Compendium of Philippine Environment Statistics

2008-2017

STATISTICAL TABLES

REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY
SOLID · RESPONSIVE · WORLD-CLASS

LIST OF DATA SOURCES

Climate Change Commission

Department of Agriculture
- Bureau of Soils and Water Management
- Fertilizer and Pesticide Authority

Department of Budget and Management

Department of Energy
- Energy Policy and Planning Bureau

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
  - National Solid Waste Management Commission
- Forest Management Bureau
- Laguna Lake Development Authority
- Mines and Geosciences Bureau
- National Mapping and Resource Information Authority
- National Water Resources Board

Department of Health
- Epidemiology Bureau

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

Department of Transportation
- Land Transportation Office

Department of National Defense
- Office of Civil Defense
  - National Disaster Risk Reduction and Management Council

Metropolitan Waterworks and Sewerage System
- Maynilad Water Services Inc.
- Manila Water Company Inc.

Philippine Statistics Authority

Statistical Tables

Environmental Conditions and Quality

Table 1.1.1
TEMPERATURE BY MONITORING STATION
2008
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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	22.1	20.9	22.4	25.9	26.3	27.8	27.4	27.2	27.3	26.8	24.4	21.5
Borongan, Eastern 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

Continued

Table 1.1.1 *(Continued)*
TEMPERATURE BY MONITORING STATION
2008
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
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
General Santos, 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

Continued

Table 1.1.1 *(Continued)*
TEMPERATURE BY MONITORING STATION
2008
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
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

Continued

Table 1.1.1 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2008
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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 (former Vigan Station)												
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
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
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
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, 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, DOST

Table 1.1.2
TEMPERATURE BY MONITORING STATION
2009
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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	23.4	24.0	23.9	25.4	26.8	27.5	27.7	27.2	25.4	24.1	21.6
Borongan, Eastern 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

Continued

Table 1.1.2 *(Continued)*
TEMPERATURE BY MONITORING STATION
2009
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
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
General Santos, 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

Continued

Table 1.1.2 *(Continued)*
TEMPERATURE BY MONITORING STATION
2009
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
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

Continued

Table 1.1.2 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2009
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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 (former Vigan Station)												
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
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
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
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, 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, DOST

Table 1.1.3
TEMPERATURE BY MONITORING STATION
2010
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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	23.5	23.3	24.9	26.8	27.5	28.0	27.2	26.6	25.9	23.5	21.8
Borongan, Eastern 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

Continued

Table 1.1.3 *(Continued)*
TEMPERATURE BY MONITORING STATION
2010
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
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
General Santos, 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

Continued

Table 1.1.3 *(Continued)*
TEMPERATURE BY MONITORING STATION
2010
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
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

Continued

Table 1.1.3 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2010
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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 (former Vigan Station)												
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
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	...
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
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, 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, DOST

Table 1.1.4
TEMPERATURE BY MONITORING STATION
2011
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	28.1	28.8	28.9	31.1	32.9	...	...	...	...	...	...	...
Minimum Temperature	22.4	21.9	22.6	22.9	23.4	...	...	...	...	...	...	...
Mean Temperature	25.3	25.4	25.8	27.0	28.2	...	...	...	...	...	...	...
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	22.5	24.4	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	21.1	20.5	22.7	26.0	27.2	26.7	27.0	25.9	25.2	24.2	20.3
Borongan, Eastern 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

Continued

Table 1.1.4 *(Continued)*
TEMPERATURE BY MONITORING STATION
2011
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
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
General Santos, 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

Continued

Table 1.1.4 *(Continued)*
TEMPERATURE BY MONITORING STATION
2011
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
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

Continued

Table 1.1.4 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2011
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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 (former Vigan Station)												
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
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
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
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, 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, DOST

Table 1.1.5
TEMPERATURE BY MONITORING STATION
2012
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	29.2	29.4	30.1	32.6	33.0	32.8	31.5	31.6	31.5	31.1	31.1	30.6
Minimum Temperature	21.3	23.4	23.6	24.1	24.3	24.8	24.2	24.4	24.3	23.7	24.2	23.7
Mean Temperature	25.3	26.4	26.9	28.4	28.7	28.8	27.9	28.0	27.9	27.4	27.7	27.2
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	26.5	25.9	25.3	23.9	23.3	21.4
Borongan, Eastern 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

Continued

Table 1.1.5 *(Continued)*
TEMPERATURE BY MONITORING STATION
2012
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
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
General Santos, 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

Continued

Table 1.1.5 *(Continued)*
TEMPERATURE BY MONITORING STATION
2012
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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	27.0	28.6	28.0	27.6	28.0	27.7	27.0	27.2	26.9
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
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

Continued

Table 1.1.5 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2012
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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 (former Vigan Station)												
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
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
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
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, 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, DOST

Table 1.1.6
TEMPERATURE BY MONITORING STATION
2013
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	28.7	29.5	30.7	33.2	33.3	32.9	31.6	31.3	30.3	30.8	30.1	29.4
Minimum Temperature	23.3	23.4	23.5	24.0	24.7	24.6	24.0	24.2	24.0	23.5	23.8	23.7
Mean Temperature	26.0	26.5	27.1	28.6	29.0	28.8	27.8	27.8	27.2	27.2	27.0	26.6
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	20.3	21.4	22.7	23.1	25.5	26.9	26.1	25.7	24.8	23.7	23.3	20.7
Borongan, Eastern 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	28.2	28.8	28.3	27.7	27.9	28.2	27.9	27.3	28.1
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

Continued

Table 1.1.6 *(Continued)*
TEMPERATURE BY MONITORING STATION
2013
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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	22.7	23.4	24.4	25.4	26.0	25.3	25.3	25.4	25.1	24.0	...	26.4
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
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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
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	...	...	...
General Santos, 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

Continued

Table 1.1.6 *(Continued)*
TEMPERATURE BY MONITORING STATION
2013
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
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	...	...	...	...	...	...	...	...	...	...	...	...
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	...	...	...	...	...	...	...	...	...	...	...	...
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

Continued

Table 1.1.6 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2013
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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 (former Vigan Station)												
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
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
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	26.7	27.3	27.7	28.5	29.4	28.3	28.2	28.5	...	...	...	...
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, 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, DOST

Table 1.1.7
TEMPERATURE BY MONITORING STATION
2014
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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	25.1	28.0	28.1	27.8	27.3	27.2	25.2	23.9	21.1
Borongan, Eastern 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

Continued

Table 1.1.7 *(Continued)*
TEMPERATURE BY MONITORING STATION
2014
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	22.2	22.5	22.9	23.7	24.0	23.8	22.8	22.5	21.4	23.9	23.7	23.6
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
General Santos, 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

Continued

Table 1.1.7 *(Continued)*
TEMPERATURE BY MONITORING STATION
2014
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
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
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

Continued

Table 1.1.7 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2014
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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 (former Vigan Station)												
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
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
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
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, 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, DOST

Table 1.1.8
TEMPERATURE BY MONITORING STATION
2015
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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	30.6	29.8
Minimum Temperature	22.3	22.2	22.7	24.0	24.4	24.7	24.5	24.3	24.2	24.3	24.4	23.7
Mean Temperature	25.1	25.3	26.3	27.7	29.1	29.0	28.4	28.4	28.4	28.1	27.5	26.8
Ambulong, Batangas												
Maximum Temperature	25.6	30.4	31.7	34.0	34.7	34.0	32.0	32.3	32.6	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	23.7	25.8	26.6	28.7	29.4	29.4	28.1	28.1	28.0	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	23.4	25.2	26.7	28.3	27.1	27.4	26.9	24.9	24.8	22.6
Borongan, Eastern 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

Continued

Table 1.1.8 *(Continued)*
TEMPERATURE BY MONITORING STATION
2015
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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	24.9	21.8	22.7	24.5	25.0	25.1	23.9	24.2	24.4	24.4	24.4	23.4
Mean Temperature	26.7	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	24.4	24.1	24.3	25.1	24.0
Mean Temperature	27.5	27.4	27.6	29.0	29.5	28.8	27.9	28.0	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	31.5	31.7	32.3	32.2	33.3	31.6
Minimum Temperature	21.5	21.3	22.4	24.6	25.2	25.3	24.8	24.5	24.6	24.1	24.0	22.9
Mean Temperature	26.0	26.6	27.9	29.9	29.6	29.9	28.2	28.1	28.5	28.2	28.7	27.3
Cuyo, Palawan												
Maximum Temperature	30.0	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	27.7	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	33.2	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	27.9	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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	23.5	21.4	22.1	21.9	22.6	23.5	23.2	23.3	22.7	22.9	23.6	23.4
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
General Santos, South Cotabato												
Maximum Temperature	33.0	34.6	35.7	35.4	34.9	32.3	32.2	31.7	32.2	33.5	34.1	35.0
Minimum Temperature	22.4	22.5	23.8	23.7	23.6	23.1	22.8	22.7	22.8	22.7	23.2	25.4
Mean Temperature	27.7	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	24.2	23.7
Mean Temperature	26.5	26.3	26.5	27.3	...	27.9	29.0	...	28.4	28.6	27.1	26.9

Continued

Table 1.1.8 *(Continued)*
TEMPERATURE BY MONITORING STATION
2015
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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		24.9	25.4	25.3	24.3	24.3	24.8	23.4	23.7	22.6
Mean Temperature	25.5	25.3	31.4	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	23.1	24.3	25.4	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	20.2	21.3	22.5	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	27.0	24.4	24.4	...	22.2	21.7
Mean Temperature	24.1	24.9	26.1	27.8	28.5	29.2	28.6	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
Maasin, Southern Leyte												
Maximum Temperature	28.3	29.5	30.1	32.8	31.8	30.9	29.4	30.2	30.2	30.8	30.5	30.1
Minimum Temperature	23.0	23.1	23.5	24.8	25.5	25.3	25.0	25.3	24.6	25.0	24.5	24.0
Mean Temperature	25.7	26.3	26.8	28.8	28.7	28.1	27.2	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
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	32.2	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

Continued

Table 1.1.8 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2015
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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	24.5	24.8	24.7	24.4	23.7	22.6
Mean Temperature	25.0	25.8	26.9	29.4	30.0	29.7	28.1	28.5	28.7	28.2	28.3	26.9
Sinait, Ilocos Sur (former Vigan Station)												
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
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
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
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	18.1	17.9	18.7	20.3	21.6	21.4	19.7	20.4	21.0	20.7	20.4	19.9
Mean Temperature	20.5	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	33.3	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	28.4	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	33.3	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	28.9	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, Zamboanga Del Sur												
Maximum Temperature	33.4	33.5	34.4	34.3	33.0	33.0	...	32.9	32.9	33.1	33.4	33.7
Minimum Temperature	23.7	23.2	22.8	23.8	23.8	24.1	...	24.5	23.9	23.9	24.0	23.6
Mean Temperature	28.6	28.4	28.6	29.1	28.4	28.6	...	28.7	28.4	28.5	28.7	28.7

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

Table 1.1.9
TEMPERATURE BY MONITORING STATION
2016
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	29.5	28.8	30.4	32.6	33.4	33.3	32.7	32.7	32.6	31.3	29.9	29.4
Minimum Temperature	23.0	22.5	23.0	24.3	24.9	24.6	24.4	25.3	24.5	24.3	23.1	23.7
Mean Temperature	26.3	25.7	26.7	28.5	29.2	29.0	28.6	29.0	28.6	27.8	26.5	26.6
Ambulong, Batangas												
Maximum Temperature	31.0	30.7	33.5	35.8	35.9	34.5	33.7	31.8	32.6	32.0	31.6	31.0
Minimum Temperature	22.4	22.5	22.1	24.2	25.0	24.6	24.1	25.0	24.1	23.8	23.5	23.8
Mean Temperature	26.7	26.6	27.8	30.0	30.5	29.6	28.9	28.4	28.4	27.9	27.6	27.4
Aparri, Cagayan												
Maximum Temperature	27.3	25.7	...	...	33.1	33.4	33.2	32.1	31.6	31.0	28.3	26.5
Minimum Temperature	22.3	21.6	...	...	25.7	26.3	26.5	26.0	25.7	25.4	24.2	24.1
Mean Temperature	24.8	23.7	...	...	29.4	29.9	29.9	29.1	28.7	28.2	26.3	25.3
Baguio City, Benguet												
Maximum Temperature	23.2	22.8	24.0	26.2	25.0	24.6	23.8	21.3	23.0	23.2	...	23.8
Minimum Temperature	14.0	13.6	14.9	16.3	17.0	16.7	16.2	16.1	16.0	15.8	...	14.8
Mean Temperature	18.6	18.2	19.5	21.3	21.0	20.7	20.0	18.7	19.5	19.5	...	19.3
Baler, Aurora (Radar)												
Maximum Temperature	29.9	29.4	29.7	32.1	31.8	32.3	32.1	31.9	32.6	31.3	30.3	28.6
Minimum Temperature	22.2	21.6	22.7	24.0	24.4	24.8	24.9	25.0	25.0	23.8	23.2	22.6
Mean Temperature	26.1	25.5	26.2	28.1	28.1	28.6	28.5	28.5	28.8	27.6	26.8	25.6
Basco, Batanes (Radar)												
Maximum Temperature	25.0	23.6	24.7	29.4	30.4	30.7	30.6	29.8	29.3	28.8	27.0	25.0
Minimum Temperature	19.1	17.9	19.8	24.4	25.2	25.5	25.6	25.3	24.7	24.3	21.9	20.5
Mean Temperature	22.1	20.8	22.3	26.9	27.8	28.1	28.1	27.6	27.0	26.6	24.5	22.8
Borongan, Eastern Samar												
Maximum Temperature	29.5	29.0	30.1	31.6	31.5	31.5	31.4	32.6	32.0	31.2	30.0	29.7
Minimum Temperature	23.3	23.1	22.8	24.4	24.6	24.4	24.2	24.6	24.3	24.2	23.3	24.0
Mean Temperature	26.4	26.1	26.5	28.0	28.1	28.0	27.8	28.6	28.2	27.7	26.7	26.9
Butuan City, Agusan Del Norte												
Maximum Temperature	32.4	31.9	33.6	35.0	34.8	34.0	33.1	34.0	32.9	32.6	30.7	31.5
Minimum Temperature	23.1	22.9	23.7	24.8	25.3	24.9	24.6	25.1	24.5	24.6	23.9	24.1
Mean Temperature	27.8	27.4	28.7	29.9	30.1	29.5	28.9	29.6	28.7	28.6	27.3	27.8
Cabanatuan, Nueva Ecija												
Maximum Temperature	31.9	31.9	33.6	36.4	35.7	34.2	33.5	31.4	32.5	32.4	32.5	32.2
Minimum Temperature	22.6	22.2	23.5	24.7	25.3	25.1	24.6	24.5	24.4	24.2	23.4	23.6
Mean Temperature	27.3	27.1	28.6	30.6	30.5	29.7	29.1	28.0	28.5	28.3	28.0	27.9
Calapan, Oriental Mindoro												
Maximum Temperature	30.2	29.5	31.7	33.4	33.4	32.4	31.7	31.4	32.0	31.1	30.5	29.9
Minimum Temperature	23.1	22.9	23.9	24.7	24.7	24.0	24.1	23.9	23.9	23.7	23.3	23.2
Mean Temperature	26.7	26.2	27.8	29.1	29.1	28.2	27.9	27.7	28.0	27.4	26.9	26.6
Calayan, Cagayan												
Maximum Temperature	29.1	28.7	29.5	33.0	33.8	33.9	33.5	32.2	31.7	31.4	30.0	28.6
Minimum Temperature	21.2	19.0	20.9	23.1	24.1	24.4	24.5	24.6	24.5	24.0	23.0	23.1
Mean Temperature	25.2	23.9	25.2	28.1	29.0	29.2	29.0	28.4	28.1	27.7	26.5	25.9
Casiguran, Aurora												
Maximum Temperature	28.6	27.8	29.2	32.1	33.2	33.3	33.0	32.4	32.9	31.4	30.4	29.0
Minimum Temperature	21.4	21.0	22.2	23.2	24.6	25.3	24.7	25.1	24.6	23.9	22.9	22.6
Mean Temperature	25.0	24.4	25.7	27.7	28.9	29.3	28.9	28.8	28.8	27.7	26.7	25.8
Catarman, Northern Samar												
Maximum Temperature	29.4	28.8	30.2	32.4	33.5	33.3	31.6	32.8	32.7	31.2	...	30.0
Minimum Temperature	22.5	22.8	22.0	23.3	24.5	24.7	23.6	25.1	24.5	24.0	...	23.2
Mean Temperature	26.0	25.8	26.1	27.9	29.0	29.0	27.6	29.0	28.6	27.6	...	26.6
Catbalogan, Western Samar												
Maximum Temperature	31.9	31.9	33.8	35.1	35.0	33.9	33.0	33.8	33.6	32.4	31.5	31.7
Minimum Temperature	23.4	23.3	24.3	25.5	26.3	25.8	25.1	27.0	26.0	25.4	24.0	24.6
Mean Temperature	27.7	27.6	29.1	30.3	30.7	29.9	29.1	30.4	29.8	28.9	27.8	28.2

Continued

Table 1.1.9 *(Continued)*
TEMPERATURE BY MONITORING STATION
2016
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Clark International Airport, Pampanga												
Maximum Temperature	...	30.7	32.8	35.2	34.2	...	32.4	30.4	31.4	31.4	31.2	31.1
Minimum Temperature	...	22.8	24.4	25.6	25.9	...	25.1	24.8	24.6	24.6	24.1	24.3
Mean Temperature	...	26.8	28.6	30.4	30.1	...	28.8	27.6	28.0	28.0	27.7	27.7
Coron, Palawan												
Maximum Temperature	33.6	32.6	33.7	34.6	34.8	33.2	31.9	30.9	31.7	31.6	31.5	32.8
Minimum Temperature	24.1	23.5	24.2	25.3	25.7	24.7	24.2	24.5	24.1	24.2	24.0	24.3
Mean Temperature	28.9	28.1	29.0	30.0	30.3	29.0	28.1	27.7	27.9	27.9	27.8	28.6
Cotabato City, Maguindanao												
Maximum Temperature	34.3	34.4	35.2	35.4	34.2	32.9	33.4	33.3	33.3	33.2	33.2	33.3
Minimum Temperature	23.8	23.8	24.3	24.2	23.6	23.2	23.2	22.7	23.0	23.1	23.1	23.1
Mean Temperature	29.1	29.1	29.8	29.8	28.9	28.1	28.3	28.0	28.2	28.2	28.2	28.2
Cubi Point, Subic Bay Olongapo City, Zambales												
Maximum Temperature	31.5	32.2	33.4	30.2	29.9	33.3	32.5	30.3	31.1	31.9	32.5	32.1
Minimum Temperature	22.9	23.2	24.3	25.7	25.6	25.1	24.1	24.6	24.1	24.4	23.9	23.7
Mean Temperature	27.2	27.7	28.9	28.0	27.8	29.2	28.3	27.5	27.6	28.2	28.2	27.9
Cuyo, Palawan												
Maximum Temperature	32.1	31.6	32.7	33.6	33.5	32.5	31.9	31.7	32.1	31.8	32.0	32.3
Minimum Temperature	25.6	25.7	26.1	26.2	26.2	25.6	25.6	25.4	25.4	25.4	25.9	25.9
Mean Temperature	28.9	28.7	29.4	29.9	29.9	29.1	28.8	28.6	28.8	28.6	29.0	29.1
Daet, Camarines Norte												
Maximum Temperature	29.3	28.8	30.2	32.3	33.5	...	32.0	...	32.9	31.0	30.0	29.3
Minimum Temperature	23.0	21.6	22.6	24.7	24.6	...	23.3	...	23.6	23.0	23.7	22.9
Mean Temperature	26.2	25.2	26.4	28.5	29.1	...	27.7	...	28.3	27.0	26.9	26.1
Dagupan City, Pangasinan												
Maximum Temperature	31.8	31.2	33.0	35.9	35.0	33.9	32.9	30.8	31.7	31.5	32.0	32.1
Minimum Temperature	22.5	22.5	24.2	25.5	25.7	25.5	24.9	24.7	25.0	24.8	24.0	23.8
Mean Temperature	27.2	26.9	28.6	30.7	30.4	29.7	28.9	27.8	28.4	28.2	28.0	28.0
Davao City, Davao Del Sur												
Maximum Temperature	33.3	33.0	34.5	35.2	34.2	33.1	33.0	33.4	33.1	33.0	31.9	31.6
Minimum Temperature	24.5	24.6	25.2	26.0	26.1	25.3	25.3	25.9	25.0	25.3	24.8	24.8
Mean Temperature	28.9	28.8	29.9	30.6	30.2	29.2	29.2	29.7	29.1	29.2	28.4	28.2
Dipolog, Zamboanga Del Norte												
Maximum Temperature	31.8	31.6	33.1	33.6	33.1	32.6	32.8	33.1	32.7	32.1	31.4	31.4
Minimum Temperature	23.4	23.7	23.5	23.9	23.6	23.6	23.6	23.5	23.5	23.5	23.4	23.7
Mean Temperature	27.6	27.7	28.3	28.8	28.4	28.1	28.2	28.3	28.1	27.8	27.4	27.6
Dumaguete City, Negros Oriental												
Maximum Temperature	30.5	...	31.4	32.3	32.3	32.4	32.2	33.1	32.1	31.8	30.5	30.6
Minimum Temperature	24.6	...	24.8	26.5	27.0	25.5	25.1	24.8	24.8	25.0	24.9	25.2
Mean Temperature	27.6	...	28.1	29.4	29.7	29.0	28.7	29.0	28.5	28.4	27.7	27.9
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	22.3	22.8	23.1	23.3	24.8	24.5	24.1	24.0	24.1	24.1	23.8	23.0
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
General Santos, South Cotabato												
Maximum Temperature	35.3	35.6	37.3	37.5	35.8	33.0	33.8	32.7	32.7	32.6	32.5	31.8
Minimum Temperature	22.7	23.1	23.6	24.6	24.6	23.3	23.2	23.3	23.0	23.0	23.2	22.7
Mean Temperature	29.0	29.4	30.5	31.1	30.2	28.2	28.5	28.0	27.9	27.8	27.9	27.3
Guiuan, Eastern Samar												
Maximum Temperature	28.9	29.1	30.7	32.3	22.0	31.8	31.3	32.7	33.1	31.8	30.2	33.0
Minimum Temperature	23.3	23.3	24.0	24.8	25.2	24.5	24.1	24.9	24.7	24.4	23.8	22.2
Mean Temperature	26.1	26.2	27.4	28.6	23.6	28.2	27.7	28.8	28.9	28.1	27.0	27.6
Hinatuan, Surigao Del Sur												
Maximum Temperature	29.8	29.5	30.3	31.0	31.5	32.6	32.8	34.3	32.9	32.0	30.4	30.6
Minimum Temperature	23.3	23.3	23.3	24.3	24.9	24.6	24.4	24.8	24.2	24.2	23.8	24.1
Mean Temperature	26.6	26.4	26.8	27.7	28.2	28.6	28.6	29.6	28.6	28.1	27.1	27.4

Continued

Table 1.1.9 *(Continued)*
TEMPERATURE BY MONITORING STATION
2016
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Iba, Zambales												
Maximum Temperature	31.3	31.1	32.0	34.9	35.1	32.9	31.5	...	30.8	31.1	32.7	32.2
Minimum Temperature	21.9	21.9	22.9	24.6	25.4	24.4	23.7	...	23.8	23.7	23.3	23.1
Mean Temperature	26.6	26.5	27.5	29.8	30.3	28.7	27.6	...	27.3	27.4	28.0	27.7
Infanta, Quezon												
Maximum Temperature	29.3	28.4	29.6	32.0	32.6	33.1	32.5	32.7	33.0	31.4	30.0	28.8
Minimum Temperature	23.4	22.8	23.2	24.7	25.5	25.0	25.0	25.8	24.6	24.2	23.6	22.5
Mean Temperature	26.4	25.6	26.4	28.4	29.1	29.1	28.8	29.3	28.8	27.8	26.8	25.7
Itbayat, Batanes												
Maximum Temperature	25.3	24.0	25.0	30.3	31.9	31.7	31.5	31.0	30.1	29.4	...	...
Minimum Temperature	19.8	18.1	19.5	23.6	24.9	25.8	25.5	25.4	24.7	24.3	...	...
Mean Temperature	22.6	21.1	22.3	27.0	28.4	28.8	28.5	28.2	27.4	26.9	...	...
Laoag City, Ilocos Norte												
Maximum Temperature	30.1	29.4	30.5	32.5	33.8	32.6	32.1	30.2	31.0	31.5	31.8	30.9
Minimum Temperature	20.7	21.0	22.5	24.2	25.6	25.2	24.7	24.6	24.6	24.4	23.0	23.3
Mean Temperature	25.4	25.2	26.5	28.4	29.7	28.9	28.4	27.4	27.8	28.0	27.4	27.1
Legazpi City, Albay												
Maximum Temperature	29.6	29.2	30.6	32.3	33.3	33.1	32.4	32.1	32.5	31.2	30.4	29.9
Minimum Temperature	24.3	24.0	24.9	26.2	26.8	26.2	25.7	26.5	26.0	25.4	25.1	25.2
Mean Temperature	27.0	26.6	27.8	29.3	30.1	29.7	29.1	29.3	29.3	28.3	27.8	27.6
Maasin, Southern Leyte												
Maximum Temperature	30.4	30.2	32.5	33.6	33.4	31.7	30.8	30.7	30.2	30.2	29.4	29.7
Minimum Temperature	23.7	23.6	24.4	25.6	25.7	25.3	24.7	25.5	24.4	24.5	24.0	24.6
Mean Temperature	27.1	26.9	28.5	29.6	29.6	28.5	27.8	28.1	27.3	27.4	26.7	27.2
Mactan International Airport, Cebu												
Maximum Temperature	30.6	30.3	31.9	33.7	33.7	32.8	32.0	33.1	32.8	31.8	30.9	31.0
Minimum Temperature	24.5	24.4	25.0	26.3	26.3	25.5	25.3	26.2	25.2	25.1	24.9	25.1
Mean Temperature	27.6	27.4	28.5	30.0	30.0	29.2	28.7	29.7	29.0	28.5	27.9	28.1
Malaybalay, Bukidnon												
Maximum Temperature	31.0	31.3	33.2	33.9	32.7	30.9	29.9	29.5	29.7	30.0	29.6	30.0
Minimum Temperature	16.6	17.2	17.4	18.7	19.8	20.0	19.3	18.9	18.8	19.1	18.8	18.9
Mean Temperature	23.8	24.3	25.3	26.3	26.3	25.5	24.6	24.2	24.3	24.6	24.2	24.5
Masbate, Masbate												
Maximum Temperature	30.7	30.3	31.6	33.2	33.8	33.3	32.6	32.9	33.2	31.8	31.1	...
Minimum Temperature	22.9	22.9	23.3	24.3	25.0	24.7	24.1	24.7	24.5	23.9	23.4	...
Mean Temperature	26.8	26.6	27.5	28.8	29.4	29.0	28.4	28.8	28.9	27.9	27.3	...
NAIA (MIA), Pasay City												
Maximum Temperature	31.8	31.6	33.6	35.6	35.5	33.5	33.1	31.4	31.9	32.2	31.8	31.6
Minimum Temperature	24.5	23.9	25.3	26.9	27.4	26.3	25.7	25.7	25.9	25.8	24.9	24.9
Mean Temperature	28.2	27.8	29.5	31.3	31.5	29.9	29.4	28.6	28.9	29.0	28.4	28.3
Port Area (MCO), Manila												
Maximum Temperature	31.7	31.0	33.2	35.4	35.2	33.9	33.3	31.6	32.2	32.5	32.1	31.3
Minimum Temperature	24.3	23.8	25.3	26.8	26.9	26.2	25.5	25.2	26.1	25.2	26.1	25.2
Mean Temperature	28.0	27.4	29.3	31.1	31.1	30.1	29.4	28.4	29.2	28.9	29.1	28.3
Puerto Princesa City, Palawan												
Maximum Temperature	31.7	31.7	32.9	33.9	33.8	32.4	32.3	32.2	32.0	31.6	31.5	31.6
Minimum Temperature	24.4	24.5	24.7	26.2	26.9	25.6	25.4	25.4	25.0	24.9	24.8	25.2
Mean Temperature	28.1	28.1	28.8	30.1	30.4	29.0	28.9	28.8	28.5	28.3	28.2	28.4
Romblon, Romblon												
Maximum Temperature	28.1	27.5	29.7	31.7	32.0	30.9	30.0	29.6	29.8	29.0	28.0	27.4
Minimum Temperature	23.8	23.3	24.3	25.7	26.3	26.6	25.3	25.7	25.4	25.2	24.8	24.5
Mean Temperature	26.0	25.4	27.0	28.7	29.2	28.8	27.7	27.7	27.6	27.1	26.4	26.0
Roxas City, Capiz												
Maximum Temperature	30.4	29.7	31.7	33.0	33.6	32.2	31.8	32.3	31.8	...	30.8	30.6
Minimum Temperature	25.5	25.3	25.9	26.6	26.7	25.7	25.6	25.8	25.4	...	25.7	25.6
Mean Temperature	28.0	27.5	28.8	29.8	30.2	29.0	28.7	29.1	28.6	...	28.3	28.1

Continued

Table 1.1.9 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2016
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
San Jose, Occidental Mindoro												
Maximum Temperature	32.9	33.3	34.3	35.9	35.3	32.4	31.8	31.1	31.2	31.1	32.1	32.9
Minimum Temperature	23.2	23.4	22.9	24.7	25.0	24.1	23.4	21.9	23.0	23.2	22.7	23.3
Mean Temperature	28.1	28.4	28.6	30.3	30.2	28.3	27.6	26.5	27.1	27.2	27.4	28.1
Sangley Point, Cavite												
Maximum Temperature	31.3	30.8	32.8	35.0	34.8	33.4	33.1	31.1	32.3	32.0	31.1	30.9
Minimum Temperature	25.3	24.9	26.3	27.9	28.3	27.5	27.0	26.6	26.8	26.7	26.1	25.8
Mean Temperature	28.3	27.9	29.6	31.5	31.6	30.5	30.1	28.9	29.6	29.4	28.6	28.4
Science Garden, Quezon City												
Maximum Temperature	31.6	31.2	33.2	35.5	34.8	33.6	32.8	30.9	31.6	31.9	31.8	31.2
Minimum Temperature	22.7	22.2	23.8	25.1	26.0	25.5	24.8	25.8	25.2	24.9	23.9	23.9
Mean Temperature	27.2	26.7	28.5	30.3	30.4	29.6	28.8	28.4	28.4	28.4	27.9	27.6
Sinait, Ilocos Sur (former Vigan Station)												
Maximum Temperature	30.0	29.6	30.8	32.3	33.8	32.6	31.0	30.2	30.0	31.5	31.9	31.0
Minimum Temperature	21.4	21.1	22.7	24.6	25.8	25.0	25.0	24.3	24.0	24.0	23.0	22.6
Mean Temperature	25.7	25.4	26.8	28.5	29.8	28.8	28.0	27.3	27.0	27.8	27.5	26.8
Surigao, Surigao Del Norte												
Maximum Temperature	31.1	30.8	32.0	33.1	33.2	33.6	32.8	33.8	33.3	32.2	31.0	31.1
Minimum Temperature	23.2	23.1	23.8	24.5	24.7	24.7	24.2	25.2	24.2	24.1	23.2	23.4
Mean Temperature	27.2	27.0	27.9	28.8	29.0	29.2	28.5	29.5	28.8	28.2	27.1	27.3
Tagbilaran City, Bohol												
Maximum Temperature	30.9	30.8	32.2	33.2	33.3	31.8	31.9	32.0	31.7	31.2	30.9	31.0
Minimum Temperature	22.9	23.7	23.1	24.7	25.6	25.4	24.9	25.8	25.2	24.8	23.9	24.3
Mean Temperature	26.9	27.3	27.7	29.0	29.5	28.6	28.4	28.9	28.5	28.0	27.4	27.7
Tacloban City, Leyte												
Maximum Temperature	30.3	29.8	31.6	32.2	32.2	31.9	31.6	32.9	32.0	31.3	30.1	30.5
Minimum Temperature	23.7	23.7	24.2	25.5	25.9	25.4	25.2	26.1	25.3	25.3	24.2	24.7
Mean Temperature	27.0	26.8	27.9	28.9	29.1	28.7	28.4	29.5	28.7	28.3	27.2	27.6
Tanay, Rizal												
Maximum Temperature	24.9	24.3	26.6	29.1	29.1	28.2	27.3	25.5	26.2	26.3	24.7	24.4
Minimum Temperature	19.1	18.7	20.6	21.4	21.8	21.6	20.9	21.0	20.8	20.5	19.8	19.8
Mean Temperature	22.0	21.5	23.6	25.3	25.5	24.9	24.1	23.3	23.5	23.4	22.3	22.1
Tayabas, Quezon												
Maximum Temperature	28.8	28.3	30.3	31.9	33.0	33.4	32.0	31.7	32.2	30.6	29.6	28.5
Minimum Temperature	21.5	21.2	22.5	23.5	24.2	24.9	24.0	24.5	24.6	23.8	23.4	23.4
Mean Temperature	25.2	24.8	26.4	27.7	28.6	29.2	28.0	28.1	28.4	27.2	26.5	26.0
Tuguegarao, Cagayan												
Maximum Temperature	29.6	28.4	31.9	37.6	37.4	35.3	34.8	33.2	33.1	32.0	29.4	27.9
Minimum Temperature	20.8	20.4	22.6	24.4	24.9	24.8	24.4	25.4	24.1	23.7	22.5	22.3
Mean Temperature	25.2	24.4	27.3	31.0	31.2	30.1	29.6	29.3	28.6	27.9	26.0	25.1
Virac Synop, Catanduanes												
Maximum Temperature	29.5	29.3	30.0	31.1	31.8	31.9	31.5	32.9	32.5	31.0	30.3	29.7
Minimum Temperature	22.2	22.7	22.8	24.3	25.2	25.4	25.0	26.1	25.3	24.4	24.2	24.4
Mean Temperature	25.9	26.0	26.4	27.7	28.5	28.7	28.3	29.5	28.9	27.7	27.3	27.1
Zamboanga, Zamboanga Del Sur												
Inconsistent data	34.2	33.7	34.0	34.3	34.3	33.1	32.7	32.8	32.4	32.2	32.7	...
Minimum Temperature	23.4	24.2	24.0	25.2	25.2	24.5	24.6	24.8	24.3	24.3	24.0	...
Mean Temperature	28.8	29.0	29.0	29.8	29.8	28.8	28.7	28.8	28.4	28.3	28.4	...

