction and human suffering. It is a serious disruption of the functioning of a community or a society involving widespread human, material, economic, or environmental losses and impacts, which exceeds the ability of the affected community or society to cope using its own resources (*UN Framework for the Development of Environment Statistics 2013*; *National Disaster Risk Reduction and Management Council).*

Disposals of Waste are waste elimination techniques comprising landfills, containment, underground disposal, dumping at sea, and all other disposal methods *(UN Environment Glossary Updated Web Version 2001)*.

Dissolved Oxygen is the amount of gaseous oxygen (O_2) actually present in water expressed in terms either of its presence in the volume of water (milligrams of O_2 per liter) or of its share in saturated water (percentage) *(UN Environment Glossary Updated Web Version 2001)*.

Drinking Water Standards are standards that determine the quality of drinking water in the context of prevailing environmental, social, economic, and cultural conditions with reference to the presence of suspended matter, excess salts, unpleasant taste, and all harmful microbes. Meeting of those standards does not necessarily imply purity *(UN Environment Glossary Updated Web Version 2001)*.

Dump is a site used to dispose of solid wastes without environmental controls *(UN Environment Glossary Updated Web Version 2001)*.

Economic Loss is an indicator that assesses the impacts of natural extreme events and disasters. It is measured in terms of currency and can be seen in damages to buildings and transportation networks, loss of revenue for businesses, and loss of crops, among other material indicators *(UN Framework for the Development of Environment Statistics 2013).*

Ecosystem is a system in which the interaction between different organisms and their environment generates a cyclic interchange of materials and energy *(UN Environment Glossary Updated Web Version 2001)*.

Effluents are discharges from known source which are passed into a body of water or land, or wastewater flowing out of a manufacturing plant, industrial plant including domestic, commercial, and recreational facilities *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Electricity is a form of energy characterized by the presence and motion of elementary charged particles generated by friction, induction, or chemical change *(US Energy Information Administration Glossary).*

Emission is any air contaminant, pollutant, gas stream, or unwanted sound from a known source which is passed into the atmosphere *(RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Emission Factor is the ratio between the amount of pollution generated and the amount of a given raw material processed. The term may also refer to the ratio between the emissions generated and the outputs of production processes *(UN Environment Glossary Updated Web Version 2001)*.

Emission Inventory is the listing by source, type, and quantity of pollutants actually or potentially discharged. Such an inventory is used to establish and put forth emission standards *(UN Environment Glossary Updated Web Version 2001)*.

Endangered Species refers to species or subspecies that is not critically endangered but whose survival in the wild is unlikely if the causal factors continue operating *(RA No. 9147 "An Act Providing for the Conservation and Protection of Wildlife Resources and Their Habitats, Appropriating Funds Therefor and For Other Purposes").*

Endemic refers to species or subspecies that is naturally occurring and found only within specific areas in the country *(RA No. 9147 "An Act Providing for the Conservation and Protection of Wildlife Resources and Their Habitats, Appropriating Funds Therefor and For Other Purposes").*

Energy is the capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work *(US Energy Information Administration Glossary).*

Energy Consumption is the use of energy as a source of heat or power or as a raw material input to a manufacturing process *(US Energy Information Administration Glossary).*

Energy Products are products that are used (or might be used) as a source of energy. They comprise fuels that are produced/generated by an economic unit (including households) and are used (or might be used) as sources of energy; electricity that is generated by an economic unit (including households); and heat that is generated and sold to third parties by an economic unit (*UN System of Environmental-Economic Accounting 2012 Central Framework*).

Energy Sources refers to all solid, liquid and gaseous fuels, electricity, uranium, steam and hot water, and the traditional fuels such as fuelwood, charcoal, and vegetal and animal wastes *(UN Environment Glossary Updated Web Version 2001)*.

Energy Transformation is the process where the movement of part or all of the energy content of a product entering a process to one or more different products leaving the process (e.g., coking coal to coke, crude oil to petroleum products, and heavy fuel oil to electricity) (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

Environment is the totality of all the external conditions affecting the life, development, and survival of an organism *(UN Environment Glossary Updated Web Version 2001)*.

Environmental Health covers aspects of human health and diseases that are determined by factors in the environment. It also refers to the theory and practice of assessing and controlling factors in the environment that can potentially affect health *(World Health Organization).*

Erosion refers to wearing away of the land by running water, rainfall, wind, ice, or other geological agents, including such processes as detachment, entrainment, suspension, transportation, and mass movement. Geologically, it is defined as the process that slowly shapes hillsides allowing the formation of soil cover from the weathering of rocks and from alluvial and colluvial deposits. It is often intensified by land-clearing human activities related to farming, resident, and industrial development and has an effect increasing run-offs, decline of arable layers, siltation in lakes, lagoons, and oceans *(UN Environment Glossary Updated Web Version 2001)*.

Evaporation is the process whereby liquid water is converted to water vapor (vaporization) and removed from the evaporating surface (vapor removal) (*FAO Corporate Document Repository*).

Evapotranspiration is the combined loss of water by evaporation from the soil or surface water and transpiration from plants and animals *(UN Environment Glossary Updated Web Version 2001)*.

Exploration means searching or prospecting for mineral resources by geological, geochemical, and/or geophysical surveys, remote sensing, test pitting, trenching, drilling, shaft sinking, tunneling, or any other means for the purpose of determining their existence, extent, quality, and quantity, and the feasibility of mining them for profit (*DENR Administrative Order 2010-21*).

Exports of Energy Products refers to all fuel and other energy products leaving the national territory with the exception that exports exclude the quantities of fuels delivered for use by merchant (including passenger) ships and civil aircraft of all nationalities during international transport of goods and passengers (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

Extractions are reductions in stock due to the physical removal or harvest of an environmental asset through a process of production (*UN System of Environmental-Economic Accounting 2012 Central Framework*).