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

Table 1.1.10
TEMPERATURE BY MONITORING STATION
2017
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alabat, Quezon												
Maximum Temperature	28.3	28.5	30.0	31.6	33.0	33.4	31.8	33.5	32.5	30.9	30.7	29.2
Minimum Temperature	23.2	22.5	23.1	23.7	25.0	24.4	24.4	24.2	24.3	23.8	24.3	23.5
Mean Temperature	25.8	25.5	26.6	27.7	29.0	28.9	28.1	28.9	28.4	27.4	27.5	26.4
Ambulong, Batangas												
Maximum Temperature	29.8	30.4	32.3	34.6	35.1	34.7	32.3	33.0	32.9	32.0	31.9	30.3
Minimum Temperature	22.9	21.4	22.4	23.8	25.0	24.2	24.4	24.2	24.1	24.0	24.5	23.7
Mean Temperature	26.4	25.9	27.4	29.2	30.1	29.5	28.4	28.6	28.5	28.0	28.2	27.0
Aparri, Cagayan												
Maximum Temperature	26.0	24.9	27.9	30.0	31.6	32.9	32.3	31.7	31.6	29.3	28.3	25.5
Minimum Temperature	22.2	21.8	23.5	25.1	26.0	26.8	26.5	26.2	26.4	25.3	25.0	23.1
Mean Temperature	24.1	23.4	25.7	27.6	28.8	29.9	29.4	29.0	29.0	27.3	26.7	24.3
Baguio City, Benguet												
Maximum Temperature	22.6	22.2	24.4	25.1	24.6	25.2	23.3	23.2	23.5	23.2	23.9	23.5
Minimum Temperature	13.1	12.8	14.7	15.9	16.9	17.0	16.5	16.6	16.7	16.2	16.1	14.8
Mean Temperature	17.9	17.5	19.6	20.5	20.8	21.1	19.9	19.9	20.1	19.7	20.0	19.2
Baler, Aurora (Radar)												
Maximum Temperature	27.2	27.5	29.4	30.7	32.1	32.0	30.3	32.0	31.6	30.5	29.1	28.0
Minimum Temperature	21.5	20.9	22.1	23.4	24.4	24.6	24.2	24.9	24.8	24.0	23.3	22.3
Mean Temperature	24.4	24.2	25.8	27.1	28.3	28.3	27.3	28.5	28.2	27.3	26.2	25.2
Basco, Batanes (Radar)												
Maximum Temperature	24.1	23.4	25.5	27.4	29.1	30.9	30.3	30.1	30.5	28.4	27.5	23.3
Minimum Temperature	19.2	18.4	19.6	21.6	23.7	25.8	24.9	24.8	25.3	23.6	22.5	18.8
Mean Temperature	21.7	20.9	22.6	24.5	26.4	28.4	27.6	27.5	27.9	26.0	25.0	21.1
Borongan, Eastern Samar												
Maximum Temperature	29.0	28.6	29.6	30.8	31.8	32.1	30.8	32.4	32.1	31.2	31.1	30.5
Minimum Temperature	24.1	23.4	23.5	23.7	24.7	24.0	23.1	23.3	24.3	24.0	25.0	24.3
Mean Temperature	26.6	26.0	26.6	27.3	28.3	28.1	27.0	27.9	28.2	27.6	28.1	27.4
Butuan City, Agusan Del Norte												
Maximum Temperature	29.9	29.8	31.0	32.6	33.8	33.6	32.8	33.4	33.0	32.5	31.9	31.3
Minimum Temperature	23.7	23.3	23.7	24.2	25.0	24.5	24.5	24.5	24.3	24.6	24.0	24.0
Mean Temperature	26.8	26.6	27.4	28.4	29.4	29.1	28.7	29.0	28.7	28.6	28.0	27.7
Cabanatuan, Nueva Ecija												
Maximum Temperature	31.4	31.5	33.6	35.6	35.9	34.8	32.5	32.9	32.6	32.4	32.2	31.8
Minimum Temperature	22.1	21.5	22.5	24.5	25.0	25.0	24.4	24.4	24.6	24.2	23.8	23.7
Mean Temperature	26.8	26.5	28.1	30.1	30.5	29.9	28.5	28.7	28.6	28.3	28.0	27.8
Calapan, Oriental Mindoro												
Maximum Temperature	29.5	29.4	30.6	32.1	33.2	32.9	31.1	31.9	32.0	31.0	30.6	29.8
Minimum Temperature	22.8	22.6	23.2	23.9	24.3	24.2	23.4	23.9	23.9	23.5	23.6	23.1
Mean Temperature	26.2	26.0	26.9	28.0	28.8	28.6	27.3	27.9	28.0	27.3	27.1	26.5
Calayan, Cagayan												
Maximum Temperature	27.9	27.4	29.3	31.5	32.6	33.3	33.5	32.5	...	...	...	...
Minimum Temperature	20.9	19.8	21.0	21.5	23.4	24.2	24.4	25.0	...	...	...	...
Mean Temperature	24.4	23.6	25.2	26.5	28.0	28.8	29.0	28.8	...	...	...	...
Casiguran, Aurora												
Maximum Temperature	27.8	27.4	29.5	31.1	33.4	33.4	31.6	33.1	32.8	31.4	29.7	28.0
Minimum Temperature	21.2	20.3	21.4	23.2	24.6	25.0	24.6	24.9	24.5	23.9	23.5	22.7
Mean Temperature	24.5	23.9	25.5	27.2	29.0	29.2	28.1	29.0	28.7	27.7	26.6	25.4
Catarman, Northern Samar												
Maximum Temperature	28.8	29.1	29.6	30.9	32.5	32.1	30.9	32.4	31.4	31.0	30.8	29.9
Minimum Temperature	22.9	23.2	24.2	23.4	24.6	24.2	24.1	24.3	23.9	24.1	24.4	23.9
Mean Temperature	25.9	26.2	26.9	27.2	28.6	28.2	27.5	28.4	27.7	27.6	27.6	26.9
Catbalogan, Western Samar												
Maximum Temperature	30.6	30.9	31.8	32.8	34.5	34.1	32.1	33.5	32.9	32.6	33.1	31.6
Minimum Temperature	23.9	23.2	22.8	24.6	26.0	25.6	25.2	25.8	25.2	24.7	25.9	24.2
Mean Temperature	27.3	27.1	27.3	28.7	30.3	29.9	28.7	29.7	29.1	28.7	29.5	27.9

Continued

Table 1.1.10 *(Continued)*
TEMPERATURE BY MONITORING STATION
2017
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Clark International Airport, Pampanga												
Maximum Temperature	29.8	30.5	33.0	34.4	34.2	33.6	31.4	32.1	31.8	31.7	31.1	30.8
Minimum Temperature	22.8	22.2	23.5	25.2	25.8	25.6	24.8	24.8	24.9	24.8	24.5	23.9
Mean Temperature	26.3	26.4	28.3	29.8	30.0	29.6	28.1	28.5	28.4	28.3	27.8	27.4
Coron, Palawan												
Maximum Temperature	32.4	32.9	33.6	34.4	32.9	33.0	31.3	31.8	31.9	31.1	32.5	32.0
Minimum Temperature	23.9	23.4	24.0	24.2	20.4	24.4	23.9	24.1	24.2	24.1	24.6	24.0
Mean Temperature	28.2	28.2	28.8	29.3	26.7	28.7	27.6	28.0	28.1	27.6	28.6	28.0
Cotabato City, Maguindanao												
Maximum Temperature	32.5	33.3	33.5	34.5	34.4	33.4	32.8	33.4	33.2	32.9	34.1	33.3
Minimum Temperature	22.7	23.0	23.2	23.6	23.6	23.1	23.0	22.9	23.1	22.8	23.3	23.0
Mean Temperature	27.6	28.2	28.4	29.1	29.0	28.3	27.9	28.2	28.2	27.9	28.7	28.2
Cubi Point, Subic Bay Olongapo City, Zambales												
Maximum Temperature	31.1	31.8	33.6	34.3	34.2	33.1	31.3	31.6	32.2	32.0	32.3	31.6
Minimum Temperature	22.8	22.6	23.1	25.1	25.8	25.0	24.4	24.3	24.6	24.5	24.5	24.0
Mean Temperature	27.0	27.2	28.4	29.7	30.0	29.1	27.9	28.0	28.4	28.3	28.4	27.8
Cuyo, Palawan												
Maximum Temperature	32.7	32.9	33.5	34.1	33.9	32.5	...	32.1	31.6	31.3	32.6	31.4
Minimum Temperature	25.8	25.9	26.0	26.1	25.8	25.6	...	25.6	25.2	25.2	25.5	25.3
Mean Temperature	29.3	29.4	29.8	30.1	29.9	29.1	...	28.9	28.4	28.3	29.1	28.4
Daet, Camarines Norte												
Maximum Temperature	28.5	28.4	29.6	31.1	32.9	33.4	31.8	32.4	31.7	30.4	30.4	28.9
Minimum Temperature	23.1	23.3	24.2	24.1	24.2	24.7	24.2	22.8	23.5	24.2	25.4	24.4
Mean Temperature	25.8	25.9	26.9	27.6	28.6	29.1	28.0	27.6	27.6	27.3	27.9	26.7
Dagupan City, Pangasinan												
Maximum Temperature	30.9	31.3	33.4	34.6	34.8	34.4	32.5	32.4	32.6	32.6	32.2	31.5
Minimum Temperature	22.2	22.3	23.3	25.2	25.7	25.6	24.8	25.2	24.9	24.4	24.1	22.8
Mean Temperature	26.6	26.8	28.4	29.9	30.3	30.0	28.7	28.8	28.8	28.5	28.2	27.2
Davao City, Davao Del Sur												
Maximum Temperature	30.5	30.9	31.8	33.0	32.8	32.1	32.2	32.3	...	33.0	31.8	32.6
Minimum Temperature	24.4	24.0	24.4	25.2	25.8	25.2	25.2	24.1	...	24.4	24.6	24.9
Mean Temperature	27.5	27.5	28.1	29.1	29.3	28.7	28.7	28.2	...	28.7	28.2	28.8
Dipolog, Zamboanga Del Norte												
Maximum Temperature	30.0	30.4	31.3	32.3	32.8	32.7	32.4	32.6	32.7	32.0	31.9	31.4
Minimum Temperature	23.3	23.5	23.4	23.6	24.3	24.3	24.0	24.2	24.3	24.2	24.5	24.4
Mean Temperature	26.7	27.0	27.4	28.0	28.6	28.5	28.2	28.4	28.5	28.1	28.2	27.9
Dumaguete City, Negros Oriental												
Maximum Temperature	28.9	28.9	29.6	31.0	32.1	32.3	31.8	32.3	32.0	30.7	30.9	30.3
Minimum Temperature	24.7	24.5	24.4	25.2	25.7	24.9	24.4	24.6	24.7	24.4	25.8	24.9
Mean Temperature	26.8	26.7	27.0	28.1	28.9	28.6	28.1	28.5	28.4	27.6	28.4	27.6
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)												
Maximum Temperature	...	...	...	...	...	...	...	...	...	...	...	...
Minimum Temperature	23.3	23.1	23.2	24.0	24.6	24.0	23.9	24.1	23.5	23.6	23.6	23.5
Mean Temperature	...	...	...	...	...	...	...	...	...	...	...	...
General Santos, South Cotabato												
Maximum Temperature	31.4	32.1	32.4	33.8	33.3	32.0	31.7	32.6	32.6	32.4	32.3	32.3
Minimum Temperature	22.4	22.3	22.7	23.3	23.4	22.6	22.8	22.8	22.8	22.7	23.1	23.0
Mean Temperature	26.9	27.2	27.6	28.6	28.4	27.3	27.3	27.7	27.7	27.6	27.7	27.7
Guiuan, Eastern Samar												
Maximum Temperature	29.9	29.7	30.6	32.0	33.2	34.0	31.2	32.7	32.4	31.3	31.4	30.4
Minimum Temperature	23.0	22.5	23.1	24.1	25.1	25.0	24.3	24.6	24.8	24.7	24.5	23.6
Mean Temperature	26.5	26.1	26.9	28.1	29.2	29.5	27.8	28.7	28.6	28.0	28.0	27.0
Hinatuan, Surigao Del Sur												
Maximum Temperature	29.5	28.8	30.2	31.6	32.6	33.1	32.5	33.0	32.5	32.3	30.5	30.4
Minimum Temperature	23.9	23.0	23.7	24.3	24.7	24.3	24.4	24.5	24.1	24.6	24.2	24.1
Mean Temperature	26.7	25.9	27.0	28.0	28.7	28.7	28.5	28.8	28.3	28.5	27.4	27.3

Continued

Table 1.1.10 *(Continued)*
TEMPERATURE BY MONITORING STATION
2017
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Iba, Zambales												
Maximum Temperature	31.4	31.9	32.5	33.5	33.7	32.6	31.6	31.2	31.0	31.0	31.5	30.9
Minimum Temperature	22.0	21.9	22.4	24.4	25.4	25.1	24.8	24.7	25.3	25.3	25.6	25.1
Mean Temperature	26.7	26.9	27.5	29.0	29.6	28.9	28.2	28.0	28.2	28.2	28.6	28.0
Infanta, Quezon												
Maximum Temperature	27.7	27.3	29.5	30.7	32.9	33.4	31.4	33.0	32.2	30.7	29.8	28.2
Minimum Temperature	22.3	21.9	22.2	23.1	23.8	23.1	23.3	23.5	23.0	22.5	23.2	21.9
Mean Temperature	25.0	24.6	25.9	26.9	28.4	28.3	27.4	28.3	27.6	26.6	26.5	25.1
Itbayat, Batanes												
Maximum Temperature	24.7	24.2	25.9	28.0	30.2	32.3	31.6	31.1	31.1	29.2	27.9	24.0
Minimum Temperature	19.1	18.3	19.3	21.6	24.1	25.6	25.0	25.0	25.2	23.3	22.7	18.1
Mean Temperature	21.9	21.3	22.6	24.8	27.2	29.0	28.3	28.1	28.2	26.3	25.3	21.1
Laoag City, Ilocos Norte												
Maximum Temperature	31.0	30.2	31.3	32.0	32.1	32.9	31.9	31.0	31.4	31.2	31.9	30.1
Minimum Temperature	20.7	21.6	22.3	23.6	25.0	25.5	25.0	24.9	25.0	24.4	24.0	22.6
Mean Temperature	25.9	25.9	26.8	27.8	28.6	29.2	28.5	28.0	28.2	27.8	28.0	26.4
Legazpi City, Albay												
Maximum Temperature	28.7	29.3	30.2	31.8	33.0	33.2	31.3	32.6	32.3	31.4	30.9	29.6
Minimum Temperature	24.7	24.2	24.9	25.2	26.6	26.3	25.6	25.8	25.5	25.2	25.7	25.0
Mean Temperature	26.7	26.8	27.6	28.5	29.8	29.8	28.5	29.2	28.9	28.3	28.3	27.3
Maasin, Southern Leyte												
Maximum Temperature	27.8	28.6	29.0	30.4	31.2	31.5	30.0	30.4	30.3	29.6	30.4	29.2
Minimum Temperature	23.6	23.6	23.8	24.5	25.6	25.0	24.4	24.8	24.7	24.7	24.8	23.6
Mean Temperature	25.7	26.1	26.4	27.5	28.4	28.3	27.2	27.6	27.5	27.2	27.6	26.4
Mactan International Airport, Cebu												
Maximum Temperature	29.5	30.0	30.7	31.5	32.7	32.6	31.7	32.5	32.1	31.4	31.4	30.7
Minimum Temperature	24.5	24.2	24.6	25.0	26.1	25.5	24.9	25.1	24.9	25.1	25.7	24.8
Mean Temperature	27.0	27.1	27.7	28.3	29.4	29.1	28.3	28.8	28.5	28.3	28.6	27.8
Malaybalay, Bukidnon												
Maximum Temperature	28.2	29.2	30.2	31.2	32.2	31.3	30.1	30.2	30.3	29.6	30.3	30.0
Minimum Temperature	18.8	18.2	18.7	19.2	20.1	19.9	20.1	20.5	20.5	20.4	20.1	19.9
Mean Temperature	23.5	23.7	24.5	25.2	26.2	25.6	25.1	25.4	25.4	25.0	25.2	25.0
Masbate, Masbate												
Maximum Temperature	29.6	30.6	31.0	31.8	33.3	33.5	31.9	32.8	32.5	32.1	32.3	30.4
Minimum Temperature	22.6	22.4	22.8	23.6	24.8	24.4	24.0	24.1	23.9	23.7	23.9	22.9
Mean Temperature	26.1	26.5	26.9	27.7	29.1	29.0	28.0	28.5	28.2	27.9	28.1	26.7
NAIA (MIA), Pasay City												
Maximum Temperature	30.4	30.7	32.8	34.3	34.9	33.9	32.4	32.4	32.4	31.5	32.2	30.7
Minimum Temperature	23.7	23.5	24.3	26.0	27.1	26.2	25.6	26.0	26.0	25.6	25.2	24.5
Mean Temperature	27.1	27.1	28.6	30.2	31.0	30.1	29.0	29.2	29.2	28.6	28.7	27.6
Port Area (MCO), Manila												
Maximum Temperature	30.3	30.2	32.1	33.6	34.6	33.5	31.8	32.2	31.9	31.4	31.8	30.2
Minimum Temperature	23.7	28.8	24.8	25.8	26.7	26.4	25.4	25.7	25.7	25.4	25.2	24.5
Mean Temperature	27.0	29.5	28.5	29.7	30.7	30.0	28.6	29.0	28.8	28.4	28.5	27.4
Puerto Princesa City, Palawan												
Maximum Temperature	31.1	30.9	31.9	33.0	33.2	32.9	31.6	32.1	31.7	31.4	31.7	30.8
Minimum Temperature	24.7	24.7	25.2	26.0	26.1	25.4	24.9	25.3	25.2	24.8	25.1	25.0
Mean Temperature	27.9	27.8	28.6	29.5	29.7	29.2	28.3	28.7	28.5	28.1	28.4	27.9
Romblon, Romblon												
Maximum Temperature	26.3	27.1	28.0	29.6	31.4	30.7	29.0	30.3	30.0	28.9	28.6	27.0
Minimum Temperature	23.5	23.0	23.7	24.7	26.2	25.8	24.8	25.4	25.2	24.9	25.0	24.2
Mean Temperature	24.9	25.1	25.9	27.2	28.8	28.3	26.9	27.9	27.6	26.9	26.8	25.6
Roxas City, Capiz												
Maximum Temperature	28.9	29.4	30.4	31.5	32.5	32.7	31.0	32.3	32.2	31.6	31.7	30.2
Minimum Temperature	25.1	25.1	25.6	25.9	26.1	25.9	25.6	25.7	25.6	25.6	26.2	25.7
Mean Temperature	27.0	27.3	28.0	28.7	29.3	29.3	28.3	29.0	28.9	28.6	29.0	28.0

Continued

Table 1.1.10 *(Concluded)*
TEMPERATURE BY MONITORING STATION
2017
(in degrees Celsius)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
San Jose, Occidental Mindoro												
Maximum Temperature	32.8	33.5	34.0	34.1	34.7	32.4	31.6	31.4	31.6	31.4	32.6	32.2
Minimum Temperature	22.9	22.6	22.9	23.1	24.1	22.9	23.0	22.9	22.6	22.4	22.9	22.4
Mean Temperature	27.9	28.1	28.5	28.6	29.4	27.7	27.3	27.2	27.1	26.9	27.8	27.3
Sangley Point, Cavite												
Maximum Temperature	29.7	30.0	32.2	33.8	34.4	33.6	31.8	32.5	32.2	31.6	31.7	30.5
Minimum Temperature	25.1	24.5	25.8	27.2	28.3	27.8	26.8	27.1	27.1	26.7	26.5	25.8
Mean Temperature	27.4	27.3	29.0	30.5	31.4	30.7	29.3	29.8	29.7	29.2	29.1	28.2
Science Garden, Quezon City												
Maximum Temperature	30.3	30.4	32.5	34.0	34.4	33.9	32.0	32.4	32.3	31.2	31.7	30.4
Minimum Temperature	22.3	21.9	22.7	24.7	25.7	25.4	25.2	25.2	25.3	24.8	24.3	23.4
Mean Temperature	26.3	26.2	27.6	29.4	30.1	29.7	28.6	28.8	28.8	28.0	28.0	26.9
Sinait, Ilocos Sur (former Vigan Station)												
Maximum Temperature	30.8	30.6	31.1	32.2	32.5	32.8	31.6	31.4	31.5	31.3	32.1	31.2
Minimum Temperature	21.4	21.4	22.2	23.5	24.6	24.9	24.1	24.2	24.4	23.4	23.8	22.2
Mean Temperature	26.1	26.0	26.7	27.9	28.6	28.9	27.9	27.8	28.0	27.4	28.0	26.7
Surigao, Surigao Del Norte												
Maximum Temperature	29.8	29.7	30.6	32.2	32.9	32.9	31.9	33.0	33.4	32.6	32.4	31.4
Minimum Temperature	23.1	23.1	23.7	24.5	25.2	24.3	24.7	24.9	24.8	24.6	24.4	23.7
Mean Temperature	26.5	26.4	27.2	28.4	29.1	28.6	28.3	29.0	29.1	28.6	28.4	27.6
Tagbilaran City, Bohol												
Maximum Temperature	29.7	29.9	30.2	30.0	31.9	32.0	30.9	31.6	31.3	30.7	31.4	30.7
Minimum Temperature	23.7	22.9	23.2	23.9	25.2	24.7	24.7	24.9	24.9	24.5	24.0	23.5
Mean Temperature	26.7	26.4	26.7	27.0	28.6	28.4	27.8	28.3	28.1	27.6	27.7	27.1
Tacloban City, Leyte												
Maximum Temperature	29.4	29.3	30.1	30.9	31.6	31.8	30.9	31.7	31.8	31.4	31.1	30.3
Minimum Temperature	24.0	23.3	23.8	24.6	25.6	25.3	24.7	25.1	24.5	24.7	25.1	24.2
Mean Temperature	26.7	26.3	27.0	27.8	28.6	28.6	27.8	28.4	28.2	28.1	28.1	27.3
Tanay, Rizal												
Maximum Temperature	23.0	23.9	25.6	28.2	29.4	29.2	26.6	27.4	25.9	26.2	25.7	23.9
Minimum Temperature	18.7	17.4	18.7	20.2	21.5	21.2	20.1	20.6	20.3	18.4	18.3	17.7
Mean Temperature	20.9	20.7	22.2	24.2	25.5	25.2	23.4	24.0	23.1	22.3	22.0	20.8
Tayabas, Quezon												
Maximum Temperature	27.5	27.9	29.6	31.9	33.1	32.8	30.8	31.6	31.4	30.2	29.9	28.0
Minimum Temperature	22.5	22.0	22.8	23.5	25.0	23.9	22.7	21.7	19.7	22.1	23.5	22.9
Mean Temperature	25.0	25.0	26.2	27.7	29.1	28.4	26.8	26.7	25.6	26.2	26.7	25.5
Tuguegarao, Cagayan												
Maximum Temperature	27.7	27.2	31.2	34.0	34.7	35.3	33.8	33.7	33.3	30.3	29.5	27.0
Minimum Temperature	20.8	20.3	21.8	23.6	24.5	24.9	24.5	24.6	24.7	23.4	23.1	21.4
Mean Temperature	24.3	23.8	26.5	28.8	29.6	30.1	29.2	29.2	29.0	26.9	26.3	24.2
Virac Synop, Catanduanes												
Maximum Temperature	28.9	29.1	29.6	30.7	32.0	31.9	31.2	32.4	32.0	31.1	30.9	29.8
Minimum Temperature	23.2	22.2	23.4	23.4	24.8	25.0	24.6	25.0	24.6	24.5	24.4	23.8
Mean Temperature	26.1	25.7	26.5	27.1	28.4	28.5	27.9	28.7	28.3	27.8	27.7	26.8
Zamboanga, Zamboanga Del Sur												
Inconsistent data	32.4	32.6	32.2	33.0	32.9	32.5	32.3	32.4	32.8	32.4	34.0	32.9
Minimum Temperature	23.8	23.6	23.9	24.1	24.8	24.2	24.2	24.6	24.2	24.0	23.9	23.7
Mean Temperature	28.1	28.1	28.1	28.6	28.9	28.4	28.3	28.5	28.5	28.2	29.0	28.3

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

Table 1.2
CLIMATOLOGICAL NORMALS OF PRECIPITATION BY MONTH, BY MONITORING STATION
1981 to 2010

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Alabat, Quezon												
Amount of Rainfall (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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

Continued

Table 1.2 *(Continued)*
CLIMATOLOGICAL NORMALS OF PRECIPITATION BY MONTH, BY MONITORING STATION
1981 to 2010

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Catbalogan, Western Samar												
Amount of Rainfall (in millimeters)	240.4	197.4	162.7	118	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 (in millimeters)	18.5	14	15.4	38.1	198.1	360.8	479.9	466.3	447.1	250.8	118.6	74
Number of Rainy Days	3	2	2	3	12	19	23	22	21	17	9	6
Cotabato City												
Amount of Rainfall (in millimeters)	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
Cuyo, Palawan												
Amount of Rainfall (in millimeters)	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	140.3	109.4	108.4	124.7	158.7	186.7	165	170	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 (in millimeters)	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(in millime	82	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 (in millimeters)	79.4	59.5	51.4	58.3	75	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	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

Continued

Table 1.2 *(Continued)*
CLIMATOLOGICAL NORMALS OF PRECIPITATION BY MONTH, BY MONITORING STATION
1981 to 2010

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Infanta, Quezon												
Amount of Rainfall (in millimeters)	365.1	253	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 (in millimeters)	156	84.6	69.8	57.2	243.7	253.8	269.1	450	344.1	299	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 (in millimeters)	5.3	2.8	6	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 (in millimeters)	311.7	236.4	193.8	171.2	186.6	230.5	259.8	222.5	285.9	333	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 (in millimeters)	98.9	68	49.8	52.6	125	212.7	245.6	195.8	219.7	185.9	136	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 (in millimeters)	105.2	69.6	58.6	48.1	95	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
Maasin, Southern Leyte												
Amount of Rainfall (in millimeters)	211.3	143.3	114.3	64.2	85	127.3	173.6	177	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 (in millimeters)	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 (in millimeters)	169.3	101.8	86.9	54.1	118	155.7	227	178.1	212.6	233	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 (in millimeters)	6.8	4.2	4	16	70.4	265.2	316.7	418.4	255.2	283.4	99	28.6
Number of Rainy Days	2	1	1	1	6	14	16	19	16	14	8	3
Port Area, Manila												
Amount of Rainfall (in millimeters)	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 (in millimeters)	36.4	23.7	37.3	54.2	118.4	171.1	153.5	185.4	170.1	216.1	211	150.1
Number of Rainy Days	5	3	4	7	12	17	18	18	17	19	15	11
Romblon, Romblon												
Amount of Rainfall (in millimeters)	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

Continued

Table 1.2 *(Concluded)*
CLIMATOLOGICAL NORMALS OF PRECIPITATION BY MONTH, BY MONITORING STATION
1981 to 2010

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Roxas City, Capiz												
Amount of Rainfall (in millimeters)	72.1	49.3	63.7	69.9	144.7	259	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 (in millimeters)	8.4	11.7	11.1	26.8	170.5	377.7	457.5	475.6	406.7	252	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 (in millimeters)	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 (in millimeters)	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 (in millimeters)	609.4	446.4	326	219.1	139.6	142.1	171.1	133.9	171	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 (in millimeters)	323.9	238.4	184.4	115.2	144.1	184.6	186	160.9	173.7	243.9	318.2	386
Number of Rainy Days	22	17	17	14	14	17	17	15	16	20	22	23
Tagbilaran City, Bohol												
Amount of Rainfall (in millimeters)	101	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 (in millimeters)	163	111.4	107.1	109.5	161.2	225.5	273.8	185.1	274.2	494.1	529.7	421
Number of Rainy Days	18	13	10	9	13	15	18	17	18	22	23	22
Tuguegarao, Cagayan												
Amount of Rainfall (in millimeters)	32.7	27.3	28.6	47.2	128.2	157.5	195.3	247.1	221.4	298.5	230	122.3
Number of Rainy Days	8	6	5	6	11	12	15	15	14	15	15	12
Vigan, Ilocos Sur												
Amount of Rainfall (in millimeters)	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 (in millimeters)	409.5	270.5	215.9	215.2	197.2	234.5	249.6	177.1	244.1	447	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 (in millimeters)	247.9	149.2	146.4	148.3	149.9	220.5	241.6	162.5	235.3	393.7	450	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 (in millimeters)	49.7	43.7	56.3	69	90	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, DOST

TABLE 1.3.1
AMOUNT OF RAINFALL BY MONITORING STATION
2008
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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, Eastern 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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	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
General Santos, 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
Iloilo City, Iloilo	139.9	65.8	67.0	182.9	...	420.9	225.2	161.2	277.2	249.2	105.0	140.5	2034.8**
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
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

Continued

TABLE 1.3.1 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2008
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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	...	...	...	...	...	...	...	...	...	...	...	...	-2**
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 (former Vigan Station)	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
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
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
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, 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

Notes:
T means trace
** means annual values with missing months
Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

TABLE 1.3.2
AMOUNT OF RAINFALL BY MONITORING STATION
2009
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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, Eastern 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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	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
General Santos, 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
Iloilo City, Iloilo	37.9	127.4	26.9	136.6	121.9	354.8	355.8	280.4	349.5	277.1	65.3	3.6	2137.2
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
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

Continued

TABLE 1.3.2 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2009
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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	...	...	...	...	...	...	...	...	...	...	...	...	...
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 (former Vigan Station)	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
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
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
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, 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

Notes:
T means trace
** means annual values with missing months
Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

TABLE 1.3.3
AMOUNT OF RAINFALL BY MONITORING STATION
2010
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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, Eastern 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**
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	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
General Santos, 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
Iloilo City, Iloilo	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
Iba, Zambales	...	...	...	...	...	...	...	...	...	...	...	...	…
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
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

Continued

TABLE 1.3.3 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2010
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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	...	...	...	...	...	...	...	...	...	...	…
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 (former Vigan Station)	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
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**
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
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, 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

Notes:

T means trace

** means annual values with missing months

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

TABLE 1.3.4
AMOUNT OF RAINFALL BY MONITORING STATION
2011
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Alabat, Quezon	195.7	401.1	326.0	19.9	251.2	...	...	...	...	...	...	...	...
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, Eastern 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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	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
General Santos, 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
Iloilo City, Iloilo	...	...	...	...	...	...	...	...	...	...	...	...	...
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
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

Continued

TABLE 1.3.4 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2011
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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 (former Vigan Station)	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
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
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
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, 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

Notes:
T means trace
** means annual values with missing months
Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

TABLE 1.3.5
AMOUNT OF RAINFALL BY MONITORING STATION
2012
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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, Eastern 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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	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
General Santos, 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
Iloilo City, Iloilo	...	...	...	...	...	...	...	...	...	...	...	...	...
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
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

Continued

TABLE 1.3.5 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2012
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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 (former Vigan Station)	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
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
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
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, 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

Notes:

T means trace

** means annual values with missing months

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

TABLE 1.3.6
AMOUNT OF RAINFALL BY MONITORING STATION
2013
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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, Eastern 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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	211.1	91.3	61.2	89.3	201.1	310.4	268.2	211.4	162.0	...	...	...	1606.0
General Santos, 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
Iloilo City, Iloilo	...	...	...	...	...	...	...	...	...	...	...	...	...
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
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

Continued

TABLE 1.3.6 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2013
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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 (former Vigan Station)	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
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**
Tacloban City, Leyte	352.4	396.6	188.5	51.1	99.2	411.7	137.9	219.0	...	...	...	...	1856.4**
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, 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

Notes:

T means trace

** means annual values with missing months

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

TABLE 1.3.7
AMOUNT OF RAINFALL BY MONITORING STATION
2014
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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, Eastern 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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	498.6	39.9	84.0	158.5	37.2	195.8	245.6	409.9	232.7	76.7	94.0	137.1	2210.0
General Santos, 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
Iloilo City, Iloilo	...	...	...	...	...	...	...	...	...	...	...	...	...
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
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

Continued

TABLE 1.3.7 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2014
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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 (former Vigan Station)	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
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
Tacloban City, Leyte	...	...	...	...	...	...	241.9	167.2	206.9	220.0	155.8	825.1	1816.9**
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	30.0	21.2	91.1	205.0	83.6	167.1	337.4	247.3	293.1	609.4	332.2	700.9	3118.3
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, 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

Notes:

T means trace

** means annual values with missing months

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

TABLE 1.3.8
AMOUNT OF RAINFALL BY MONITORING STATION
2015
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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, Eastern 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	548.4	2675.5
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	671.3	502.3	261.1	255.0	T	230.1	2161.3
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	45.9	91.5	275.2	93.3	63.3	1494.5
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
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	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
General Santos, South Cotabato	67.3	0.5	3.6	28.3	36.4	188.8	86.9	96.8	52.1	26.4	74.7	15.8	677.6
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
Iloilo City, Iloilo	...	...	...	...	...	...	...	...	...	...	...	...	...
Infanta, Quezon	199.3	168.7	189.6	43.9	55.4	111.1	109.4	113.5	182.4	337.8	295.2	1008.2	2814.5
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	559.9	3014.3
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	2176.7
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**

Continued

TABLE 1.3.8 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2015
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
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	221.0	14.0	294.5	1492.0
Port Area (MCO), Manila	24.5	2.4	6.5	4.5	112.9	156.5	466.3	307.5	435.5	149.6	42.4	292.3	2000.9
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	75.5	1394.0**
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	223.6	16.2	295.8	2602.6
Sinait, Ilocos Sur (former Vigan Station)	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
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
Tacloban City, Leyte	419.8	142.2	66.7	64.6	5.0	274.5	...	143.4	254.4	86.4	304.6	468.7	2230.3**
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, 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

Notes:

T means trace

** means annual values with missing months

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

TABLE 1.3.9
AMOUNT OF RAINFALL BY MONITORING STATION
2016
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Alabat, Quezon	236.4	335.6	365.8	19.2	54.7	176.0	104.2	30.7	215.8	448.5	698.0	854.7	3539.6
Ambulong, Batangas	18.7	45.3	10.2	8.2	101.4	95.6	225.5	375.4	167.0	312.3	162.1	187.3	1709.0
Aparri, Cagayan	52.7	162.1	41.1	T	115.3	112.1	302.4	91.9	212.1	278.0	324.0	367.1	2058.8
Baguio City, Benguet	5.2	4.2	9.4	62.0	213.3	176.3	426.8	955.6	412.1	583.2	...	82.0	2930.1**
Baler, Aurora (Radar)	148.4	157.4	187.4	169.6	293.7	325.1	140.4	133.6	287.4	470.6	619.1	452.4	3385.1
Basco, Batanes (Radar)	164.8	108.4	32.8	12.5	203.3	128.7	215.7	502.7	630.8	361.4	309.6	178.4	2849.1
Borongan, Eastern Samar	178.5	378.0	86.4	57.1	358.2	286.6	212.7	101.8	258.7	267.2	755.5	751.8	3692.5
Butuan City, Agusan Del Norte	20.5	80.5	3.6	30.6	136.0	320.0	242.3	54.3	232.4	209.6	304.0	152.4	1786.2
Cabanatuan, Nueva Ecija	1.9	3.2	1.7	38.8	248.1	179.2	147.5	343.4	200.4	306.1	78.6	12.4	1561.3
Calapan, Oriental Mindoro	66.4	83.2	39.3	88.8	89.1	240.0	83.6	121.8	144.2	299.9	...	441.2	1697.5
Calayan, Cagayan	196.6	141.8	87.6	11.6	99.0	126.8	223.8	348.2	332.8	275.2	482.6	618.4	2944.4
Casiguran, Aurora	253.8	194.4	116.5	87.9	201.0	190.5	156.4	119.3	118.2	668.9	814.6	856.4	3777.9
Catarman, Northern Samar	328.4	342.9	61.4	38.7	66.8	236.5	474.2	62.9	182.7	535.6	...	764.9	3095.0**
Catbalogan, Western Samar	84.3	121.3	27.1	47.5	82.2	182.2	473.1	84.3	144.7	367.7	342.5	298.5	2255.4
Clark International Airport, Pampanga	7.0	9.0	0.5	19.0	126.4	T	230.1	514.3	288.5	382.8	53.5	31.6	1662.7
Coron, Palawan	1.4	171.2	0.0	4.6	94.8	171.0	365.4	904.4	564.0	396.2	253.2	77.0	3003.2
Cotabato City, Maguindanao	2.8	31.5	15.6	93.0	205.5	265.4	233.7	288.3	257.3	331.5	184.9	68.5	1978.0
Cubi Point, Subic Bay Olongapo City, Zambales	5.8	0.7	0.0	0.5	111.2	157.1	1148.0	1219.5	858.6	521.2	2.0	49.2	4073.8
Cuyo, Palawan	0.0	T	0.0	T	121.6	303.9	381.2	504.6	363.0	358.0	131.2	137.0	2300.5
Daet, Camarines Norte	281.5	310.3	381.3	34.7	41.2	...	186.8	...	244.5	711.9	521.5	775.0	3488.7**
Dagupan City, Pangasinan	3.0	1.4	2.4	77.2	208.3	169.9	424.2	1216.7	342.3	535.0	9.9	33.6	3023.9
Davao City, Davao Del Sur	14.2	63.8	39.8	41.8	101.3	188.7	68.6	34.6	227.2	387.0	206.4	137.0	1510.4
Dipolog, Zamboanga Del Norte	25.9	20.9	0.0	86.1	142.3	287.0	105.1	198.4	171.0	620.3	228.8	303.0	2188.8
Dumaguete City, Negros Oriental	24.8	18.6	T	T	52.4	187.5	63.4	60.4	88.9	131.2	186.3	74.9	888.4
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	4.5	2.7	T	T	114.3	337.7	112.9	178.1	236.7	183.6	110.0	170.3	1450.8
General Santos, South Cotabato	14.4	4.1	T	1.0	71.7	95.5	85.2	38.9	78.1	116.4	128.5	60.3	694.1
Guiuan, Eastern Samar	255.0	171.2	53.3	41.2	111.9	163.4	286.1	41.6	171.3	257.0	681.5	213.7	2447.2
Hinatuan, Surigao Del Sur	263.2	533.6	175.4	264.7	291.5	280.5	260.9	118.5	265.4	529.1	512.6	621.9	4117.3
Iba, Zambales	1.5	T	0.0	0.0	231.4	263.6	1315.3	...	492.7	570.4	141.9	39.0	3055.8**
Iloilo City, Iloilo	...	...	...	...	...	...	...	...	...	...	...	...	...
Infanta, Quezon	161.0	332.9	266.3	58.5	192.3	286.3	92.4	187.6	239.0	484.8	447.4	856.3	3604.8
Itbayat, Batanes	375.4	113.2	44.5	18.5	132.4	170.2	425.3	262.4	724.5	518.9	...	...	2785.3**
Laoag City, Ilocos Norte	6.0	4.0	1.6	0.0	181.6	158.6	282.6	1032.6	360.6	206.1	75.7	11.7	2321.1
Legazpi City, Albay	123.5	332.5	140.7	88.3	79.0	195.6	211.8	132.3	197.6	572.8	449.7	621.5	3145.4
Maasin, Southern Leyte	191.0	119.0	2.0	66.6	105.4	122.4	373.2	169.4	340.6	474.8	603.6	198.0	2766.0
Mactan International Airport, Cebu	116.4	90.6	4.3	1.2	166.1	214.2	378.6	21.0	240.3	401.2	159.7	189.7	1983.3
Malaybalay, Bukidnon	53.3	17.0	5.7	32.6	300.6	352.9	439.4	282.0	350.5	234.0	220.0	279.1	2567.1

Continued

TABLE 1.3.9 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2016
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Masbate, Masbate	80.0	194.9	11.8	26.6	45.7	88.8	176.7	254.2	158.8	279.6	255.1	...	1572.2**
NAIA (MIA), Pasay City	0.5	20.5	T	12.0	47.0	124.5	268.0	348.5	136.5	166.5	98.0	70.0	1292.0
Port Area (MCO), Manila	2.6	63.9	1.1	0.9	74.8	242.9	393.3	700.5	289.5	161.4	68.3	98.9	2098.1
Puerto Princesa City, Palawan	0.5	2.9	0.0	0.0	108.1	192.7	78.6	183.5	219.7	228.7	156.5	121.8	1293.0
Romblon, Romblon	72.0	85.4	32.8	17.6	97.4	270.9	362.3	131.3	170.0	195.1	339.8	402.6	2177.2
Roxas City, Capiz	76.5	67.0	8.5	18.0	77.5	221.0	205.5	76.5	325.0	...	325.5	244.5	1645.5**
San Jose, Occidental Mindoro	6.0	0.8	0.4	22.7	137.8	136.8	339.4	409.5	574.3	456.0	210.9	41.2	2335.8
Sangley Point, Cavite	1.4	80.6	0.2	20.2	93.4	182.2	303.0	775.4	145.3	208.8	88.9	89.8	1989.2
Science Garden, Quezon City	4.4	8.3	2.8	43.4	180.2	175.1	296.1	780.2	495.3	306.0	100.1	126.3	2518.2
Sinait, Ilocos Sur (former Vigan Station)	4.2	12.2	0.2	0.0	152.3	192.2	443.4	960.5	305.7	254.5	85.3	18.8	2429.3
Surigao, Surigao Del Norte	166.9	240.3	36.6	56.1	73.5	186.7	232.1	86.6	238.8	404.1	597.2	591.3	2910.2
Tagbilaran City, Bohol	48.7	45.3	0.2	9.0	136.6	140.2	145.4	28.2	148.5	216.9	185.8	192.3	1297.1
Tacloban City, Leyte	248.6	252.8	44.4	40.4	281.2	213.7	239.1	67.9	232.2	209.3	348.6	188.8	2367.0
Tanay, Rizal	13.9	41.4	16.0	41.0	213.6	265.7	267.6	585.2	276.1	289.0	277.0	359.3	2645.8
Tayabas, Quezon	113.8	255.7	60.9	43.0	67.9	76.3	219.5	165.8	75.4	642.1	697.4	735.4	3153.2
Tuguegarao, Cagayan	21.2	33.1	3.8	T	96.4	153.1	402.0	119.7	105.3	420.3	416.9	210.4	1982.2
Virac Synop, Catanduanes	131.0	159.1	88.4	117.1	198.1	174.5	287.4	103.9	218.1	915.5	441.9	622.8	3457.8
Zamboanga, Zamboanga Del Sur	0.6	18.8	5.3	7.6	107.5	208.3	182.2	121.6	188.5	124.0	141.8	...	1106.2**

Notes:

T means trace

** means annual values with missing months

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

TABLE 1.3.10
AMOUNT OF RAINFALL BY MONITORING STATION
2017
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Alabat, Quezon	390.8	166.0	89.4	215.3	125.3	219.2	253.5	112.0	913.3	597.8	667.2	175.3	3925.1
Ambulong, Batangas	87.1	20.2	19.4	17.8	126.6	115.8	254.0	375.0	584.9	241.7	189.7	183.7	2215.9
Aparri, Cagayan	115.5	159.4	24.2	43.1	182.6	121.2	41.9	293.4	156.3	516.7	446.2	125.6	2226.1
Baguio City, Benguet	39.9	71.5	4.7	61.3	570.1	208.5	751.0	449.6	206.9	230.0	120.0	28.4	2741.9
Baler, Aurora (Radar)	622.0	429.6	237.4	151.2	411.2	382.2	624.5	244.8	337.6	283.0	864.3	179.0	4766.8
Basco, Batanes (Radar)	117.3	70.0	10.1	85.1	422.0	45.7	294.0	379.6	144.7	355.5	705.0	346.4	2975.4
Borongan, Eastern Samar	823.0	315.6	531.3	362.5	235.3	162.8	399.8	926.0	225.5	303.1	397.9	1416.2	6099.0
Butuan City, Agusan Del Norte	560.9	384.2	324.2	168.7	230.7	211.4	199.6	65.6	165.2	233.5	235.6	257.2	3036.8
Cabanatuan, Nueva Ecija	24.3	26.4	8.9	42.4	241.4	105.3	219.8	568.5	236.9	86.2	195.5	30.5	1786.1
Calapan, Oriental Mindoro	134.6	40.6	20.7	143.8	276.3	274.7	378.2	214.6	250.9	403.7	568.9	286.4	2993.4
Calayan, Cagayan	372.0	231.8	49.2	106.6	228.4	44.0	94.2	648.0	343.6	490.4	673.8	299.6	3581.6
Casiguran, Aurora	886.9	380.2	224.7	59.6	294.1	240.4	298.3	276.0	145.2	615.9	1012.0	580.5	5013.8
Catarman, Northern Samar	754.0	146.5	262.5	84.4	213.8	233.7	206.8	99.7	273.9	286.0	414.2	1211.6	4187.1
Catbalogan, Western Samar	375.5	109.2	188.3	137.4	200.5	174.8	290.5	94.9	384.1	234.8	202.6	1105.0	3497.6
Clark International Airport, Pampanga	22.8	10.3	5.2	15.0	162.0	161.3	277.0	530.7	231.3	200.7	97.8	16.7	1730.8
Coron, Palawan	46.6	13.0	7.6	82.0	72.6	359.0	371.8	713.4	236.0	461.0	113.6	163.0	2639.6
Cotabato City, Maguindanao	118.5	105.1	221.2	97.0	209.7	225.0	271.0	122.8	192.6	387.8	55.2	170.6	2176.5
Cubi Point, Subic Bay													
Olongapo City, Zambales	7.4	4.0	0.2	0.0	47.2	127.4	731.5	789.1	306.5	243.2	72.7	15.6	2344.8
Cuyo, Palawan	107.6	T	0.0	3.0	72.0	263.6	...	410.4	312.8	596.8	87.8	132.0	1986.0**
Daet, Camarines Norte	469.2	229.0	298.1	150.3	179.8	178.0	252.3	296.2	405.3	627.2	414.5	821.2	4321.1
Dagupan City, Pangasinan	4.9	3.2	2.7	12.2	183.6	368.1	578.5	512.8	230.1	182.2	140.4	4.8	2223.5
Davao City, Davao Del Sur	242.2	231.6	170.2	192.2	356.2	222.0	110.3	224.9	280.2	175.3	138.5	327.6	2671.2
Dipolog, Zamboanga Del Norte	460.7	66.9	185.3	52.9	682.0	177.4	196.7	244.6	119.2	307.0	252.9	276.6	3022.2
Dumaguete City, Negros Oriental	292.2	38.4	91.0	77.2	123.3	111.0	188.5	201.7	136.7	374.0	124.8	189.6	1948.4
Molugan-El Salvador, Misamis Oriental (former Lumbia Station)	303.4	121.4	137.9	88.5	149.3	240.1	183.7	209.4	359.5	231.0	83.7	149.4	2257.3
General Santos, South Cotabato	117.6	74.4	129.9	51.9	142.4	167.5	63.3	33.5	162.5	124.7	96.8	135.8	1300.3
Guiuan, Eastern Samar	410.4	169.9	383.8	239.3	124.8	171.7	498.2	112.5	220.9	192.5	184.0	1360.4	4068.4
Hinatuan, Surigao Del Sur	936.1	747.9	647.6	243.3	544.8	364.2	340.0	135.4	231.9	182.8	688.3	278.3	5340.6
Iba, Zambales	19.7	10.2	23.1	22.2	187.6	256.8	585.0	879.9	210.8	232.8	79.2	5.8	2513.1
Iloilo City, Iloilo	...	...	...	...	...	...	...	...	...	...	...	...	...
Infanta, Quezon	473.5	515.1	179.8	167.6	241.8	175.5	366.8	198.0	376.6	651.9	683.7	991.7	5022.0
Itbayat, Batanes	96.5	37.3	12.5	37.6	529.6	26.7	304.4	337.5	124.4	268.0	343.5	155.5	2273.5
Laoag City, Ilocos Norte	0.8	0.8	0.0	24.2	232.6	131.2	447.1	352.8	306.0	145.0	18.9	1.8	1661.2
Legazpi City, Albay	578.9	177.4	230.5	129.6	188.5	75.9	297.1	178.8	219.8	446.1	472.9	849.4	3844.9
Maasin, Southern Leyte	661.0	221.1	238.8	217.0	115.8	127.8	264.8	405.8	414.6	368.3	233.6	377.0	3645.6
Mactan International Airport, Cebu	282.4	41.1	93.9	224.7	75.4	202.8	198.8	230.5	358.0	171.1	125.8	130.0	2134.5
Malaybalay, Bukidnon	510.7	157.0	194.5	223.2	291.6	439.1	292.0	347.9	302.4	347.4	169.1	232.2	3507.1

Continued

TABLE 1.3.10 *(Concluded)*
AMOUNT OF RAINFALL BY MONITORING STATION
2017
(in millimeters)

Monitoring Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Masbate, Masbate	286.6	53.7	75.8	55.7	88.1	91.4	236.7	225.1	288.1	338.2	168.9	620.4	2528.7
NAIA (MIA), Pasay City	39.0	31.5	3.5	38.0	70.0	169.0	272.5	298.5	324.0	194.5	114.5	61.5	1616.5
Port Area (MCO), Manila	41.2	35.8	5.8	88.2	130.9	178.5	382.8	440.2	519.6	258.4	160.1	83.7	2325.2
Puerto Princesa City, Palawan	126.0	40.5	4.3	31.0	286.4	36.1	288.5	141.0	174.8	383.7	124.2	439.8	2076.3
Romblon, Romblon	210.6	85.3	103.8	58.7	123.0	302.4	628.8	135.1	388.6	343.7	234.0	452.6	3066.6
Roxas City, Capiz	289.5	55.0	3.0	88.5	236.0	344.5	296.0	125.5	329.0	296.5	191.5	476.5	2731.5
San Jose, Occidental Mindoro	21.9	1.5	39.6	59.9	70.9	268.6	453.6	309.5	287.8	353.8	93.8	88.7	2049.6
Sangley Point, Cavite	52.5	5.4	6.4	39.3	186.4	105.1	467.2	323.0	382.7	196.1	116.4	57.1	1937.6
Science Garden, Quezon City	43.9	74.0	7.0	128.2	297.5	343.4	560.4	450.4	409.6	283.0	157.5	97.3	2852.2
Sinait, Ilocos Sur (former Vigan Station)	1.5	0.5	0.0	30.8	270.8	99.6	644.9	322.1	242.1	121.3	12.2	4.8	1750.6
Surigao, Surigao Del Norte	944.3	500.0	774.4	402.6	217.8	102.8	157.0	175.9	176.1	270.9	488.5	483.0	4693.3
Tagbilaran City, Bohol	231.0	44.9	105.9	191.2	96.6	113.8	166.0	186.9	261.0	263.6	74.1	135.7	1870.7
Tacloban City, Leyte	582.2	159.8	417.6	390.2	149.2	237.3	340.3	97.9	374.7	192.4	126.6	804.6	3872.8
Tanay, Rizal	213.6	68.0	17.0	51.6	75.4	124.7	318.9	371.2	357.3	351.5	342.4	254.6	2546.2
Tayabas, Quezon	416.2	156.5	81.2	92.7	176.9	241.5	310.3	188.5	480.2	390.2	787.2	822.5	4143.9
Tuguegarao, Cagayan	78.3	89.2	29.7	43.6	236.7	43.6	91.3	109.1	143.6	262.8	347.2	52.0	1527.1
Virac Synop, Catanduanes	377.7	64.8	247.2	114.2	77.6	140.8	324.2	196.2	322.8	523.3	329.2	641.7	3359.7
Zamboanga, Zamboanga Del Sur	151.9	65.0	174.7	52.9	107.7	134.8	32.0	82.4	184.5	281.0	79.2	123.1	1469.2

Notes:
T means trace
** means annual values with missing months
Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration, DOST

Table 1.4
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
Philippines				**152**	**3,025,581.60**		
NCR			**Subtotal**	**1**	**2,659.00**		
	La Mesa Watershed Forest Reserve	Metro Manila Rizal	Quezon City, Caloocan City Rodriguez		2,659.00	1336	07/25/2007
CAR			**Subtotal**	**10**	**475,752.02**		
	Ambuklao Watershed Forest Reserve (Pilot)	Benguet	Atok, Bokod, La Trinidad, Tublay		9,700.00	120	11/25/1966
	Busol Watershed Forest Reserve	Benguet	Baguio City, La Trinidad		329.00	15 (Amd. by 202) (Sus. 239)	04/14/1922 (12/21/1987) (04/05/1988)
	Buyog Watershed Forest Reserve	Benguet	Baguio City		19.88	93	11/05/1992
	Chico River Forest Reserve	Bontoc	Bauko, Sabangan, Bontoc, Sagada, Sandangan, Barlig, Hugdungan,Tanudan, Lubuagan, Tinglayan, Pinukpuk, Tabuk, Balbalan, Pasil, Conner		333,176.20	573 - parcel no. 2	06/26/1969
	Lower Agno Watershed Forest Reserve	Benguet Pangasinan	Tuba, Itogon, Baguio City San Nicolas, San Manuel		39,304.00	2320	11/22/1983
	Lucnab Watershed Forest Reserve	Benguet	Baguio City		5.98	178	05/12/1993
	Marcos Highway Watershed Forest Reserve	La Union Benguet	Agoo, Tubao, Rosario, Pugo, Santo Tomas, Aringay Tuba, Baguio City		6,105.00	1754	06/22/1978
	Pucsusan Watershed Reservation	Benguet	Baguio City		0.96	2035	04/06/2010
	San Roque Watershed Reservation	Benguet Pangasinan	Tuba, Itogon, Baguio City San Nicolas, San Manuel		9,550.00	2320	11/22/1983
	Upper Agno River Basin Resource Reserve (Ambuklao-Binga Watershed Forest Reserve)	Benguet Ifugao Nueva Vizcaya	Atok, Bokod, Buguias, Itogon, Kabayan, La Trinidad, Tublay Hungduan, Kiangan Kayapa		77,561.00	548 (268)	04/19/1969 (04/23/2000)

Continued

Table 1.4 *(Continued)*
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
I - Ilocos Region			**Subtotal**	**11**	**39,854.30**		
	Ambayawan River Forest Reserve	Pangasinan	*Not indicated*		33,687.89	573 - parcel no. 6	06/26/1969
	Bigbiga Spring Forest Reserve	Ilocos Sur	Narvacan		135.00	431	08/16/1939
	Ilocos Norte Metropolitan Watershed Forest Reserve	Ilocos Norte	Pasuquin		2,815.00	731 (Amd. 218)	09/27/1934 (06/23/1967)
	Libunao Spring Watershed Forest Reserve	Ilocos Sur	Sinait		46.70	410 (Re-est. 280)	s. 1931 (04/23/2000)
	Lidlidda Watershed Forest Reserve	Ilocos Sur	Lidlidda, Banayoyo		1,228.00	79	08/17/1936
	Lon-oy Watershed Forest Reserve	La Union	San Gabriel, Santol		1,460.00	378	05/11/1994
	Magnuang Watershed Forest Reserve	Ilocos Norte	Batac		151.60	220	07/02/1967
	Naguilian Watershed Reservation	La Union	Naguilian		89.95	52	04/11/1936
	Santa Lucia Spring Watershed Forest Reserve	Ilocos Sur	Salcedo		174.16	333	10/18/1938
	Santa Watershed Forest Reserve	Ilocos Sur	Santa		25.00	844	09/26/1935
	Tanap Watershed Forest Reserve	Ilocos Norte	Burgos		41.00	803	02/01/1971
II - Cagayan Valley			**Subtotal**	**9**	**558,566.16**		
	Abulug River Forest Reserve	Cagayan	*Not indicated*		195.66	573 - parcel no. 3	06/26/1969
	Bawa Watershed Forest Reserve	Cagayan	Gonzaga, Lal-lo		8,955.00	108	05/13/1987
	Casecnan River Watershed Reservation	Nueva Vizcaya Quirino Aurora	Dupax del Norte, Dupax del Sur Maddela Dipaculao		85,219.00	136	08/11/1987
	Dupax Watershed Forest Reserve	Nueva Vizcaya	Dupax		425.00	720	08/08/1934
	Enrile-Solana-Amulong Forest Reserve	Cagayan	Enrile, Solana, and Amulong		8,249.00	159	02/13/1967
	Magat Watershed Reservation	Ifugao Nueva Vizcaya Isabela	Aguinaldo, Alfonso Lista, Lagawe, Mayoyao Diadi Santiago, Ramon		430,860.50	573 - parcel no. 1	06/26/1969

Continued

Table 1.4 ***(Continued)***
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
	Tumauini Watershed Forest Reserve	Isabela	Tumauini, Cabagan, San Pablo, Maconacon, Divilacan		17,670.00	355	04/14/1994
	Wangag Watershed Forest Reserve	Cagayan	Gonzaga, Lal-lo		6,992.00	107	05/13/1987
III - Central Luzon			**Subtotal**	**27**	**324,650.28**		
	Amro River Watershed Forest Reserve	Aurora	Casiguran, Dilasag		6,470.18	633	08/28/1990
	Angat River-Bustos Dam Forest Reserve	Bulacan	Norzagaray		28,550.00	574	06/27/1969
	Angat Watershed Forest Reserve	Rizal Bulacan Nueva Ecija Quezon	Montalban San Juan Del Monte, Norzagaray, Angat, San Rafael Peñaranda Infanta		55,709.10	71 (Amd. 505)	03/10/1927 (12/04/1965)
	Angat Watershed and Forest, Forest Range and Watershed Pilot Project Reserve	Bulacan Rizal	Norzagaray, San Jose Montalban		6,600.00	391	04/30/1968
	Aurora Watershed Forest Reserve	Tayabas	Baler		430.00	34	02/04/1936
	Bazal River Watershed Forest Reserve	Aurora	Maria Aurora		4,403.00	402	05/02/1994
	Bulawan Falls Watershed Forest Reserve	Aurora	Dinalungan		986.00	395	05/30/1994
	Calabgan Watershed Forest Reserve	Aurora	Casiguran		4,803.44	915	06/01/1992
	Diaat River Watershed Forest Reserve	Aurora Nueva Vizcaya	Maria Aurora Dupax		3,219.14	399	05/24/1994
	Dibalo-Pingit-Zabali-Malayat River Watershed Forest Reserve	Aurora	Baler, San Luis		4,528.00	908	05/25/1992
	Dinadiawan River Watershed Forest Reserve	Aurora	Dipaculao		3,387.00	918	06/09/1992
	Dingalan River Watershed Forest Reserve Reserve	Aurora	Dingalan		1,788.00	23	08/24/1992
	Dipaculao Watershed Forest Reserve	Aurora	Dipaculao		1,786.00	116	06/10/1987
	Diteki River Watershed Forest Reserve	Aurora	Maria Aurora San Luis		12,970.00	20	08/24/1992

Continued

Table 1.4 ***(Continued)***
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
	Doña Remedios Trinidad-General Tinio Watershed Forest Reserve	Bulacan Nueva Ecija	Doña Remedios Trinidad General Tinio		20,760.00	230	03/23/1988
	Mangan Vaca Watershed Forest Reserve	Zambales	Subic		300.00	245 (Mod. 1607)	01/18/1956 (08/29/2008)
	Olongapo Watershed Forest Reserve	Zambales	Olongapo		6,335.00	238 (Amd. 66)	04/30/1964 (02/20/1987)
	Pacugao River Watershed Forest	Aurora Nueva Vizcaya	Maria Aurora Dupax		3,247.00	110	11/23/1992
	Pantabangan-Carranglan Watershed Reserve	Nueva Ecija Nueva Vizcaya Aurora (Quezon)	Pantabangan, Carranglan Dupax Maria Aurora		84,500.00	561	05/21/1969
	Peñaranda River Forest Reserve	Nueva Ecija	General Tinio (Papaya)		14,887.70	573	06/26/1969
	Pinamacan River Watershed Forest Reserve	Aurora	Dilasag		2,904.90	236	08/23/1993
	San Luis Watershed Forest Reserve	Aurora	San Luis		2,789.37	109	11/23/1992
	Simbahan-Talagas River Watershed Forest Reserve	Aurora	Dinalungan		2,266.49	905	05/22/1992
	Subic Watershed Forest Reserve	Bataan	*Not indicated*		10,000.00	926 (353)	06/25/1992 (03/31/2003)
	Talavera Watershed Reservation	Nueva Vizcaya Nueva Ecija	Santa Fe Carranglan, Lupao, San Jose, Pantabangan		37,156.00	47 (Revoked 350) (Amd. 244)	1923 (12/12/1938) (01/17/1956)
	Talaytay River Watershed Forest Reserve	Aurora	Dinalungan		3,526.87	670	12/03/1990
	Watershed Purposes of Mariveles (Palanas)	Bataan	Mariveles		347.09	EO 20	02/25/1919
IVA - CALABARZON			**Subtotal**	**17**	**248,543.80**		
	Alabat Watershed Forest Reserve	Quezon	Alabat		688.00	156	09/18/1987
	Binahaan River Watershed Forest Reserve	Quezon	Pagbilao, Mauban		465.00	735	05/29/1991

Continued

Table 1.4 ***(Continued)***
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
	Buenavista Watershed Forest Reserve	Tayabas	Mulanay		356.00	166	06/27/1937
	Calauag Watershed Forest Reserve	Tayabas	Calauag		327.86	367	01/02/1939
	Caliraya-Lumot Rivers Forest Reserve	Laguna	Lumban, Kalayaan, Cavinti, Paete		10,770.71	573 - parcel no. 9	06/26/1969
	Infanta Watershed Forest Reserve	Quezon	Infanta		384.00	158	02/13/1967
	Kaliwa River Forest Reserve	Quezon	General Nakar, Infanta		27,613.00	573 - parcel no. 8	06/26/1969
	Lopez Watershed Forest Resereve	Quezon (Tayabas)	Calauag, Guinayangan		418.00	566	06/22/1940
	Makiling Banahaw Watershed Reservation	Quezon Laguna Batangas	Sariaya Canlubang, Cavinti Cuenca		162,000.00	1111	02/21/1973
	Marikina Watershed Reservation	Rizal	Antipolo, Montalban		27,980.20	EO 33 (Amd. 585)	07/26/1904 (06/05/1990)
	Maulawin Spring Watershed Forest Reserve	Quezon	Guinayangan		204.00	742 (Amd. 365)	s. 1934 (01/02/1939)
	Mulanay Watershed Forest Reserve	Quezon	Mulanay		25.60	296	07/21/1938
	Panukulan Watershed Forest Reserve	Quezon	Panukulan		178.68	290	11/06/1993
	Polilio Watershed Forest Reserve	Quezon	Polilio		130.00	72	08/09/1966
	Tibiang-Domagondong Watershed Forest Reserve	Quezon (Tayabas)	Guinayangan		280.00	295	07/21/1938
	Umiray River Watershed Reservation	Quezon Bulacan Rizal	General Nakar Norzagaray Montalban		16,722.75	264	09/28/1993
MIMAROPA			**Subtotal**	**7**	**8,749.75**		
	Bacuit Watershed Forest Reserve	Palawan	Bacuit		96.00	785	03/28/1935
	Calatrava-San Andres-San Agustin Watershed Forest Reserve	Romblon	Calatrava, San Andres, San Agustin, Tablas Island		2,670.00	2186	04/29/1982
	Ipil River Watershed Forest Reserve	Romblon	San Fernando		685.75	394	05/30/1994
	Naampias River Watershed Forest Reserve	Marinduque	Torrijos		417.00	357	04/20/1994

Continued

Table 1.4 ***(Continued)***
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
	Palawan Flora, Fauna and Watershed Reserve	Palawan	Puerto Princesa		4,776.00	EO 67 (Amd. 2221)	08/21/1912 (07/14/1982)
	Torrijos Watershed Forest Reserve	Marinduque	Torrijos		105.00	463	04/06/1932
V - Bicol Region			**Subtotal**	**14**	**98,766.15**		
	Abasig-Matogdon-Mananap Watershed Forest Reserve	Camarines Norte	Labo, San Lorenzo Ruiz, San Vicente		5,545.00	836	11/18/1991
	Bacon-Manito Watershed Geothermal Reservation	Albay Sorsogon	Manito Bacon, Sorsogon, Castilla		25,000.00	2036 A (Amd. EO 837)	11/11/1980 (10/14/1982)
	Barit River-Lake Buhi Forest Reserve	Camarines Sur	Buhi, Sagñay and Iriga		18,379.80	573	06/26/1969
	Capalonga Watershed Forest Reserve	Camarines Norte	Capalonga		752.00	128	11/25/1966
	Catanduanes Watershed Forest Reserve	Catanduanes	Virac, Bato, San Miguel, Pandan, Calolbon, Baras		26,010.00	123	06/23/1987
	Dahican Watershed Forest Reserve	Camarines Norte	Mambulao		44.00	592	06/23/1933
	Diwata Watershed Forest Reserve	Masbate	San Fernando		350.00	370	05/02/1994
	Jose Panganiban Watershed Forest Reserve	Camarines Norte	Jose Panganiban		1,160.00	1151	01/09/1998
	Lagonoy Watershed Forest Reserve	Camarines Sur	Lagonoy		470.40	500	09/26/1932
	Magallanes and Juban Watershed Forest Reserve	Sorsogon	Magallanes, Juban		1,032.00	108	11/23/1992
	Matang-Tubig Watershed Forest	Masbate	Monreal		1,305.00	368	05/02/1994
	Mt. Masaraga Watershed Forest Reserve	Albay	Polangui, Oas, Ligao, Tabaco		810.00	84	10/27/1992
	Tiwi Watershed Reservation	Albay	Malinao and Tiwi		17,661.00	739	08/14/1970
	Tugbo Watershed Forest Reserve Reserve	Masbate	Mobo, Masbate		246.95	369	05/02/1994
VI - Western Visayas			**Subtotal**	**9**	**69,850.63**		
	Aklan River Watershed Forest Reserve	Aklan	Madalag, Libacao		23,185.00	600	06/28/1990
	Dalanas River Watershed Forest Reserve	Antique	Barbaza		8,558.00	603	06/28/1990

Continued

Table 1.4 ***(Continued)***
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
	Ilog-Hilabangan Watershed Forest Reserve	Negro Occidental	Himamaylan, Kabankalan		10,211.00	602	06/28/1990
	Jalaur River Watershed Forest Reserve	Iloilo	Calinog		9,227.60	601	06/28/1990
	Kabankalan Watershed Forest Reserve	Negros Occidental	Kabankalan		432.00	820	25/10/1991
	Maasin Watershed Forest Reserve	Iloilo	Maasin		6,150.03	16	02/12/1923
	Pan-ay River Watershed Forest Reserve	Capiz	Tapaz		4,350.00	599	06/28/1990
	Tipulu-an Mau-it River Watershed Forest Reserve	Antique	Sibalom		7,737.00	605	06/28/1990
VII - Central Visayas			**Subtotal**	**6**	**229,927.00**		
	Alijawan-Cansujay-Anibongan River Watershed Forest Reserve	Bohol	Duero, Jagna		3,630.00	881	03/20/1992
	Argao River Watershed Forest Reserve	Cebu	Argao, Dalaguete		7,250.00	414	06/29/1994
	Kotkot and Lusaran River Watershed Forest Reserve	Cebu	Cebu City, Danao City, Balamban, Compostela, Consolacion, Lilo-an		14,121.00	932 (Amd. 1074)	06/29/1992 (09/02/1997)
	Loboc Watershed Forest Reserve	Bohol	Balilihan, Bilar, Batuan, Carmen, Clarin, Garcia Hernandez, Jagna, Lila, Loboc, Sevilla, Sierra Bullones, Valencia		19,410.00	450	23/12/1953
	Palinpinon Geothermal Watershed Reservation	Negros Oriental	Dumaguete, Siaton, Tanjay		133,000.00	1413 (Amd. EO 223)	04/08/1975 (07/16/1987)
	Wahig-Inabanga River Watershed Forest Reserve	Bohol	Pilar, Candijay, Alicia, Duero, Sierra, Bullones, Carmen, Dago- hoy, Danao, Inabanga, Buenavista, Jetafe		52,516.00	468	09/26/1994

Continued

Table 1.4 ***(Continued)***
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
VIII - Eastern Visayas			**Subtotal**	**9**	**30,600.46**		
	Anas Watershed Forest Reserve	Biliran	Naval, Almeria, Culaba		1,142.25	763	03/19/1996
	Bulosao Watershed Forest Reserve	Eastern Samar Western Samar	Lawa-an Marabut		4,055.00	106	12/10/1992
	Catbalogan Watershed Forest Reserve	Western Samar	Catbalogan, Jiabong		804.90	413	06/29/1994
	Hinabian-Lawigan Watershed Reservation	Southern Leyte	Libagon, Hinunangan, Saint Bernard, Silago		4,536.32	107	11/23/1992
	Jicontol Watershed Forest Reserve	Eastern Samar	Dolores, Can-avid		7,390.00	882	03/26/1992
	Loog Watershed Forest Reserve	Western Samar	Basey		1,865.99	703	11/28/1995
	Palompon Watershed Forest Reserve	Leyte	Palompon, Villaba		2,392.00	212	01/29/1988
	Pan-as Falls-Hayiban Watershed Forest Reserve	Samar	Catarman, Calbayog City		7,832.00	318	12/15/1967
	Patag-Gabas Watershed Forest Reserve	Leyte	Baybay		582.00	1202	04/20/1998
IX - Zamboanga Peninsula			**Subtotal**	**4**	**11,456.50**		
	Ambogoc Watershed Forest Reserve	Zamboanga del Norte	Dapitan City		176.00	611	06/23/1995
	Buug Watershed Forest Reserve	Zamboanga del Sur	Buug		108.00	81	08/09/1966
	Pasonanca Watershed Forest Reserve	Zamboanga del Sur Zamboanga del Norte	Zamboanga City Sibuco		10,560.00	199	12/17/1987
	Siocon Watershed Forest Reserve	Zamboanga del Norte	Siocon		612.50	155	09/18/1987
X - Northern Mindanao			**Subtotal**	**4**	**371,386.00**		
	Mahoganao Watershed Forest Reserve	Misamis Oriental	Cagayan		136.00	470	04/29/1932
	Muleta-Manupali Watershed Forest Reserve	Bukidnon	Lantapan, Valencia, Pangantukan, Maramag		61,500.00	127	06/29/1987

Continued

Table 1.4 *(Continued)*
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
	Pulangi Watershed Reservation	Bukidnon	Part of Impasugong, Cabanglasan, San Fernando, Lantapan, Maramag, Part of Quezon, Valencia City and Malaybalay City		309,750.00	EO 871	
XI - Davao Region			**Subtotal**	**4**	**7,964.00**		
	Andap Watershed Forest Reserve	Davao del Norte	New Bataan		6,725.00	329	02/14/1994
	Baganga Watershed Forest Reserve	Davao Oriental	Baganga		114.00	195	12/08/1987
	Malagos Watershed Reservation	Davao del Sur	Davao City		235.00	612	08/31/1933
	Mati Watershed Forest Reserve	Davao Oriental	Mati		890.00	222	07/02/1967
XII - SOCCSKSARGEN			**Subtotal**	**5**	**282,659.12**		
	Allah Watershed Forest Reserve	South Cotabato Sultan Kudarat Sarangani	Banga, Surallah Isulan Kiamba		102,350.00	2455	09/24/1985
	Kabulnan River Watershed Forest Reserve	Sultan Kudarat Maguindanao South Cotabato	Esperanza, Isulan, Bagumbayan, Sen. Ninoy Aquino, Kalamansig, Palembang Ampatuan Lake Sebu		116,451.83	241	02/08/2000
	Koronadal Watershed Forest Reserve	South Cotabato	City of Koronadal (Marbel)		1,137.29	607	06/23/1995
	Libungan River Watershed Forest Reserve	North Cotabato	Libungan, Alamada		52,820.00	563	05/03/1990
	Sebu Watershed Forest Reserve	South Cotabato Sarangani	Banga Kiamba		9,900.00	65	04/08/1966
XIII - Caraga			**Subtotal**	**13**	**81,842.44**		
	Adlay Watershed Forest Reserve	Surigao del Sur	Carrascal		27.00	291	11/08/1993
	Alamio River Watershed	Surigao del Sur	Cantilan		5,085.00	1747 - parcel 4	03/23/2009
	Alfred Spring Watershed Forest Reserve	Agusan del Sur	Bunawan		100.00	1236	05/29/1998
	Andanan River Watershed Forest Reserve	Agusan del Sur	Sibagat, Bayugan		15,097.00	734	05/29/1991

Continued

Table 1.4 ***(Concluded)***
LIST OF PROCLAIMED WATERSHED BY REGION
As of 2017

Region	Name of Reservation	Location		Total Count	Area (in hectares)	Proclamation	
		Province	City/Municipality			No.	Date
	Buyaan River Watershed	Surigao del Sur	Madrid		6,683.00	1747 - parcel 1	03/23/2009
	Cabadbaran River Watershed Forest Reserve	Agusan del Norte	Jabonga, Cabadbaran, Santiago		16,025.00	834	11/13/1991
	Carac-an River Watershed	Surigao del Sur	Madrid		23,570.00	1747 - parcel 2	03/23/2009
	Mt. Magdiwata Watershed Forest Reserve	Agusan del Sur	San Francisco		1,658.00	1939 (Amd. 282-parcel II)	01/22/1980 (10/25/1993)
	Panikian River Watershed	Surigao del Sur	Carrascal		7,045.00	1747 - parcel 5	03/23/2009
	Sipangpang Falls Watershed	Surigao del Sur	Cantilan		1,218.00	1747 - parcel 3	03/23/2009
	Surigao Watershed Forest Reserve	Surigao del Norte	Sison, Malimono, San Francisco, Surigao City		967.00	635	08/29/1990
	Taguibo River Watershed Forest Reserve	Agusan del Norte	Butuan City, Remedios Trinidad Romualdez, Cabadbaran		4,367.44	1076	09/04/1997
ARMM			**Subtotal**	**2**	**182,354.00**		
	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, Marawi City		180,460.00	871	02/26/1992
	South Upi Watershed Forest Reserve	Maguindanao	South Upi		1,894.00	65	02/20/1987

Source: Forest Management Bureau, DENR

Table 1.5
AREA OF LAKES IN THE PHILIPPINES BY REGION
As of 2016
(in hectares)

Region	Approximate Area
PHILIPPINES	**163,580.1**
NCR	2.6
CAR	15.8
Region I	337.2
Region II	164.2
Region III	1,281.9
Region IV-A	119,847.4
MIMAROPA	10,323.6
Region V	5,509.1
Region VI	179.2
Region VII	915.8
Region VIII	371.0
NIR	143.2
Region IX	802.6
Region X	407.4
Region XI	223.0
Region XII	8,375.9
Region XIII	14,682.9
ARMM	37,249.8

Source: Atlas of Philippine Inland Wetlands and Classified Caves 2016

Table 1.6
LAND COVER OF THE PHILIPPINES BY REGION AND PROVINCE
As of 2015
(in hectares)

Region/Province	Annual Crop	Brush/ Shrubs	Built-up	Closed Forest	Fishpond	Grassland	Inland Water
PHILIPPINES	**6,117,556.8**	**6,034,586.0**	**852,021.2**	**2,028,015.1**	**235,824.0**	**1,961,816.9**	**511,136.0**
NCR	**406.1**	**626.2**	**52,947.6**	**0**	**925.5**	**1,317.4**	**1,095.3**
Metro Manila	406.1	626.2	52,947.6	0	925.5	1,317.4	1,095.3
CAR	**241,053.7**	**488,918.9**	**23,606.4**	**250,545.0**	**231.6**	**198,744.3**	**24,092.9**
Abra	38,458.5	124,529.4	3,221.1	44,797.6	0	57,957.9	6,051.4
Apayao	29,207.2	114,979.8	2,749.0	102,083.7	0	4,839.1	5,044.3
Benguet	41,154.9	69,644.1	8,660.3	3,084.3	0	21,225.0	3,909.8
Ifugao	58,104.2	50,249.9	3,188.0	19,045.2	231.6	56,919.1	4,217.9
Kalinga	44,278.1	78,648.4	3,285.5	53,225.3	0	39,847.0	3,025.2
Mountain Province	29,850.8	50,867.5	2,502.5	28,308.7	0	17,956.2	1,844.3
I - Ilocos Region	**426,569.5**	**419,703.0**	**58,098.8**	**24,163.0**	**19,508.0**	**107,468.8**	**21,642.0**
Ilocos Norte	71,764.1	128,555.3	6,172.0	19,824.8	187.5	38,697.2	5,742.3
Ilocos Sur	66,268.7	124,972.5	8,526.2	26.6	653.9	8,274.1	3,632.9
La Union	53,273.1	66,264.3	9,534.4	0	1,437.9	1,648.2	2,345.1
Pangasinan	235,263.6	99,910.9	33,866.3	4,311.6	17,228.7	58,849.2	9,921.8
II - Cagayan Valley	**923,509.0**	**314,736.2**	**62,422.2**	**488,033.2**	**1,489.8**	**152,038.3**	**39,401.9**
Batanes	1,610.0	10,991.8	195.4	0	-	4,731.5	7.4
Cagayan	288,254.1	99,222.9	23,002.2	207,229.0	1,225.4	60,659.5	17,220.7
Isabela	494,528.0	89,314.3	29,735.5	90,076.2	88.4	11,823.1	15,314.8
Nueva Vizcaya	78,092.6	76,890.8	6,531.5	98,228.6	136.2	62,212.7	3,860.4
Quirino	61,024.2	38,316.3	2,957.5	92,499.4	39.7	12,611.6	2,998.5
III - Central Luzon	**676,379.3**	**333,977.1**	**118,196.4**	**234,839.2**	**61,773.8**	**194,769.4**	**41,591.8**
Aurora	16,168.2	17,953.7	2,670.2	126,883.3	67.0	2,719.9	2,506.6
Bataan	19,772.2	16,117.3	8,176.5	10,793.0	5,332.5	12,380.2	881.0
Bulacan	79,709.2	32,693.2	28,167.0	41,653.6	23,236.2	12,504.3	6,002.2
Nueva Ecija	282,129.0	96,371.4	22,062.8	14,108.7	143.6	46,729.8	9,239.2
Pampanga	97,227.9	13,505.3	30,875.1	649.2	30,282.9	11,748.5	5,420.3
Tarlac	146,566.1	62,181.1	16,276.0	6,298.5	920.7	24,321.8	4,754.1
Zambales	34,806.7	95,155.0	9,968.8	34,452.9	1,790.9	84,364.9	12,788.4
IVA - CALABARZON	**199,534.9**	**209,931.1**	**124,562.5**	**107,044.3**	**9,994.0**	**43,285.3**	**124,933.2**
Batangas	87,285.2	55,500.3	27,211.3	134.2	909.3	2,660.8	24,644.4
Cavite	26,970.2	15,549.5	33,061.2	0	878.0	10,178.4	451.7
Laguna	30,719.5	29,293.2	27,022.5	3,270.7	21.2	2,993.1	92,535.9
Quezon	46,992.8	52,558.4	16,606.2	96,416.8	8,138.8	15,666.5	6,579.7
Rizal	7,567.2	57,029.8	20,661.3	7,222.6	46.7	11,786.4	721.5
MIMAROPA	**289,692.7**	**723,005.6**	**37,115.3**	**110,161.0**	**10,782.6**	**218,956.7**	**33,132.8**
Marinduque	7,095.9	10,822.3	2,023.6	0	518.9	3,221.1	1,036.1
Occidental Mindoro	90,050.8	226,002.1	6,815.2	8,936.8	4,843.8	125,263.2	7,988.0
Oriental Mindoro	78,953.1	49,579.3	10,120.9	5,906.3	2,841.2	26,863.4	15,553.4
Palawan	105,346.7	407,744.5	16,206.0	91,541.3	2,193.1	47,340.1	7,757.8
Romblon	8,246.1	28,857.4	1,949.5	3,776.6	385.6	16,268.9	797.5
V - Bicol Region	**323,031.1**	**233,153.9**	**39,628.7**	**41,148.6**	**18,171.1**	**153,302.2**	**22,924.2**
Albay	48,618.5	15,962.3	9,158.5	9,143.9	345.9	12,238.7	2,160.2
Camarines Norte	17,697.2	66,834.1	3,469.0	9,606.9	3,171.7	6,917.1	3,307.4
Camarines Sur	127,391.9	57,416.6	12,226.4	11,556.0	2,907.6	29,164.6	10,100.0
Catanduanes	7,592.7	57,782.3	3,765.7	7,733.2	385.9	4,133.8	2,209.3
Masbate	93,092.6	31,999.6	6,663.2	0	8,453.6	88,257.1	3,339.7
Sorsogon	28,638.1	3,159.0	4,346.0	3,108.7	2,906.4	12,590.9	1,807.5
VI - Western Visayas	**856,964.7**	**574,738.7**	**47,897.0**	**62,024.6**	**52,976.4**	**103,642.4**	**17,896.0**
Aklan	24,200.5	53,718.9	5,075.4	9,849.4	7,295.9	17,907.9	2,828.4
Antique	55,745.8	84,213.0	5,052.0	20,418.9	395.0	35,570.6	2,986.3
Capiz	108,179.2	79,256.1	7,430.1	11,689.9	16,418.7	6,489.3	4,158.7
Guimaras	15,937.7	7,264.4	669.1	0	1,327.5	536.7	379.8
Iloilo	218,939.9	177,123.0	13,911.0	1,385.4	13,192.8	16,873.4	3,201.9
Negros Occidental	433,961.6	173,163.3	15,759.5	18,681.0	14,346.5	26,264.6	4,340.9
VII - Central Visayas	**335,583.7**	**416,486.1**	**57,344.0**	**4,226.1**	**9,334.4**	**75,178.7**	**8,025.2**
Bohol	80,720.6	70,009.1	11,290.2	0	4,894.5	50,814.4	1,915.4
Cebu	44,130.6	188,514.6	38,355.4	0	2,367.1	5,942.1	2,943.1
Negros Oriental	203,418.6	146,699.3	6,701.4	4,226.1	2,054.0	16,226.8	3,163.8
Siquijor	7,313.9	11,263.1	997.0	0	18.8	2,195.3	2.9

Table 1.6 *(Continued)*

Region/Province	Mangrove Forest	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	TOTAL
PHILIPPINES	**303,372.7**	**140,135.1**	**4,682,764.4**	**121,729.6**	**6,574,383.5**	**29,563,341.2**
NCR	**105.8**	**200.8**	**2,000.4**	**79.6**	**22.1**	**59,726.7**
Metro Manila	105.8	200.8	2,000.4	79.6	22.1	59,726.7
CAR	**0**	**0**	**556,674.6**	**10,808.5**	**4,168.5**	**1,798,844.4**
Abra	0	0	118,133.1	4,059.4	432.7	397,641.1
Apayao	0	0	134,269.8	1,622.4	1,205.0	396,000.3
Benguet	0	0	106,385.4	1,414.8	17.0	255,495.6
Ifugao	0	0	71,533.0	1,186.1	1,299.6	265,974.5
Kalinga	0	0	60,654.4	2,503.0	365.3	285,832.2
Mountain Province	0	0	65,698.9	22.8	849.0	197,900.7
I - Ilocos Region	**1,378.2**	**0**	**122,061.2**	**16,467.3**	**44,342.3**	**1,261,402.1**
Ilocos Norte	36.4	0	56,191.9	7,503.4	2,694.3	337,369.2
Ilocos Sur	49.2	0	36,930.7	2,410.5	4,542.9	256,288.1
La Union	151.9	0	7,770.6	2,472.9	1,227.8	146,126.3
Pangasinan	1,140.7	0	21,168.0	4,080.5	35,877.3	521,618.5
II - Cagayan Valley	**5,742.6**	**2,212.0**	**557,187.7**	**15,572.4**	**70,127.2**	**2,632,472.3**
Batanes	0	0	2,484.5	346.3	0	20,367.0
Cagayan	5,083.3	2,212.0	136,165.4	8,663.0	34,188.8	883,126.2
Isabela	659.3	0	300,520.8	3,029.3	5,545.8	1,040,635.6
Nueva Vizcaya	0	0	84,001.3	2,840.9	6,199.3	418,994.4
Quirino	0	0	34,015.7	693.0	24,193.4	269,349.2
III - Central Luzon	**1,899.5**	**1,793.9**	**299,826.3**	**20,747.6**	**131,304.9**	**2,117,099.3**
Aurora	478.7	0	92,933.0	1,765.0	44,173.3	308,318.9
Bataan	342.5	0	23,325.7	225.8	34,731.4	132,078.2
Bulacan	436.2	59.8	21,098.9	1,003.0	11,633.0	258,196.5
Nueva Ecija	0	0	61,902.8	2,102.8	8,147.5	542,937.7
Pampanga	89.3	1,734.1	6,516.3	2,072.3	7,860.1	207,981.3
Tarlac	0	0	26,478.8	3,250.4	10,855.5	301,903.0
Zambales	552.8	0	67,570.8	10,328.4	13,904.2	365,683.8
IVA - CALABARZON	**19,303.1**	**3.4**	**145,165.1**	**2,082.9**	**703,949.2**	**1,689,788.8**
Batangas	680.3	0	8,434.7	514.8	111,336.1	319,311.3
Cavite	174.6	0	3,886.8	270.2	36,518.6	127,939.2
Laguna	0	0	10,017.6	72.9	65,154.5	261,101.2
Quezon	18,448.2	0	113,159.4	514.8	481,272.7	856,354.4
Rizal	0	3.4	9,666.5	710.2	9,667.2	125,082.7
MIMAROPA	**68,416.5**	**682.7**	**769,216.8**	**12,992.6**	**411,143.6**	**2,685,298.9**
Marinduque	3,011.7	0	10,892.7	1,152.0	52,512.5	92,286.9
Occidental Mindoro	1,837.6	0	107,676.6	5,579.1	6,902.1	591,895.2
Oriental Mindoro	3,088.1	670.9	88,232.9	1,998.8	142,729.1	426,537.4
Palawan	59,421.2	9.6	543,496.5	3,789.3	157,899.3	1,442,745.5
Romblon	1,058.0	2.3	18,918.0	473.4	51,100.5	131,833.8
V - Bicol Region	**24,404.5**	**1,723.2**	**133,825.6**	**5,592.6**	**738,349.1**	**1,735,254.8**
Albay	1,325.4	689.8	20,326.1	2,530.4	118,645.6	241,145.2
Camarines Norte	4,595.9	0	14,674.7	553.1	81,671.6	212,498.7
Camarines Sur	7,348.8	893.0	43,913.4	282.0	228,026.2	531,226.5
Catanduanes	1,814.7	0	36,897.2	565.3	23,259.7	146,139.8
Masbate	5,437.1	140.5	91.9	1,127.8	160,332.6	398,935.5
Sorsogon	3,882.6	0	17,922.3	534.0	126,413.5	205,309.1
VI - Western Visayas	**14,399.6**	**20.8**	**127,365.1**	**10,525.3**	**148,397.5**	**2,016,848.3**
Aklan	1,583.9	0	26,556.3	1,839.8	30,645.6	181,502.1
Antique	905.3	20.8	40,210.9	5,552.3	23,548.1	274,619.0
Capiz	3,368.6	0	12,552.2	1,740.8	7,056.7	258,340.2
Guimaras	817.3	0	0	7.5	32,901.0	59,840.8
Iloilo	2,227.7	0	19,550.3	148.9	1,138.2	467,692.6
Negros Occidental	5,496.7	0	28,495.5	1,236.0	53,107.8	774,853.5
VII - Central Visayas	**19,037.2**	**60.6**	**56,223.8**	**3,005.6**	**436,208.3**	**1,420,713.8**
Bohol	12,942.1	0	19,884.0	290.4	144,452.1	397,212.9
Cebu	4,453.1	60.6	3,560.2	1,845.8	195,291.9	487,464.5
Negros Oriental	1,510.0	0	31,971.7	730.0	87,410.0	504,111.8
Siquijor	132.0	0	807.9	139.4	9,054.3	31,924.5