Fallow refers to woody vegetation resulting from the clearing of natural forest for shifting to agriculture. It is an intermediate class between forest and non-forest land uses. Part of the area, which is not under cultivation, may have the appearance of a secondary forest *(DENR Memorandum Circular 2005-05).*

Farm is a parcel of land having an aggregate area of at least 1,000 square meters devoted to crops; or any area regardless of size raising at least 10 heads of large animals such as cattle, horse, carabao, among others regardless of kind; or any area regardless of size raising at least 20 heads of small animals such as hog, goat, sheep, among others, regardless of age and kind; or any area regardless of size with at least 100 heads of poultry regardless of age and kind; or a combination of land areas and animals raised, which amounts to at least 10 agricultural units. A farm is classified as either commercial or backyard (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Fauna are all species of animals in a given area *(FMB Philippine Reference for Forest-related Terms and Definitions).*

Fertilizer is any substance, solid or liquid, natural or synthetic, single or combination of materials that is applied to the soil or on the plant to provide one or more of the essential elements to improve plant nutrition, growth, yield, or quality, or for promoting a chemical change that enhances plant nutrition and growth (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Fish Cage is a stationary or floating fish enclosure of synthetic net wire/bamboo screen or other materials set in the form of inverted mosquito net ("hapa" type) with or without cover with all sides either tied to poles staked to the water bottom or with anchored floats for aquaculture purposes (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Fisheries refers to all activities relating to the act of or business of fishing, culturing, preserving, processing, marketing, developing, conserving, and managing aquatic resources and the fishery areas including the privilege to fish or take aquatic resources thereof *(RA No. 8550 "An Act Providing for the Development, Management and Conservation of the Fisheries and Aquatic Resources, Integrating All Laws Pertinent Thereto, and for Other Purposes").*

Fish Pen is an artificial enclosure constructed within a body of water for culturing fish, fishery/aquatic resources. It is made up of bamboo poles closely arranged in an enclosure with wooden material, screen or nylon netting to prevent escape of fish (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Fishing refers to the taking of the fishery species from their wild state or habitat with or without the use of fishing vessels *(Fisheries Statistics of the Philippines 2010-2012 Technical Notes).*

Fishpond is a land-based facility enclosed with earthen or stone material to impound water for growing fish. It also refers to a land-based type of aquafarm or a body of water (artificial or natural) where fish and other aquatic products are cultured, raised or cultivated under controlled conditions *(RA No. 8550 "An Act Providing for the Development, Management and Conservation of the Fisheries and Aquatic Resources, Integrating All Laws Pertinent Thereto, and for Other Purposes"; PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Flora refers to all species of plants found in a given area, including ferns, lycopods, and mosses *(FMB Philippine Reference for Forest-related Terms and Definitions).*

Forest is a land with an area of more than 0.5 hectare and tree crown cover (or equivalent stocking level) of more than 10%. The trees should be able to reach a minimum height of five meters at maturity in situ. It consists of either closed forest formations where trees of various storeys and undergrowth cover a high proportion of the ground or open forest formations with a continuous vegetation cover in which tree crown cover exceeds 10%. Young natural stands and all plantations established for forestry purposes, which have yet to reach a crown density of more than 10% or tree height of five meters are included under forest. These are normally forming part of the forest area, which are temporarily unstocked as a result of human intervention or natural causes but which are expected to revert to forest. It includes forest nurseries and seed orchards that constitute an integral part of the forest; forest roads, cleared tracts, firebreaks and other small open areas; forest within protected areas; windbreaks and shelter belts of trees with an area of more than 0.5 hectare and width of more than 20 meters; and plantations primarily used for forestry purposes, including rubber wood plantations. It also includes bamboo, palm, and fern formations (except coconut and oil palm) (*DENR Memorandum Circular 2005-05).*

Forest Cover refers to natural and manmade forests, including forests within wetlands and built-up areas *(DENR 2008 Compendium of Basic ENR Statistics for Operations and Management).*

Forest Disturbance refers to any relatively discrete event in time that disrupts ecosystem, community, or population structure and changes resources and substrate availability of the physical environment *(DENR 2008 Compendium of Basic ENR Statistics for Operations and Management).*

Forest Land includes the public forest, the permanent forest or forest reserves, and forest reservations *(Presidential Decree No. 705 "Revising Presidential Decree No. 389, Otherwise Known as the Forestry Reform Code of the Philippines")*.

Framework for the Development of Environment Statistics is a conceptual framework that assists in the development, coordination, and organization of environment statistics and

related socioeconomic and demographic statistics. It was developed by the United Nations Statistics Division in 1984, and is based on stress-response principles of environmental impacts *(UN Environment Glossary Updated Web Version 2001)*.

Freshwater refers to water containing less than 500ppm dissolved common salt, sodium chloride, such as that in groundwater, rivers, ponds, and lakes *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Freshwater Environment refers to water without salt or marine origin. Examples of freshwater environment are Laguna de Bay, Taal Lake, Candaba Swamps, Liguasan Marsh and rivers, canals, dams and paddy fields and rice fields (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Game Refuge and Bird Sanctuary refers to a forest land designated for the protection of game animals, birds, and fish and closed to hunting and fishing in order that the excess population may flow and restock surrounding areas (*PD No. 1559 "Further Amending PD No. 705, Otherwise Known as the Revised Forestry Code of the Philippines").*

Geophysical Disaster is an event that originated from the solid earth, such as earthquakes *(Center for Research on the Epidemiology of Disasters).*

Geothermal Energy is hot water or steam extracted from geothermal reservoirs in the earth's crust. Water or steam extracted from geothermal reservoirs can be used for geothermal heat pumps, water heating, or electricity generation *(US Energy Information Administration Glossary).*

Geothermal Resources are mineral resources, classified as renewable energy resource, in the form of all products of geothermal processes embracing indigenous steam, hot water, and hot brines; steam and other gases, hot water and hot brines resulting from water, gas, or other fluids artificially introduced into geothermal formations; heat or associated energy found in geothermal formations; and any byproducts derived from them *(RA No. 9513 "An Act Promoting the Development, Utilization and Commercialization of Renewable Energy Resources and for Other Purposes").*

Goat is an animal of genus *Capra*, family *Capridae*, compromising of various agile, hollow horned ruminants closely related to the sheep (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Grassland is an area predominantly vegetated with grasses such as *Imperata*, *Themeda*, and *Saccharum spp.*, among others *(DENR Memorandum Circular 2005-05).*

Greenhouse Gases are gases such as carbon dioxide, methane, and oxides of nitrogen, chlorofluorocarbons, and others that can potentially or reasonably be expected to induce global warming *(RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Groundwater means subsurface water that occurs beneath a water table in soils and rocks or in geological formations *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Hazardous Wastes are substances that are without any safe commercial, industrial, agricultural, or economic usage and are shipped, transported, or brought from the country of origin for dumping or disposal into or in transit through any part of the territory of the Philippines. Hazardous wastes also refers to hazardous substances that are byproducts, side-products, process residues, spent reaction media, contaminated plant or equipment, and other substances from manufacturing operations, and to consumer discards of manufactured products.