Continued

Table 1.6 *(Continued)*
LAND COVER OF THE PHILIPPINES BY REGION AND PROVINCE
As of 2015
(in hectares)

Region/Province	Annual Crop	Brush/ Shrubs	Built-up	Closed Forest	Fishpond	Grassland	Inland Water
VIII - Eastern Visayas	**204,428.0**	**369,049.1**	**31,475.9**	**42,667.3**	**5,054.5**	**38,473.9**	**17,587.1**
Biliran	5,214.1	3,757.7	1,564.6	0	26.4	1,478.5	240.7
Eastern Samar	28,871.3	61,062.8	3,735.1	20,432.9	43.7	8,362.9	3,620.4
Leyte	100,796.2	70,798.9	13,784.0	14,179.2	1,884.1	9,398.5	4,644.1
Northern Samar	38,147.5	38,719.3	4,794.3	0	1,053.7	4,057.5	3,666.1
Southern Leyte	9,200.1	53,391.8	3,411.3	4,257.1	106.0	4,086.9	946.9
Western Samar	22,198.9	141,318.5	4,186.7	3,798.1	1,940.6	11,089.6	4,468.9
IX - Zamboanga Peninsula	**118,926.5**	**297,792.5**	**15,091.0**	**28,775.2**	**23,765.8**	**143,779.0**	**11,008.6**
Isabela City	81.3	1,004.8	564.8	1,091.7	500.9	328.9	231.4
Zamboanga City	3,935.5	41,641.5	4,423.5	14,611.7	4,815.4	12,495.2	581.7
Zamboanga Del Norte	22,425.0	147,917.3	4,130.6	8,882.3	1,912.4	63,452.6	4,932.9
Zamboanga Del Sur	59,576.7	83,860.4	2,823.9	1,520.0	6,050.0	53,997.4	3,500.9
Zamboanga Sibugay	32,907.9	23,368.5	3,148.1	2,669.5	10,487.1	13,504.9	1,761.5
X - Northern Mindanao	**491,039.9**	**238,153.5**	**48,883.8**	**179,007.5**	**4,528.2**	**128,200.6**	**16,152.7**
Bukidnon	400,496.4	126,028.3	20,316.8	126,626.3	0	80,742.6	8,171.1
Camiguin	640.1	772.5	813.3	3,485.6	0	1,062.9	69.9
Lanao Del Norte	34,965.2	38,661.9	7,592.7	15,128.8	2,646.2	8,859.5	3,223.3
Misamis Occidental	13,881.5	15,987.3	5,961.7	23,273.7	1,252.5	4,200.8	1,375.8
Misamis Oriental	41,056.7	56,703.5	14,199.2	10,493.0	629.5	33,334.7	3,312.7
XI - Davao Region	**94,964.6**	**470,543.4**	**45,093.9**	**151,822.0**	**5,749.9**	**126,818.9**	**17,490.0**
Compostela Valley	20,865.1	111,440.6	8,479.4	50,886.4	287.1	2,756.0	4,240.9
Davao Del Norte	28,525.1	75,518.9	10,136.4	11,421.7	1,846.5	16,654.2	4,061.8
Davao Del Sur	29,260.4	116,330.3	17,246.0	6,037.3	1,607.3	24,896.4	2,620.2
Davao Occidental	1,459.5	27,307.8	1,355.2	14,518.4	640.0	49,921.2	969.0
Davao Oriental	14,854.5	139,945.8	7,877.0	68,958.2	1,369.0	32,591.2	5,598.0
XII - SOCCSKSARGEN	**528,927.9**	**367,487.4**	**46,758.2**	**93,152.7**	**3,251.8**	**188,470.5**	**22,420.3**
Cotabato City	2,654.7	17.5	1,378.8	0	1,222.7	197.3	1,003.0
North Cotabato	247,904.4	54,508.0	15,280.5	18,417.5	20.6	34,028.6	5,411.8
Sarangani	37,294.1	77,965.1	3,430.9	14,995.1	1,164.2	85,520.2	3,043.3
South Cotabato	116,705.2	134,576.9	18,114.2	37,978.0	290.8	26,018.9	3,642.3
Sultan Kudarat	124,369.7	100,420.0	8,553.8	21,762.1	553.5	42,705.6	9,319.9
XIII - Caraga Region	**159,251.4**	**409,313.2**	**26,697.3**	**125,937.0**	**6,329.5**	**33,426.2**	**41,752.8**
Agusan Del Norte	22,850.5	54,327.5	7,178.3	3,469.0	3,446.5	6,795.1	17,875.9
Agusan Del Sur	82,970.2	215,510.1	9,557.5	47,452.9		3,767.2	12,869.9
Dinagat Islands	3,598.0	23,165.0	939.5	6,373.2	72.9	8,509.7	1,194.6
Surigao Del Norte	17,695.7	41,594.8	4,537.6	7,931.5	1,039.0	11,388.9	2,440.7
Surigao Del Sur	32,137.0	74,715.7	4,484.5	60,710.5	1,771.0	2,965.4	7,371.7
ARMM	**247,293.9**	**166,970.1**	**16,201.9**	**84,468.3**	**1,957.1**	**53,944.2**	**49,989.3**
Basilan	1,084.5	6,483.5	1,889.6	9,754.1	579.8	1,743.0	1,377.3
Lanao Del Sur	76,946.7	35,107.2	3,476.5	63,269.7	43.7	8,328.8	37,612.1
Maguindanao	162,064.1	63,091.8	6,607.5	11,444.5	1,217.9	31,458.3	7,453.5
Sulu	7,198.6	25,020.8	2,466.8	0	59.5	2,067.4	2,617.0
Tawi-Tawi	0	37,266.7	1,761.6	0	56.2	10,346.6	929.5

Notes:
Generated from 2015 Land Cover Maps based on digitally classified LANDSAT 8 imageries with 30m resolution taken from 2014-2016 with ground validation.
Projection: PRS 1992
Source: National Mapping and Resource Information Authority

Table 1.6 *(Concluded)*

Region/Province	Mangrove Forest	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	TOTAL
VIII - Eastern Visayas	**34,051.6**	**3,928.9**	**435,242.9**	**3,801.5**	**901,225.7**	**2,086,986.4**
Biliran	399.4	0	9,048.9	22.2	31,510.0	53,262.4
Eastern Samar	8,059.8	12.9	154,245.9	2,016.5	136,419.7	426,884.0
Leyte	6,348.2	3,169.8	54,394.2	487.7	279,036.5	558,921.4
Northern Samar	9,138.5	746.2	39,372.2	1,042.2	197,192.1	337,929.6
Southern Leyte	437.5	0	25,302.3	136.4	63,856.6	165,132.8
Western Samar	9,668.2	0	152,879.5	96.5	193,210.8	544,856.2
IX - Zamboanga Peninsula	**25,275.2**	**96.8**	**116,920.0**	**1,030.0**	**672,012.2**	**1,454,472.6**
Isabela City	752.9	0	489.2	80.4	16,627.8	21,754.3
Zamboanga City	5,649.3	96.8	8,110.9	83.1	47,693.9	144,138.6
Zamboanga Del Norte	999.4	0	72,370.2	822.2	299,107.6	626,952.5
Zamboanga Del Sur	6,469.9	0	10,699.9	9.7	148,676.2	377,185.0
Zamboanga Sibugay	11,403.7	0	25,249.7	34.5	159,906.6	284,442.1
X - Northern Mindanao	**5,217.2**	**6.4**	**198,132.1**	**829.3**	**435,203.6**	**1,745,354.6**
Bukidnon	0	0	75,822.2	67.4	55,158.0	893,429.1
Camiguin	18.9	0	2,025.8	33.6	15,348.5	24,271.2
Lanao Del Norte	2,438.6	6.4	55,710.8	384.8	138,295.2	307,913.4
Misamis Occidental	2,472.5	0	14,725.5	15.1	105,790.8	188,937.4
Misamis Oriental	287.1	0	49,847.7	328.3	120,611.2	330,803.5
XI - Davao Region	**3,501.3**	**40.0**	**245,290.0**	**3,487.6**	**715,641.0**	**1,880,442.8**
Compostela Valley	170.8	0	72,467.5	355.3	179,173.1	451,122.3
Davao Del Norte	563.1	40.0	41,650.8	363.7	161,308.4	352,090.5
Davao Del Sur	221.0	0	26,243.5	644.5	177,120.6	402,227.4
Davao Occidental	227.1	0	19,709.8	240.2	84,209.5	200,557.8
Davao Oriental	2,319.3	0	85,218.4	1,883.9	113,829.4	474,444.7
XII - SOCCSKSARGEN	**1,848.9**	**27,787.5**	**182,889.1**	**2,014.8**	**386,174.6**	**1,851,183.9**
Cotabato City	658.3	2,980.6	189.8	2.7	1,128.3	11,433.7
North Cotabato	0	23,626.7	26,891.0	312.5	203,844.3	630,245.9
Sarangani	242.1	0	38,588.3	928.3	63,101.5	326,273.0
South Cotabato	32.2	358.0	36,932.6	464.7	61,115.2	436,229.1
Sultan Kudarat	916.3	822.2	80,287.4	306.5	56,985.3	447,002.2
XIII - Caraga Region	**27,049.7**	**44,920.5**	**571,785.6**	**9,703.0**	**438,698.4**	**1,894,864.7**
Agusan Del Norte	1,222.0	162.1	68,889.5	992.9	120,577.3	307,786.7
Agusan Del Sur	0	44,524.0	309,202.6	69.7	70,692.6	796,616.6
Dinagat Islands	2,230.0	0	20,774.8	1,690.9	12,029.1	80,577.6
Surigao Del Norte	13,913.5	234.4	14,377.2	4,896.1	82,747.6	202,797.0
Surigao Del Sur	9,684.3	0	158,541.5	2,053.4	152,651.8	507,086.8
ARMM	**51,741.9**	**56,657.5**	**162,958.1**	**2,989.1**	**337,415.3**	**1,232,586.8**
Basilan	8,955.9	129.2	2,340.8	589.7	79,232.8	114,160.1
Lanao Del Sur	461.4	0	89,658.8	11.7	45,875.7	360,792.4
Maguindanao	1,509.2	56,528.3	41,184.0	639.2	106,723.7	489,922.1
Sulu	26,530.7	0	2,209.0	622.2	82,352.8	151,145.0
Tawi-Tawi	14,284.7	0	27,565.4	1,126.3	23,230.2	116,567.2

Table 1.7
AREA BY SOIL TAXONOMY
(in hecatres)

Soil Taxonomy	Area
TOTAL	**30,000,000.00**
Acrisols	14,446,759.62
Cambisols	5,246,359.04
Lixisols	3,747,068.86
Fluvisols	2,110,593.74
Phaeozems	1,624,355.82
Andosols	767,943.58
Arenosols	615,841.57
Vertisols	600,240.72
Gleysols	311,154.72
Unclassified	288,631.94
Stagnosols	72,937.89
Regosols	66,881.88
Alisols	56,587.95
Luvisols	22,948.82
Nitisols	9,551.69
Histosols	7,617.26
Technosols	4,524.90

Source: Bureau of Soils and Water Management, DA

Table 1.8
AREA OF ECOSYSTEMS BY LAND COVER
As of 2017
(in hectares)

Area of Ecosystems (Protected Areas)	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland	Inland Water	Mangrove Forest
TOTAL	**352,953.2**	**31,998.5**	**697,018.5**	**1,579.2**	**9,703.3**	**224,255.4**	**110,223.6**	**100,830.7**
Abasig-Matogdon Mananap Natural Biotic Area	0.0	7.8	4,081.5	0.0	0.0	0.0	0.0	0.0
Agoo-Damortis Protected Landscape & Seascape	11.6	109.4	0.0	0.0	121.3	30.3	0.0	25.7
Agusan Marsh Wildlife Sanctuary	5,640.6	145.7	0.0	0.0	0.0	1,676.2	2,758.9	0.0
Aklan River Watershed Forest Reserve	0.0	0.0	8,169.6	0.0	0.0	6.1	30.5	0.0
Alabat Watershed Forest Reserve	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0
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	437.7	0.0
Alburquerque-Loay-Loboc Protected Landscape and Seascape	6.3	26.9	0.0	0.0	11.3	0.0	22.9	351.5
Aliguay Island Protected Landscape/Seascape	0.0	0.0	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	0.0	0.0
Aliwagwag Protected Landscape	0.0	0.0	5,997.6	0.0	0.0	0.0	11.0	0.0
Allah Valley WFR	23,447.2	1,049.5	13,781.1	0.0	0.0	344.5	1,956.4	0.0
Amro River Protected Landscape	54.6	0.0	850.9	0.0	0.0	0.0	0.0	0.0
Andanan Watershed Forest Reserve	303.7	2.4	42.8	0.0	0.0	10.3	38.8	0.0
Angat Watershed and Forest Range (Pilot)	0.0	0.0	2,126.5	0.0	0.0	212.0	9.8	0.0
Angat Watershed Forest Reserve District (Metro Water District)	0.0	0.0	36,211.6	1,310.5	0.0	203.1	2,232.6	0.0
Apo Island Protected Landscape/Seascape	0.0	2.8	0.0	0.0	0.0	18.0	0.0	0.0
Aurora Memorial National Park	81.8	21.6	3,197.9	0.0	0.0	24.9	91.3	0.0
Aurora Watershed Forest Reserve	0.0	0.0	1,549.2	0.0	0.0	0.0	0.0	0.0
Baganga Protected Landscape	0.0	0.0	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	13.5	0.0
Baliangao Protected Landscape/Seascape	0.0	0.0	0.0	0.0	2.1	0.0	16.5	76.9
Balinsasayao Twin Lakes Natural Park	157.7	0.0	431.3	0.0	0.0	0.0	102.6	0.0
Bangan Hill National Park	0.0	1.9	0.0	0.0	0.0	1.0	0.0	0.0
Barrio Bagumbang to Malautan River (Mangrove)	22.6	17.1	0.0	0.0	56.5	0.0	0.0	332.9
Basilan Natural Biotic Area	0.0	0.0	3,502.7	0.0	0.0	0.0	0.0	0.0
Basin Island	378.0	0.0	0.0	0.0	0.0	0.0	2.8	28.6
Bataan National Park	126.5	21.3	4,225.5	0.0	0.0	1,458.7	20.1	0.0
Batanes Protected Landscape & Seascape	1,640.5	156.3	0.0	0.0	0.0	6,857.6	5.8	0.0
Bawa Watershed Forest Reserve	158.1	2.4	8,331.4	0.0	0.0	61.3	63.2	0.0
Bessang Pass Natural Monument/Landmark	0.0	0.0	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	0.0	0.0
Bicol Natural Park	218.8	1.4	745.4	0.0	0.0	5.8	41.4	0.0
Bigbiga Protected Landscape	2.8	0.0	0.0	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	0.0	0.0

Table 1.8 *(Continued)*

Area of Ecosystems (Protected Areas)	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
TOTAL	**30,996.3**	**1,642,262.8**	**9,895.9**	**400,895.7**	**645,500.2**	**525,959.0**	**4,784,072.1**
Abasig-Matogdon Mananap Natural Biotic Area	0.0	0.0	0.0	678.8	689.0	461.2	5,918.3
Agoo-Damortis Protected Landscape & Seascape	0.0	0.0	19.1	0.0	0.0	26.5	343.9
Agusan Marsh Wildlife Sanctuary	29,366.1	0.0	0.0	1,350.8	0.0	0.0	40,938.3
Aklan River Watershed Forest Reserve	0.0	8,975.3	0.8	0.0	2,873.4	4,076.3	24,131.9
Alabat Watershed Forest Reserve	0.0	3.0	0.0	209.6	102.5	0.0	316.9
Alamio, Buayan, Carac-an, Panikian River and Sipangpang Falls Watershed Forest Reserve	0.0	23,745.5	117.3	519.0	234.1	3,645.3	43,345.7
Alburquerque-Loay-Loboc Protected Landscape and Seascape	0.0	0.0	0.0	148.5	0.0	0.0	567.4
Aliguay Island Protected Landscape/Seascape	0.0	0.0	7.3	65.2	0.0	0.0	72.6
Alihawan Cansujay Anibongan River WFR	0.0	50.6	0.0	2,984.2	608.7	0.0	3,737.4
Aliwagwag Protected Landscape	0.0	2,226.4	0.0	280.3	2,761.6	171.2	11,448.2
Allah Valley WFR	0.0	7,704.9	93.2	2,744.6	5,420.2	41,992.1	98,533.6
Amro River Protected Landscape	0.0	5,362.9	42.7	9.7	110.5	0.0	6,431.3
Andanan Watershed Forest Reserve	0.0	4,019.0	0.0	0.0	589.3	12,179.3	17,185.6
Angat Watershed and Forest Range (Pilot)	0.0	580.6	0.0	0.0	1,928.3	1,814.5	6,671.6
Angat Watershed Forest Reserve District (Metro Water	0.0	13,626.0	0.0	0.0	944.5	46.0	54,574.3
Apo Island Protected Landscape/Seascape	0.0	0.0	0.0	51.8	0.0	0.0	72.6
Aurora Memorial National Park	0.0	1,586.2	104.6	0.0	389.1	1,019.5	6,516.9
Aurora Watershed Forest Reserve	0.0	0.0	4.6	2.8	0.0	54.5	1,611.1
Baganga Protected Landscape	0.0	0.0	0.0	114.9	0.0	0.0	114.9
Balbalasang-Balbalan National Park	0.0	1,146.5	33.1	0.0	0.0	0.0	1,442.8
Baliangao Protected Landscape/Seascape	0.0	0.0	0.0	23.1	0.0	0.0	118.6
Balinsasayao Twin Lakes Natural Park	0.0	3,108.3	0.0	0.0	3,100.7	1,115.4	8,016.0
Bangan Hill National Park	0.0	0.0	0.0	0.0	0.0	7.2	10.1
Barrio Bagumbang to Malautan River (Mangrove)	0.0	0.0	9.8	45.5	0.0	0.0	484.4
Basilan Natural Biotic Area	0.0	0.0	0.0	2,753.3	346.9	0.0	6,602.9
Basin Island	0.0	0.0	0.0	99.5	0.0	0.0	509.0
Bataan National Park	0.0	6,875.0	1.6	1,463.2	3,401.5	2,403.6	19,997.1
Batanes Protected Landscape & Seascape	0.0	1,818.8	94.6	0.0	8,267.6	1,207.8	20,049.0
Bawa Watershed Forest Reserve	0.0	389.3	0.0	68.1	311.9	61.5	9,447.2
Bessang Pass Natural Monument/Landmark	0.0	516.8	0.0	0.0	0.0	422.7	939.5
Biak-na-Bato National Park	0.0	0.0	0.0	2,014.7	0.0	0.0	2,112.4
Bicol Natural Park	0.0	364.3	0.0	500.7	3,534.5	54.1	5,466.3
Bigbiga Protected Landscape	0.0	0.0	0.0	0.0	140.0	0.0	142.9
Binahaan River Watershed Forest Reserve	0.0	411.2	0.0	0.0	65.1	0.0	476.3

Continued

Table 1.8 *(Continued)*
AREA OF ECOSYSTEMS BY LAND COVER
As of 2017
(in hectares)

Area of Ecosystems (Protected Areas)	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland	Inland Water	Mangrove Forest
Biri Larosa Protected Landscape/Seascape	865.4	81.8	0.0	0.0	427.6	405.9	62.8	3,627.2
Bongsalay Natural Park	0.2	1.3	0.0	0.0	10.4	4.3	0.5	203.3
Buenavista Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulabog-Putian National Park	69.6	0.0	0.0	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	31.1	0.0
Buug Natural Biotic Area	62.7	7.0	0.0	0.0	0.0	22.2	0.0	0.0
Cabadbaran Watershed	0.0	0.0	171.4	0.0	0.0	195.9	74.2	0.0
Calabgan Watershed Forest Reserve	0.0	0.0	363.5	0.0	0.0	0.0	49.4	0.0
Calatrava, San Andres, San Agustin WFR	0.0	0.0	0.0	0.0	0.0	29.6	0.0	0.0
Calauag Watershed Forest Reserve	0.0	0.0	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	2.2	419.8
Calavite & F.B. Harrison Game Refuge and Bird Sanctuary	6,422.1	356.8	0.0	0.0	0.0	39,583.3	1,759.8	0.0
Calbayog-Pan-As Hayiban Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0
Capalonga Watershed Forest Reserve	0.0	0.0	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	5.1	25.0
Casecnan Protected Lanscape	802.4	128.9	62,125.9	4.4	0.0	5,991.4	661.8	0.0
Cassamata Hill National Park	0.2	16.7	0.0	0.0	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	182.5	0.0
Central Cebu Protected Landscape	3,933.8	98.5	4,628.2	0.0	0.0	54.5	124.6	0.0
Chico Island Wildlife Sanctuary	0.0	0.0	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	0.0	0.0
Cuatro Islas Protected Landscape/Seascape	0.0	0.0	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	0.0	0.0
Dalanas River WFR	0.3	0.0	2,960.9	0.0	0.0	324.1	180.7	0.0
Dibalo-Pingit-Zabali-Malayat Watershed Forest Reserve	0.0	0.0	4,484.6	0.0	0.0	0.0	12.9	0.0
Dinadiawan River Protected Landscape	184.5	0.0	199.3	0.0	0.0	0.0	37.8	0.0
Dipaculao Watershed Forest Reserve	0.0	0.0	1,790.9	0.0	0.0	0.0	6.6	0.0
Doña Remedios - General Tinio Watershed	0.0	0.0	5,208.1	0.0	0.0	24.1	293.3	0.0
Dumanquilas Protected Landscape/Seascape	4.8	35.4	0.0	0.0	0.0	0.0	10.6	115.6
Dupax Watershed Reservation	0.0	0.0	183.5	0.0	0.0	132.5	0.0	0.0
El Nido Managed Resource Protected Area	1,980.8	204.1	47.3	0.0	0.0	286.9	100.7	1,894.4
Entire Province of Palawan	851.2	157.2	12.6	0.0	1,136.8	325.8	708.9	41,348.3
Fuyot Springs National Park	569.5	0.0	0.0	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	0.0	195.9
Guadalupe Mabugnao Mainit Hot Spring National Park	6.9	0.0	0.0	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	10.3	249.9

Table 1.8 *(Continued)*

Area of Ecosystems (Protected Areas)	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
Biri Larosa Protected Landscape/Seascape	0.0	0.0	0.0	4,437.5	15.4	0.0	9,923.5
Bongsalay Natural Park	0.0	0.0	4.3	28.1	0.5	1.9	254.8
Buenavista Protected Landscape	0.0	0.0	0.0	83.8	203.4	0.0	287.2
Bulabog-Putian National Park	0.0	24.6	0.0	0.0	795.1	0.0	889.3
Bulusan Volcano Natural Park	0.0	2,769.1	135.2	702.4	0.0	0.7	3,641.6
Buug Natural Biotic Area	0.0	80.4	0.0	372.4	1,042.5	127.8	1,715.2
Cabadbaran Watershed	0.0	9,225.6	0.0	185.3	2,283.3	3,044.7	15,180.3
Calabgan Watershed Forest Reserve	0.0	3,985.0	0.0	125.7	0.0	105.9	4,629.5
Calatrava, San Andres, San Agustin WFR	0.0	1,073.6	0.0	411.0	1,100.0	0.0	2,614.3
Calauag Watershed Forest Reserve	0.0	0.0	0.0	242.8	64.2	0.0	307.0
Calauit Island Game Preserve and Wildlife Sanctuary	0.0	0.0	0.0	4.1	1,611.9	987.2	3,651.5
Calavite & F.B. Harrison Game Refuge and Bird Sanctuary	0.0	9,105.5	2,384.9	7.5	32,118.5	14,740.5	106,479.1
Calbayog-Pan-As Hayiban Protected Landscape	0.0	1,983.1	0.0	2,631.5	436.7	0.0	5,067.9
Capalonga Watershed Forest Reserve	0.0	0.0	0.0	355.0	0.0	3.9	358.9
Caramoan National Park	0.0	66.7	1.0	5.2	230.8	0.0	346.5
Casecnan Protected Lanscape	0.0	1,951.5	71.7	0.0	144.2	14,364.6	86,246.8
Cassamata Hill National Park	0.0	38.2	0.0	0.0	0.0	0.0	55.2
Catanduanes Watershed Forest Reserve	0.0	24,904.9	0.6	229.5	16,485.0	0.0	48,924.1
Central Cebu Protected Landscape	0.0	2,121.5	0.0	11,687.1	5,044.1	796.1	28,488.6
Chico Island Wildlife Sanctuary	0.0	0.0	0.0	6.5	0.0	0.0	6.5
Chocolate Hills Natural Monument	0.0	5.4	0.0	6,677.1	3,484.2	0.0	13,995.0
Cuatro Islas Protected Landscape/Seascape	0.0	0.0	0.0	134.8	0.0	0.0	134.8
Dahican Watershed Forest Reserve	0.0	0.0	0.0	13.9	26.7	1.0	42.2
Dalanas River WFR	0.0	391.1	0.0	0.0	1,879.7	2,218.0	7,954.7
Dibalo-Pingit-Zabali-Malayat Watershed Forest Reserve	0.0	0.0	0.0	74.3	0.0	0.0	4,571.8
Dinadiawan River Protected Landscape	0.0	2,308.6	0.0	30.7	0.0	605.5	3,366.5
Dipaculao Watershed Forest Reserve	0.0	0.0	0.0	300.1	580.7	0.0	2,678.3
Doña Remedios - General Tinio Watershed	0.0	13,996.2	0.0	0.0	1,234.4	174.7	20,930.8
Dumanquilas Protected Landscape/Seascape	0.0	0.0	1.4	647.9	0.2	0.0	815.9
Dupax Watershed Reservation	0.0	11.0	0.0	0.0	0.0	11.6	338.5
El Nido Managed Resource Protected Area	0.0	19,495.0	9.0	416.2	6,552.6	7,105.9	38,092.8
Entire Province of Palawan	3.8	694.3	48.9	3,452.4	2,294.3	1,559.0	52,593.4
Fuyot Springs National Park	0.0	7.9	0.0	0.0	472.7	110.2	1,160.3
Great and Little Sta. Cruz Islands Protected Landscape & Seascape	0.0	0.0	0.0	52.5	0.0	0.0	248.4
Guadalupe Mabugnao Mainit Hot Spring National Park	0.0	0.0	0.0	0.0	55.5	0.0	62.3
Guiuan Protected Landscape/Seascape	0.0	790.6	54.2	2,204.4	217.6	2.2	4,278.6

Continued

Table 1.8 *(Continued)*
AREA OF ECOSYSTEMS BY LAND COVER
As of 2017
(in hectares)

Area of Ecosystems (Protected Areas)	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland	Inland Water	Mangrove Forest
Hinulugan Taktak Protected Landscape	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
Hundred Island NP	3.2	0.0	0.0	0.0	97.3	0.0	0.0	49.0
Ilocos Norte Metro Watershed Forest Reseeve	16.8	0.0	0.0	0.0	0.0	449.7	2.7	0.0
Ilog-Hilabangan Watershed Forest Reserve	258.0	0.0	0.0	0.0	0.0	0.0	132.9	0.0
Infanta Watershed Forest Reserve	0.0	0.0	264.9	0.0	0.0	0.0	0.0	0.0
Initao-Libertad Protected Landscape and Seascape	0.0	0.0	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	2.1	0.0
Island of Basot and Quinalaang	9.0	23.1	0.0	0.0	9.0	1,211.4	10.8	171.4
Island of Alibijaban / Alibijaban Island PLSS	216.3	6.0	0.0	0.0	0.0	0.0	0.0	183.2
Island of Ambugan / Hambungan & Inabanga River (MSFR)	1.8	1.0	0.0	0.0	0.0	0.0	38.7	960.0
Island of Awasan, Cabilan, Capaquian, Sugbuhan and Tagboaba	26.5	3.1	0.0	0.0	1.6	0.0	0.0	273.7
Island of Bantayan	8,517.8	432.0	0.0	0.0	37.3	0.0	24.2	57.9
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	0.0	6.1
Island of Catiil, Colangaman, Lomislis, Tagangdio, Tintinan, and islet of Pamasuan	0.0	2.3	0.0	0.0	0.0	0.0	0.0	150.9
Island of Dampalit	5.9	0.0	0.0	0.0	0.0	0.0	0.0	10.4
Island of DInagat, Hikdop, Sibate and Hanigad	33.4	12.7	0.0	0.0	18.8	2.8	69.8	1,378.2
Island of Guinauycan, Naro, Chico and Pobre	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.6
Island of Lamagon (Lamayan), Cepaya and Cobeton	0.0	0.0	0.0	0.0	0.0	0.0	0.0	517.0
Island of Majaba and Napayuan	381.4	0.0	0.0	0.0	0.0	0.0	0.0	48.2
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	9.5	783.5
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	41.1	3,327.4
Island of Ponson, Poro and Pacihan	38.5	18.7	0.0	0.0	0.0	45.7	560.0	374.7
Island of Rasa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.6

Table 1.8 *(Continued)*

Area of Ecosystems (Protected Areas)	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
Hinulugan Taktak Protected Landscape	0.0	0.0	0.0	0.0	2.1	0.0	3.6
Hundred Island NP	0.0	0.0	0.0	0.0	131.9	0.0	281.3
Ilocos Norte Metro Watershed Forest Reseeve	0.0	29.2	0.0	5.0	1,067.0	677.4	2,247.7
Ilog-Hilabangan Watershed Forest Reserve	0.0	0.0	0.0	0.0	4,192.5	5,892.1	10,475.6
Infanta Watershed Forest Reserve	0.0	168.6	0.0	46.4	0.0	0.0	479.8
Initao-Libertad Protected Landscape and Seascape	0.0	53.8	0.0	13.6	0.0	0.0	67.4
Isabela (Monte-alto Timber Resouce Corporation Parcel (1 & 2) *Indicative*	0.0	0.0	0.0	0.0	67.7	983.0	1,139.2
Island of Basot and Quinalaang	0.0	0.0	3.2	1,798.2	0.0	89.7	3,325.6
Island of Alibijaban / Alibijaban Island PLSS	0.0	0.0	17.6	44.4	0.0	0.0	467.5
Island of Ambugan / Hambungan & Inabanga River (MSFR)	0.0	0.0	0.0	132.9	0.0	0.0	1,134.4
Island of Awasan, Cabilan, Capaquian, Sugbuhan and Tagboaba	0.0	0.0	0.0	242.0	1.8	746.0	1,294.6
Island of Bantayan	0.0	0.0	24.3	1,281.2	822.2	0.0	11,196.8
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	6.1
Island of Catiil, Colangaman, Lomislis, Tagangdio, Tintinan, and islet of Pamasuan	0.0	0.0	0.0	11.8	0.0	0.0	165.0
Island of Dampalit	0.0	0.0	0.0	0.0	0.0	0.0	16.2
Island of DInagat, Hikdop, Sibate and Hanigad	0.0	0.0	4.0	53.7	17.2	136.5	1,726.9
Island of Guinauycan, Naro, Chico and Pobre	0.0	0.0	0.0	82.0	0.0	0.0	117.6
Island of Lamagon (Lamayan), Cepaya and Cobeton	0.0	0.0	0.0	30.0	2.5	0.0	549.4
Island of Majaba and Napayuan	0.0	0.0	1.4	0.0	0.0	0.0	431.1
Island of Pamusuan, Handayan, Majanay, Islets of Bonoon, Lapinig, Pinahon and Lapinig Chico, Mangrove areas east of Soom River Pangpang	0.0	0.0	0.0	339.1	0.0	8.8	1,635.1
Island of Polilio, Alabat, Cabelete, Jomalig, Patnanongan, Kalotkot, Kalongkooan, Palasan, Calabao, Icol and San Rafael	0.0	0.0	0.0	656.1	368.9	0.0	4,474.0
Island of Ponson, Poro and Pacihan	0.0	0.0	0.0	173.7	22.6	0.0	1,233.9
Island of Rasa	0.0	0.0	0.0	0.0	0.0	0.0	38.6

Continued

Table 1.8 *(Continued)*
AREA OF ECOSYSTEMS BY LAND COVER
As of 2017
(in hectares)

Area of Ecosystems (Protected Areas)	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland	Inland Water	Mangrove Forest
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	9.0	1,362.3
Jalaur River Watershed Forest Reserve	1,673.0	0.0	482.8	0.0	0.0	0.0	82.4	0.0
Jose Rizal Memorial Protected Landscape	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Kabangkalan WFR	0.0	0.0	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	0.0	0.0
Kuapnit Balinsasayao National Park	7.6	0.0	0.0	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	0.2	0.0
Lake Buluan GRBS	812.0	17.7	0.0	0.0	0.0	2.4	5,783.7	0.0
Lake Butig National Park	17.3	0.0	0.0	0.0	0.0	0.0	18.0	0.0
Lake Danao Natural Park	0.0	0.0	0.0	0.0	0.0	0.0	136.7	0.0
Lake Dapao National Park	44.6	2.6	0.0	0.0	0.0	0.0	931.7	0.0
Lake Lanao Watershed Reservation	39,207.0	2,419.3	51,686.9	0.0	0.0	1,995.4	35,206.6	60.6
Lake Malimanga Bird and Fish Sanctuary	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Libmanan Caves National Park	0.0	0.0	0.0	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	0.0	0.0
Libungan WFR	14,124.5	82.7	1,014.0	0.0	0.0	0.0	150.4	0.0
Lidlidda Banayoyo Protected Landscape	6.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Loboc Watershed Forest	33.5	0.0	0.0	0.0	0.0	15.0	19.0	0.0
Lopez Watershed Forest	0.0	0.0	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	1,601.7	0.0
Luneta Park	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0
Maasin WFR	20.7	7.0	61.7	0.0	0.0	0.0	88.5	10.8
Mabini Protected Landscape and Seascape	0.0	21.7	0.0	0.0	3.4	0.0	0.7	133.3
MacArthur Landing National Park	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0
Mado Hotspring National Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Magapit Protected Landscape	447.4	7.6	1.3	0.0	0.0	897.5	0.0	0.0
Mahagnao Volcano Natural Park	0.0	0.0	0.0	0.0	0.0	0.0	22.8	0.0
Mahugunao Watershed Forest Reserve	0.0	0.0	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	15.7	0.0
Malabungot Protected Landscape & Seascape	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4
Malagos Watershed Reservation	0.0	19.9	0.0	0.0	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	32.1	3,342.1
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	10.5	404.6

Table 1.8 *(Continued)*

Area of Ecosystems (Protected Areas)	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
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	0.0	0.0	5.2	182.4	206.9	0.3	2,199.2
Jalaur River Watershed Forest Reserve	0.0	1,993.4	0.0	0.0	1,381.9	3,849.8	9,463.4
Jose Rizal Memorial Protected Landscape	0.0	0.0	0.0	335.0	135.6	0.0	471.3
Kabangkalan WFR	0.0	0.0	0.0	0.0	416.9	0.0	416.9
Kalbario-Patapat Natural Park	0.0	486.3	0.0	6.5	0.0	0.0	5,758.2
Kuapnit Balinsasayao National Park	0.0	30.4	0.0	246.7	0.0	92.1	376.8
Lagonoy Natural Biotic Area	0.0	18.2	0.0	305.4	119.8	0.0	443.6
Lake Buluan GRBS	1,590.8	0.0	0.0	72.2	88.6	0.0	8,367.4
Lake Butig National Park	0.0	0.0	0.0	0.0	0.0	0.0	35.3
Lake Danao Natural Park	0.0	1,653.4	0.0	32.9	421.0	0.0	2,244.1
Lake Dapao National Park	0.0	0.0	0.0	15.9	0.0	3.4	998.1
Lake Lanao Watershed Reservation	32.5	28,527.5	24.1	3,119.5	6,808.1	2,205.4	171,292.8
Lake Malimanga Bird and Fish Sanctuary	0.0	0.0	0.0	0.0	0.0	0.0	22.9
Libmanan Caves National Park	0.0	0.0	0.0	18.5	0.0	0.0	18.5
Libunao Protected Landscape	0.0	42.4	0.0	0.0	0.0	4.7	47.2
Libungan WFR	0.0	8,065.2	0.0	6,771.8	3,089.3	19,522.5	52,820.6
Lidlidda Banayoyo Protected Landscape	0.0	119.6	0.0	0.0	387.0	529.1	1,042.3
Loboc Watershed Forest	0.0	3,505.6	0.0	185.6	4,859.7	271.3	8,889.7
Lopez Watershed Forest	0.0	0.0	0.0	183.2	257.4	0.0	440.6
Lower Agno Watershed Forest Reserve	0.0	14,347.8	528.1	4.2	1,758.0	15,624.8	39,082.3
Luneta Park	0.0	0.0	0.0	0.0	0.0	0.0	16.0
Maasin WFR	0.0	1,371.5	12.4	339.7	2,787.9	1,839.7	6,540.0
Mabini Protected Landscape and Seascape	0.0	0.0	0.0	125.3	0.0	0.0	284.5
MacArthur Landing National Park	0.0	0.0	0.0	3.0	0.0	0.0	6.2
Mado Hotspring National Park	0.0	0.0	0.0	48.7	0.0	0.0	48.7
Magapit Protected Landscape	0.0	816.5	0.0	0.0	746.7	934.1	3,851.1
Mahagnao Volcano Natural Park	0.0	120.0	0.0	22.9	144.5	30.6	340.8
Mahugunao Watershed Forest Reserve	0.0	146.8	0.0	0.4	0.0	0.0	147.2
Mainit Hotspring Protected Landscape	0.0	713.4	0.0	16.1	988.0	118.4	1,855.8
Malabungot Protected Landscape & Seascape	0.0	0.0	0.0	123.5	0.0	0.0	139.9
Malagos Watershed Reservation	0.0	0.0	0.0	215.4	0.0	0.0	235.3
Malampaya Sound Protected Landscape	0.0	42,969.0	81.1	189.9	11,472.1	12,751.1	88,446.7
Malaquing River to Mabunga River, Cueva Point to Kimartinez Point, Kabugao Point to Kabalog Andang Point (Mangrove)	0.0	0.0	3.1	75.2	3.4	28.0	635.5

Continued

Table 1.8 *(Continued)*
AREA OF ECOSYSTEMS BY LAND COVER
As of 2017
(in hectares)

Area of Ecosystems (Protected Areas)	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland	Inland Water	Mangrove Forest
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,	92.3	28.6	0.0	0.0	288.3	0.0	45.4	220.6
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	71.9	1,677.1
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	5.4	1,051.2
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	137.4	791.5
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	4.6	70.8
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	10.0	34.8
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	177.2	4,811.9
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	97.6	1,191.8
Manila Bay Beach Resort	0.0	461.0	0.0	0.0	0.0	0.9	2.7	0.0
Manleluag Spring Protected Landscape	40.3	0.0	260.4	0.0	0.0	503.3	51.2	0.0
Marcos Highway Watershed Forest Reserve	6,249.7	2,910.4	0.0	0.0	8.1	10.9	101.9	0.0
Marinduque Wildlife Sanctuary	119.3	0.0	0.0	0.0	0.0	99.9	22.5	0.0
Masinloc and Oyon Bay Marine Reserve	1.0	39.9	0.0	0.0	16.4	0.0	0.0	55.3
Mati Protected Landscape	0.0	0.0	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	0.0	0.0
Mimbilisan Protected Landscape	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0
Minalungao National Park	47.3	0.0	0.0	0.0	0.0	88.3	84.1	0.0
Mount Timolan Protected Landscape	1.8	0.0	0.0	0.0	0.0	0.0	21.8	0.0
Mt Mayon Natural Park	58.2	0.0	0.0	0.0	0.0	542.1	91.5	0.0
Mt Pulag National Park	323.0	24.1	3,569.5	0.0	0.0	391.7	19.7	0.0
Mt. Apo Natural Park	4.0	7.5	4,242.6	0.0	0.0	486.8	79.7	0.0
Mt. Arayat National Park	3.9	1.5	773.1	0.0	0.0	513.8	0.0	0.0
Mt. Balatukan Range Natural Park	0.6	0.0	0.0	0.0	0.0	21.6	28.3	0.0

Table 1.8 *(Continued)*

Area of Ecosystems (Protected Areas)	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
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,	0.0	0.0	2.7	268.7	0.0	28.1	974.8
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	0.0	0.0	0.0	164.3	5.3	15.4	2,564.2
Mangrove Areas along Municipalities of Lavigan, Valencia Up to Taon River Municipality of Barcelona,, Islands of Masopelid, Mahaba, Condona, Bayagnan, Bilabid and Caye	0.0	0.0	9.0	68.6	0.2	3.5	1,168.6
Mangrove Areas from Del Pilar River to Palita Island, Bo. Salvacion and Dahican	0.0	0.0	6.8	448.9	48.7	30.1	2,208.3
Mangrove Areas from Liangan River to Lipatan River of the Municipality of Lapayan	0.0	0.0	4.5	24.9	0.2	0.0	121.2
Mangrove Areas from Tagasilay to the Mouth of Tigbao River including east of Vitali Island	0.0	0.0	0.0	79.8	0.8	36.2	286.4
Mangrove Areas in Tumalong Bay, Baong River, Pongca Bay,Mangrove in Pisan, Sagayapan, Tintauan and Sacol Island	0.0	0.0	157.6	860.0	0.0	0.0	7,978.7
Mangrove From Baculin Point to Lakud Point, From Tanuip Point to Quinablangan Island and Samal Island	0.0	0.0	17.2	254.1	0.0	0.0	1,762.8
Manila Bay Beach Resort	0.0	0.0	0.0	0.0	0.0	0.0	464.7
Manleluag Spring Protected Landscape	0.0	453.4	0.0	14.8	693.6	749.0	2,766.1
Marcos Highway Watershed Forest Reserve	0.0	7,308.0	30.9	188.0	3,827.4	10,907.1	31,542.5
Marinduque Wildlife Sanctuary	0.0	7,547.4	0.0	379.3	1,149.0	442.3	9,759.6
Masinloc and Oyon Bay Marine Reserve	0.0	0.0	0.5	45.0	611.8	0.0	769.9
Mati Protected Landscape	0.0	0.0	0.0	178.4	889.0	0.0	1,067.3
Maulawin Spring Protected Landscape	0.0	0.0	0.0	149.0	0.0	0.0	149.0
Mimbilisan Protected Landscape	0.0	0.0	0.0	38.5	24.1	42.7	106.8
Minalungao National Park	0.0	0.0	0.0	0.0	1,049.0	749.6	2,018.4
Mount Timolan Protected Landscape	0.0	1,242.7	0.0	629.1	349.2	0.0	2,244.5
Mt Mayon Natural Park	0.0	2,497.7	832.3	343.3	961.9	0.0	5,327.2
Mt Pulag National Park	0.0	6,289.8	0.0	0.0	73.5	910.6	11,601.9
Mt. Apo Natural Park	0.0	15,321.8	0.0	23,858.9	3,928.3	16,181.9	64,111.5
Mt. Arayat National Park	0.0	391.7	0.0	16.7	0.0	2,006.1	3,706.8
Mt. Balatukan Range Natural Park	0.0	10,161.5	0.0	0.0	135.9	686.4	11,034.4

Continued

Table 1.8 *(Continued)*
AREA OF ECOSYSTEMS BY LAND COVER
As of 2017
(in hectares)

Area of Ecosystems (Protected Areas)	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland	Inland Water	Mangrove Forest
Mt. Calavite Wildlife Sanctuary	197.6	21.7	0.0	0.0	0.0	3,881.0	3.7	0.0
Mt. Dajo National Park	0.0	0.0	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	3.7	0.0
Mt. Guiting-Guiting Natural Park	3.9	0.0	2,796.3	0.0	0.0	56.0	37.7	0.0
Mt. Hamiguitan Range Wildlife Sanctuary	0.0	0.0	4,903.7	0.0	0.0	0.0	3.5	0.0
Mt. Inayawan Range Natural	0.0	0.0	216.8	0.0	0.0	0.0	7.8	0.0
Mt. Isarog Natural Park	90.4	0.0	2,927.2	0.0	0.0	72.6	0.4	0.0
Mt. Kalatungan Range NP	6,031.0	8.1	25,798.0	0.0	0.0	1,037.6	0.2	0.0
Mt. Kanlaon Natural Park	7,709.6	6.1	3,380.6	0.0	0.0	1,556.4	57.2	0.0
Mt. Kitanglad Range Natural Park	1,892.8	5.2	20,487.3	0.0	0.0	0.0	18.3	0.0
Mt. Malindang Natural Park	2,284.0	10.6	23,661.8	4.0	0.0	64.1	65.5	0.0
Mt. Mantalingahan Protected Landscape	281.9	0.8	10,328.3	0.0	9.7	27.1	580.4	907.8
Mt. Matutum Protected Landscape	2,455.3	39.6	1,619.0	0.0	0.0	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	7.5	0.0
Mts. Banahaw- San Cristobal PL	924.0	1.1	2,268.3	0.0	0.0	116.6	56.3	0.0
Mts. Iglit-Baco National Park	1,079.2	0.0	0.0	0.0	0.0	46,947.7	624.8	0.0
Mts. Palay-palay-Mataas-na-Gulod	0.0	21.1	0.0	0.0	0.0	20.5	2.5	0.0
Mulanay Watershed Forest Reserve	0.0	0.0	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	0.0	0.0
Naguilian Watershed	0.0	0.0	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	0.0	24.4
Naujan Lake National Park	1,926.0	64.1	0.0	0.0	0.0	0.0	8,220.1	0.0
Ninoy Aquino Parks & Wildlife Center	0.0	5.1	0.0	0.0	0.0	0.0	2.7	0.0
Northern Luzon Heroes Hill National Park	25.0	5.5	0.0	0.0	0.0	112.7	21.8	0.0
Northern Negros Natural Park	24,706.5	0.0	13,079.9	0.0	0.0	0.0	32.0	0.0
Northern Sierra Madre Natural Park	10,778.3	11.0	49,705.6	96.9	0.0	1,843.1	770.4	722.9
Northwest Panay Peninsula Natural Park	0.0	0.0	1,494.7	0.0	0.0	26.2	0.0	0.0
Olango Island Wildlife Sanctuary	0.0	1.0	0.0	0.0	0.0	13.7	0.0	0.0
Olongapo Naval Base Perimeter	0.0	4.4	0.0	0.0	0.0	0.0	0.2	0.0
Olongapo WFR	0.0	31.4	0.0	0.0	0.0	0.0	12.4	0.0
Pagsanjan Gorge National Park	0.0	0.0	0.0	0.0	0.0	0.0	20.3	0.0
Palaui Island Marine Reserve	41.6	24.4	1,855.0	0.0	0.0	27.1	0.0	94.7
Palawan Flora and Fauna WFR (Parcel 1)	23.3	0.0	0.0	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	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	4,186.1	10,823.6
Palompon WFR	117.6	11.2	0.0	0.0	0.0	12.3	0.0	0.0
Palsabangan River up to Mazintuto River, Bacong River to Sandoval Point (Mangrove)	36.8	3.4	0.0	0.0	238.0	0.0	23.4	405.7
Pamitinan Protected Landscape	0.0	12.8	0.0	0.0	0.0	13.4	30.1	0.0
Pan-ay River WFR	44.3	0.0	0.0	0.0	0.0	0.0	37.3	0.0
Panglao Island Protected Seascape	0.0	52.4	0.0	0.0	0.0	0.1	35.0	100.3
Pantabangan-Caranglan Watershed Reservation	8,342.1	424.4	18,021.2	0.0	0.0	20,640.7	3,956.9	0.0

Table 1.8 *(Continued)*

Area of Ecosystems (Protected Areas)	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
Mt. Calavite Wildlife Sanctuary	0.0	5,155.2	14.1	50.0	5,255.0	3,376.2	17,954.6
Mt. Dajo National Park	0.0	0.0	0.0	39.6	230.1	0.0	269.7
Mt. Data National Park	0.0	1,387.1	0.0	0.0	497.6	351.3	5,512.1
Mt. Guiting-Guiting Natural Park	0.0	6,556.5	0.0	424.2	4,242.9	1,397.8	15,515.2
Mt. Hamiguitan Range Wildlife Sanctuary	0.0	8.2	0.0	0.0	1,900.7	321.2	7,137.4
Mt. Inayawan Range Natural	0.0	4,995.3	0.0	48.1	25.3	23.7	5,317.0
Mt. Isarog Natural Park	0.0	5,474.4	0.0	356.0	1,169.9	0.0	10,090.9
Mt. Kalatungan Range NP	0.0	905.6	0.0	0.0	2,175.4	0.0	35,956.0
Mt. Kanlaon Natural Park	0.0	7,416.6	429.0	404.3	1,795.1	805.1	23,559.8
Mt. Kitanglad Range Natural	0.0	23,473.6	0.0	0.0	45.8	1,311.2	47,234.2
Mt. Malindang Natural Park	0.0	12,845.6	0.0	4,650.7	2,685.7	6,151.7	52,423.5
Mt. Mantalingahan Protected Landscape	0.0	74,253.9	93.8	2,271.0	33,116.5	8.1	121,879.2
Mt. Matutum Protected Landscape	0.0	608.1	0.0	12.7	1,885.2	7,327.1	13,947.0
Mt. Timpoong Hibok-hibok Natural Monument	0.0	524.9	0.0	262.3	0.0	0.0	3,755.6
Mts. Banahaw- San Cristobal PL	0.0	5,443.2	0.0	596.0	1,884.1	21.1	11,310.6
Mts. Iglit-Baco National Park	0.0	32,358.3	184.6	958.4	15,274.5	9,228.0	106,655.5
Mts. Palay-palay-Mataas-na-Gulod	0.0	1,583.4	18.5	0.0	2,299.9	22.9	3,968.9
Mulanay Watershed Forest Reserve	0.0	0.0	0.0	29.7	0.0	0.0	29.7
Murcielagos Island Protected Landscape and Seascape	0.0	0.0	8.0	16.7	0.0	0.0	24.7
Naguilian Watershed	0.0	0.0	0.0	0.0	0.0	86.8	86.8
Naro Island Wildlife Sanctuary	0.0	0.0	0.0	2.9	0.0	0.0	27.3
Naujan Lake National Park	0.0	0.0	0.0	4,981.9	134.4	0.0	15,326.4
Ninoy Aquino Parks & Wildlife Center	0.0	5.6	0.0	0.0	0.0	10.7	24.1
Northern Luzon Heroes Hill National Park	0.0	1,188.1	11.0	1.0	98.2	3,931.7	5,395.1
Northern Negros Natural Park	0.0	14,820.7	2.5	649.0	17,334.5	200.8	70,825.8
Northern Sierra Madre Natural Park	0.0	215,863.1	86.5	0.0	2,420.8	5,603.8	287,902.5
Northwest Panay Peninsula Natural Park	0.0	7,208.3	0.0	0.0	1,443.4	1,836.8	12,009.3
Olango Island Wildlife Sanctuary	0.0	0.0	0.2	0.5	0.5	0.0	15.9
Olongapo Naval Base Perimeter	0.0	0.0	0.0	0.0	33.5	0.0	38.1
Olongapo WFR	0.0	3,196.9	0.0	382.8	305.3	2,364.7	6,293.5
Pagsanjan Gorge National Park	0.0	0.0	0.0	38.4	107.8	0.0	166.5
Palaui Island Marine Reserve	0.0	373.4	0.0	17.4	5.7	146.8	2,586.0
Palawan Flora and Fauna WFR (Parcel 1)	0.0	3,845.0	0.0	930.9	0.0	0.0	4,799.2
Palawan Flora and Fauna WFR (Parcel 2)	0.0	3,034.3	0.0	206.0	0.0	0.0	3,240.3
Palawan Game Refuge and Bird Sanctuary	3.0	382,164.0	1,138.7	160,092.0	234,649.8	99,005.4	1,082,260.1
Palompon WFR	0.0	0.0	0.0	4,078.5	1,143.3	268.1	5,631.0
Palsabangan River up to Mazintuto River, Bacong River to Sandoval Point (Mangrove)	0.0	0.0	0.0	67.8	0.0	0.0	775.1
Pamitinan Protected Landscape	0.0	0.0	0.0	0.0	427.8	125.0	609.1
Pan-ay River WFR	0.0	0.0	0.0	0.0	2,730.0	1,264.9	4,076.6
Panglao Island Protected Seascape	0.0	0.0	0.0	35.9	15.4	0.0	239.1
Pantabangan-Caranglan Watershed Reservation	0.0	9,480.7	1,170.8	113.9	10,440.4	22,274.0	94,865.0

Continued

Table 1.8 *(Continued)*
AREA OF ECOSYSTEMS BY LAND COVER
As of 2017
(in hectares)

Area of Ecosystems (Protected Areas)	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland	Inland Water	Mangrove Forest
Pantuwaraya Lake National Park *Indicative*	18.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Paoay Lake National Park	45.3	0.0	0.0	0.0	0.0	0.0	311.4	0.0
Pasonanca Natural Park	0.0	4.3	11,829.8	0.0	0.0	0.0	0.0	0.0
Peñablanca Protected Landscape	1,676.0	82.8	22,704.7	0.0	0.0	2,527.2	755.4	0.0
Pigbucan Point to Paron Point Mangrove	1.6	3.7	0.0	0.0	1.6	0.0	10.2	117.3
Polilio Watershed Forest	0.0	0.0	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	66.8	0.0
Pujada Bay Protected Landscape/Seascape	4.8	22.7	0.0	0.0	53.8	2.8	14.3	134.3
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	96.1	1,379.5
Quezon Protected Landscape	2.1	0.0	0.0	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	2,044.7	0.0
Rajah Sikatuna Protected Landscape	155.6	0.0	0.0	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	0.0	743.6
Roosevelt Protected Landscape	32.7	76.9	0.0	0.0	0.0	123.4	0.0	0.0
Rungkunan National Park *Indicative*	13.8	0.0	0.0	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	0.0	0.0
Sagay Marine Reserve	0.8	1.6	0.0	0.0	6.2	0.0	11.4	85.1
Salikata National Park *Indicative*	134.5	0.0	0.0	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	38.6	0.0
Samar Island NP	5,184.7	264.6	22,342.3	125.8	0.0	333.4	1,313.4	0.0
Santa WFR	0.0	0.0	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	12.3	31.3
Selinog Island Protected Landscape and Seascape	0.0	0.0	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	725.9	8,177.4
Sibalom Natural Park	71.3	0.0	0.0	5.4	0.0	236.3	41.1	0.0
Sibuyan Island (Mangrove)	150.9	3.6	0.0	0.0	0.0	0.0	8.2	265.5
Simbahan-Talagas Protected Landscape	13.1	0.0	129.0	0.0	0.0	0.0	0.0	0.0
Siocon Resource Reserve	7.3	0.0	878.4	0.0	0.0	0.0	0.1	0.0
South Upi Watershed Forest Reserve	638.7	0.0	0.0	0.0	0.0	93.2	0.0	0.0
Sta. Lucia Protected Landscape	0.0	0.0	0.0	0.0	0.0	15.9	0.4	0.0
Surigao WFR	1.9	0.0	0.0	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	79.9	1,466.7
Taal Volcano Protected Landscape	4,430.9	3,941.0	0.0	0.0	0.0	1,389.1	23,728.4	0.0
Taklong Island National Marine Reserve	11.1	0.0	0.0	0.0	5.7	0.0	0.0	15.7
Talavera Watershed Reservation	1,265.0	46.8	0.0	0.0	0.0	7,898.6	606.1	0.0
Talaytay Protected Landscape	0.0	0.0	986.7	0.0	0.0	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	0.0	313.7
Tanap Watershed Forest Reseeve	0.0	0.0	0.0	0.0	0.0	172.6	3.9	0.0

Table 1.8 *(Continued)*

Area of Ecosystems (Protected Areas)	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
Pantuwaraya Lake National Park *Indicative*	0.0	0.0	0.0	0.0	0.0	0.0	19.1
Paoay Lake National Park	0.0	0.3	0.0	0.6	21.2	0.0	378.8
Pasonanca Natural Park	0.0	1,404.2	0.0	600.7	3,113.2	541.2	17,493.4
Peñablanca Protected Landscape	0.0	59,558.7	182.2	0.0	1,388.1	14,184.4	103,059.5
Pigbucan Point to Paron Point Mangrove	0.0	0.0	0.0	4.0	0.0	1.0	139.4
Polilio Watershed Forest	0.0	0.0	0.0	39.4	86.6	0.0	126.0
Puerto Princesa Underground RIver	0.0	3,800.9	38.8	9.5	2,031.7	964.6	21,305.1
Pujada Bay Protected Landscape/Seascape	0.0	0.0	7.1	302.6	10.8	19.4	572.7
Putiao River to Malbog River, Getumbro pt. to Prieto Diaz, Panuntingan Pt. to Tagdon River, Sinagbatan Bay to Mantay Pt.	0.0	0.0	3.2	366.1	2.0	0.0	2,729.1
Quezon Protected Landscape	0.0	845.6	0.0	42.2	135.3	0.0	1,025.2
Quirino Protected Landscape	0.0	36,597.9	192.4	4,142.6	25,013.9	12,543.2	183,364.8
Rajah Sikatuna Protected Landscape	0.0	4,095.9	0.0	980.9	5,729.9	2.3	10,964.6
Rasa Island Wildlife Sanctuary	0.0	0.0	0.0	179.4	0.0	0.0	923.0
Roosevelt Protected Landscape	0.0	150.9	0.0	464.2	0.0	102.3	950.4
Rungkunan National Park *Indicative*	0.0	882.5	0.0	0.0	50.2	0.0	946.5
Sacred Mountain National Park	0.0	54.7	0.0	0.0	0.0	0.0	89.6
Sagay Marine Reserve	0.0	0.0	7.1	238.1	0.0	98.5	448.8
Salikata National Park *Indicative*	0.0	505.2	0.0	0.0	19.9	0.0	659.6
Salinas Natural Monument	0.0	633.1	61.5	6.9	0.0	3,760.2	5,966.0
Samar Island NP	0.0	275,288.3	117.3	60,667.4	35,316.5	57,526.5	458,480.1
Santa WFR	0.0	20.8	0.0	2.2	0.0	4.2	27.2
Sarangani Bay Protected Seascape	0.0	0.0	25.7	163.2	8.4	2.6	417.1
Selinog Island Protected Landscape and Seascape	0.0	0.0	3.5	68.7	0.0	0.0	72.2
Siargao Protected Landscape/Seascape	0.0	0.0	7.7	21,785.4	16,472.3	4,062.5	62,934.3
Sibalom Natural Park	0.0	2,476.5	2.4	0.0	331.0	1,152.1	4,316.1
Sibuyan Island (Mangrove)	0.0	0.0	0.0	34.8	12.2	16.8	492.1
Simbahan-Talagas Protected Landscape	0.0	1,384.8	0.0	13.7	0.0	743.9	2,284.4
Siocon Resource Reserve	0.0	191.5	0.0	0.0	60.8	171.1	1,309.1
South Upi Watershed Forest Reserve	0.0	801.7	0.0	0.0	76.2	128.9	1,738.6
Sta. Lucia Protected Landscape	0.0	0.0	0.1	0.0	13.0	167.0	196.3
Surigao WFR	0.0	0.0	0.0	357.5	592.5	0.0	951.9
Tañon Strait Protected Seascape	0.0	0.0	44.3	1,149.1	191.9	548.0	6,661.7
Taal Volcano Protected Landscape	0.0	132.8	608.4	24,520.4	2,440.9	1,100.3	62,292.2
Taklong Island National Marine Reserve	0.0	0.0	0.0	12.2	133.6	0.0	178.4
Talavera Watershed Reservation	0.0	5,133.8	0.0	2.7	3,012.1	9,521.3	27,486.5
Talaytay Protected Landscape	0.0	2,428.6	0.0	0.0	0.0	183.0	3,598.3
Talibon Group of Islands Protected Landscape and Seascape	0.0	0.0	0.0	0.0	0.0	0.0	392.4
Tanap Watershed Forest Reseeve	0.0	0.0	0.0	0.0	106.3	20.6	303.3

Continued

Table 1.8 *(Continued)*
AREA OF ECOSYSTEMS BY LAND COVER
As of 2017
(in hectares)

Area of Ecosystems (Protected Areas)	Annual Crop	Built-up	Closed Forest	Fallow	Fishpond	Grassland	Inland Water	Mangrove Forest
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	161.7	2,512.9
Tibiang-Damagandong Watershed Forest Reserve	0.0	0.0	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	0.0	0.0
Tumauini Watershed Forest Reserve	513.4	0.0	0.0	0.0	0.0	1,184.1	145.8	0.0
Turtle Islands Wildlife Sanctuary	47.3	35.9	0.0	0.0	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	1,261.0	12.7
Upper Agno River Basin Resource Reserve	13,954.7	346.5	2,116.7	0.0	0.0	5,135.2	1,445.6	0.0
Upper Marikina River Basin Protected Landscape	811.0	446.7	686.6	0.0	0.0	4,655.6	269.7	0.0
Wangag Watershed Forest Reserve	137.3	0.0	6,568.6	0.0	0.0	0.0	8.9	0.0
Watershed Purposes of Mariveles (Palanas)	0.0	0.0	0.0	0.0	0.0	81.2	0.0	0.0

Source: Biodiversity Management Bureau, DENR

Table 1.8 *(Concluded)*

Area of Ecosystems (Protected Areas)	Marshland/ Swamp	Open Forest	Open/ Barren	Perennial Crop	Shrubs	Wooded grassland	Total
Tanglar point to Bicol river up to the islands of Lahay, Locsuhin, Haponan, Quinabungan, Lamit and Batan	0.0	0.0	0.0	185.9	6.5	0.7	3,039.8
Tibiang-Damagandong Watershed Forest Reserve	0.0	0.0	0.0	257.7	16.7	0.0	274.5
Torrijos WFR	0.0	0.0	0.0	0.0	155.0	0.0	157.8
Tumauini Watershed Forest Reserve	0.0	3,329.1	0.0	0.0	180.7	1,156.3	6,509.4
Turtle Islands Wildlife Sanctuary	0.0	0.0	0.0	103.5	0.0	196.3	383.1
Unnamed National Park, Wildlife Sanctuary and Game Preserve	0.0	42,294.1	134.7	4,086.9	22,529.7	12,369.6	115,376.4
Upper Agno River Basin Resource Reserve	0.0	36,682.9	280.3	0.0	1,375.4	16,668.0	78,005.3
Upper Marikina River Basin Protected Landscape	0.0	5,419.4	15.8	930.5	8,343.6	4,546.6	26,125.6
Wangag Watershed Forest Reserve	0.0	0.0	0.0	82.0	0.0	127.6	6,924.4
Watershed Purposes of Mariveles (Palanas)	0.0	46.1	0.0	168.3	36.7	14.8	347.1

Table 1.9.1
KNOWN FAUNA SPECIES BY ECOSYSTEM
As of 2017

Ecosystem	No. of Species
Terrestrial	1387+
Marine	6*
Freshwater and Estuarine	2**

Notes:
* Dugong and 5 marine turtle species
** 2 species of crocodiles

Source: Biodiversity Management Bureau, DENR

Table 1.9.2
KNOWN FLORA AND FAUNA SPECIES BY STATUS CATEGORY
As of 2017

Status Category	Fauna	Flora
Critically Endangered	27	179
Endangered	118	254
Vulnerable	84	406
Other Threatened Species	9	145

Source: Biodiversity Management Bureau, DENR

Table 1.9.3
KNOWN FLORA AND FAUNA SPECIES BY CLASS
As of 2017

Status Category	No. of Species
Mammals (terrestrial)	207
Birds	685+
Reptiles	352
Amphibians	118

Source: Biodiversity Management Bureau, DENR

Table 1.10
NUMBER OF ENDEMIC KNOWN FLORA AND FAUNA SPECIES BY TAXONOMIC GROUP
2008 to 2017

Taxonomic Group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
A. Fauna										
Terrestial Mammals	120	121	123	130	132	132	132	133	133	133
Birds	178	178	178	184	213	215	216	217	230	231
Reptiles	173	175	188	195	196	196	198	198	244	244
Amphibians	88	93	94	95	95	95	95	95	98	97
B. Flora										
Angiosperms	*c. 5800*	*c. 5800*	*c. 5800*	…	…	…	…	…	…	…
Gymnosperms	6	6	6	…	…	…	…	…	…	…
Pteridophytes	285	285	285	…	…	…	…	…	…	…
Bryophytes	195	195	195	…	…	…	…	…	…	…

Source: Biodiversity Management Bureau, DENR

Table 1.11
NUMBER OF INVASIVE ALIEN FAUNA SPECIES BY TAXONOMIC GROUP
as of 2017

Taxonomic Group	No. of Species
Bird	2
Mammal	5
Amphibian	2
Reptile	2
Mollusk	2
Invertebrate	22

Source: Biodiversity Management Bureau, DENR

Table 1.12
POPULATION OF THREATENED SPECIES
2010 to 2017

Species	2010	2011	2012	2013	2014	2015	2016	2017
Philippine Eagle (in pairs)	500	500	500	500	500	500	500	500
Tamaraw	314	274	327	345	382	405	413	401
Philippine	239	450	450	750	427	535	377*	501

Note: * highest count in 2016
Source: Biodiversity Management Bureau, DENR

Table 1.13
NUMBER OF THREATENED WILDLIFE SPECIES BY TAXONOMIC GROUP
2008 to 2017

Taxonomic Group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
A. Fauna[A]	**216**	**207**	**207**	**207**	**207**	**207**	**212**	**212**	**212**	**212**
Land Mammals	43	42	42	42	42	42	43	43	43	43
Birds	132	127	127	127	127	127	126	126	126	126
Reptiles	27	24	24	24	24	24	29	29	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**	**984**

Notes:
[A] Based on DENR Administrative Order No. 2004-15 re: National List of Threatened Fauna and CITES listed species
[B] Based on DENR Administrative Order No. 2007-01 re National List of Threatened Philippine Plants
Source: Biodiversity Management Bureau, DENR

Table 1.14
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
PHILIPPINES						**240**		
NCR						**3**		
	Ninoy Aquino Parks and Wildlife Center	Quezon Avenue, Diliman, Quezon City	National Park	Terrestrial	Proc. 723 s. 2004/ Proc. 42 s. 1954		24.1	
	Luneta National Park*	Ermita, Manila	National Park	Terrestrial	Proc. 234 s. 1955		16.0	Under OGA
	Manila Bay Beach Resort*	Cities of Manila, Pasay and Parañaque	National Park	Terrestrial	Proc. 41 s. 1954		464.7	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,	Resource Reserve	Terrestrial	Proc. 268 s. 2000		78,005.3	
	Mt. Pulag National Park*	Balbalan, Kalinga, Nueva Viscaya	National Park	Terrestrial	Proc. 75 s. 1987		11,601.9	
	Lower Agno Watershed Forest Reserve*	Tuba, Itogon, Benguet & Baguio City, San Manuel and San Nicolas, Pangasinan	Watershed Forest Reserve	Terrestrial	Proc. 2320 s. 1983		39,082.3	
	Marcos Hi-way Watershed Forest Reserve*	Agoo, La Union; Baguio City and Tuba, Benguet	Watershed Forest Reserve	Terrestrial	Proc. 1754 s. 1978		31,542.5	For dis-establishment
	Cassamata Hill National Park*	Bangued, Abra	National Park	Terrestrial	Proc. 1305 s.1974		55.2	For delisting (co-management with LGU)
	Balbalasang-Balbalan National Park*	Balbalan, Kalinga, and Apayao	National Park	Terrestrial	R.A. 6463 s. 1972/ Proc. 1357 s. 1357		1,442.8	
	Mt. Data National Park*	Along the Baguio Bontoc National Road, Benguet, Ifugao; and Kayapa, Nueva Viscaya	National Park	Terrestrial	Proc. 65 s. 1936		5,512.1	
I - Ilocos Region						**15**		
	Kalbario-Patapat Natural Park	Pagudpud and Adams, Ilocos Norte	Natural Park	Terrestrial	Proc. 1275 s. 2007		5,886.6	
	Manleluag Spring Protected Landscape	Mangatarem, Pangasinan	Protected Landscape	Terrestrial	Proc. 576 s. 2004		2,766.1	
	Bessang Pass Natural Monument/Landmark	Cervantes, Ilocos Sur	Natural Monument	Terrestrial	Proc. 284 s. 2000		939.5	
	Lidlidda Protected Landscape	Lidlidda and Banayoyo, Ilocos Sur	Protected Landscape	Terrestrial	Proc. 266 s. 2000		1,042.3	
	Sta. Lucia Protected Landscape	Salcedo, Ilocos Sur	Protected Landscape	Terrestrial	Proc. 296 s. 2000		196.3	
	Libunao Protected Landscape	Sinait, Ilocos Sur	Protected Landscape	Terrestrial	Proc. 280 s. 2000		47.2	
	Bigbiga Protected Landscape	Narvacan, Ilocos Sur	Protected Landscape	Terrestrial	Proc. 290 s. 2000		142.9	
	Agoo-Damortis Protected Landscape and Seascape	Agoo, Sto. Tomas and Rosario, La Union	Protected Landscape & Seascape	Marine	Proc. 277 s. 2000		10,913.3	
	Paoay Lake National Park*	Paoay, Ilocos Norte	National Park	Terrestrial	P.D. 1554 s. 1978		378.8	For delisting (co-managed with the Provincial Gov't of Ilocos Norte)
	Tanap Watershed Forest Reserve*	Burgos, Ilocos Norte	Watershed Forest Reserve	Terrestrial	Proc. 803 s. 1971		303.3	For dis-establishment
	Northern Luzon Heroes Hill National Park*	Santa Navarcan, Ilocos Sur	National Park	Terrestrial	Proc.132 s. 1963		5,397.3	For delisting (co-managed with the Municipality of Santa)
	Hundred Island National Park*	Alaminos, Pangasinan	National Park	Marine	Proc. 667 s. 1940		1,762.1	Under OGA
	Naguilian Watershed Reservation*	Naguilian, La Union	Watershed Reservation	Terrestrial	Proc. 52 s. 1936		86.8	For dis-establishment
	Santa Watershed Forest Reserve*	Santa, Ilocos Sur	Watershed Forest Reserve	Terrestrial	Proc. 844 s. 1935		27.2	For delisting (To be incorporated with NLHHNP; co-managed with the Municipality of Santa)
	Ilocos Norte Metro Watershed Forest Reserve*	Pasuquin, Ilocos Norte	Watershed Forest Reserve	Terrestrial	Proc. 731 s. 1934		2,247.7	For delisting (co-managed with the LGU of Pasuquin)
	Quirino Protected Landscape	Diffun, Cabarroguis, Aglipay, Maddela & Nagtipunan, Quirino	Protected Landscape	Terrestrial	Proc. 779 s. 2005		183,364.76	
	Peñablanca Protected Landscape & Seascape	Peñablanca, Cagayan	Protected Landscape	Terrestrial	Proc. 484 s. 2003		118,653.66	
	Magapit Protected Landscape	Gattaran and Lal-lo, Cagayan	Protected Landscape	Terrestrial	Proc. 285 s. 2000		3,851.15	

Continued

Table 1.14 *(Continued)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
II - Cagayan Valley						**15**		
	Casecnan Protected Landscape	Dupax del Norte, Dupax del Sur, Nueva Vizcaya; Madella, Quirino and Dipaculao, Aurora	Protected Landscape	Terrestrial	Proc. 289 s. 2000		86,246.77	
	Salinas Natural Monument	Bambang, Kayapa and Aritao, Nueva Vizcaya	Natural Monument	Terrestrial	Proc. 275 s. 2000		5,966.05	
	Northern Sierra Madre Natural Park	Palanan, Divilacan, Maconacon, Ilagan, San Pablo, Cabagan, San Mariano, Dinapigue and Tumauini, Isabela	Natural Park	Terrestrial	R.A. 9125 s. 2001/ Proc. 978 s. 1997		356,969.32	
	Bangan Hill National Park	Bayombong, Nueva Vizcaya	National Park	Terrestrial	RA 7954 s. 1995		10.09	
	Palaui Island Marine Reserve	Sta. Ana, Cagayan	Marine Reserve	Marine	Proc. 447 s. 1994		8,048.57	
	Tumauini Watershed Forest Reserve	San Pablo, Cabagan, Maconacon, Divilacan, Isabela	Watershed Forest Reserve	Terrestrial	Proc. 355 s. 1994		6,509.38	
	Batanes Protected Landscape & Seascape	Batanes	Protected Landscape & Seascape	Terrestrial and Marine	RA 8991 s. 2001/ Proc. 335 s. 1994		210,687.81	
	Isabela (Monte-Alto Timber Resource Corporation Parcel	Echague and San Mariano Isabela	Wilderness Area	Terrestrial	Proc. 20 s. 1987		1,139.24	For dis-establishment
	Bawa Watershed Forest Reserve*	Gonzaga and Lal-lo, Cagayan	Watershed Forest Reserve	Terrestrial	Proc. 108 s. 1987		9,447.17	
	Wangag Watershed Forest Reserve*	Gonzaga and Lal-lo, Cagayan	Watershed Forest Reserve	Terrestrial	Proc. 107 s. 1987		6,924.40	
	Fuyot Springs National Park*	Ilagan City, Isabela	National Park	Terrestrial	Proc. 327 s. 1938		1,160.30	For delisting (co-managed with LGU)
	Dupax Watershed Reservation*	Dupax, Nueva Vizcaya	Watershed Reservation	Terrestrial	Proc. 720 s. 1934		338.52	For delisting (co-managed with LGU)
III - Central Luzon						**24**		
	Dinadiawan River Protected Landscape	Dipaculao, Aurora	Protected Landscape	Terrestrial	Proc. 278 s. 2000		3,366.54	
	Amro River Protected Landscape	Casiguran and Dilasaga, Aurora	Protected Landscape	Terrestrial	Proc. 274 s. 2000		6,431.30	
	Talaytay Protected Landscape	Dinalungan, Aurora	Protected Landscape	Terrestrial	Proc. 283 s. 2000		3,598.31	
	Simbahan-Talagas Protected Landscape	Dinalungan, Aurora	Protected Landscape	Terrestrial	Proc. 267 s. 2000		2,284.38	
	Roosevelt Protected Landscape	Hermosa and Dinalupihan, Bataan	Protected Landscape	Terrestrial	Proc. 273 s. 2000		950.42	
	Masinloc and Oyon Bay Marine Reserve	Masinloc, Oyon, Zambales	Marine Reserve	Marine	Proc. 231 s. 1993		7,558.13	
	Calabgan Watershed Forest Reserve*	Casiguran, Aurora	Watershed Forest Reserve	Terrestrial	Proc. 915 s. 1992		4,629.50	
	Dibalo-Pingit-Zabali-Malayat Watershed Forest Reserve*	Baler, San Luiz, Aurora	Watershed Forest Reserve	Terrestrial	Proc. 908 s. 1992		4,571.83	
	Doña Remedios/General Tinio Watershed*	Doña Remedios, Bulacan; Gen. Tinio, Nueva Ecija	Watershed Forest Reserve	Terrestrial	Proc. 230 s. 1988		20,930.85	
	Bataan National Park*	Hermosa, Orani, Samal, Abucay, Pila, Balanga, Bagac, and Morong Bataan; (Subic, Zambales)	National Park	Terrestrial	Proc. 192 s. 1987/ Proc. 24 s. 1945		20,004.17	
	Dipaculao Watershed Forest Reserve*	Dipaculao, Aurora	Watershed Forest Reserve	Terrestrial	Proc. 116 s. 1987		2,678.32	
	Olongapo Watershed Forest Reserve*	Olongapo, Zambales	Watershed Forest Reserve	Terrestrial	Proc. 66 s. 1987		6,293.50	For delisting (managed by SBMA)
	Lake Malimanga Bird and Fish Sanctuary*	Candelaria, Zambales	Game Refuge and Bird	Terrestrial	Proc. 1949 s. 1980		22.86	For delisting (recommended as critical habitat)
	Pantabangan-Carangalan Watershed Reservation*	Pantabangan, Caranglan, Nueva Ecija	Watershed Reservation	Terrestrial	Proc. 561 s. 1969		94,864.96	
	Olongapo Naval Base Perimeter*	Olongapo City, Zambales	National Park	Terrestrial	Proc. 478 s. 1968		46.49	
	Angat Watershed and Forest Range (Pilot)*	Norzagaray, San Jose Del Monte, Bulacan	Watershed Forest Reserve	Terrestrial	Proc. 391 s. 1968		6,671.63	For delisting (managed by MWSS)
	Minalungao National Park*	Gapan and Gen. Tinio, Nueva Ecija	National Park	Terrestrial	R.A. 5100 s. 1967		2,018.37	For dis-establishment
	Aurora Memorial National Park*	Bongabon, Nueva Ecija and Baler, Quezon	National Park	Terrestrial	Proc. 130 s. 1949		6,516.93	