It also refers to any waste or combination of wastes of solid, liquid, contained gaseous, or semisolid form, which cause or contribute to an increase in mortality or an increase in serious irreversible or incapacitating reversible illness, taking into account toxicity of such waste, its persistence and degradability in nature, its potential for accumulation or concentration in tissue, and other factors that may otherwise cause or contribute to adverse acute or chronic effects on the health of persons or organism *(Implementing Rules and Regulations of RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes"; RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Hazardous Waste Treatment comprises two categories, which can be distinguished as physical hazardous waste treatment—an approach including phase separation such as through lagooning, filtration or centrifugation, and solidification into hard material allowing for landfill disposal—and thermal hazardous waste treatment—high temperature oxidation of wastes that converts them into gases and solid residues *(UN Environment Glossary Updated Web Version 2001)*.

Hog is a domesticated swine (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Household Waste is a waste material usually generated in the residential environment. Waste with similar characteristics may be generated in other economic activities and can thus be treated and disposed of together with household waste *(UN Environment Glossary Updated Web Version 2001)*.

Human Habitat is the totality of the human community or more precisely, as human population that resides in a settlement, physical elements (e.g., shelter and infrastructure), services (e.g., water, sanitation, waste disposal, transport), and the exposure of humans to potentially deleterious environmental conditions *(UN Framework for the Development of Environment Statistics 2013).*

Hydrocarbons are compounds of hydrogen and carbon in various combinations that are present in petroleum products and natural gas. Some hydrocarbons are major air pollutants, some may be carcinogenic, and others contribute to photochemical smog *(UN Environment Glossary Updated Web Version 2001)*.

Hydroelectric Power is the use of flowing water to produce electrical energy *(US Energy Information Administration Glossary).*

Hydrological Disaster is an event caused by deviations in the normal water cycle and or overflow of bodies of water caused by wind setup *(Center for Research on the Epidemiology of Disasters).*

Imports of Energy Products are all the fuel and other energy products entering the national territory. Goods simply being transported through a country (goods in transit) and goods temporarily admitted are excluded, but reimports, which are domestic goods exported but subsequently readmitted, are included. The bunkering of fuel outside the reference territory by national merchant ships and civil aircraft engaged in international travel is excluded from imports (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

Indicated Mineral Resource refers to that part of a mineral resource for which tonnage, densities, shape, physical characteristics, grade, and mineral content can be estimated with a reasonable level of confidence. It is based on exploration, sampling, and testing information gathered through appropriate techniques from locations as outcrops, trenches, pits, workings, and drill holes. The locations are too widely or inappropriately spaced to confirm geological and or grade continuity but are spaced closely enough for continuity to be assumed (*DENR Administrative Order 2010-09*).

Indirect GHG emissions are emissions that are a consequence of the activities of the reporting entity but have occurred at sources owned or controlled by another entity *(Greenhouse Gas Protocol).*

Industrial Wastes are any solid, semisolid, or liquid waste material with no commercial value released by a manufacturing or processing plant other than excluded material *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Inferred Mineral Resource refers to that part of a mineral resource for which tonnage, grade, and mineral content can be estimated with low level of confidence. It is inferred from geological evidence, sampling, and assumed but not verified geological and/or grade continuity. It is based on information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings, and drill holes, which may be limited or of uncertain quality and reliability (*DENR Administrative Order 2010-09*).

Inland Municipal Fishing is the catching of fish, crustaceans, mollusks, and all other aquatic animals and plants in inland waters like lakes, rivers, dams, and marshes using simple gears and fishing boats some of which are nonmotorized with a capacity of less than or equal to three gross tons. It also refers to fishing that does not require the use of fishing boats (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Inland Waters are bodies of water surrounded by land, such as rivers, lakes, streams, mudflats, ponds and fishponds, dams, and reservoirs *(DENR Memorandum Circular 2005-05).*

International Aviation Bunkers are quantities of fuels delivered to civil aircraft of any nationality for consumption during international flights transporting goods or passengers. International flights take place when the ports of departure and arrival are in different national territories (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

International Marine Bunkers are quantities of fuels delivered to merchant (including passenger) ships of any nationality for consumption during international voyages transporting goods or passengers. International voyages take place when the ports of departure and arrival are in different national territories (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

Irrigated Palay is a palay crop that requires standing water for its normal growth and is not confined to lowland but also to high places where paddies are built for planting rice. It requires irrigation water made available through artificial means such as gravity, force, and power pumps (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Kaingin is a portion of the forest land, whether occupied or not, that is subjected to shifting and or permanent slash-and-burn cultivation having little or no provision to prevent soil erosion (*PD No. 1559 "Further Amending PD No. 705, Otherwise Known as the Revised Forestry Code of the Philippines").*

Land is a resource both manmade and natural, found on the surface, below, and above the ground. It includes inland waters and the air therein *(FMB Philippine Reference for Forest-related Terms and Definitions).*

Land Cover refers to the observed physical and biological cover of the Earth's surface and includes natural vegetation, abiotic (nonliving) surfaces, and inland water bodies such as rivers, lakes, and reservoirs (*UN System of Environmental-Economic Accounting 2012 Central Framework*).

Lake is an inland body of water, an expanded part of a river, a reservoir formed by a dam, or a lake basin intermittently or formerly covered by water *(RA No. 8550 "An Act Providing for the Development, Management and Conservation of the Fisheries and Aquatic Resources, Integrating All Laws Pertinent Thereto, and for Other Purposes").*

Leachate is a liquid produced when wastes undergo decomposition and when water percolates through solid waste undergoing decomposition. It is a contaminated liquid that contains dissolved and suspended materials *(RA No. 9003 "Ecological Solid Waste Management Act of 2000").*

Livestock refers to farm animals kept or raised for consumption, work, or leisure. In general, poultry is separated as a distinct group of farm animals. For purposes of censuses and surveys, livestock covers only those that are tended and raised by an operator (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Major Crops are the top 20 crops in the Philippines other than palay and corn, which collectively account for more than 60% of the total crop production. These include coconut, sugarcane, banana, pineapple, coffee, mango, tobacco, abaca, peanut, mongo, cassava, cacao, sweet potato, tomato, garlic, onion, cabbage, eggplant, calamansi, and rubber (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Mammal refers to any of the various warm-blooded vertebrates of the class *Mammalia*, characterized with hair covering on the skin and milk-producing mammary glands (among females) for nourishing the young *(DENR Administrative Order 2009-01).*

Mangrove Forest is a forested wetland growing along tidal mudflats and along shallow water coastal areas extending inland along rivers, streams, and their tributaries where the water is generally brackish and composed mainly of *Rhizopora*, *Bruguiera*, *Ceriops*, *Avicenia*, *Aegiceras*, and *Nipa* species *(DENR Memorandum Circular 2005-05).*

Marine Park is any offshore area inhabited by rare and unique species of marine flora and fauna *(BMB 2003 Statistics on Philippine Protected Areas and Wildlife Resources).*

Marinewater Environment, *see Seawater Environment*

Marshland is a natural area usually dominated by grass-like plants such as cat tails and sedges, which are rooted in bottom sediments but emerge above the surface of the water. It contains emergence vegetation and usually develops in zones progressing from terrestrial habitat to open water *(DENR Memorandum Circular 2005-05).*

Material Recovery Facility is a solid waste transfer station or sorting station, drop-off center, a composting facility, and a recycling facility *(RA No. 9003 "Ecological Solid Waste Management Act of 2000").*

Measured Mineral Resource refers to that part of a mineral resource for which tonnage, densities, shape, physical characteristics, grade, and mineral content can be estimated with a high level of confidence. It is based on detailed and reliable exploration, sampling, and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings, and drill holes. The locations are spaced closely enough to confirm geological and grade continuity (*DENR Administrative Order 2010-09*).

Metallic Mineral is a mineral having a brilliant appearance and quite opaque to light, usually giving a black or very dark streak, and from which a metallic element/component can be extracted/utilized for profit (*DENR Administrative Order 2010-21*).

Meteorological Disaster is an event caused by short-lived/small to meso-scale processes (in the spectrum from minutes to days) *(Center for Research on the Epidemiology of Disasters).*

Methane (chemical formula: CH_4) is a colorless, nonpoisonous, and flammable gaseous hydrocarbon created by anaerobic decomposition of organic compounds. It is a potent greenhouse gas (*UN Environment Glossary Updated Web Version 2001*).

Migrant is a species that winter in the Philippines on a seasonal basis or those that cross transboundaries on several states *(BMB 2003 Statistics on Philippine Protected Areas and Wildlife Resources).*

Minerals are all naturally-occurring inorganic substances in solid, liquid, gas, or any intermediate state excluding energy materials such as coal, petroleum, natural gas, radioactive materials, and geothermal energy (*DENR Administrative Order 2010-21*).

Mineral Occurrence is the indication of mineralization that is worthy of further investigation. The term mineral occurrence does not imply any measure of volume or tonnage, grade or quality and is thus not part of a mineral resource (*UN Framework Classification for Fossil Energy and Mineral Resources*).

Mineral Products are materials derived from ores, minerals, or rocks and prepared into a marketable state by mineral processing (*DENR Administrative Order 2010-21*).

Mineral Resource refers to the concentration or occurrence of material of intrinsic economic interest in or on the Earth's crust in such form, quality, and quantity that there are reasonable prospects for eventual economic extraction. The location, quantity, grade, geological characteristics, and continuity of a mineral resource are known, estimated, or interpreted from specific geological evidence, sampling, and knowledge. Mineral resource is subdivided, in order of increasing geological confidence, into inferred, indicated, and measured categories (*DENR Administrative Order 2010-09*).

Mobile Source is any vehicle or machine propelled by or through oxidation or reduction reactions, including combustion of carbon-based or other fuel, constructed and operated principally for the conveyance of persons or the transportation of property or goods, which emit air pollutants as a reaction product *(Implementing Rules and Regulation of RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Monitoring is the continuous or frequent standardized measurement and observation of the environment (air, water, land/soil, and biota) often used for warning and control *(UN Environment Glossary Updated Web Version 2001)*.

Monitoring Station is a facility used to measure emissions or ambient concentrations of pollutants *(UN Environment Glossary Updated Web Version 2001)*.

Multilateral Environment Agreement is a generic term for treaties, conventions, protocols, and other binding instruments related to the environment. It covers a wider geographic scope extending beyond instruments that are agreed upon between two states *(United Nations).*

Municipal Fishing refers to fishing within municipal waters using fishing vessels of three gross tons or less. It also refers to fishing that does not require the use of fishing vessels (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Municipal Waters include not only streams, lakes, inland bodies of water, and tidal waters within the municipality, which are not included within the protected areas as defined under Republic Act No. 7586 (or NIPAS Law), public forests, timber lands, forest reserves, or fishery reserves, but also marine waters included between two lines drawn perpendicular to the general coastline from points where the boundary lines of the municipality touch the sea at low tide and a third line parallel with the general coastline including offshore islands and 15 kilometers from such coastline (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

National Integrated Protected Areas System (NIPAS) refers to the classification and administration of all designated protected areas to maintain essential ecological processes and life-support systems, to preserve genetic diversity, to ensure sustainable use of resources found therein, and to maintain their natural conditions to the greatest extent possible *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

National Park is a forest reservation essentially of natural wilderness character, which has been withdrawn from settlement, occupancy, or any form of exploitation except in conformity with approved management plan and set aside as such exclusively to conserve the area or preserve the scenery, the natural and historic objects, wild animals and plants therein, and to provide enjoyment of these features in such areas *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

Natural Biological Resources are animals, birds, fish, and plants that yield both once-only and repeat products for which natural growth and or regeneration is not under the direct control, responsibility, and management of institutional units (*UN System of Environmental-Economic Accounting 2012 Central Framework*).

Natural Biotic Area is an area set aside to allow the way of life of societies living in harmony with the environment to adapt to modern technology at their pace *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

Natural Disaster is an event that resulted from natural phenomena such as tropical cyclones and earthquakes *(UN Framework for the Development of Environment Statistics 2013).*

Natural Gas is a mixture of hydrocarbon compounds and small quantities of non-hydrocarbons, existing in the gaseous phase or in solution with oil in natural underground reservoirs *(UN Environment Glossary Updated Web Version 2001)*.

Natural Monument (also, Natural Landmark) is a relatively small area focused on protection of small features to protect or reserve nationally significant natural features on account of their special interest or unique characteristics *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

Natural Park is a relatively large area not materially altered by human activity where extractive resource uses are not allowed and maintained to protect outstanding and natural and scenic areas of national or international significance for scientific, educational, and recreational use *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

Nitrate is a nitrogen-containing compound that can exist in the atmosphere or as a dissolved gas in water. It may produce harmful effects on humans and animals *(UN Environment Glossary Updated Web Version 2001)*.

Nitrogen Oxide (chemical formula: NO_x) is a product of combustion from transportation and stationary sources. It is a major contributor to acid depositions and the formation of ground-level ozone in the troposphere *(UN Environment Glossary Updated Web Version 2001)*.

Nitrous Oxide (chemical formula: N_2O) is a relatively inert oxide of nitrogen produced as a result of microbial action in the soil, use of fertilizers containing nitrogen, burning of timber, and so forth. This nitrogen compound may contribute to greenhouse and ozone-depleting effects *(UN Environment Glossary Updated Web Version 2001)*.