Continued

Table 1.14 *(Continued)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
	Talavera Watershed Reservation*	Sta. Fe, Nueva Vizcaya, Carranglan, Lupao, San Jose and Pantabangan, Nueva	Watershed Reservation	Terrestrial	Proc. 350 s. 1938		27,486.49	
	Biak-na-Bato National Park*	San Miguel, Bulacan	National Park	Terrestrial	Proc. 223 s. 1937		2,112.40	For dis-establishment
	Mt. Arayat National Park*	Arayat, Pampanga	National Park	Terrestrial	Proc. 203 s. 1937		3,706.77	
	Aurora Watershed Forest Reserve*	Aurora	Watershed Forest Reserve	Terrestrial	Proc. 34 s. 1936		1,636.75	
	Angat Watershed Forest Reserve (Metro Water District)	Montalban, Rizal; San Jose Del, Monte, Norzagaray, Bulacan; and Angat, San Rafael, Nueva Ecija	Watershed Forest Reserve	Terrestrial	Proc. 71 s. 1927		54,574.30	For delisting (managed by NPC)
	Watershed Purposes of Mariveles (Palanas)*	Mariveles, Bataan	Watershed Forest Reserve	Terrestrial	E.O. 20 s. 1919		347.09	
IVA - CALABARZON						**22**		
	Upper Marikina River Basin Protected Landscape	Antipolo City; Baras, Rodriguez, San Mateo and Tanay, Rizal	Protected Landscape	Terrestrial	Proc. 296 s. 2011		26,125.64	
	Mts. Banahaw-San Cristobal Protected Landscape	Lucban, Tayabas, Sariaya Candelaria & Dolores, Quezon; Rizal, Nagcarlan, Liliw, Majayjay and San Pablo City, Laguna	Protected Landscape	Terrestrial	RA No. 9847 s. 2009		11,310.61	
	Mts. Palay-palay-Mataas-na-Gulod Protected Landscape	Ternate and Maragondon, Cavite & Nasugbu, Batangas	National Park	Terrestrial	Proc. 1315 s. 2007		3,972.70	
	Quezon Protected Landscape	Atimonan, Padre Burgos and Pagbilao, Quezon	Protected Landscape	Terrestrial	Proc. 394 s. 2003		1,025.18	
	Hinulugan Taktak Protected	Antipolo, Rizal	Protected Landscape	Terrestrial	Proc. 412 s. 2000		3.58	
	Maulawin Spring Protected Landscape	Guinayangan, Quezon	Protected Landscape	Terrestrial	Proc. 295 s. 2000		149.01	
	Buenavista Protected Landscape	Mulanay, Quezon	Protected Landscape	Terrestrial	Proc. 294 s. 2000		287.24	
	Pamitinan Protected Landscape	Rodriguez, Rizal	Protected Landscape	Terrestrial	Proc. 901 s. 1996		609.15	
	Taal Volcano Protected Landscape	Talisay, Malvar, Tanauan, Laurel, Agoncillo, Santa, Teresita, Cuenca, Alitagtag, Mataas na Kahoy, Lipa City, Balete, San Nicolas, Batangas; Tagaytay City	Protected Landscape	Terrestrial	Proc. 906 s. 1996		62,292.16	
	Binahaan River Watershed Forest Reserve*	Pagbilao, Mauban, Quezon	Watershed Forest Reserve	Terrestrial	Proc. 735 s. 1991		476.27	For delisting (co-managed with LGU)
	Alabat Watershed Forest Reserve*	Alabat, Quezon	Watershed Forest Reserve	Terrestrial	Proc. 156 s. 1987		316.88	For dis-establishment
	Island of Alibijaban Wilderness Area*	Ragay Gulf, Bondoc, Peninsula in Quezon	Protected Landscape & Seascape	Terrestrial	Proc. 2151 s. 1981		1,072.34	
	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	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		866.59	
	Island of Polilio, Alabat, Cabelete, Jomalig Patnanongan, Kalotkot, Kalongkooan, Palasan, Calabao, Icol, and San Rafael*	Lamon Bay, Quezon	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		4,750.43	
	Unnamed NP, Wildlife Sanctuary and Game Preserve (P.D. 1636)*	Provinces of Laguna, Quezon, Rizal and Bulacan	Wildlife Sanctuary and Game Preserve	Terrestrial	P.D. 1636 s. 1977		115,447.63	
	Infanta Watershed Forest Reserve*	Infanta, Quezon	Watershed Forest Reserve	Terrestrial	Proc. 158 s. 1967		479.78	

Continued

Table 1.14 *(Continued)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
	Polilio Watershed Forest Reserve*	Polilio, Quezon	Watershed Forest Reserve	Terrestrial	Proc. 72 s. 1966		125.98	For delisting (co-managed with LGU as Local Conserved Area)
	Lopez Watershed Forest Reserve*	Calauag, Guinayangan and Lopez, Quezon	Watershed Forest Reserve	Terrestrial	Proc. 566 s. 1940		440.56	For dis-establishment
	Pagsanjan Gorge National Park*	Cavinti and Lucban, Laguna	Watershed Forest Reserve	Terrestrial	Proc. 392 s. 1939		306.98	Under OGA
	Calauag Watershed Forest Reserve*	Calauag, Quezon	National Park	Terrestrial	Proc. 367 s. 1939		166.52	For dis-establishment
	Mulanay Watershed Forest Reserve*	Mulanay, Quezon	Watershed Forest Reserve	Terrestrial	Proc. 296 s. 1938		29.66	For delisting (co-managed with FMS)
	Tibiang-Damagandong Watershed*	Guinayangan, Quezon	Watershed Forest Reserve	Terrestrial	Proc. 295 s. 1938		274.47	For dis-establishment
MIMAROPA						**23**		
	Tubbataha Reefs Natural Park	Cagayancillo, Palawan	Natural Park	Marine	Proc. 10067 s. 2010		451,600.56	
	Mt. Mantalingahan Protected Landscape	Bataraza, Brooke's Point, Sofronio Española, Quezon and Rizal, Palawan	Protected Landscape	Terrestrial	Proc. 1815 s. 2009		121,886.57	
	Rasa Island Wildlife Sanctuary	Narra, Palawan	Wildlife Sanctuary	Terrestrial	Proc. 1000 s. 2006		1,994.84	
	Marinduque Wildlife Sanctuary	Boac, Gasan, Buenavista, Torrijos and Sta. Cruz, Marinduque	Wildlife Sanctuary	Terrestrial	Proc. 696 s. 2004		9,759.60	
	Malampaya Sound Protected Landscape and Seascape	Taytay and San Vicente, Palawan	Protected Landscape & Seascape	Marine	Proc. 342 s. 2000		201,018.26	
	Mt. Calavite Wildlife Sanctuary	Paluan, Occidental Mindoro	Wildlife Sanctuary	Terrestrial	Proc. 292 s. 2000		18,172.69	
	Puerto Princesa Underground River	Puerto Princesa, Palawan	Natural Park	Terrestrial	Proc. 212 s. 1999		21,908.63	
	El Nido Managed Resource Protected Area	El Nido, Palawan	Natural Park	Marine	Proc. 32 s. 1998		91,954.96	
	Apo Reef Natural Park	Sablayan, Occidental Mindoro	Natural Park	Marine	Proc. 868 s. 1996		27,487.94	
	Mt. Guiting-Guiting Natural Park	Cajidiocan, Magdiwang, and San Fernando, Island of Sibuyan, Romblon	Natural Park	Terrestrial	Proc. 746 s. 1996		15,515.22	
	Palawan Flora, Fauna and Wateshed Forest Reserve (Parcel 2)*	Puerto Princesa, Palawan	Watershed Forest Reserve	Terrestrial	Proc. 2425 s. 1985		3,240.29	For delisting (under City Government of PP)
	Palawan Flora, Fauna and Watershed Forest Reserve (Parcel 1)*	Puerto Princesa, Palawan	Watershed Forest Reserve	Terrestrial	Proc. 2221 s. 1982		4,799.18	For delisting (under City Government of PP)
	Calatrava, San Andres, San Agustin Watershed Forest Reserve*	Calatrava, San Andres, San Agustin, Tablas Island, Romblon	Watershed Forest Reserve	Terrestrial	Proc. 2186 s. 1982		2,614.28	
	Entire Province of Palawan*	Palawan	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		55,471.17	For delisting (co-managed with PCSD)
	Sibuyan Island*	Romblon	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		504.71	
	Mangrove areas along the banks of Mamburao River Buluagan River to Lagarum River, Naujan*	Oriental Mindoro	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		997.42	
	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 Sogucav*							

Continued

Table 1.14 *(Continued)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
	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	Marinduque	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		2,351.44	
	Calauit Island Game Preserve and Wildlife Sanctuary*	Calauit, New Busuanga, Palawan	Game Preserve and Wildlife Sanctuary	Terrestrial	PD 1578 s. 1976		3,701.62	For delisting (under the PCSD management)
	Mts. Iglit Baco National Park*	Sablayan, Occidental Mindoro and Bongabon, Oriental Mindoro	National Park	Terrestrial	Proc. 557 s. 1969		106,655.50	
	Naujan Lake National Park*	Naujan, Pola and Victoria, Oriental Mindoro	National Park	Terrestrial	Proc. 335 s. 1968		15,326.45	
	Palawan Game Refuge and Bird Sanctuary*	Palawan	Game Refuge and Bird Santuary	Terrestrial	Proc. 219 s. 1967		1,088,181.26	For delisting (Individual proclamation to be retained (Malampaya, Rasa, Puerto Princessa Subterrenean, Mt. Mantalingahan and El Nido)
	Torrijos Watershed Forest Reserve*	Torrijos, Marinduque	Watershed Forest Reserve	Terrestrial	Proc. 463 s. 1932		157.84	For dis-establishment
	Calavite and F.B. Harrison Game Refuge and Bird Sanctuary*	Sablayan and Mamburao, Occidental Mindoro	Wildlife Sanctuary	Terrestrial	E.O. 9 s. 1920		106,479.07	
V - Bicol Region						**25**		
	Mt. Isarog Natural Park	Naga City, Calabanga, Tinambac, Goa, Tigaon, Ocampo and Pili, Camarines Sur	Natural Park	Terrestrial	Proc. 214 s. 2002		10,090.89	
	Bicol Natural Park	Basud and Daet, Camarines Norte and Sipocot and Lupi, Camarines Sur	Natural Park	Terrestrial	Proc. 43 s. 2000		5,466.35	
	Bulusan Volcano Natural Park	Casiguran, Barcelona, Irosin and Juban, Sorsogon	Natural Park	Terrestrial	Proc. 421 s. 2000		3,641.57	
	Mayon Volcano Natural Park	Daraga, Albay, Camalig, Guinobatan, Ligao, Malilipot and Tabaco, Legaspi City, Sto. Domingo, Albay	Natural Park	Terrestrial	Proc. 413 s. 2000		5,327.15	
	Bongsanglay Natural Park	Batuan, Masbate	Natural Park	Terrestrial	Proc. 319 s. 2000		518.90	
	Naro Island Wildlife Sanctuary	Cawayan, Masbate	Wildlife Sanctuary	Terrestrial	Proc. 317 s. 2000		110.01	
	Abasig-Matogdon Mananap Natural Biotic Area	Labo, San Lorenzo Ruiz (Imelda) and San Vicente, Camarines Norte	Natural Biotic Area	Terrestrial	Proc. 318 s. 2000		5,918.31	
	Lagonoy Natural Biotic Area	Lagonoy, Camarines Sur	Natural Biotic Area	Terrestrial	Proc. 297 s. 2000		443.63	
	Chico Island Wildlife Sanctuary	Cawayan, Masbate	Wildlife Sanctuary	Terrestrial	Proc. 272 s. 2000		7.84	
	Malabungot Protected Landscape & Seascape	Garchitorena, Camarines Sur	Protected Landscape & Seascape	Marine	Proc. 288 s. 2000		147.71	
	Catanduanes Watershed Forest Reserve*	Virac, Bato, San Miguel, Pandan, Calolbon, Baras, Catanduanes	Watershed Forest Reserve	Terrestrial	Proc. 123 s. 1987		48,924.05	
	Island of Basot and Quinalaang	Camarines Sur	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		3,583.98	For dis-establishment
	Islands of Guinauyan, Naro, Chico, and Pobre*	Asia Gulf in Masbate	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		150.92	For dis-establishment
	Island of Majaba and Napayuan*	Sibuyan Sea, Masbate	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		440.83	For dis-establishment
	Island of Dampalit*	Samar Sea in Masbate	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		16.53	
	Mangrove areas from Del Pilar River to Palita Island, Bo. Salvacion and Dahican*	Camarines Norte	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		2,420.36	

Continued

Table 1.14 *(Continued)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
	Tanglar point to Bicol river up to the islands of Lahay, Locsuhin, Haponan, Quinabungan, Lamit and Batan	Camarines Sur	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		3,141.83	
	Pigbucan to Paron Point*	Manito, Albay	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		194.53	
	Putiao River to Malbog River, Getumbro pt. to Prieto Diaz, Panuntingan Pt. to Tagdon River, Sinagbatan Bay to Mantay Pt.	Sorsogon	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		2,791.53	
	Malaquing River up to Mabunga River, Cueva Point up to Kimartinez Point, Kabugao Point up to Kabalog Andang Point	Burias Island	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		662.62	
	Basin Island*	(near Burias Island)	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		518.76	
	Capalonga Watershed Forest Reserve*	Capalonga, Camarines Norte	Watershed Forest Reserve	Terrestrial	Proc. 128 s. 1968		358.92	For dis-establishment
	Caramoan National Park*	Caramoan, Camarines Sur	National Park	Terrestrial	Proc. 291 s. 1938		347.09	
	Libmanan Caves National Park*	Libmanan, Camarines Sur	National Park	Terrestrial	Proc. 654 s. 1934		18.52	For dis-establishment
	Dahican Watershed Forest Reserve*	Mambulao, Camarines Norte	Watershed Forest Reserve	Terrestrial	Proc. 592 s. 1933		42.24	For dis-establishment
VI - Western Visayas						**14**		
	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	Natural Park	Terrestrial	Proc. 895		70,825.81	
	Northwest Panay Peninsula Natural Park	Nabas, Malay, and Buruanga, Aklan/Libertad and Pandan, Antique	Natural Park	Terrestrial	Proc. 186 s. 2002		12,009.29	
	Mt. Kanlaon Natural Park	Bago, La Carlota, La Castellana, Murcia, San Carlos, Negros Occidental; City of Canlaon, Vallehermoso, Negros	Natural Park	Terrestrial	RA 9154 Proc. 1005		23,559.76	
	Sagay Marine Reserve	Sagay City, Negros Occidental	Marine Reserve	Marine	RA 9106 Proc. 592		32,515.05	
	Sibalom Natural Park	Sibalom, Antique	Protected Seascape	Marine	Proc. 282 s. 2000		2,445.08	
	Kabangkalan Watershed Forest Reserve*	Kabangkalan, Negros Occidental	Watershed Forest Reserve	Terrestrial	Proc. 820		416.86	For dis-establishment
	Pan-ay River Watershed Forest Reserve*	Tapaz, Capiz	Watershed Forest Reserve	Terrestrial	Proc. 599 s. 1990		4,076.56	For dis-establishment
	Aklan River Watershed Forest Reserve*	Madalag and Libacao, Aklan	Watershed Forest Reserve	Terrestrial	Proc. 600 s. 1990		24,131.88	For delisting (Recommended to be declared as Central Panay Mountains Critical Habitat (under the Giz-DENR-LGU Climate Forest Protection Project in
	Jalaur River Watershed Forest Reserve*	Calinog, Iloilo	Watershed Forest Reserve	Terrestrial	Proc. 601 s. 1990		9,463.36	For delisting (Recommended to be declared as Central Panay Mountains Critical Habitat (under the Giz-DENR-LGU Climate Forest Protection Project in

Continued

Table 1.14 *(Continued)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
	Dalanas River Watershed Forest Reserve*	Barbaza, Antique	Watershed Forest Reserve	Terrestrial	Proc. 603 s. 1990		7,954.74	For delisting (Recommended to be declared as Central Panay Mountains Critical Habitat (under the Giz-DENR-LGU Climate Forest Protection Project in
	Ilog-Hilabungan Watershed Forest Reserve*	Himamaylan and Kabankalan, Negros Occidental	Watershed Forest Reserve	Terrestrial	Proc. 602		10,475.57	For dis-establishment
	Taklong Island National Marine Reserve*	Nueva Valencia, Guimaras, Iloilo	National Marine Reserve	Marine	Proc. 525 s. 1990		1,143.57	
	Bulabog-Putian National Park*	Dingle and San Enrique, Iloilo	National Park	Terrestrial	Proc. 760 s. 1961		889.25	For dis-establishment
	Maasin Watershed Forest Reserve*	Cabatuan, Iloilo	Watershed Forest Reserve	Terrestrial	Proc. 16 s. 1923		6,539.95	
VII - Central Visayas						**19**		
	Central Cebu Protected Landscape	Cities of Cebu, Talisay, Toledo and Danao; Minglanilla, Consolacion, Liloan Compostela & Balamban, Cebu	Protected Landscape	Terrestrial	RA 9486 s. 2007 Proc. 441		28,488.57	
	Panglao Island Protected Seascape	Island of Panglao, Bohol	Protected Seascape	Marine	Proc. 426 s. 2003		2,445.08	
	Rajah Sikatuna Protected Landscape	Carmen, Sierra Bullones, Valencia Garcia, Hernandez, Dimiao, Bilar, Batuan, Bohol	Protected Landscape	Terrestrial	Proc. 287 s. 2000		10,964.64	
	Alburquerque-Loay-Loboc Protected Landscape and	Alburquerque, Loay, Loboc, Bohol	Protected Landscape & Seascape	Marine	Proc. 293 s. 2000		1,165.51	
	Talibon Group of Islands Protected Landscape and Seascape	Talibon, Bohol	Protected Landscape & Seascape	Marine	Proc. 131 s. 1999		6,446.31	
	Tañon Strait Protected Seascape	Cebu, Negros Occidental and Negros Oriental	Protected Seascape	Marine	Proc. 1234 s. 1998		534,589.05	
	Chocolate Hills Natural Monument	Carmen, Batuan, Sagbayan, Bilar, Valencia, Sierra Bullones, Bohol	Natural Monument	Terrestrial	Proc. 1037 s. 1037		13,994.95	
	Alijawan-Cansuhay, Anibongan River Watershed Forest Reserve*	Duero, Jagna, Bohol	Watershed Forest Reserve	Terrestrial	Proc. 881 s. 1992		3,737.44	For dis-establishment
	Island of Bantayan*	Visayan Sea in Cebu	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		11,259.58	
	Islands of Catiil, Colangaman, Lomislis, Tagangdio, Tintiman and the Islet of Pamasuan*	Caniago Channel, Bohol	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		219.27	
	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 Camotes Sea, Bohol	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		38.30	
	Islands of Banaon, Basaan, Saac, Tambu and Bambanon*							
	Island of Ponson, Poro, Pacihan*	Camotes Sea, Cebu	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		1,436.98	
	Island of Pamusuan, Handayan, Majanay; Islets of Bonoon, Lapinig Pinahon and Lapinig Chico; Mangrove areas east of Soom RiverPangpang**	Camotes Sea, Bohol	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		2,850.75	

Continued

Table 1.14 *(Continued)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
	Island of Ambugan/Hambungan and Inabanga River (MSFR)	Cebu strait, Bohol	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		1,214.59	
	Guadalupe Mabugnao Mainit Hot Spring NP*	Carcar, Cebu	National Park	Terrestrial	R.A. 6429 s. 1972		62.34	For dis-establishment
	Loboc Watershed Forest Reserve*	Balilihan, Bilar, Batuan, Carmen, Clarin, Garcia Hernandez, Jagna, Loboc, Lila, Sivilya, Sierra Bullones and Velencia, Bohol	Watershed Forest Reserve	Terrestrial	Proc. 450 s. 1953		8,889.68	For dis-establishment
	Balinsasayao Twin Lakes Natural Park	Valencia, Sibulan and San Jose, Negros Oriental	Natural Park	Terrestrial	Proc. 414 s. 2000		8,016.05	
	Apo Island Protected Landscape/Seascape	Zamboanguita, Negros Oriental	Protected Landscape & Seascape	Marine	Proc. 438 s. 1994		691.16	
	Olango Island Wildlife Sanctuary*	Sta. Rosa, Danganan, Lapu-Lapu, Cebu	Wildlife Sanctuary	Terrestrial and Marine	Proc. 903 s. 1992		1,030.56	
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	Natural Park	Terrestrial	Proc. 442 s. 2003		458,480.06	
	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	Protected Landscape & Seascape	Marine	Proc. 291 s. 2000		32,284.14	
	Cuatro Islas Protected Landscape/Seascape	Inopacan, Hindang, and neighboring Islands of Digyo, Apid Mahaba and Himukilan, Leyte	Protected Landscape & Seascape	Marine	Proc. 270 s. 2000		11,407.46	
	Mahagnao Volcano Natural Park	Burauen and La Paz, Leyte	Natural Park	Terrestrial	Proc. 1157 s. 1998		340.82	
	Lake Danao Natural Park	Ormoc, Leyte	Natural Park	Terrestrial	Proc. 1151 s. 1998		2,244.11	
	Calbayog-Pan-As Hayiban Protected Landscape	Calbayog Samar	Protected Landscape	Terrestrial	Proc. 1158 s. 1998		5,067.93	
	Guiuan Protected Landscape/Seascape	Guiuan and neighboring Island of Manicani, Candulo, Suluan, Tubabao, Calicoan and Homonhon, Eastern Samar	Protected Landscape & Seascape	Marine	Proc. 469 s. 1994		66,725.26	
	Palompon Watershed Forest Reserve*	Palompon, Villaba, Leyte	Watershed Forest Reserve	Terrestrial	Proc. 212 s. 1988		5,631.04	
	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	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		2,737.60	
	Mac. Arthur Landing National Park (Imelda Park)*	Palo, Leyte	National Park	Terrestrial	LOI 572 s. 1977		6.78	For dis-establishment
	Kuapnit Balinsasayao National Park*	Baybay and Abuyog, Leyte	National Park	Terrestrial	Proc. 142 s. 1937		376.84	For dis-establishment
IX - Zamboanga Peninsula						**13**		
	Mount Timolan Protected Landscape	San Miguel, Guipos and Tigbao, Zamboanga del Sur	Protected Landscape	Terrestrial	Proc. 354 s. 2000		2,244.54	

Continued

Table 1.14 *(Continued)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
	Basilan Natural Biotic Area	Lamitan, Sumisip, Tipotipo and Isabela, Basilan	Natural Biotic Area	Terrestrial	Proc. 321 s. 2000		6,602.92	
	Jose Rizal Memorial Protected Landscape	Dapitan City, Zamboanga del Norte	Protected Landscape	Terrestrial	Proc. 279 s. 2000		578.49	
	Great and Little Sta. Cruz Islands Protected Landscape and Seascape	Zamboanga City, Zamboanga del Sur	Protected Landscape & Seascape	Marine	Proc. 271 s. 2000		3,318.33	
	Selinog Island Protected Landscape and Seascape	Dapitan City, Zamboanga del Norte	Protected Landscape & Seascape	Marine	Proc. 276 s. 2000		2,248.69	
	Murcielagos Island Protected Landscape and Seascape	Labason, Zamboanga del Norte	Protected Landscape & Seascape	Marine	Proc. 281 s. 2000		251.39	
	Turtle Islands Wildlife Sanctuary	Municipalities of Turtle Islands, Tawi-tawi	Wildlife Sanctuary	Marine	Proc. 171 s. 1999		242,958.28	
	Dumanquilas Protected Landscape/Seascape	Malangas, Buug, Kumalarang,Lapuyan, Margosatubig and Vencenso Sagun, Zambo del Sur	Protected Landscape & Seascape	Marine	Proc. 158 s. 1999		30,549.74	
	Pasonanca Natural Park	Zamboanga City	Natural Park	Terrestrial	Proc. 132 s. 1999		17,493.40	
	Aliguay Island Protected Landscape/Seascape	Dapitan City, Zamboanga del Norte	Protected Landscape & Seascape	Marine	Proc. 106 s. 1999		2,378.99	
	Siocon Resource Reserve	Siocon, Zamboanga del Norte	Resource Reserve	Terrestrial	Proc. 84 s. 1999		1,309.14	
	Buug Natural Biotic Area	Buug, Zamboanga del Sur	Natural Biotic Area	Terrestrial	Proc. 63 s. 1998		1,715.16	
	Mangrove areas from the municipality of Tagalisay to the mouth of Tigbao River including east of Vitali Island*	Sibugay Bay, Zamboanga del Sur	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		294.08	
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	Natural Park	Terrestrial	RA 9304 s. 2004		52,423.51	
	Mt. Kitanglad Range Natural Park	Talakag, Baungon, Libona, Manolo Fortich, Sumilao, Impasug-ong, Malaybalay and Lantapan, Bukidnon	Natural Park	Terrestrial	RA 8978 s. 2000		47,234.20	
	Mimbilisan Protected Landscape	Talisayan and Balingoan, Misamis Oriental	Protected Landscape	Terrestrial	RA 9494 s. 2007		106.83	
	Mt. Inayawan Range Natural Park	Nunungan, Lanao del Norte	Natural Park	Terrestrial	Proc. 1344 s. 2007		5,316.99	
	Mt. Balatukan Range Natural Park	Claveria, Balingasag, Medina and Gingoog City, Misamis Oriental	Natural Park	Terrestrial	Proc. 1249 s. 2007		11,034.37	
	Timpoong and Hibok-hibok Natural Monument	Mambajao, Mahinog, Sagay and Catarman, Camiguin	Natural Monument	Terrestrial	Proc. 570 s. 2004		3,755.61	
	Initao-Libertad Protected Landscape & Seascape	Initao and Libertad, Misamis Oriental	Protected Landscape and Seascape	Marine	Proc. 260 s. 2002		361.85	
	Baliangao Protected Landscape/ Seascape	Baliangao, Misamis Occidental	Protected Landscape & Seascape	Marine	Proc. 418 s. 2000		315.50	
	Mt. Kalatungan Range Natural Park	Talakag, Valencia, Maramag and Pangantucan, Bukidnon	Natural Park	Terrestrial	Proc. 305 s. 2000		35,955.98	
	Mangrove areas from Liangan River up to Lipatan River of the Municipality of Lapayan*	Lanao del Norte	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		191.16	
	Bo. Bagumbang to Malautan River*	Ozamis City, Misamis Occidental	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		543.20	
	Mahugunao Watershed Forest Reserve*	Cagayan, Misamis Oriental	Watershed Forest Reserve	Terrestrial	Proc. 470 s. 1932		147.24	For dis-establishment

Continued

Table 1.14 *(Continued)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
XI - Davao Region						**10**		
	Mt. Apo Natural Park	Kidapawan City, Makilala Magpet, Cotabato; Sta. Cruz, Bansalan, Digos City, Davao del Sur and Davao City	Natural Park	Terrestrial	RA 9237 s. 2004		64111.47431	
	Aliwagwag Protected Landscape	Boston and Cateel, Davao Oriental Compostela, Compostela Valley	Protected Landscape	Terrestrial	Proc. 139 s. 2011		11,448.20	
	Mati Protected Landscape	Mati, Davao Oriental	Protected Landscape	Terrestrial	Proc. 912 s. 2005		1,067.35	
	Mt. Hamiguitan Range Wildlife Sanctuary	Mati, San Isidro and Governor Generoso, Davao Oriental	Wildlife Sanctuary	Terrestrial	RA 9303 s. 2004		7,137.40	
	Mainit Hotspring Protected Landscape	Nabunturan, Compostela Valley	Protected Landscape	Terrestrial	Proc. 320 s. 2000		1,855.77	
	Mabini Protected Landscape and Seascape	Mabini, Compostela Valley; Davao Gulf, Davao del Sur	Protected Landscape & Seascape	Marine	Proc. 316 s. 2000		7,292.62	
	Baganga Protected Landscape	Baganga, Davao Oriental	Protected Landscape	Terrestrial	Proc. 269 s. 2000		114.87	
	Pujada Bay Protected Landscape/ Seascape	Mati, Davao Oriental	Protected Landscape & Seascape	Marine	Proc. 431 s. 1994		20,873.43	
	Mangrove areas from Baculin Point to lakud Point- Mangrove areas from Tanuip Point in Banao to Kinablangan Island* and Island of Samal*	Davao	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		1,849.03	
	Malagos Watershed Reservation*	Guianga, Davao City	Watershed Reservation	Terrestrial	Proc. 612 s. 1933		235.34	For dis-establishment
XII - SOCCSKSARGEN						**6**		
	Sarangani Bay Protected Seascape	Maitum, Kiamba, Maasim, Sarangani	Protected Seascape	Marine	Proc. 756 s. 1996		210,140.54	
	Mt. Matutum Protected Landscape	Tupi, Tampakan, Palomolok, South Cotabato and Malungon, Sarangani	Protected Landscape	Terrestrial	Proc. 552 s. 1995		13,947.00	
	Libungan Watershed Forest Reserve*	Libungan and Alamada, North Cotabato	Watershed Forest Reserve	Terrestrial	Proc. 563 s. 1990		52,820.56	For dis-establishment
	Allah Valley Watershed Forest Reserve*	Isulan, Banga, Surallah, Sultan Kudarat; Kiamba, South Cotabato	Watershed Forest Reserve	Terrestrial	Proc. 2455 s. 1985		98,533.65	For dis-establishment
	Mado Hotspring National Park*	Awang, Cotabato	National Park	Terrestrial	Proc. 456 s. 1939		48.73	
	Lake Buluan Game Refuge and Bird Sanctuary*	Koronadal, Buluan, Kidapawan, North Cotabato	Game Refuge and Bird	Terrestrial	Proc. 56 s. 1926		8,367.36	
XIII - Caraga						**11**		
	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	Watershed Forest Reserve	Terrestrial	Proc. 1747 s. 2009		43,345.66	
	Agusan Marsh Wildlife Sanctuary	San Francisco, Rosario, Bunawan, Veruela Loreto and Lapaz, Agusan del Sur	Wildlife Sanctuary	Terrestrial	Proc. 913 s. 1996		40,938.27	
	Siargao Protected Landscape/Seascape	Siargao, Surigao del Norte	Protected Landscape & Seascape	Marine	Proc. 902 s. 1996		283,974.76	
	Cabadbaran Watershed*	Cabadbaran, Agusan del Norte	Wilderness Area	Terrestrial	Proc. 834 s. 1991		15,180.33	
	Andanan River Watershed Forest Reserve*	Sibagat and Bayugan, Agusan del Sur	Watershed Forest Reserve	Terrestrial	Proc. 734 s. 1991		17,185.63	
	Surigao Watershed Forest Reserve*	Sison, Malinao, San Francisco, Surigao del Norte	Watershed Forest Reserve	Terrestrial	Proc. 635 s. 19 90		951.93	
	Islands of Lamagon, Cepaya and Cobeto*	Panag Bay, Surigao del Norte	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		586.71	
	Island of Rasa*	Hinatuan Passage, Surigao del Norte	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		293.03	
	Island of Awasan, Cabilan, Capaquian, Sugbuhan and	Awasan Bau, Surigao del Norte	Wilderness Area	Terrestrial	Proc. 2151 s. 1981		4,671.57	
	Island of Dinagat, Hikdop, Sibate, Hanigad*	Surigao Strait, Surigao del Norte	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		1,898.02	

Continued

Table 1.14 *(Concluded)*
LIST AND STATUS OF PROTECTED AREAS BY REGION
As of 2017

Region	Name of Reserve	Location	Type	Ecosystem	Legal Basis	Total	Area (in hecatres)	Remarks
	Mangrove areas along the municipalities of Lavigan and Valencia up to Taon River of the municipality of	Surigao del Sur	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		1,310.62	
ARMM						**10**		
	Lake Lanao Watershed Reservation*	Lanao del Sur	Watershed Reservation	Terrestrial	Proc. 871 s. 1992		171,292.80	
	South Upi Watershed Forest Reserve*	South Upi, Maguindanao	Watershed Forest Reserve	Terrestrial	Proc. 65 s. 1987		1,738.62	
	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	Mangrove Swamp Forest Reserve	Terrestrial	Proc. 2152 s. 1981		8,989.55	
	Lake Butig National	Butig, Lanao del Sur	National Park	Terrestrial	RA 4190 s. 1965		35.32	
	Lake Dapao National Park*	Pualas, Lanao del Sur	National Park	Terrestrial	RA 4190 s. 1965		998.13	
	Pantuwaraya Lake National Park*	Saguiran, Lanao del Sur	National Park	Terrestrial	RA 4190 s. 1965		19.12	
	Rungkunan National Park*	Ramain, Lanao del Sur	National Park	Terrestrial	RA 4190 s. 1965		946.46	
	Salikata National Park*	Lumba Bayambao, Lanao del Sur	National Park	Terrestrial	RA 4190 s. 1965		659.64	
	Sacred Mountain National Park*	Maraui City	National Park	Terrestrial	RA 4190 s. 1965		89.61	
	Mt. Dajo National Park*	Patikul and Talisay, Sulu	National Park	Terrestrial	Proc. 261 s. 1938		269.69	

Note: * Initial Component
Source: Biodiversity Management Bureau, DENR

Table 1.15
FOREST COVER OF THE PHILIPPINES BY FOREST TYPE
2010 and 2015
(in hectares)

Region/Province	2010				2015			
	Total	Closed	Open	Mangrove	Total	Closed	Open	Mangrove
PHILIPPINES	**6,839,831.6**	**1,934,047.6**	**4,595,190.9**	**310,593.1**	**7,014,153.8**	**2,028,015.2**	**4,682,751.2**	**303,387.5**
NCR	**2,119.8**	**0.0**	**2,008.0**	**111.8**	**2,106.2**	**0.0**	**2,000.4**	**105.8**
CAR	**777,972.4**	**255,551.6**	**522,420.8**	**0.0**	**807,219.6**	**250,545.0**	**556,674.6**	**0.0**
Abra	146,700.3	43,315.9	103,384.4	0.0	162,930.8	44,797.6	118,133.1	0.0
Apayao	223,121.5	118,982.0	104,139.5	0.0	236,353.5	102,083.7	134,269.8	0.0
Benguet	119,625.6	3,195.8	116,429.8	0.0	109,469.7	3,084.3	106,385.4	0.0
Ifugao	102,397.0	13,691.8	88,705.2	0.0	90,578.2	19,045.2	71,533.0	0.0
Kalinga	98,862.4	48,887.9	49,974.5	0.0	113,879.7	53,225.3	60,654.4	0.0
Mountain Province	87,265.7	27,478.3	59,787.4	0.0	94,007.6	28,308.7	65,698.9	0.0
I - Ilocos Region	**124,703.1**	**18,389.8**	**105,285.7**	**1,027.7**	**147,602.4**	**24,163.0**	**122,061.2**	**1,378.2**
Ilocos Norte	67,849.1	14,266.0	53,583.1	0.0	76,053.1	19,824.8	56,191.9	36.4
Ilocos Sur	32,238.3	77.6	31,949.4	211.3	37,006.5	26.6	36,930.7	49.2
La Union	5,879.8	0.0	5,760.1	119.7	7,922.5	0.0	7,770.6	151.9
Pangasinan	18,735.9	4,046.2	13,993.1	696.7	26,620.3	4,311.6	21,168.0	1,140.7
II - Cagayan Valley	**1,044,871.9**	**485,261.7**	**553,708.2**	**5,902.1**	**1,050,963.4**	**488,033.2**	**557,187.7**	**5,742.6**
Batanes	1,818.8	0.0	1,818.8	0.0	2,484.5	0.0	2,484.5	0.0
Cagayan	342,994.4	206,474.5	131,340.7	5,179.2	348,477.7	207,229.0	136,165.4	5,083.3
Isabela	378,636.9	69,443.9	308,470.1	722.9	391,256.2	90,076.2	300,520.8	659.3
Nueva Vizcaya	193,707.5	122,614.6	71,092.9	0.0	182,229.9	98,228.6	84,001.3	0.0
Quirino	127,714.3	86,728.6	40,985.7	0.0	126,515.0	92,499.4	34,015.7	0.0
III - Central Luzon	**520,704.2**	**225,351.8**	**294,331.1**	**1,021.3**	**536,565.0**	**234,839.2**	**299,826.3**	**1,899.5**
Aurora	218,588.1	132,548.2	85,518.5	521.4	220,295.0	126,883.3	92,933.0	478.7
Bataan	31,617.1	10,618.0	20,791.4	207.7	34,461.2	10,793.0	23,325.7	342.5
Bulacan	58,719.7	35,266.3	23,386.7	66.7	63,188.7	41,653.6	21,098.9	436.2
Nueva Ecija	74,604.4	9,530.3	65,074.1	0.0	76,011.6	14,108.7	61,902.8	0.0
Pampanga	7,464.7	773.1	6,606.6	85.0	7,254.8	649.2	6,516.3	89.3
Tarlac	34,841.7	5,407.0	29,434.7	0.0	32,777.2	6,298.5	26,478.8	0.0
Zambales	94,868.5	31,208.9	63,519.1	140.5	102,576.5	34,452.9	67,570.8	552.8
IVA - CALABARZON	**264,260.5**	**69,558.9**	**175,764.4**	**18,937.2**	**271,512.5**	**107,044.3**	**145,165.1**	**19,303.1**
Batangas	4,256.0	333.6	3,509.5	412.9	9,249.2	134.2	8,434.7	680.3
Cavite	2,539.8	0.0	2,389.4	150.4	4,061.4	0.0	3,886.8	174.6
Laguna	14,604.9	1,233.6	13,371.3	0.0	13,288.4	3,270.7	10,017.6	0.0
Quezon	226,193.2	63,853.0	143,966.3	18,373.9	228,024.4	96,416.8	113,159.4	18,448.2
Rizal	16,666.6	4,138.7	12,528.0	0.0	16,889.1	7,222.6	9,666.5	0.0
MIMAROPA	**917,391.7**	**97,809.6**	**746,286.0**	**73,296.0**	**947,768.9**	**110,161.1**	**769,203.6**	**68,404.2**
Marinduque	15,131.9	0.0	12,255.1	2,876.8	13,904.4	0.0	10,892.7	3,011.7
Occidental Mindoro	104,986.3	1,968.2	101,424.3	1,593.8	118,425.6	8,936.9	107,663.5	1,825.3
Oriental Mindoro	87,066.1	5,301.0	77,815.6	3,949.5	97,227.3	5,906.3	88,232.9	3,088.1
Palawan	693,930.7	86,876.9	543,261.6	63,792.3	694,459.0	91,541.3	543,496.5	59,421.2
Romblon	16,276.6	3,663.6	11,529.4	1,083.6	23,752.6	3,776.6	18,918.0	1,058.0
V - Bicol Region	**202,444.5**	**39,645.8**	**137,825.9**	**24,972.9**	**199,378.7**	**41,148.6**	**133,825.6**	**24,404.5**
Albay	35,416.5	11,196.3	23,128.3	1,091.9	30,795.4	9,143.9	20,326.1	1,325.4
Camarines Norte	28,104.0	9,465.8	15,079.2	3,559.1	28,877.4	9,606.9	14,674.7	4,595.9
Camarines Sur	61,332.0	8,220.6	45,847.4	7,264.0	62,818.2	11,556.0	43,913.4	7,348.8
Catanduanes	45,007.2	10,763.1	32,248.9	1,995.2	46,445.0	7,733.2	36,897.2	1,814.7
Masbate	6,777.7	0.0	139.8	6,637.9	5,529.0	0.0	91.9	5,437.1
Sorsogon	25,807.0	0.0	21,382.3	4,424.8	24,913.7	3,108.7	17,922.3	3,882.6
VI - Western Visayas	**187,319.4**	**67,167.4**	**110,146.2**	**10,005.9**	**203,789.3**	**62,024.6**	**127,365.1**	**14,399.6**
Aklan	36,398.5	12,598.5	23,098.1	701.8	37,989.6	9,849.4	26,556.3	1,583.9
Antique	52,395.2	20,380.5	31,222.6	792.1	61,535.1	20,418.9	40,210.9	905.3
Capiz	22,991.8	14,727.9	6,864.8	1,399.0	27,610.7	11,689.9	12,552.2	3,368.6
Guimaras	775.9	0.0	0.0	775.9	817.3	0.0	0.0	817.3
Iloilo	25,667.5	2,954.5	21,397.3	1,315.7	23,163.5	1,385.4	19,550.3	2,227.7
Negros Occidental	49,090.6	16,506.0	27,563.3	5,021.3	52,673.2	18,681.0	28,495.5	5,496.7

Continued

Table 1.15 *(Continued)*
FOREST COVER OF THE PHILIPPINES BY FOREST TYPE
2010 and 2015
(in hectares)

Region/Province	2010				2015			
	Total	Closed	Open	Mangrove	Total	Closed	Open	Mangrove
VII - Central Visayas	**62,033.4**	**11,463.5**	**35,797.7**	**14,772.2**	**79,487.1**	**4,226.1**	**56,223.8**	**19,037.2**
Bohol	20,857.2	0.0	10,267.0	10,590.2	32,826.1	0.0	19,884.0	12,942.1
Cebu	14,407.0	8,722.5	2,650.2	3,034.3	8,013.3	0.0	3,560.2	4,453.1
Negros Oriental	25,866.6	2,741.0	22,074.2	1,051.3	37,707.8	4,226.1	31,971.7	1,510.0
Siquijor	902.6	0.0	806.3	96.4	939.9	0.0	807.9	132.0
VIII - Eastern Visayas	**514,819.7**	**45,947.5**	**427,179.4**	**41,692.8**	**511,961.8**	**42,667.3**	**435,242.9**	**34,051.6**
Biliran	8,668.7	0.0	8,383.0	285.7	9,448.3	0.0	9,048.9	399.4
Eastern Samar	186,200.7	21,827.7	156,538.7	7,834.3	182,738.7	20,432.9	154,245.9	8,059.8
Leyte	78,220.7	17,169.5	52,772.6	8,278.6	74,921.5	14,179.2	54,394.2	6,348.2
Northern Samar	46,320.3	0.0	35,494.3	10,826.0	48,510.7	0.0	39,372.2	9,138.5
Southern Leyte	29,629.6	3,201.9	25,839.1	588.6	29,996.9	4,257.1	25,302.3	437.5
Western Samar	165,779.6	3,748.3	148,151.7	13,879.6	166,345.7	3,798.1	152,879.5	9,668.2
IX - Zamboanga Peninsula	**174,391.4**	**27,643.2**	**121,058.1**	**25,690.1**	**170,970.3**	**28,775.2**	**116,920.0**	**25,275.2**
Zamboanga Del Norte	82,756.9	9,031.7	73,133.5	591.7	82,251.9	8,882.3	72,370.2	999.4
Zamboanga Del Sur	19,308.5	794.5	12,409.2	6,104.8	47,061.7	16,131.7	18,810.8	12,119.2
Zamboanga Sibugay[1/]	72,326.0	17,817.0	35,515.4	18,993.6	39,322.9	2,669.5	25,249.7	11,403.7
Isabela City		*included in Basilan*			2,333.9	1,091.7	489.2	752.9
X - Northern Mindanao	**378,649.5**	**173,962.1**	**198,308.6**	**6,378.9**	**382,356.7**	**179,007.5**	**198,132.1**	**5,217.2**
Bukidnon	202,322.3	125,360.8	76,961.5	0.0	202,448.5	126,626.3	75,822.2	0.0
Camiguin	5,718.0	3,993.8	1,705.1	19.0	5,530.4	3,485.6	2,025.8	18.9
Lanao Del Norte	67,175.7	11,934.1	52,913.3	2,328.2	73,278.2	15,128.8	55,710.8	2,438.6
Misamis Occidental	43,743.7	23,858.9	16,145.9	3,739.0	40,471.8	23,273.7	14,725.5	2,472.5
Misamis Oriental	59,689.8	8,814.4	50,582.8	292.6	60,627.7	10,493.0	49,847.7	287.1
XI - Davao Region	**428,917.8**	**160,083.4**	**265,955.5**	**2,878.9**	**400,613.3**	**151,822.0**	**245,290.0**	**3,501.3**
Compostela Valley	144,811.4	54,106.1	90,496.4	208.9	123,524.8	50,886.4	72,467.5	170.8
Davao Del Norte	53,188.6	10,148.8	42,370.0	669.9	53,635.6	11,421.7	41,650.8	563.1
Davao Del Sur	68,593.0	17,570.2	50,890.9	131.9	32,501.8	6,037.3	26,243.5	221.0
Davao Occidental					34,455.3	14,518.4	19,709.8	227.1
Davao Oriental	162,324.8	78,258.3	82,198.3	1,868.3	156,495.8	68,958.2	85,218.4	2,319.3
XII - SOCCSKSARGEN	**249,049.8**	**54,247.2**	**193,201.7**	**1,600.9**	**277,890.7**	**93,152.7**	**182,889.1**	**1,848.9**
North Cotabato[2/]	39,947.5	7,896.2	31,381.5	669.8	46,156.6	18,417.5	27,080.8	658.3
Sarangani	39,960.0	1,775.7	38,037.2	147.1	53,825.5	14,995.1	38,588.3	242.1
South Cotabato	64,327.6	26,464.8	37,838.5	24.3	74,942.9	37,978.0	36,932.6	32.2
Sultan Kudarat	104,814.7	18,110.5	85,944.5	759.7	102,965.7	21,762.1	80,287.4	916.3
XIII - Caraga Region	**684,156.8**	**99,811.7**	**558,447.3**	**25,897.8**	**724,772.4**	**125,937.0**	**571,785.6**	**27,049.7**
Agusan Del Norte	51,926.6	2,217.5	48,477.7	1,231.5	73,580.5	3,469.0	68,889.5	1,222.0
Agusan Del Sur	342,736.4	57,207.7	285,528.7	0.0	356,655.5	47,452.9	309,202.6	0.0
Dinagat Islands	27,419.0	5,640.9	19,417.6	2,360.5	29,378.0	6,373.2	20,774.8	2,230.0
Surigao Del Norte	35,270.0	7,139.4	14,896.2	13,234.4	36,222.1	7,931.5	14,377.2	13,913.5
Surigao Del Sur	226,804.8	27,606.3	190,127.0	9,071.5	228,936.2	60,710.5	158,541.5	9,684.3
ARMM	**306,025.6**	**102,152.6**	**147,466.4**	**56,406.6**	**299,195.4**	**84,468.3**	**162,958.1**	**51,769.2**
Basilan	24,416.4	13,705.3	1,003.4	9,707.7	21,050.8	9,754.1	2,340.8	8,955.9
Lanao Del Sur	150,887.9	80,245.0	70,178.8	464.1	153,390.0	63,269.7	89,658.8	461.4
Maguindanao	52,350.5	8,202.4	43,087.3	1,060.8	54,137.8	11,444.5	41,184.0	1,509.2
Sulu	30,839.4	0.0	756.7	30,082.8	28,767.0	0.0	2,209.0	26,558.0
Tawi-Tawi	47,531.4	0.0	32,440.2	15,091.2	41,850.1	0.0	27,565.4	14,284.7

Notes:

[1/] Including Zamboanga City

[2/] Including Cotabato City

Details may not add up to total due to rounding.

Source: National Mapping and Resource Information Authority

Table 1.16
FOREST DISTRUBANCE BY CAUSE
2008 to 2015

Cause	2008				2009			
	Extent of Damage (ha)			Estimated Value (Peso)	Extent of Damage (ha)			Estimated Value (Peso)
	Total	Natural	Plantation		Total	Natural	Plantation	
Fire	76.6	50.0	26.6	75,472.6	1,200.3	574.0	626.3	2,760,648.0
Incendiarism	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hunting (throwing cigarette butts)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Forestfire/Grassfire/Fire	76.6	50.0	26.6	75,472.6	1,200.3	574.0	626.3	2,760,648.0
Kaingin/Illegal Entry	105.5	38.0	67.5	2,150,000.0	0.0	0.0	0.0	0.0
Illegal Cutting	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Others/Unknown	366.8	248.7	118.1	590,958.0	0.0	0.0	0.0	0.0
TOTAL	**548.8**	**336.7**	**212.1**	**2,816,430.6**	**1,200.3**	**574.0**	**626.3**	**2,760,648.0**

Continued

Table 1.16 *(Continued)*
FOREST DISTRUBANCE BY CAUSE
2008 to 2015

Cause	2010				2011			
	Extent of Damage (ha)			Estimated Value (Peso)	Extent of Damage (ha)			Estimated Value (Peso)
	Total	Natural	Plantation		Total	Natural	Plantation	
Fire	1,561.0	…	1,561.0	12,458,491.0	…	…	…	…
Incendiarism	…	…	…	…	…	…	…	…
Hunting (throwing cigarette butts)	…	…	…	…	…	…	…	…
Forestfire/Grassfire/Fire	…	…	…	…	…	…	…	…
Kaingin/Illegal Entry	…	…	…	…	…	…	…	…
Illegal Cutting	…	…	…	…	…	…	…	…
Others/Unknown	…	…	…	…	…	…	…	…
TOTAL	**1,561.0**		**1,561.0**	**12,458,491.0**				

Continued

Table 1.16 *(Continued)*
FOREST DISTRUBANCE BY CAUSE
2008 to 2015

Cause	2012				2013			
	Extent of Damage (ha)			Estimated Value (Peso)	Extent of Damage (ha)			Estimated Value (Peso)
	Total	Natural	Plantation		Total	Natural	Plantation	
Fire	5,822.0	46.0	5,776.0	75,650,971.0	1,015.7	…	1,015.7	4,915,940.5
Incendiarism	…	…	…	…	…	…	…	…
Hunting (throwing cigarette butts)	…	…	…	…	…	…	…	…
Forestfire/Grassfire/Fire	…	…	…	…	…	…	…	…
Kaingin/Illegal Entry	…	…	…	…	…	…	…	…
Illegal Cutting	…	…	…	…	…	…	…	…
Others/Unknown	…	…	…	…	…	…	…	…
TOTAL	**5,822.0**	**46.0**	**5,776.0**	**75,650,971.0**	**1,015.7**	**…**	**1,015.7**	**4,915,940.5**

Continued

Table 1.16 *(Continued)*
FOREST DISTRUBANCE BY CAUSE
2008 to 2015

Cause	2014			
	Extent of Damage (ha)			Estimated Value (Peso)
	Total	Natural	Plantation	
Fire	794.7	…	794.7	512,000.0
Incendiarism	…	…	…	…
Hunting (throwing cigarette butts)	…	…	…	…
Forestfire/Grassfire/Fire	…	…	…	…
Kaingin/Illegal Entry	…	…	…	…
Illegal Cutting	…	…	…	…
Others/Unknown	…	…	…	…
TOTAL	**794.7**	**…**	**794.7**	**512,000.0**

Continued

Table 1.16 *(Concluded)*
FOREST DISTRUBANCE BY CAUSE
2008 to 2015

Cause	2015				Estimated Value (Peso)
	Extent of Damage (ha)				
	Total	Natural	Grassland	Plantation	
Hunting (Honey collection)	801.9	20.1	83.3	698.5	5,701,540.8
Smoking	220.3	2.9	0.0	217.5	1,883,042.9
Incendiarism	1,371.9	34.9	0.0	1,336.9	12,809,732.7
Kaingin/Slash-and-Burn/Illegal E	1,727.3	135.8	0.0	1,591.5	16,633,423.6
Forest Fire/Grass Fire/Wildfire	2,518.0	0.0	0.0	2,518.0	25,266,236.1
Long Dry Spell	1,356.1	0.0	0.0	1,356.1	15,462,803.0
Unknown	7,269.9	1,378.9	0.0	5,891.0	31,737,832.9
Others (torch, children, pasture, outdoor cooking)	436.6	5.5	0.0	431.1	2,292,352.3
TOTAL	**15,702.0**	**1,578.1**	**83.3**	**14,040.6**	**111,786,964.3**

Source: Compendium of ENR Statistics 2015, DENR
Retrieved from: https://oldsite.denr.gov.ph/e-library/compendium-enr-statistic-2015.html

Table 1.17
CONCENTRATION LEVELS OF PARTICULATE MATTER 10 (PM10)
BY REGION, BY MONITORING STATION
2012 to 2017
(micrograms per normal cubic meter)

Region	Station	2012	2013	2014	2015	2016	2017
NCR							
	National Printing Office Cmpd. EDSA Diliman, Quezon City	61	73	89	67	69	70
	Marikina Sports Complex Cmpd.Sumulong Highway Brgy. Sto Nino, Marikina City	67	62	47	61	63	52
	DOH Cmpd. Rizal Avenue Sta Cruz, Manila	51	69	…	60	59	62
	MMDA Building Cmpd. Orense St. cor. EDSA Guadalupe, Makati City	54	67	52	42	40	36
	Pasay Rotonda Station EDSA cor. Taft Avenue Malibay, Pasay City**	110	105	...	...	...	...
	Caloocan **	151	150	...	...	...	...
	National Bilibid Prison, Muntinlupa	...	25	36	25	24	24
	De La Salle University, Taft, Manila	...	29	27	31	31*	...
	Commonwealth Ave., Quezon City **	...	...	57	...	...	...
	DPWH, Timog EDSA, Quezon City	...	44*	66	46	51*	...
	Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	...	...	33	58*	44	40*
	ATENEO Manila Observatory, Ateneo	38	50	...	...	...	...
	Valenzuela - Radio ng Bayan**	63	74	53	...	...	...
	NAMRIA, Taguig City**	43	54	...	...	...	...
	Andrews Avenue, Pasay City	...	...	...	78*	...	66*
	Navotas City Hall, M. Naval St. Navotas City	...	...	...	72	66	94
	Rohm and Hass Property, Las Piñas City	...	...	...	35	27	41
	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	33	*
	Makati Park, Dr. Jose P. Rizal Extension, East Rembo, Makati City **	...	...	...	52	...	...
	Pateros Elementary School, Pateros City	...	...	...	52	*	66
	Pinaglabanan Shrine, San Juan City	...	...	...	18*	48	46
	Bureau of Corrections, New Bilibid Prison Reservation, Muntinlupa City	...	...	...	31	24	*
	Technological University of the Philippines-Taguig Campus, Taguig City**	...	...	...	66	45	*
	Hardin ng Pagasa, Mandaluyong City Hall, Plainview, Mandaluyong City	...	...	...	63*	...	49
	Brgy. Oranbo, Pasig	...	...	...	69*	50	42
	Parking Area of Marikina Justice Hall, Marikina City	...	...	...	56	55	51

Continued

Table 1.17 *(Continued)*
CONCENTRATION LEVELS OF PARTICULATE MATTER 10 (PM10)
BY REGION, BY MONITORING STATION
2012 to 2017
(micrograms per normal cubic meter)

Region	Station	2012	2013	2014	2015	2016	2017
CAR							
	Burnham park, Baguio City	...	...	...	35*	*	40
	Plaza Garden Park, Central Business District, Lower Session Road, Baguio City	72	69	...	...	...	79
I - Ilocos Region							
	City Plaza San Fernando City, La Union	...	...	81	73*	*	*
	City Plaza San Carlos City, Pangasinan	...	...	83	75*	72	46
	Dagupan City, Province of Pangasinan, Western Central Elementary School**	46	47	59	68	...	...
	Plaze Burgos, Ilocos Sur, Vigan City	...	...	...	...	...	51
	Urdaneta, Pangasinan	...	40	...	47+	17*	20
	Mariano Marcos State University, Batac, Ilocos Norte	...	...	...	24+	23*	24
	Vicinity of PNP Camp Florendo Brgy. Parian, San Fernando City, La Union	...	...	...	...	28	12
II - Cagayan Valley							
	St. Paul University Philippines, Mabini Street, Tuguegarao City**	...	...	29	...	...	...
III - Central Luzon							
	Meycauayan City Hall, Meycauayan, Bulacan	...	...	...	45	42	38*
	Heroes hall, San Fernando, City of San Fernando, Pampanga	...	...	...	29	10	*
	BJMP Comp., Calero St. Brgy, Ibayo, Balanga City, Bataan	...	...	...	...	8	36*
	Remy Field, SBMA, Zambales	...	...	...	...	7	*
IVA - CALABARZON							
	City of Biñan, San Pablo St., Biñan City, Laguna	...	...	...	22*	30	*
	Cavite State University, Indang Cavite**	...	32	...	...	...	...
	Brgy. Bolbok, Batangas City **	...	29	...	...	...	...
MIMAROPA							
	Municipal Hall, Municipality of Baco, Oriental Mindoro	41	...	...	60*	...	*
	Palawan State University, Tiniguiban Heights, Puerto Princesa, Palawan	...	...	...	26	20	22*
V - Bicol Region							
	EMB Region 5 Office, Regional Center Office, Rawis, Legaspi City	...	...	...	*	21	26
	Barraida, Legaspi City	...	32	39	38	36	39
	Naga City PENRO, Naga City	...	...	...	29	25	26
VI - Western Visayas							
	University of San Augustin Campus, Iloilo City	...	...	...	43*	28*	7

Continued

Table 1.17 *(Continued)*
CONCENTRATION LEVELS OF PARTICULATE MATTER 10 (PM10)
BY REGION, BY MONITORING STATION
2012 to 2017
(micrograms per normal cubic meter)

Region	Station	2012	2013	2014	2015	2016	2017
	Leganes Municipal Grounds, Poblacion, leganes, Iloilo City **	...	...	...	51	...	...
	Oton National Elementary School, Oton, Iloilo City	...	...	...	...	38	57
	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	50	...
	Cebu Business Park, Cebu City**	36	33	20	34	26	...
	Consolacion Municipal Hall, Consolacion, Cebu	...	...	...	...	...	49
	Cordova Municipal Hall, Cordova, Cebu	...	...	...	...	...	41
VIII - Eastern Visayas							
	Robinsons Place, Tacloban	...	...	...	64^{+}	61	54
IX - Zamboanga Peninsula							
	Zamboanga City Medical Center. Compound, Dr. Evangelista Street Corners Veterans Ave., & Gov. Lim Ave., Zamboanga City	...	52	52	32	57	59
	EMB-9 Compound, Lantawan, Pasonanca, Zamboanga City	...	34	41	45	39	38
	Philippine International Development Incorporated (PHIDCO), Baliwasan Seaside Zamboanga City Zamboanga del Sur	...	44	52	60	51	71
	Western Mindanao State University, Normal Road, Zamboanga City	...	...	...	11*	12	10
	Ateneo De Zamboanga University, La Purisima Street, Zamboanga City	...	...	...	20	17	5
X - Northern Mindanao							
	Iligan Medical Center College, Palao, Iligan City	...	...	...	49	50	*
XI - Davao Region							
	Approx. 70m from Amparo St. And 300m from Davao-Agusan National Highway	...	19	16*	35*	...	49
	Brgy. 12-B, Mapa St. Corner J.P Laurel Ave., Davao City (Fronting Brgy. Hall)	...	21	21*	45*	...	56
	Approx. 800m DMPI main gate, Davao Memorial Park Phase2, McArthur Highway, Matina, Davao City	...	14	15*	34	33	36

Continued

Table 1.17 *(Concluded)*
CONCENTRATION LEVELS OF PARTICULATE MATTER 10 (PM10)
BY REGION, BY MONITORING STATION
2012 to 2017
(micrograms per normal cubic meter)

Region	Station	2012	2013	2014	2015	2016	2017
	Approximately 50m from Agton St. Open Park infront of Toril District Hall, Agton St., Davao City	...	27	30*	57	57	57
	Calinan National High School, Quirino Avenue, Davao City	...	...	...	36	61*	57
	Davao International Airport, Catitipan, Buhangin District, Davao City	...	...	...	73+	54*	40
XII - SOCCSKSARGEN							
	City of Koronadal, General Santos Drive, Koronadal City	...	...	...	49	39	31
	Pedro Acharon Sports Complex, Brgy. Calumpang, General Santos City	...	...	...	35	38	19
	Municipal Hall, Tupi, South Cotabato	54	50	56	...	25	24
	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	...	...
	Cabadbaran City Hall, Cabadbaran City	...	...	...	...	...	22
	Petron Nasipit Depot, Nasipit Agusan Del Norte, Butuan City	...	...	...	55	17	17
	Caraga State University, Ampayon, Butuan City	...	...	...	37*	*	19
	Butuan City Local Government Unit (Compound of City Environment Office)	...	...	...	35	29	28

Notes:

* < 75% data captured

** Manual Monitoring Station

\+ Arithmetic Mean

National Ambient Air Quality Guideline Value (NAAQGV): Annual - 60 µg/Ncm

Source: Environment Management Bureau, DENR

Table 1.18
CONCENTRATION LEVELS OF PARTICULATE MATTER 2.5 (PM2.5)
BY REGION, BY MONITORING STATION
2015 to 2017
(micrograms per normal cubic meter)

Region	Station	2015	2016	2017
NCR				
	Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	27*	20	30
	DLSU, 2401 Taft Ave., Manila	17	29	29
	DPWH, Timog EDSA, Nia Road, Quezon City	26	46	67
	Andrews Avenue, Pasay City	31*	22	*
	Navotas City Hall, M. Naval St. Navotas City	43	45	46
	Rohm and Hass Property, Las Piñas City	29	19	*
	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	20	*
	Makati Park, Dr. Jose P. Rizal Extension, East Rembo, Makati City	26*	*	*
	Pateros Elementary School, Pateros City	32	*	*
	Pinaglabanan Shrine, San Juan City	7*	*	22
	Bureau of Corrections, New Bilibid Prison Reservation, Muntinlupa City	17	15	*
	Technological University of the Philippines-Taguig Campus, Taguig City	32*	*	*
	Hardin ng Pagasa, Mandaluyong City Hall, Plainview, Mandaluyong City	31*	*	*
	Brgy. Oranbo, Pasig	50*	34	24
	Parking Area of Marikina Justice Hall, Marikina City	33*	31	*
CAR				
	Burnham park, Baguio City	23*	...	...
I - Ilocos Region				
	Mariano Marcos State University, Batac, Ilocos Norte	17^{+}	16	21
	Urdaneta, Pangasinan	42*	2*	12
	Brgy., Parian, San Fernando City, La Union	...	12	8
	Dagupan City, Province of Pangasinan, western Central Elementary School	...	31	38*
III - Central Luzon				
	Meycauayan City Hall, Meycauayan, Bulacan	28	26*	...
	Heroes hall, San Fernando, City of San Fernando, Pampanga	24	6	*
	City Government of Balanga, Balangay City Hall, Poblacion, Balanga City, Bataan	...	5	22*
IVA - CALABARZON				
	City of Biñan, Biñan, Laguna	11	17	*
	(Near) City Hall of Santa Rosa, City Government Center, J.P. Rizal Blvd. Santa Rosa, Laguna	...	19*	30

Continued

Table 1.18 *(Concluded)*
CONCENTRATION LEVELS OF PARTICULATE MATTER 2.5 (PM2.5)
BY REGION, BY MONITORING STATION
2015 to 2017
(micrograms per normal cubic meter)

Region	Station	2015	2016	2017
MIMAROPA				
	Palawan State University, Tiniguiban Heights, Puerto Princesa, Palawan	14	*	*
V - Bicol Region				
	Naga City PENRO, Naga City	18	14	17
	EMB Region 5 Office, Regional Center Office, Rawis, Legaspi City	...	10	13
VI - Western Visayas				
	City Hall of Bacolod, New Government Center, Bacolod City	14	*	*
	University of San Augustin Campus, Iloilo City**	26*	...	5
IX - Zamboanga Peninsula				
	Western Mindanao State University, Normal Road, Zamboanga City	4*	10.6	10
	Ateneo De Zamboanga University, La Purisima Street, Zamboanga City	17	15	5
X - Northern Mindanao				
	Iligan Medical Center College, Palao, Iligan City	21	26*	21*
XI - Davao Region				
	Calinan National High School, Quirino Avenue, Davao City	21	26*	21*
	Davao International Airport, Catitipan, Buhangin District, Davao City	33+	32*	23
XII - SOCCSKSARGEN				
	City of Koronadal, General Santos Drive, Koronadal City	31	17	16
	Pedro Acharon Sports Complex, Brgy. Calumpang, General Santos City	17	19	18
XIII - Caraga				
	Caraga State University, Ampayon, Butuan City	20*	*	16
	Butuan City Local Government Unit (Compound of City Environment Office)	19	15	10

Notes:
* Less than 75% data captured
+ Arithmetic Mean
** Manual Monitoring Station
Source: Environment Management Bureau, DENR

Table 1.19
CONCENTRATION LEVELS OF OZONE (O_3) BY REGION, BY MONITORING STATION
2013 to 2017
(micrograms per normal cubic meter)

Station	2013	2014	2015	2016	2017
Commonwealth Ave., Quezon City**	29*	39*	...	...	...
DLSU, 2401 Taft Ave., Manila	77	52	96	92	...
DPWH, Timog EDSA, Nia Road, Quezon City	23*	40	12*	13	19
Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	38	98	39*	57	24
Barangay. Anonas, Urdaneta City, Pangasinan	...	...	...	24	25
Brgy., Parian, San Fernando City, La Union	...	...	...	50	42
Heroes Hall, San Fernando, City of San Fernando, Pampanga	...	...	...	...	94*
City Government of Balanga, Balangay City Hall, Poblacion, Balanga City, Bataan	...	...	...	55	50*
Subic Bay Metropolitain Authority Bldg., 229, Waterfront Road, Subic Free port zone	...	...	...	36	39
City of Biñan, Biñan, Laguna	...	...	...	21	...
City of Santa Rosa, 2nd Flr City Government Center, J.P. Rizal Blvd. Santa Rosa, Laguna	...	...	...	...	57
EMB Region 5 Office, Regional Center Office, Rawis, Legaspi City	...	...	...	...	34
Ateneo De Zamboanga University, La Purisima Street, Zamboanga City	...	...	...	25	6
Davao International Airport, Catitipan, Buhangin District, Davao City	...	...	...	85	...
Caraga State University, Ampayon, Butuan City	...	...	...	...	48

Notes:

* Less than 75% data captured

** No longer monitoring O3

Source: Environmental Management Bureau, DENR

Table 1.20
CONCENTRATION LEVELS OF CARBON MONOXIDE (CO) BY REGION, BY MONITORING STATION
2008 to 2017
(parts per million)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
De La Salle University	...	...	...	...	...	...	...	0.15*	0.23*	...
Department of Public Works and Highways	...	...	...	...	...	...	4*	0.93*	...	...
Pamantasan ng Lungsod ng Valenzuela	...	...	...	...	...	...	3	2.31*	0.62*	...
Plaza Garden, Lower Session, Baguio City**	5	8	...	...	...	...	...	...	...	...
Barangay. Anonas, Urdaneta City, Pangasinan	...	...	...	...	...	...	...	...	0.21	0.22
Brgy., Parian, San Fernando City, La Union	...	...	...	...	...	...	...	...	3	0.35
Heroes hall, San Fernando, City of San Fernando, Pampanga	...	...	...	...	...	...	...	...	...	0.04
City Government of Balanga, Balangay City Hall, Poblacion, Balanga City, Bataan	...	...	...	...	...	...	...	...	1.5	0.28*
Subic Bay Metropolitain Authority Bldg., 229, Waterfront Road, Subic Free port zone	...	...	...	...	...	...	...	...	0.9	0.62
City of Biñan, Biñan, Laguna	...	...	...	...	...	...	...	...	0.32	*
Cavite State University, Indang, Cavite	...	...	...	...	...	...	...	...	...	...
Antipolo City	...	...	...	...	...	...	...	...	...	...
City of Santa Rosa, 2nd Flr City Government Center, J.P. Rizal Blvd. Santa Rosa, Laguna	...	...	...	...	...	...	...	...	...	3.93
EMB Region 5 Office, Regional Center Office, Rawis, Legaspi City	...	...	...	...	...	...	...	...	...	*
Ateneo De Zamboanga University, La Purisima Street, Zamboanga City	...	...	...	...	...	...	...	...	0.37	0.15
Davao International Airport, Catitipan, Buhangin District, Davao City	...	...	...	...	...	...	...	...	0.46	0.836
Pedro Acharon Sports Complex, Brgy. Calumpang, General Santos City	...	...	...	...	...	...	...	...	*	*
Caraga State University, Ampayon, Butuan City	...	...	...	...	...	...	*	*	*	1.84*

Notes:

* Less than 75% data captured

** No longer monitoring CO

No data are due to equipment breakdown

Source: Environmental Management Bureau, DENR

Table 1.21
CONCENTRATION LEVELS OF SULFUR DIOXIDE (SO_2) BY REGION, BY MONITORING STATION
2013 to 2017
(micrograms per normal cubic meter)

Station	2013	2014	2015	2016	2017
Commonwealth Ave., Quezon City**	14	27	...	...	...
DLSU, 2401 Taft Ave., Manila	14	12	13	14	...
DPWH, Timog EDSA, Nia Road, Quezon City	11*	27	7*	11	6
Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	38	86	27*	28	17
Barangay. Anonas, Urdaneta City, Pangasinan	...	...	...	5	8
Brgy., Parian, San Fernando City, La Union	...	...	...	3	...
Heroes hall, San Fernando, City of San Fernando, Pampanga	...	...	...	...	12*
City Government of Balanga, Balangay City Hall, Poblacion, Balanga City, Bataan	...	...	...	7	5*
Subic Bay Metropolitain Authority Bldg., 229, Waterfront Road, Subic Free port zone	...	...	...	5	3
City of Biñan, Biñan, Laguna	...	...	...	5	*
City of Santa Rosa, 2nd Flr City Government Center, J.P. Rizal Blvd. Santa Rosa, Laguna	...	...	...	...	11
EMB Region 5 Office, Regional Center Office, Rawis, Legaspi City	...	...	...	...	4
Ateneo De Zamboanga University, La Purisima Street, Zamboanga City	...	...	...	3	4
Davao International Airport, Catitipan, Buhangin District, Davao City	...	...	...	5	21
Pedro Acharon Sports Complex, Brgy. Calumpang, General Santos City	...	...	...	11	8
Caraga State University, Ampayon, Butuan City	...	*	*	*	4

Notes:
* Less than 75% data captured
** No longer monitoring SO2
Source: Environmental Management Bureau, DENR

Table 1.22
CONCENTRATION LEVELS OF NITROGEN DIOXIDE (NO_2) BY REGION, BY MONITORING STATION
2013 to 2017
(micrograms per normal cubic meter)

Station	2013	2014	2015	2016	2017
Commonwealth Ave., Quezon City**	80	128	...	...	...
DLSU, 2401 Taft Ave., Manila	52	49	52	57	...
DPWH, Timog EDSA, Nia Road,	42*	106	39*	23	27
Pamantasan ng Lungsod ng Valenzuela, Valenzuela City	28	63	66*	20	19
Barangay. Anonas, Urdaneta City,	...	...	...	16	14
Brgy., Parian, San Fernando City, La	...	...	...	10	17
Heroes hall, San Fernando, City of San Fernando, Pampanga	...	...	...	...	23*
City Government of Balanga, Balangay	...	...	...	26	20*
City Hall, Poblacion, Balanga City,	...	...	...	16	23
Subic Bay Metropolitain Authority Bldg., 229, Waterfront Road, Subic Free port	...	...	...	15	...
City of Biñan, Biñan, Laguna	...	...	...	*	27
City of Santa Rosa, 2nd Flr City Government Center, J.P. Rizal Blvd.	...	...	...	...	13
EMB Region 5 Office, Regional Center Office, Rawis, Legaspi City	...	...	...	13	2
Ateneo De Zamboanga University, La Purisima Street, Zamboanga City	...	...	...	15	17
Davao International Airport, Catitipan, Buhangin District, Davao City	...	...	...	...	8
Pedro Acharon Sports Complex, Brgy. Calumpang, General Santos City	...	*	*	*	15
Caraga State University, Ampayon,					

Notes:

* Less than 75% data captured

** No longer monitoring NO2

Source: Environmental Management Bureau, DENR

Table 1.23
ANNUAL GEOMETRIC MEAN OF TOTAL SUSPENDED PARTICULATES (TSP)
BY REGION, BY MONITORING STATION
2008 to 2017
(microgram per normal cubic meter)

Region/Province	Monitoring Station Location	2008	2009	2010	2011	2012
NCR						
Makati	Bureau of Fire Cmpd., Ayala Avenue cor. Buendia St., Belair	134	145	160	128	135
Mandaluyong	Mandaluyong City Hall, Maycilo Circle, Plainview	125	104	138	136	148
Manila	Dept. of Health , San Lazaro St., Rizal Avenue	103	103	132	101	114
Marikina	Marikina Sports Complex, Sumulong Highway, Sto. Niño	...	...	125	125	108
Pasay	MRT-Taft Avenue Station EDSA Cor. Taft Avenue, Malibay**	282	283	294	219	213
Pasig	LLDA Compound Pasig, City Hall**	85	126	...	...	...
Quezon City	BFD Compound East Avenue**	107	90	105	74	72
	Manila Observatory, Ateneo De Manila University	74	62	79	58	62
	National Printing Office, EDSA**	144	89	152	103	96
	National Ecology Center Compound, East Avenue Central	...	...	...	...	...
Valenzuela	Valenzuela Municipal Hall**	156	164	162	121	123
	Pamantasan Lungsod ng Valenzuela	...	...	...	...	...
I - Ilocos Region						
Ilocus Sur	Vigan City**	...	...	...	...	...
Alaminos City	Alaminos City, Province of Pangasinan, Infront of Nepo Mart**	133	132	125	...	*
La Union	San Fernando City**	...	...	132	117	*
II - Cagayan Valley						
Tuguegarao City	Tug. Sation Brgy. 10**	...	77	94	108	87
III - Central Luzon						
San Fernando, Pampanga	San Fernando	...	...	...	128	243
Meycauayan, Bulacan	Saluysoy Station**	106	124	61	21	14
Bocaue, Bulacan	Intercity Station	...	...	...	344	277
Sta. Cruz, Zambales	Zambales	...	...	...	...	...
IVA - CALABARZON						
	Batangas**	50	19	22	*	*
MIMAROPA						
	Oriental Mindoro**	...	...	...	159	*
V - Bicol Region						
Legazpi City	Barriada	46	80	48	34	40
Iriga City	San Nicolas	72	164	57	52	108
Naga City	Panganiban Drive, Diversion Road	84	157	102	69	101
VI - Western Visayas						
Iloilo City	Jaro Police Station Compound**	80	78	51	*	*
Iloilo City	Lapaz Plaza	135	71	59	88	*
Iloilo City	Otan, Iloilo City**	...	...	...	100	*

Table 1.23 *(Continued)*

Region/Province	Monitoring Station Location	2013	2014	2015	2016	2017
NCR						
Makati	Bureau of Fire Cmpd., Ayala Avenue cor. Buendia St., Belair	*	130*	111	122	140
Mandaluyong	Mandaluyong City Hall, Maycilo Circle, Plainview	*	143	158	144	126
Manila	Dept. of Health , San Lazaro St., Rizal Avenue	115	105*	109	107	99
Marikina	Marikina Sports Complex, Sumulong Highway, Sto. Niño	97	81	104	107	95
Pasay	MRT-Taft Avenue Station EDSA Cor. Taft Avenue, Malibay**	197	218	...	...	...
Pasig	LLDA Compound Pasig, City Hall**	...	...	...	...	...
Quezon City	BFD Compound East Avenue**	92	96	97	138	...
	Manila Observatory, Ateneo De Manila University	70	90	48	44	55
	National Printing Office, EDSA**	112	97*	...	...	...
	National Ecology Center Compound, East Avenue Central	...	...	...	...	136
Valenzuela	Valenzuela Municipal Hall**	143	122	86	97	...
	Pamantasan Lungsod ng Valenzuela	...	...	...	...	127
I - Ilocos Region						
Ilocus Sur	Vigan City**	∞*	127	145	...	...
Alaminos City	Alaminos City, Province of Pangasinan, Infront of Nepo Mart**	...	...	...	...	...
La Union	San Fernando City**	--	...	...	...	...
II - Cagayan Valley						
Tuguegarao City	Tug. Sation Brgy. 10**	...	...	...	...	...
III - Central Luzon						
San Fernando, Pampanga	San Fernando	*	...	180	316*	217
Meycauayan, Bulacan	Saluysoy Station**	6	...	...	...	...
Bocaue, Bulacan	Intercity Station	*	...	244	396*	412
Sta. Cruz, Zambales	Zambales	...	...	68	70*	41
IVA - CALABARZON						
	Batangas**	...	...	...	...	...
MIMAROPA						
	Oriental Mindoro**	*	...	*	...	...
V - Bicol Region						
Legazpi City	Barriada	35	40	37	41	105
Iriga City	San Nicolas	78	55	50	57	105
Naga City	Panganiban Drive, Diversion Road	96	72	72	78	108
VI - Western Visayas						
Iloilo City	Jaro Police Station Compound**	...	...	...	...	...
Iloilo City	Lapaz Plaza	56	40	232	115	83
Iloilo City	Otan, Iloilo City**	65	54	213	...	...

Continued

Table 1.23
ANNUAL GEOMETRIC MEAN OF TOTAL SUSPENDED PARTICULATES (TSP)
BY REGION, BY MONITORING STATION
2008 to 2017
(microgram per normal cubic meter)

Region/Province	Monitoring Station Location	2008	2009	2010	2011	2012
VII - Central Visayas						
Mandaue City	Greenplains Subdivision, Banilad	...	...	74	69	75
City of Naga	Cornilla Lao Residence Boundary of Barangays Inuburan & Langtad	...	...	105	110	124
Cebu City	Cebu Business Park**	...	...	...	32	...
Cebu City	CITOM Station**	...	...	32	...	...
IX - Zamboanga Peninsula						
Zamboanga City	Zamboanga City Medical Center, Dr. Evangelista St.**	135	165	141	137	86
Zamboanga City	Barangay Sto. Nino, San Jose Road**	119	135	113	124	74
Zamboanga City	Philippine International Development Incorporated (PHIDCO), Baliwasan Seaside**	140	181	174	139	82
XI - Davao Region						
Davao City	Davao Memorial Park, Phase II, McArthur Highway**	81	99	44	41	40
Davao City	Las Palmeras Apartele Open Compound, Quimpo Blvd. **	56	60	83	*	61
Davao City	Dacoville Subdivision, Phase II, McArthur Highway, Dumoy, Toril**	31	58	65	44	35
Davao City	Toril Open Park Area, Agton St., Toril Poblacion**	34	58	150	*	92
XII - SOCCSKSARGEN						
South Cotobato	Station 1 Infront of Palomolog **	86	75	73	58	*
Cotobato City	Station 2 Infront of Mun. Hall Suralla **	83	75	73	55	*
Sultan Kudarat	Station 3 Infront of Mun. Hall Isulan	83	75	73	53	*
XIII - Caraga Region						
Butuan city**	New Asia	63	63	49	55	54
Butuan city	Station Petron Nasipit Depot, Nasipit Agusan Del Norte	...	...	...	...	...
Cabadbaran	Cabadbaran City Hall	...	...	...	...	...
Butuan city	Central Butuan, District 1 Ground	...	...	...	50	43

Notes:
* Less than 75% data captured.
** Station no longer monitoring TSP
-- Shifted to PM10 Monitoring
∞ New station added in 2013
No data due to equipment breakdown
TSP National Ambient Air Quality Guideline Values for : 1-year averaging time (Long-term) 90µg/Ncm

Source: Compendium of ENR Statistics 2017, DENR
Retrieved from: https://oldsite.denr.gov.ph/e-library/compendium-enr-statistic-2017.html

Table 1.23 *(Continued)*

Region/Province	Monitoring Station Location	2013	2014	2015	2016	2017
VII - Central Visayas						
Mandaue City	Greenplains Subdivision, Banilad	71	78	94	61	60
City of Naga	Cornilla Lao Residence Boundary of Barangays Inuburan & Langtad	121	106	94	64	75
Cebu City	Cebu Business Park**	...	...	...	...	...
Cebu City	CITOM Station**	...	...	...	...	...
IX - Zamboanga Peninsula						
Zamboanga City	Zamboanga City Medical Center, Dr. Evangelista St.**	...	...	...	...	...
Zamboanga City	Barangay Sto. Nino, San Jose Road**	...	...	...	...	...
Zamboanga City	Philippine International Development Incorporated (PHIDCO), Baliwasan Seaside**	...	...	...	...	...
XI - Davao Region						
Davao City	Davao Memorial Park, Phase II, McArthur Highway**	...	...	...	...	...
Davao City	Las Palmeras Apartele Open Compound, Quimpo Blvd. **	...	...	...	...	...
Davao City	Dacoville Subdivision, Phase II, McArthur Highway, Dumoy, Toril**	...	...	...	...	...
Davao City	Toril Open Park Area, Agton St., Toril Poblacion**	...	...	...	...	...
XII - SOCCSKSARGEN						
South Cotobato	Station 1 Infront of Palomolog **	...	...	...	...	...
Cotobato City	Station 2 Infront of Mun. Hall Suralla **	...	...	...	...	...
Sultan Kudarat	Station 3 Infront of Mun. Hall Isulan	...	...	...	...	...
XIII - Caraga Region						
Butuan city**	New Asia	...	...	...	...	...
Butuan city	Station Petron Nasipit Depot, Nasipit Agusan Del Norte	68∞	68	93	...	84
Cabadbaran	Cabadbaran City Hall	...	...	...	...	65
Butuan city	Central Butuan, District 1 Ground	61	71	94	76	...