Nonpoint Sources of Pollution are pollution sources that are diffused and without a single point of origin or not introduced into a receiving stream from a specific outlet. The pollutants are generally carried off the land by stormwater runoff. The commonly used categories for nonpoint sources are agriculture, forestry, urban areas, mining, construction, dams and channels, land disposal, and saltwater intrusion *(UN Environment Glossary Updated Web Version 2001)*.

Nonmetallic Mineral is a mineral usually having a dull luster, generally light-colored and transmits light, usually giving either colorless or light colored streak from which a nonmetallic element/component can be extracted/utilized for a profit (*DENR Administrative Order 2010-21*).

Nonrenewable Fuels are fuels that cannot be easily made or "renewed" such as oil, natural gas, and coal *(US Energy Information Administration Glossary).*

Normal (also, Climatological Normal) is the average value of a meteorological element over any fixed period of years that is recognized as a standard for a country and element concerned. It usually a 30-year period as recommended by the World Meteorological Organization *(Department of Science and Technology-PAGASA).*

Oil is a mixture of hydrocarbons usually existing in the liquid state in natural underground pools or reservoirs. Oil is often found in association with gas *(US Energy Information Administration Glossary).*

Open Dump is a disposal area wherein the solid wastes are indiscriminately thrown or disposed of without due planning and consideration for environmental and health standards *(RA No. 9003 "Ecological Solid Waste Management Act of 2000").*

Open Forest refers formations with discontinuous tree layer with coverage of at least 10% and less than 40%. They are either managed or unmanaged forests in initial state of succession *(DENR Memorandum Circular 2005-05).*

Ore Reserve is the economically mineable part of a measured and/or indicated mineral resource. It is subdivided in order of increasing confidence into probable and proved ore reserves (*DENR Administrative Order 2010-21*).

Other Land refers to land with tree cover less than 5%. It includes agricultural land, pastures, built-up areas, bare areas, and grasslands (DENR Memorandum Circular 2005-05).

Other Natural Land refers to land not classified as forest or other wooded land undisturbed by man *(DENR Memorandum Circular 2005-05).*

Other Threatened Species refers to a species or subspecies that is not critically endangered, endangered, or vulnerable but is under the threat from adverse factors such as overcollection throughout their range and is likely to move to the vulnerable category in the near future *(Implementing Rules and Regulation of RA No. 9147 "An Act Providing for the Conservation and Protection of Wildlife Resources and Their Habitats, Appropriating Funds Therefor and For Other Purposes").*

Other Wildlife Species refers to nonthreatened species that have the tendency to become threatened due to predation and destruction of habitat or other similar causes as may be listed by the Secretary of Environment and Natural Resources upon the recommendation of the National Wildlife Management Committee *(DENR Administrative Order 2004-15).*

Other Wooded Land refers to lands either with a crown cover (or equivalent stocking level) of 5-10% of trees able to reach a height of five meters at maturity or with a crown cover (or equivalent stocking level) of more than 10% not able to reach a height of five meters at maturity such as dwarf or stunted trees or with shrubs or bush cover of more than 10% *(DENR Memorandum Circular 2005-05).*

Oyster Farming refers to the cultivation of oysters in suitable water areas by any method for production purposes *(Fisheries Statistics of the Philippines 2010-2012 Technical Notes).*

Palay Production (also, Paddy Rice Production) is the quantity of palay produced and actually harvested during the reference period from both ecosystems (irrigated and rainfed). It includes those harvested but damaged, stolen, given away, consumed, given as harvester's share, and reserved and excludes those produced but not harvested due to low price, lack of demand, and force majeure or fortuitous events (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Particulates are fine liquid or solid particles, such as dust, smoke, mist, fumes, or smog, found in air or emissions *(UN Environment Glossary Updated Web Version 2001)*.

Perennial Cropland refers to land cultivated with long term crops that do not have to be replanted for several years after each harvest. Harvested components are not timber but fruits, latex, and other products that do not significantly harm the growth of the planted trees or shrubs; orchards, vineyards and palm plantations, coffee, tea, sisal, banana, abaca, among others *(DENR Memorandum Circular 2005-05).*

Persistent Organic Pollutants are chemical substances that persist in the environment, bioaccumulate through the food web, can travel long distances, and pose a risk of causing adverse effects to human health and the environment *(DENR Administrative Order 2013-22).*

Pesticides are substances or any mixtures of substances intended for preventing, destroying, or controlling pests, including vectors of human or animal diseases, unwanted species of plants or animals causing harm during or otherwise interfering with the production, processing, storage, transport, or marketing of food, agricultural commodities, wood or wood products, or animals feed stuffs (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Plantation Forest refers to forest stands established by planting and or seeding in the process of afforestation or reforestation. It may be composed of broadleaved, coniferous, and or mixed forests *(DENR Memorandum Circular 2005-05).*

Point Source of Pollution is an anthropogenic source of emissions that is located at an identifiable point in space. It covers stationary sources such as sewage treatment plants, powerplants, other industrial establishments, and similar buildings and premises of small spatial extension *(UN Environment Glossary Updated Web Version 2001)*.

Pollutant is any substance, whether solid, liquid, gaseous, or radioactive, which directly or indirectly alters the quality of any segment of the receiving water body so as to affect or tend to affect adversely any beneficial use thereof; is hazardous or potentially hazardous to health; imparts objectionable odor, temperature change, or physical, chemical, or biological change to any segment of the water body; or is in excess of the allowable limits or concentrations or quality standards specified, or in contravention of the condition, limitation, or restriction prescribed in Republic Act No. 9275 *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Potential Mineral Resource (also, Target Mineral Resource) refers to a mineralization that cannot be classified as mineral resource or ore reserve owing to the insufficiency of data (*DENR Administrative Order 2010-09*).

Priority Chemicals List is a list of existing and new chemicals that the Department of Environment and Natural Resources has determined to potentially pose unreasonable risk to public health, workplace, and the environment *(DENR Administrative Order 2013-22).*

Primary Energy Products are resulting products of primary (energy) production (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

Primary Production of Energy Products refers to capture or extraction of fuels or energy from natural energy flows, the biosphere, and natural reserves of fossil fuels within the national territory in a form suitable for use (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

Probable Ore Reserve is the economically mineable part of an indicated and in some circumstances a measured mineral resource. It includes diluting materials and allowances for losses, which may occur when the material is mined (*DENR Administrative Order 2010-21*).

Production is the quantity produced and actually harvested for a particular crop during the reference period. It includes those harvested but damaged, stolen, given away, consumed, given as harvester's share, and reserved. Excluded are those produced but not harvested due to low price, lack of demand, and force majeure or fortuitous events (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Production of Energy Products refers to capture, extraction, or manufacture of fuels or energy in forms that are ready for general use (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

Protected Area refers to identified portions of land and water set aside by reason of their unique physical and biological significance, managed to enhance biological diversity and protected against destructive human exploitation *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

Protected Landscapes and Seascapes are areas of national significance that are characterized by the harmonious interaction of man and land while providing opportunities for public enjoyment through the recreation and tourism within the normal lifestyle and economic activity of these areas *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

Proven Ore Reserve is the economically mineable part of a measured mineral resource. It includes diluting materials and allowances for losses, which may occur when the material is mined (*DENR Administrative Order 2010-21*).

Rainfed Palay is a palay crop that depends solely upon rainfall for its water supply. It is usually planted through transplanting or direct seeding in fields with dikes that retain water. There may be dikes in the field to hold water in the case of lowland-rainfed, or none in the case of upland palay (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Reactive refers to substances that are unstable under normal conditions and readily undergo violent change without detonating, react violently with water and create spontaneously explosive mixtures like toxic gases, vapors, or fumes, and are capable of detonating *(DENR Administrative Order 2013-22).*

Renewable Energy Resources are energy resources that do not have an upper limit on the total quantity to be used. Such resources are renewable on a regular basis, and whose renewal rate is relatively rapid to consider availability over an indefinite period of time. These include, among others, biomass, solar, wind, geothermal, ocean energy, and hydropower conforming with internationally accepted norms and standards on dams and other emerging renewable energy technologies *(RA No. 9513 "An Act Promoting the Development, Utilization and Commercialization of Renewable Energy Resources and for Other Purposes").*

Reptile refers to any of the various cold-blooded, air breathing vertebrates of the class *Reptilia*, such as snakes, lizards, crocodiles, turtles, and the like, which have scales or horny plates as external covering *(DENR Administrative Order 2009-01).*

Resident refers to breed or suspected of breeding in the Philippines normally living there throughout the year *(BMB 2003 Statistics on Philippine Protected Areas and Wildlife Resources).*

Resource Reserve is an extensive and relatively isolated and uninhabited area normally with difficult access designated as such to protect natural resources of the area for future use and prevent or contain development activities that could affect the resource pending the establishment of objectives that are based upon appropriate knowledge and planning *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

Rice Fish Culture is an integrated farming system that involves raising of fish in rice paddies *(Fisheries Statistics of the Philippines 2010-2012 Technical Notes).*

Root Crops are crops with well-developed underground edible roots. They are classified into tubers and roots. Roots are more starchy and rich in carbohydrates and includes gabi, ubi, and white potato. Tubers include beets, radish, carrots, and turnips (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Sanitary Landfill is a waste disposal site designed, constructed, operated, and maintained in a manner that exerts engineering control over significant potential environment impacts arising from the development and operation of the facility *(RA No. 9003 "Ecological Solid Waste Management Act of 2000").*

Scientific Name refers to the formal nomenclature/name of specific plants and animals *(BMB 2003 Statistics on Philippine Protected Areas and Wildlife Resources).*

Seafarm Reservoirs refers to small bodies of water with an area of less than 10 kilometres such as small ponds, canals, irrigation canals, and swamps, which can be suitable for culture-based fisheries *(Fisheries Statistics of the Philippines 2010-2012 Technical Notes).*

Seawater Environment (also, Marinewater Environment) refers to inshore and open waters and inland seas in which salinity generally exceeds 20% (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Seaweed Farming is the cultivation of seaweed in suitable water areas by any method with appropriate intensive care for production in commercial quantities *(Fisheries Statistics of the Philippines 2010-2012 Technical Notes).*

Secondary Production of Energy Products refers to manufacture of energy products through the process of transformation of primary fuels or energy (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

Shrubland is a land where the dominant woody vegetation are shrubs, which are generally more than 0.5 meter and less than five meters in height in maturity and without a definite crown. The growth habit can be erect, spreading or prostate. The height limits for trees and shrubs should be interpreted with flexibility, particularly the minimum tree and maximum shrub height, which may vary between five and seven meters approximately *(DENR Memorandum Circular 2005-05).*

Solar Energy is energy derived from solar radiation that can be converted into useful thermal or electrical energy *(RA No. 9513 "An Act Promoting the Development, Utilization and Commercialization of Renewable Energy Resources and for Other Purposes").*

Solid Waste Management Facility refers to any resource recovery system or component thereof; any system, program, or facility for resource conservation; any facility for the collection, source separation, storage, transportation, transfer, processing, treatment, or disposal of solid waste *(RA No. 9003 "Ecological Solid Waste Management Act of 2000").*

Solid Waste is all discarded household, commercial waste, nonhazardous institutional and industrial waste, street sweepings, construction debris, agricultural waste, and other nonhazardous and nontoxic solid waste *(RA No. 9003 "Ecological Solid Waste Management Act of 2000").*

Special Wastes refers to household hazardous wastes such as paints, thinners, household batteries, lead-acid batteries, spray canisters, and the like. These include wastes from residential and commercial sources that comprise bulky wastes, consumer electronics, white goods, yard wastes that are collected separately, batteries, oil, and tires. These are usually handled separately from other residential and commercial wastes *(DENR Administrative Order 2013-22).*

Species refers to the smallest population, which is permanently distinct and distinguishable from all others. It is a primary taxonomic unit *(DENR Administrative Order 2007-01).*

Stationary Source refers to any building or immobile structure, facility, or installation that emits or may emit any air pollutant *(RA No. 8749 "An Act Providing for a Comprehensive Air Pollution Control Policy and for other Purposes").*

Stock Changes of Energy Products refers to quantities of energy products that can be held and used to maintain service under conditions where supply and demand are variable in their timing or amount due to normal market fluctuations; and to supplement supply in the case of a supply disruption. These are also defined as the increase (stock build) or decrease (stock draw) in the quantity of stock over the reporting period and are calculated as the difference between the closing and opening stocks (*UNSD International Recommendations for Energy Statistics Draft Version 2011*).

Sulphur Dioxide (chemical formula: SO_2) is a heavy, pungent, colorless gas formed primarily by the combustion of fossil fuels. It is harmful to human beings and vegetation, and contributes to the acidity in precipitation *(UN Environment Glossary Updated Web Version 2001)*.

Surface Water refers to all water, which is open to the atmosphere and subject to surface runoff *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Sustainable Yield is the surplus or excess of animals or plants that may be removed from a population without affecting the capacity of the population to regenerate itself (*UN System of Environmental-Economic Accounting 2012 Central Framework*).

Technological Disaster is an event that resulted from human intent, negligence, or error, or from faulty or failed technological application *(UN Framework for the Development of Environment Statistics 2013).*

Threatened Species is a general term used to denote species or subspecies considered as critically endangered, endangered, vulnerable, or other accepted categories of wildlife whose population is at risk of extinction *(RA No. 9147 "An Act Providing for the Conservation and Protection of Wildlife Resources and Their Habitats, Appropriating Funds Therefor and For Other Purposes").*

Timber Resources refers to the volume of trees, living and dead, which can still be used for timber or fuel. This includes all trees regardless of diameter or tops of stems. The general proxy that should be considered for determining the volume of timber resources is the volume that is commercially usable *(UN Framework for the Development of Environment Statistics 2013).*

Toxic refers to substances that when inhaled or ingested or if it penetrates the skin may involve acute or chronic health risks, such as carcinogenicity, mutagenicity, or teratogenicity on human or other life forms *(DENR Administrative Order 2013-22).*

Toxic Pollutants are materials that contaminate the environment, which cause death, disease and birth defects in the organisms that ingest or absorb them. The quantities and length of exposure necessary to cause these effects can vary widely *(UN Environment Glossary Updated Web Version 2001)*.

Toxicity Characteristics Leaching Procedure is the procedure used to simulate the leaching that a waste will undergo if disposed of in a sanitary landfill. It is applicable to liquid, solid, and multiphase media *(DENR Administrative Order 2013-22).*

Treatment, Storage, and Disposal Facilities are the facilities where hazardous wastes are transported, stored, treated, recycled, reprocessed, or disposed of *(DENR Administrative Order 2013-22).*

Use of Water for Domestic Purposes refers to the utilization of water for drinking, washing, bathing, cooking, or other household needs, home gardens, and watering of lawns or domestic animals *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Use of Water for Fisheries refers to the utilization of water for the propagation of culture of fish as a commercial enterprise *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Use of Water for Industrial Purposes refers to the utilization of water in factories, industrial plants, and mines, including the use of water as an ingredient of a finished product (*RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes"*).

Use of Water for Irrigation refers to the utilization of water for producing agricultural crops (*RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes"*).

Use of Water for Livestock Raising refers to the utilization of water for large herds or flocks of animals raised as a commercial enterprise (*RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes"*).

Use of Water for Municipal Purposes refers to the utilization of water for supplying water requirements of the community (*RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes"*).

Use of Water for Power Generation refers to the utilization of water for producing electrical or mechanical power (*RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes"*).

Use of Water for Recreational Purposes refers to the utilization of water for swimming pools, bath houses, boating, water skiing, golf courses, and other similar facilities in resorts and other places of recreation (*RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes"*).

Value of Crop Production is derived by multiplying the volume of production by the producer or farmgate price (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Vector Borne Diseases are transmitted by vectors (e.g., insects and arachnids) that carry viruses, bacteria, protozoa and other pathogens, as defined by the World Health Organization. Common vector borne diseases include but are not limited to malaria, dengue fever, yellow fever, and Lyme disease *(UN Framework for the Development of Environment Statistics 2013).*

Volatile Organic Compounds are organic chemical compounds that evaporate readily and contribute to air pollution mainly through the production of photochemical oxidants *(UN Environment Glossary Updated Web Version 2001)*.

Volume of Crop Production is expressed in million metric tons. It is the average production per hectare or yield expressed in metric tons (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Volume of Fisheries Production (Commercial, Municipal, and Aquaculture) is the quantity of fish catch, harvested/produced expressed in metric tons (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Vulnerable Species refers to species or subspecies that is not critically endangered or endangered but is under threat from adverse factors throughout their range and is likely to move to the endangered category in the near future *(RA No. 9147 "An Act Providing for the Conservation and Protection of Wildlife Resources and Their Habitats, Appropriating Funds Therefor and For Other Purposes").*

Waste refers to any material either solid, liquid, semisolid, contained gas or other forms resulting from industrial, commercial, mining, or agricultural operations, or from community and household activities that is devoid of usage and discarded *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Waste Collection is the collection and transport of waste to the place of treatment or discharge by municipal services or similar institutions, or by public or private corporations, specialized enterprises, or general government. Collection of municipal waste may be selective, that is to say, carried out for a specific type of product, or undifferentiated, in other words, covering all kinds of waste at the same time *(UN Environment Glossary Updated Web Version 2001)*.

Waste Management includes collection, transport, treatment, and disposal of waste; control, monitoring, and regulation of the production, collection, transport, treatment, and disposal of waste; and prevention of waste production through in-process modifications, reuse, and recycling *(UN Environment Glossary Updated Web Version 2001)*.

Wastewater refers to waste in liquid state that contains pollutants. It also refers to used water that is typically discharged into the sewage system and contains matter and bacteria in solution or suspension *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes"; UN Glossary of Environment Statistics).*

Water Abstraction is the removal of water from any source, either permanently or temporarily. Minewater and drainage water are included. Water abstractions from groundwater resources are defined as the difference between the total amount of water withdrawn from aquifers and the total amount charged artificially or injected into aquifers *(UN Environment Glossary Updated Web Version 2001)*.

Water Body refers to both natural and man-made bodies of fresh, brackish, and saline waters, and includes but is not limited to aquifers, groundwater, springs, creeks, streams, rivers, ponds, lagoons, water reservoirs, lakes, bays, estuarine, and coastal and marine waters. These do not refer to those constructed, developed, and used purposely as water treatment facilities and or water storage for recycling and reuse that are integral to process industry or manufacturing *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Water Pollution is any alteration of the physical, chemical, biological, or radiological properties of a water body resulting in the impairment of its purity or quality *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes").*

Water Quality is the set of characteristics of water, which defines its use in terms of physical, chemical, biological, bacteriological, or radiological characteristics by which the acceptability of water is evaluated *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and for Other Purposes")*

Water Quality Criteria define specific levels of water quality desired for identified uses, including drinking, recreation, farming, fish production, propagation of other aquatic life, and agricultural and industrial processes (*UN Environment Glossary Updated Web Version 2001*).

Water Quality Guideline is the level for a water constituent or numerical values of physical, chemical, biological, and bacteriological or radiological parameters, which are used to classify water resources and their use, which does not result in significant health risk and which are not intended for direct enforcement but only for water quality management purposes, such as determining time trends, evaluating stages of deterioration, or enhancing the water quality, and as basis for taking positive action in preventing, controlling, or abating water pollution *(RA No. 9275 "An Act Providing for a Comprehensive Water Quality Management and For Other Purposes").*

Water-related Diseases and Conditions result from microorganisms in the water humans drink as defined by the World Health Organization. They include but are not limited to diarrheal disease, gastroenteritis, and water borne parasite infections *(UN Framework for the Development of Environment Statistics 2013).*

Water Resource is fresh and brackish water, regardless of their quality, in inland water bodies that include surface water, groundwater, and soil water (*UN Framework for the Development of Environment Statistics 2013*).

Watershed is a land area drained by a stream or fixed body of water and its tributaries having a common outlet for surface-runoff *(PD No. 1559 "Further Amending PD No. 705, Otherwise Known as the Revised Forestry Code of the Philippines").*

Watershed Reservation is a forest land reservation established to protect or improve the conditions of the water yield thereof or reduce sedimentation *(PD No. 1559 "Further Amending PD No. 705, Otherwise Known as the Revised Forestry Code of the Philippines").*

Weather is a day-to-day or sometimes even instantaneous change of atmospheric conditions over a given place or area. In contrast, climate encompasses the statistical ensemble of all weather conditions during a long period of time over that place or area. Atmospheric conditions are measured by the meteorological parameters of air temperature, barometric pressure, wind velocity, humidity, clouds, and precipitation (*UN Environment Glossary Updated Web Version 2001*).

White Corn is corn grown and used mainly for human consumption and for manufacture of corn byproducts such as cornstarch, corn oil, syrup, dextrins, glucose, and gluten (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Wildlife Sanctuary comprises an area that assures the natural conditions necessary to protect nationally significant species, groups of species, biotic communities, or physical features of the environment where these may require specific human manipulation for perpetuation *(RA No. 7586 "An Act Providing for the Establishment and Management of National Integrated Protected Areas System, Defining Its Scope and Coverage, and For Other Purposes").*

Wind Energy is energy that can be derived from wind that is converted into useful electrical or mechanical energy *(RA No. 9513 "An Act Promoting the Development, Utilization and Commercialization of Renewable Energy Resources and for Other Purposes").*

Wooded Grassland is an area predominantly vegetated with grasses, such as *Imperata*, *Themeda*, and *Saccharum*, and where trees cover between 5% to 10% of the area and their height may reach five meters at maturity *(DENR Memorandum Circular 2005-05).*

Yellow Corn is corn mainly used as feed grains and includes corn types other than the white variety (*PSA-Bureau of Agricultural Statistics Glossary of Terms online*).

Bibliography

Bibliography

Component One

United Nations (2013). *Framework for the Development of Environment Statistics 2013*. Sales No. 14.XVII.9. Available from https://unstats.un.org/unsd/environment/fdes/FDES-2015-supporting-tools/FDES.pdf.

United Nations, et. al. (2012). *System of Environmental-Economic Accounting 2012 Central Framework*. Sales No. E.12.XVII.12. Available from https://unstats.un.org/unsd/envaccounting/seearev/seea_cf_final_en.pdf.

United Nations. *Sustainable Development Knowledge Platform*. Retrieved from https://sustainabledevelopment.un.org/

Philippine Atmospheric, Geophysical and Astronomical Services Administration. *Climate of the Philippines*. Retrieved from http://bagong.pagasa.dost.gov.ph/information/climate-philippines.

Component Two

United Nations (2013). *Framework for the Development of Environment Statistics 2013*. Sales No. 14.XVII.9. Available from https://unstats.un.org/unsd/environment/fdes/FDES-2015-supporting-tools/FDES.pdf.

United Nations, et. al. (2012). *System of Environmental-Economic Accounting 2012 Central Framework*. Sales No. E.12.XVII.12. Available from https://unstats.un.org/unsd/envaccounting/seearev/seea_cf_final_en.pdf.

Component Three

United Nations (2013). *Framework for the Development of Environment Statistics 2013*. Sales No. 14.XVII.9. Available from https://unstats.un.org/unsd/environment/fdes/FDES-2015-supporting-tools/FDES.pdf.

United Nations, et. al. (2012). *System of Environmental-Economic Accounting 2012 Central Framework*. Sales No. E.12.XVII.12. Available from https://unstats.un.org/unsd/envaccounting/seearev/seea_cf_final_en.pdf.

United Nations. *Sustainable Development Knowledge Platform*. Retrieved from https://sustainabledevelopment.un.org/

Federated States of Micronesia (1999). *Second National Communication to the United Nations Framework Convention on Climate Change*. Available from https://unfccc.int/resource/docs/natc/fsmnc2.pdf

National Solid Waste Management Commission (2014). ”In the Philippines, the Solid Waste Management Division (SWMD) of the EMB is the primary office in charge of implementing Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000”

Component Four

Centre for Research on the Epidemiology of Disasters. Classification. https://www.emdat.be/classification

United Nations (2013). *Framework for the Development of Environment Statistics 2013*. Sales No. 14.XVII.9. Available from https://unstats.un.org/unsd/environment/fdes/FDES-2015-supporting-tools/FDES.pdf.

United Nations, et. al. (2012). *System of Environmental-Economic Accounting 2012 Central Framework*. Sales No. E.12.XVII.12. Available from https://unstats.un.org/unsd/envaccounting/seearev/seea_cf_final_en.pdf.

United Nations (2015). *Sendai Framework for Disaster Risk Reduction.* Available from https://www.unisdr.org/files/43291_sendaiframeworkfordrren.pdf

Component Five

United Nations (2013). *Framework for the Development of Environment Statistics 2013*. Sales No. 14.XVII.9. Available from https://unstats.un.org/unsd/environment/fdes/FDES-2015-supporting-tools/FDES.pdf.

United Nations, et. al. (2012). *System of Environmental-Economic Accounting 2012 Central Framework*. Sales No. E.12.XVII.12. Available from https://unstats.un.org/unsd/envaccounting/seearev/seea_cf_final_en.pdf.

Component Six

United Nations, et. al. (2012). *System of Environmental-Economic Accounting 2012 Central Framework*. Sales No. E.12.XVII.12. Available from https://unstats.un.org/unsd/envaccounting/seearev/seea_cf_final_en.pdf.

The **Compendium of Philippine Environment Statistics (CPES)** is one of the PSA publications that aims to be a source of information for planning, policy, program and project formulation for the environment and the cross cutting environmental issues. It is a compilation of environment and natural resources statistics that are collected from different government agencies and existing statistical publications.

The **CPES 2016** presents data based on the revised United Nations Framework for the Development of Environment Statistics (FDES) 2013. These include the FDES Basic Set of Environment Statistics, which has six components: (1) Environmental conditions and quality, (2) Environmental resources and their use, (3) Residuals, (4) Extreme events and disasters, (5) Human settlements and environmental health, and (6) Environment protection, management and engagement.

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