Table 1.24
DISTRIBUTION OF POLLUTANTS BY TYPE OF EMMISSION
IN THE NATIONAL CAPITAL REGION (NCR)
2009 to 2015
(in percent)

Year/ Type of Emission	Pollutants				
	Volatile Organic Compound (VOC)	Carbon Monoxide (CO)	Oxide Nitrogen (NOx)	Oxide of Sulfur (SOx)	Particulate Matter (PM)
Mobile					
2009	17.63	71.70	7.72	0.25	2.69
2012	18.97	67.64	7.81	0.18	5.40
2015	18.38	68.66	7.75	0.01	5.21
Stationary					
2009	0.63	0.95	13.25	85.17	0.00
2012	0.81	4.65	17.70	48.02	28.81
2015	1.89	19.71	63.76	10.66	3.98
Area					
2009	3.25	1.63	1.63	0.10	93.39
2012	1.56	0.09	0.22	0.00	98.13
2015	0.05	0.31	0.37	0.00	99.27

Source: Environmental Management Bureau, DENR

Table 1.25
CONCETRATION LEVEL OF NITRATE IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	0.1	0.2	0.2	0.2	0.2	0.1	0.2	1.0	0.3	0.2
Stn II - East Bay	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.5	0.2	0.2
Stn IV - Central Bay	0.0	0.2	0.1	0.1	0.1	0.1	0.0	0.2	0.1	0.3
Stn V - West Bay near Pasig River	0.1	0.3	0.1	0.1	0.1	0.1	0.2	0.7	0.3	0.4
Stn VIII - South Bay	0.2	0.4	0.3	0.2	0.2	0.1	0.3	0.7	0.2	0.2
Stn XV - San Pedro	0.1	0.3	0.2	0.1	0.1	0.0	0.1	0.4	0.2	0.2
Stn XVI -Sta. Rosa	...	...	...	...	0.1	0.0	0.1	0.6	0.1	0.2
Stn XVII - Sanctuary	...	...	...	...	0.1	0.0	0.2	0.6	0.1	0.3
Stn XVIII - Pagsanjan	...	...	...	...	0.1	0.0	0.2	0.4	0.2	0.1
Major Tributaries										
NCR										
Marikina River	...	0.7	0.5	0.5	0.3	0.3	0.0	0.2	0.3	0.2
Bagumbayan River (Taguig)	...	0.3	0.2	0.1	0.1	0.1	0.0	1.0	0.1	0.0
Buli Creek (Taguig)	...	0.1	0.3	0.1	0.1	0.1	0.3	2.6	0.1	0.0
Mangangate River (Muntinlupa) - Downstream	...	0.1	0.2	0.1	0.1	0.0	0.0	0.5	0.1	0.1
Mangangate River (Muntinlupa) - Upstream	...	...	...	...	...	...	0.2	1.4	0.3	0.3
Tunasan River (Muntinlupa) - Downstream	...	0.1	0.4	0.2	0.2	0.2	0.1	2.4	0.2	0.1
Tunasan River (Muntinlupa) - Upstream	...	...	...	...	...	...	0.3	1.3	1.0	0.4
Laguna										
San Pedro River	...	0.4	0.2	0.4	0.7	0.4	0.1	0.9	0.7	0.5
Biñan River	...	...	...	0.3	0.3	0.1	0.0	0.1	0.2	0.3
Sta. Rosa River - Downstream	...	...	...	0.2	0.3	0.3	0.1	0.1	0.2	0.1
Sta. Rosa River - Midstream	...	...	...	...	0.6	0.3	0.5	0.3	0.2	0.1
Sta. Rosa River - Upstream	...	...	...	...	...	...	1.6	2.1	1.2	1.1
Cabuyao River	...	0.4	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
San Cristobal River	...	0.8	0.1	0.2	0.2	0.1	0.1	0.5	0.1	0.1
San Juan River	...	5.3	6.8	3.6	5.9	4.8	4.1	4.2	4.1	3.2
Molawin Creek (Los Baños)	...	...	...	0.7	0.5	0.5	0.7	1.0	0.6	0.9

Continued

Table 1.25 *(Concluded)*
CONCETRATION LEVEL OF NITRATE IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Bay River	...	1.5	0.9	0.6	0.7	0.7	0.6	0.9	0.7	0.6
Pila River	...	...	...	0.4	0.4	0.4	0.3	1.6	1.0	0.4
Sta. Cruz River	...	0.9	0.6	0.6	0.9	0.8	0.5	1.6	1.1	0.9
Pagsanjan River	...	0.8	0.4	0.3	0.3	0.2	0.3	0.3	0.4	0.2
Pangil River - Downstream	...	0.2	0.4	0.1	0.1	0.1	0.1	2.3	0.2	0.1
Pangil River - Upstream	...	...	...	...	...	...	0.1	2.7	0.3	0.1
Siniloan River	...	0.3	0.6	0.3	0.3	0.3	0.2	0.6	0.3	0.2
Sta. Maria River - Downstream	...	...	...	0.3	0.3	0.3	0.4	0.6	0.5	0.2
Sta. Maria River - Upstream	...	...	...	...	...	...	0.0	0.2	0.3	0.1
Rizal										
Jala-jala River	...	...	...	...	0.5	0.5	...	...	0.5	0.2
Pililla River	...	...	...	0.6	0.5	0.5	0.1	0.6	0.3	0.4
Tanay River - Brgy. Wawa	...	1.0	1.2	0.9	1.0	0.6	0.1	1.3	0.5	0.6
Tanay River - Daranak Falls	...	...	...	...	...	...	...	...	0.4	0.8
Tanay River - Cuyambay	...	...	...	...	...	...	0.3	0.4	0.3	0.3
Baras River	...	...	...	0.9	0.7	0.7	0.2	0.5	1.0	0.9
Morong River - Downstream	...	3.1	1.8	1.6	1.9	1.3	0.1	2.0	1.5	0.9
Morong River - Upstream	...	...	...	...	...	...	0.7	1.2	1.0	1.0
Manggahan Floodway (Taytay)	...	0.6	0.4	0.4	0.2	0.1	0.0	0.1	0.2	0.0
Sapang Baho River (Cainta)	...	1.0	0.6	0.8	0.4	0.2	0.0	0.1	0.2	0.1
Angono	...	...	...	...	...	...	0.1	1.3	1.0	0.7
Delpan	...	0.9	0.3	0.3	0.3	0.2	...	...	...	...
Guadalupe	...	0.7	0.2	0.2	0.2	0.2	...	...	...	...
Nagtahan	...	1.0	0.2	0.2	0.2	0.2	...	...	...	...
Napindan	...	1.0	0.3	0.3	0.3	0.2	...	...	...	...

Note: 2014 water quality data is only from January to June (Laboratory is under construction)
Source: Laguna Lake Development Authority

Table 1.26
CONCETRATION LEVEL OF PHOSPHATE IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.2
Stn II - East Bay	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1
Stn IV - Central Bay	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2
Stn V - West Bay near Pasig River	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2
Stn VIII - South Bay	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Stn XV - San Pedro	...	...	...	...	0.1	0.0	0.1	0.1	0.1	0.1
Stn XVI -Sta. Rosa	...	...	...	...	0.1	0.0	0.0	0.1	0.1	0.1
Stn XVII - Sanctuary	...	...	...	...	0.1	0.0	0.0	0.1	0.1	0.1
Stn XVIII - Pagsanjan	...	...	...	...	0.1	0.0	0.0	0.1	0.1	0.1
Major Tributaries										
NCR										
Marikina River	...	0.6	1.8	0.5	0.4	0.6	1.1	0.5	0.5	0.7
(Taguig)	...	2.2	10.4	1.5	1.4	1.2	2.8	1.4	1.8	1.6
Buli Creek (Taguig)	...	2.2	8.0	1.8	1.6	1.4	2.2	1.6	1.8	1.5
(Muntinlupa) - Downstream	...	1.5	6.4	1.3	0.8	1.1	1.2	1.2	1.4	1.2
(Muntinlupa) - Upstream	...	...	...	...	...	...	0.8	0.4	0.9	0.6
(Muntinlupa) - Downstream	...	4.6	17.4	2.3	2.2	2.2	2.4	2.1	1.8	1.2
Tunasan River (Muntinlupa) - Upstream	...	...	...	...	...	...	1.4	0.7	1.4	1.5
Laguna										
San Pedro River	...	2.9	8.6	1.9	1.5	1.6	2.2	1.0	1.5	1.2
Biñan River	...	...	...	1.0	1.2	1.2	1.4	0.6	1.1	0.8
Sta. Rosa River - Downstream	...	...	...	1.4	0.9	1.0	1.0	0.6	0.7	0.7
Sta. Rosa River - Midstream	...	...	...	...	0.7	0.8	0.9	0.6	0.6	0.7
Sta. Rosa River - Upstream	...	...	...	...	...	...	0.7	0.5	0.6	0.6
Cabuyao River	...	1.6	3.8	1.0	1.1	1.2	1.3	0.5	0.9	0.8
San Cristobal River	...	0.8	1.6	0.5	0.5	0.4	0.5	0.5	0.5	0.5
San Juan River	...	1.2	2.2	0.8	0.6	0.7	0.5	0.7	0.9	0.7
Molawin Creek (Los Baños)	...	...	...	0.4	0.3	0.4	0.5	0.4	0.5	0.4
Bay River	...	0.6	0.9	0.3	0.3	0.4	0.4	0.3	0.4	0.4
Pila River	...	...	...	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Sta. Cruz River	...	0.5	1.0	0.3	0.3	0.4	0.3	0.4	0.3	0.4
Pagsanjan River	...	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Pangil River - Downstream	...	0.1	0.3	0.1	0.1	0.1	0.1	0.2	0.1	0.1

Continued

Table 1.26 (Concluded)
CONCETRATION LEVEL OF PHOSPHATE IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pangil River - Upstream	...	...	...	...	...	...	0.1	0.2	0.1	0.1
Siniloan River	...	0.3	0.6	0.1	0.1	0.1	0.2	0.2	0.2	0.1
Sta. Maria River - Downstream	...	...	...	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Sta. Maria River - Upstream	...	...	...	...	...	...	0.1	0.2	0.1	0.1
Rizal										
Jala-jala River	...	...	...	...	0.3	0.3	...	...	0.3	0.0
Pililla River	...	...	...	0.3	0.3	0.3	0.2	0.3	0.4	0.2
Tanay River - Brgy. Wawa		0.5	0.7	0.3	0.2	0.1	0.2	0.3	0.2	0.2
Tanay River - Daranak Falls	...	...	...	...	...	...	...	...	0.1	0.1
Tanay River - Cuyambay	...	...	...	...	...	...	0.0	0.2	0.0	0.1
Baras River	...	...	...	0.4	0.2	0.3	0.7	0.4	0.4	0.5
Morong River - Downstream	...	2.3	4.4	1.2	1.2	1.2	1.7	1.0	1.1	1.8
Morong River - Upstream	...	...	...	...	...	...	1.1	0.9	1.3	1.8
Manggahan Floodway (Taytay)	...	0.5	2.1	0.7	0.6	1.0	1.4	0.7	0.9	0.9
Sapang Baho River (Cainta)	...	0.8	3.6	0.9	0.8	1.1	1.5	0.7	0.8	1.1
Angono	...	...	...	...	...	...	0.7	0.6	0.4	0.5
Delpan	...	0.5	0.3	0.4	0.2	0.4	...	...	...	...
Guadalupe	...	0.3	0.7	0.5	0.2	0.4	...	...	...	...
Nagtahan	...	0.5	0.7	0.5	0.4	0.5	...	...	...	...
Napindan	...	0.3	0.2	0.2	0.2	0.3	...	...	...	...

Source: Laguna Lake Development Authority

Table 1.27.1
CONCENTRATION LEVEL OF BIOCHEMICAL OXYGEN DEMAND (BOD) OF SELECTED FRESHWATER BODIES BY REGION
2008 to 2017
(milligrams per liter)

Region	Water Body	Class	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
NCR												
	Meycauayan-Valenzuela River	C	18.2	...	31.0	9.9	47.2	44.8	57.9	71.6	74.4	76.2
	NMTT River System	C	40.6	...	35.0	...	40.4	38.6	39.6	36.9	43.9	49.4
	Parañaque River	C	38.9	...	38.0	29.2	42.0	43.8	56.8	56.0	56.6	58.4
	Pasig River	C	20.5	...	...	31.7	...	34.4	56.9	53.3	54.6	53.8
	System	C	11.2	...	...	48.5	...	55.8	66.8	68.3	74.4	68.7
CAR												
	Agno River	B	...	...	...	1.0	2.3	1.3	4.6	1.3	1.2	1.2
	Amburayan River	B	1.0	...	3.0	4.2	3.8	1.1	1.0	1.0	1.0	1.0
	Asin Gallano River	B	1.1	1.0	2.0	3.4	2.3	1.1	1.1	0.9	1.1	1.1
	Balili River	B	37.4	7.0	37.0	35.3	...	39.1	35.4	39.8	50.2	63.5
	Bued River	B	1.0	1.2	1.0	3.7	6.0	2.3	1.0	15.5	11.6	12.3
I - Ilocos Region												
	Sinucalan-Dagupan River	C	...	...	...	...	12.2	3.8	8.8	4.0	4.3	5.2
	(Dagupan River)	C	3.3	5.1	6.0	...	...	...	...	...	...	...
II - Cagayan Valley												
	Cagayan River	C	2.2	1.8	1.0	2.0	1.0	2.6	...	2.6	...	...
	Pinacanauan de	NC	...	...	...	...	1.1	1.1	1.5	1.1	...	...
III - Central Luzon												
	Angat River	C	...	...	...	...	...	2.6	4.6	9.3	4.0	4.0
	Bocaue River	A/C	11.8	6.3	11.0	6.7	...	13.5	17.6	31.8	27.0	35.1
	Guagua River	C	...	...	...	1.6	...	9.1	23.8	14.0	26.6	24.6
	Marilao River	C	11.1	8.2	24.0	18.3	31.4	29.3	23.9	34.8	43.5	28.1
	Meycauayan River	C	35.6	49.0	59.0	45.1	58.5	56.8	45.4	64.2	88.7	65.5
	Obando River	C	...	...	...	15.8	9.8	11.0	15.4	38.2	26.6	31.9
	Pampanga River	C	13.0	3.0	2.0	1.8	4.0	52.3	...	13.6	10.3	6.2
	Sta Maria River	NC	7.8	12.3	9.0	14.7	10.7	12.3	34.0	17.7	28.1	26.5
	Talisay River	C	...	...	...	5.7	3.7	2.0	2.1	5.7	4.0	4.0
IVA - CALABARZON												
	Cañas River	C	...	2.9	3.0	4.2	3.3	4.6	5.3	4.5	5.0	7.7
	Imus River	C	10.1	18.7	12.0	11.6	12.0	8.9	9.6	11.8	10.2	15.5
	Pansipit River	C	1.3	1.3	...	2.3	...	...	...	...	1.7	4.5
	Rio Grande River	C	5.0	3.7	...	...	...	6.5	9.6	7.2	5.7	4.7
	Ylang-Ylang River	C	...	126.3	119.0	13.1	13.5	6.8	4.9	5.9	5.3	65.3
MIMAROPA												
	Calapan River	C	3.8	5.3	14.0	11.0	13.0	5.6	10.4	9.3	6.2	16.7
	Tagburos River	C	...	...	...	...	...	...	6.0	3.6	8.6	23.6
V - Bicol Region												
	Anayan River	C	2.8	2.9	4.0	...	...	...	...	...	...	...
	Balos River	B	1.4	...	2.0	...	...	...	...	3.6	2.0	2.1

Continued

Table 1.27.1 *(Continued)*
CONCENTRATION LEVEL OF BIOCHEMICAL OXYGEN DEMAND (BOD) OF SELECTED FRESHWATER BODIES BY REGION
2008 to 2017
(milligrams per liter)

Region	Water Body	Class	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
	Lake Buhi	B	...	...	...	...	1.6	1.2	1.1	2.5	2.4	2.2
	Naga River	C	...	...	...	...	...	...	70.4	6.2	7.6	4.6
	Sagumayon River	C	6.9	17.0	23.0	14.4	15.6	11.8	23.8	22.6	22.2	29.0
	Salog River	C	...	2.7	4.0	...	...	...	...	5.3	3.6	4.0
VI - Western Visayas												
	Batiano River	A	3.6	...	5.0	3.1	2.8	4.4	4.7	5.0	5.2	4.6
	Iloilo River	C	4.4	6.4	12.0	7.0	12.2	8.6	19.8	13.1	8.7	15.2
	Jalaur River	C	1.5	1.3	5.0	1.0	1.3	3.3	2.9	1.9	2.6	2.3
	Jaro-Tigum-Aganan River	C	1.7	1.7	2.0	1.1	1.2	1.6	2.6	2.0	5.2	1.6
	Malihao River	C	37.6	...	42.0	24.0	11.8	71.8	42.8	44.3	...	...
	Panay River	A	2.1	2.2	1.0	1.3	1.2	1.7	2.9	1.9	1.5	1.6
VII - Central Visayas												
	Butuanon River	D	22.4	...	143.0	20.6	29.5	42.0	66.9	111.5	...	...
	Guadalupe River	C	37.3	...	55.0	46.2	62.0	56.1	71.5	50.9	95.9	12.6
	Guindarohan River	NC	...	...	...	2.1	1.9	...	4.6	...	...	...
	Luyang River	A/C	1.4	2.5	4.0	4.0	3.0	2.3	...	2.5	5.3	1.5
	Sapangdaku River	C	1.1	3.2	6.0	3.0	1.7	1.8	2.9	2.1	2.4	1.6
VIII - Easten Visayas												
	Bao River	C	...	...	...	...	...	...	...	...	9.0	11.3
IX - Zamboanga Peninsula												
	Mercedes River	C	1.8	2.9	4.0	4.3	3.0	3.2	8.7	3.6	9.1	8.4
	Patalon River	A/B	1.5	1.8	2.0	1.5	1.1	1.6	1.0	2.6	2.7	0.8
	Saaz River	A/B	1.3	1.2	2.0	1.4	1.3	1.7	1.0	2.0	1.4	0.7
	Tumaga River	A/B/C	2.6	2.3	5.0	3.1	3.1	3.0	5.9	7.5	5.2	1.3
X - Northern Mindanao												
	Agusan River	C	...	...	...	3.0	2.8	...	1.3	1.4	2.2	1.1
	Alae River	C	...	...	...	2.8	3.2	...	3.9	13.0	6.5	1.8
	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	1.0	1.1
	Cugman River	C	...	...	...	3.5	2.3	...	1.3	2.1	1.6	1.0
	Iponan River	A	1.2	1.9	1.0	4.0	2.2	1.5	1.8	1.0	1.0	1.6
	Umalag River	C	...	...	...	2.8	3.7	3.0	1.5	4.6	5.5	3.0
XI - Davao Region												
	Agusan River	C	0.8	...	...	...	2.2	1.9	1.4	0.3	0.9	1.1
	Bitanagan River	C	1.2	...	...	...	...	...	0.9	0.2	1.2	1.0
	Bunawan River	C	2.2	...	...	...	...	...	...	1.5	1.1	2.1
	Davao River	A/B	2.0	3.0		2.4	2.4	2.5	1.8	1.0	1.0	2.6
	Digos River	B/C	1.5	...	...	...	1.5	2.3	1.5	0.6	0.8	2.0
	Hijo River	C	2.0	...	...	...	1.3	2.2	1.7	1.3	1.4	1.8
	Kingking River	C	0.8	...	...	...	...	...	2.5	1.3	1.6	1.1

Continued

Table 1.27.1 *(Continued)*
CONCENTRATION LEVEL OF BIOCHEMICAL OXYGEN DEMAND (BOD) OF SELECTED FRESHWATER BODIES BY REGION
2008 to 2017
(milligrams per liter)

Region	Water Body	Class	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
	Lasang River	B	0.7	...	...	...	...	...	...	0.3	1.4	1.5
	Libuganon River	C	...	...	...	...	...	1.5	1.1	0.4	0.6	1.0
	Lipadas River	AA/C	1.6	...	...	3.7	6.0	7.9	4.1	5.9	1.9	4.1
	Manurigao River	A	1.0	...	...	...	...	...	...	0.4	0.3	1.4
	Matiao River	C	0.5	...	...	...	1.2	1.2	1.0	0.6	0.4	0.7
	Matina River	B	...	...	...	...	...	2.6	2.5	2.4	2.2	5.1
	Naboc River	C	1.3	2.0	...	1.5	2.8	2.2	1.7	0.8	0.7	1.1
	Padada River	C	3.0	...	...	...	1.9	2.1	1.4	2.0	1.2	1.7
	Sumlog River	B/C	0.8	...	...	...	...	...	0.6	0.4	...	0.9
	Tagum River	D	1.3	...	...	...	...	2.0	1.6	0.7	1.1	1.2
	Talomo River	B	2.1	2.8	2.0	3.9	2.5	3.6	2.0	1.4	1.4	2.5
	Tuganay River	B	2.5	...	...	2.9	2.2	2.7	3.2	1.0	1.1	2.0
XII - SOCCSKSARGEN												
	Lake Sebu	B/C	1.8	2.1	3.0	...	...	...	...	3.1	2.6	4.6
	Libungan River	C	...	...	...	4.9	1.8	1.5	...	...	1.5	1.1
	Marbel River	C	...	...	...	...	1.2	1.5	3.6	1.0	1.4	1.3
	Matingao River	C	...	...	...	...	1.1	1.3	1.0	1.1	1.0	...
	Silway River	C	...	...	2.0	3.8	1.5	2.9	3.4	1.1	1.5	1.2
XIII - Caraga												
	Agusan River	C	0.8	1.1	1.0	0.8	0.6	0.7	0.8	1.3	1.3	0.5
	Cabadbaran River	A	...	...	...	...	...	...	...	1.2	0.8	0.6
	Taguibo River	A/C/D	1.0	1.2	1.0	0.7	1.0	1.3	2.4	3.0	...	1.4
	Tubay River	A	...	...	...	...	...	0.5	0.8	0.7	0.6	0.6

Note: NC - Not yet classified
Source: Environmental Management Bureau, DENR

Table 1.27.2
CONCETRATION LEVEL OF BIOCHEMICAL OXYGEN DEMAND (BOD) IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	2.0	1.2	6.0	2.7	1.8	1.9	2.0	4.0	2.3	2.4
Stn II - East Bay	1.0	1.3	5.3	2.3	1.4	1.5	3.0	4.6	1.8	2.1
Stn IV - Central Bay	2.0	1.5	4.0	2.0	1.5	2.2	3.0	4.1	2.0	2.7
Stn V - West Bay near Pasig River	1.0	1.7	5.3	2.8	2.0	2.8	4.0	5.0	2.1	3.2
Stn VIII - South Bay	1.0	2.3	5.3	2.3	1.8	1.9	2.0	4.0	1.4	2.5
Stn XV - San Pedro	...	...	...	...	1.8	2.2	3.0	5.0	2.2	2.9
Stn XVI -Sta. Rosa	...	...	...	...	1.6	2.4	2.0	5.2	2.5	7.5
Stn XVII - Sanctuary	...	...	...	...	1.5	2.5	2.0	5.0	1.8	3.0
Stn XVIII - Pagsanjan	...	...	...	...	1.9	2.1	2.0	5.0	2.0	2.3
Major Tributaries										
NCR										
Marikina River	...	12.6	25.1	11.8	12.2	20.8	28.0	8.6	7.7	16.5
Bagumbayan River (Taguig)	...	59.6	237.8	84.8	63.5	52.7	159.0	96.6	287.2	143.9
Buli Creek (Taguig)	...	72.0	160.5	136.3	123.6	115.0	489.0	146.2	245.0	164.3
Mangangate River (Muntinlupa) - Downstream	...	27.0	41.7	34.8	22.4	26.0	28.0	30.2	53.7	33.3
Mangangate River (Muntinlupa) - Upstream	...	...	...	...	...	...	9.0	6.4	8.8	8.0
Tunasan River (Muntinlupa) - Downstream	...	184.4	159.1	128.8	141.2	170.0	401.0	426.2	376.2	169.7
Tunasan River (Muntinlupa) - Upstream	...	...	...	...	...	...	5.0	9.6	7.1	37.3
Laguna										
San Pedro River	...	16.0	17.9	24.4	23.4	18.7	15.0	11.0	13.4	16.5
Biñan River	...	...	...	23.7	20.9	20.8	45.0	21.6	34.3	22.2
Sta. Rosa River - Downstream	...	...	...	17.6	15.5	17.7	15.0	22.6	27.7	33.3
Sta. Rosa River - Midstream	...	...	...	2.7	2.3	2.4	5.0	2.3	2.3	35.8
Sta. Rosa River - Upstream	...	...	...	...	...	...	3.0	5.4	8.2	5.9
Cabuyao River	...	10.7	14.0	20.4	17.2	24.8	22.0	23.3	30.4	20.5
San Cristobal River	...	33.3	77.9	63.4	33.3	35.0	49.0	53.2	98.8	62.5
San Juan River	...	3.6	5.3	8.9	4.2	6.3	5.0	3.8	5.5	6.2

Continued

Table 1.27.2 *(Continued)*
CONCETRATION LEVEL OF BIOCHEMICAL OXYGEN DEMAND (BOD) IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Molawin Creek (Los Baños)	...	...	...	3.8	2.9	4.4	3.0	3.4	3.8	4.1
Bay River	...	2.9	4.0	2.8	2.0	5.5	2.0	3.6	2.7	2.6
Pila River	...	...	...	3.4	2.9	4.7	3.0	3.2	2.8	2.6
Sta. Cruz River	...	2.8	2.9	2.7	2.3	3.9	2.0	3.8	2.5	2.4
Pagsanjan River	...	1.4	3.3	1.8	1.9	3.2	2.0	3.2	2.0	1.4
Pangil River - Downstream	...	2.0	5.0	2.2	1.8	2.7	2.0	3.2	2.0	1.4
Pangil River - Upstream	...	...	...	...	...	...	2.0	3.2	1.8	1.5
Siniloan River	...	2.5	7.3	2.2	2.9	3.6	3.0	3.8	3.4	2.5
Sta. Maria River - Downstream	...	...	...	2.7	2.3	2.4	5.0	2.3	2.3	3.1
Sta. Maria River - Upstream	...	...	...	...	...	...	1.0	2.8	2.1	1.6
Rizal										
Jala-jala River	...	...	...	...	2.9	2.8	...	2.0	5.0	2.6
Pililla River	...	...	...	3.1	3.3	5.7	4.0	5.0	8.1	5.5
Tanay River - Brgy. Wawa	...	3.7	4.2	3.3	2.8	4.2	6.0	5.0	7.6	6.0
Tanay River - Daranak Falls	...	...	...	...	...	...	...	...	1.7	2.2
Tanay River - Cuyambay	...	...	...	...	...	...	2.0	3.2	2.0	1.6
Baras River	...	...	...	5.5	4.5	6.1	13.0	9.6	7.7	7.3
Morong River - Downstream	...	8.0	13.4	19.6	14.4	14.4	16.0	11.2	14.1	11.1
Morong River - Upstream	...	...	...	...	...	...	16.0	9.2	18.2	16.9
Manggahan Floodway (Taytay)	...	7.4	13.8	10.6	11.3	15.8	20.0	12.4	15.6	14.4
Sapang Baho River (Cainta)	...	13.1	17.3	14.7	12.9	25.5	30.0	17.0	21.2	21.0
Angono	...	...	...	...	...	...	17.0	6.8	8.5	9.3
Delpan	...	5.6	7.2	6.9	5.3	14.6	...	...	...	...
Guadalupe	...	5.3	9.5	15.2	7.6	13.8	...	...	...	...
Nagtahan	...	7.7	11.3	14.5	7.8	15.7	...	...	...	...
Napindan	...	4.1	5.0	5.9	4.0	12.3	...	...	...	...

Note: 2014 water quality data is only from January to June (Laboratory is under construction)
Source: Laguna Lake Development Authority

Table 1.28
CONCETRATION LEVEL OF CHEMICAL OXYGEN DEMAND (COD)
IN LAGUNA DE BAY AND ITS TRIBUTARIES BY STATION

2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	19.4	6.0	40.5	32.8	20.6	17.3	2.0	1.0	29.8	24.8
Stn II - East Bay	20.9	21.7	17.8	18.9	18.3	16.6	2.0	...	24.4	20.9
Stn IV - Central Bay	25.2	2.7	24.8	21.6	16.4	22.9	2.0	...	27.2	26.8
Stn V - West Bay near Pasig River	19.1	4.0	24.8	22.3	17.8	34.6	36.0	...	27.0	27.1
Stn VIII - South Bay	16.5	5.3	20.8	22.8	16.6	20.9	43.0	...	25.8	25.0
Stn XV - San Pedro	...	...	...	...	18.2	20.9	32.0	...	25.1	25.4
Stn XVI -Sta. Rosa	...	...	...	...	16.5	23.7	68.0	...	24.1	37.9
Stn XVII - Sanctuary	...	...	...	...	18.0	21.3	40.0	...	24.0	29.1
Stn XVIII - Pagsanjan	...	...	...	...	20.7	18.9	48.0	...	24.4	22.4
Tributaries										
Bagumbayan	154.9	137.7	332.3	168.5	133.7	146.6	329.5	...	...	273.0
Bay River	33.3	38.3	21.3	21.0	20.8	13.6	20.0	...	...	14.1
Biñan	...	...	...	42.1	86.5	51.9	40.0	...	...	51.5
Buli Creek	182.8	125.3	360.8	248.0	225.4	249.6	410.5	...	...	357.7
Cabuyao	42.1	55.0	22.5	45.8	40.0	42.9	32.0	...	...	41.5
Los Banos	...	...	...	16.2	25.3	16.0	18.0	...	...	17.6
Mangangate Downstream	95.1	83.7	158.0	70.2	74.9	60.2	186.0	...	...	79.0
Mangangate Upstream	...	...	...	...	70.5	52.8	34.0	...	...	34.5
Marikina	48.1	29.0	35.3	30.6	32.0	52.8	51.0	...	...	61.4
Pagsanjan River / Lumban	23.4	36.3	96.8	15.3	18.8	16.7	9.0	...	...	10.9
Pila	...	...	...	14.8	30.1	16.8	24.0	...	...	30.6
San Cristobal River	98.9	78.7	195.3	133.2	65.7	205.7	125.5	...	...	73.8
San Juan River	21.6	51.0	24.8	21.3	29.0	18.1	30.0	...	...	40.5
San Pedro River	122.6	74.7	60.5	142.4	61.8	150.1	48.0	...	...	55.8
Sta. Cruz River	23.9	27.7	32.5	8.7	29.5	9.8	20.0	...	...	21.6
Sta. Rosa Downstream	...	...	...	43.7	38.1	39.3	42.0	...	...	80.7
Sta. Rosa Midstream	...	...	...	...	52.1	32.9	52.0	...	...	79.6
Sta. Rosa Upstream	...	...	...	...	45.3	8.4	32.0	...	...	17.8
Tunasan Downstream	157.3	571.7	226.5	243.5	248.7	374.1	679.0	...	...	317.1
Tunasan Upstream	...	...	...	...	40.1	16.8	28.0	...	...	57.6

Source: Laguna Lake Development Authority

Table 1.29
ANNUAL GEOMETRIC MEAN OF TOTAL COLIFORM IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(Most Probable Number/100mL)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	1,899.0	374.0	3,411.0	52.0	200.0	163.0	246.0	...	473.5	316.2
Stn II - East Bay	505.0	145.0	73.0	246.0	222.0	317.0	147.0	...	675.8	386.1
Stn IV - Central Bay	665.0	164.0	35.0	182.0	375.0	401.0	82.0	...	275.7	174.1
Stn V - West Bay near Pasig River	1,978.0	540.0	59.0	1,423.0	1,528.0	421.0	122.0	...	446.0	686.8
Stn VIII - South Bay	1,793.0	1,202.0	182.0	1,994.0	1,373.0	528.0	294.0	...	632.7	306.6
Stn XV - San Pedro	...	...	...	...	938.0	338.0	256.0	...	542.6	239.5
Stn XVI -Sta. Rosa	...	...	...	...	161.0	892.0	380.0	...	414.2	407.4
Stn XVII - Sanctuary	...	...	...	...	68.0	136.0	164.0	...	482.9	242.7
Stn XVIII - Pagsanjan	...	...	...	...	35.0	590.0	190.0	...	413.6	189.3
Major Tributaries										
NCR										
Marikina River	...	12.6	25.1	11.8	12.2	20.8	28.0	8.6	7.7	16.5
Bagumbayan River (Taguig)	...	59.6	237.8	84.8	63.5	52.7	159.0	96.6	287.2	143.9
Buli Creek (Taguig)	...	72.0	160.5	136.3	123.6	115.0	489.0	146.2	245.0	164.3
Mangangate River (Muntinlupa) - Downstream	...	27.0	41.7	34.8	22.4	26.0	28.0	30.2	53.7	33.3
Mangangate River (Muntinlupa) -Upstream	...	...	...	...	...	...	9.0	6.4	8.8	8.0
Tunasan River (Muntinlupa) - Downstream	...	184.4	159.1	128.8	141.2	170.0	401.0	426.2	376.2	169.7
Tunasan River (Muntinlupa) -Upstream	...	...	...	...	...	...	5.0	9.6	7.1	37.3
Laguna										
San Pedro River		16.0	17.9	24.4	23.4	18.7	15.0	11.0	13.4	16.5
Biñan River	...	...	...	23.7	20.9	20.8	45.0	21.6	34.3	22.2
Sta. Rosa River - Downstream	...	...	...	17.6	15.5	17.7	15.0	22.6	27.7	33.3
Sta. Rosa River - Midstream	...	...	...	2.7	2.3	2.4	5.0	2.3	2.3	35.8
Sta. Rosa River - Upstream	...	...	...	...	...	...	3.0	5.4	8.2	5.9
Cabuyao River	...	10.7	14.0	20.4	17.2	24.8	22.0	23.3	30.4	20.5
San Cristobal River	...	33.3	77.9	63.4	33.3	35.0	49.0	53.2	98.8	62.5
San Juan River	...	3.6	5.3	8.9	4.2	6.3	5.0	3.8	5.5	6.2
Molawin Creek (Los Baños)	...	...	...	3.8	2.9	4.4	3.0	3.4	3.8	4.1
Bay River	...	2.9	4.0	2.8	2.0	5.5	2.0	3.6	2.7	2.6
Pila River	...	...	...	3.4	2.9	4.7	3.0	3.2	2.8	2.6
Sta. Cruz River	...	2.8	2.9	2.7	2.3	3.9	2.0	3.8	2.5	2.4
Pagsanjan River	...	1.4	3.3	1.8	1.9	3.2	2.0	3.2	2.0	1.4
Pangil River - Downstream	...	2.0	5.0	2.2	1.8	2.7	2.0	3.2	2.0	1.4
Pangil River - Upstream	...	...	...	...	...	...	2.0	3.2	1.8	1.5
Siniloan River	...	2.5	7.3	2.2	2.9	3.6	3.0	3.8	3.4	2.5

Continued

Table 1.29 *(Continued)*
ANNUAL GEOMETRIC MEAN OF TOTAL COLIFORM IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(Most Probable Number/100mL)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Sta. Maria River - Downstream	...	...	...	2.7	2.3	2.4	5.0	2.3	2.3	3.1
Sta. Maria River - Upstream	...	...	...	...	...	...	1.0	2.8	2.1	1.6
Rizal										
Jala-jala River	...	...	...	...	2.9	2.8	...	2.0	5.0	2.6
Pililla River	...	...	...	3.1	3.3	5.7	4.0	5.0	8.1	5.5
Tanay River - Brgy. Wawa	...	3.7	4.2	3.3	2.8	4.2	6.0	5.0	7.6	6.0
Tanay River - Daranak Falls	...	...	...	...	...	...	...	...	1.7	2.2
Tanay River - Cuyambay	...	...	...	...	...	...	2.0	3.2	2.0	1.6
Baras River	...	...	...	5.5	4.5	6.1	13.0	9.6	7.7	7.3
Morong River - Downstream	...	8.0	13.4	19.6	14.4	14.4	16.0	11.2	14.1	11.1
Morong River - Upstream	...	...	...	...	...	...	16.0	9.2	18.2	16.9
Manggahan Floodway (Taytay)	...	7.4	13.8	10.6	11.3	15.8	20.0	12.4	15.6	14.4
Sapang Baho River (Cainta)	...	13.1	17.3	14.7	12.9	25.5	30.0	17.0	21.2	21.0
Angono	...	...	...	...	...	...	17.0	6.8	8.5	9.3
Delpan	...	5.6	7.2	6.9	5.3	14.6	...	...	...	...
Guadalupe	...	5.3	9.5	15.2	7.6	13.8	...	...	...	...
Nagtahan	...	7.7	11.3	14.5	7.8	15.7	...	...	...	...
Napindan	...	4.1	5.0	5.9	4.0	12.3	...	...	...	...

Notes:
2014 water quality data is only from January to June (Laboratory is under construction)
No analysis for Total Coliform in Laguna de Bay in 2015
Source: Laguna Lake Development Authority

Table 1.30.1
AVERAGE CONCETRATION LEVEL OF LEAD IN LAGUNA DE BAY AND ITS TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	0.02	0.02	0.01	0.02	...	...	...	...	0.02	0.02
Stn II - East Bay	0.03	0.02	0.01	0.03	...	...	...	...	0.02	0.02
Stn IV - Central Bay	0.03	0.02	0.01	0.03	...	...	...	...	0.02	0.02
Stn V - West Bay near Pasig River	0.04	0.02	0.01	0.05	...	...	...	...	0.02	0.02
Stn VIII - South Bay	0.03	0.02	0.01	0.01	...	...	...	...	0.02	0.02
Stn XV - San Pedro	...	...	...	...	...	...	...	...	0.02	0.02
Stn XVI -Sta. Rosa	...	...	...	...	...	...	...	...	0.02	0.02
Stn XVII - Sanctuary	...	...	...	...	...	...	...	...	0.02	0.02
Stn XVIII - Pagsanjan	...	...	...	...	...	...	...	...	0.02	0.02
Tributaries										
Bagumbayan	0.02	0.02	0.02	0.03	...	...	...	...	...	0.02
Bay River	0.02	0.02	0.02	0.03	...	...	...	...	...	0.02
Biñan	...	...	...	0.04	...	...	...	...	...	0.02
Buli Creek	0.02	0.02	0.01	0.03	...	...	...	...	...	0.02
Cabuyao	0.02	0.02	0.01	0.04	...	...	...	...	...	0.02
Los Banos	...	...	...	0.03	...	...	...	...	...	0.02
Mangangate Downstream	0.02	0.02	0.01	0.01	...	...	...	...	...	0.02
Mangangate Upstream	...	...	...	...	...	...	...	...	...	0.02
Marikina	0.02	0.02	0.01	0.04	...	...	...	...	...	0.02
Pagsanjan River / Lumban	0.02	0.02	0.01	0.04	...	...	...	...	...	0.02
Pila	...	...	...	0.04	...	...	...	...	...	0.02
San Cristobal River	0.02	0.02	0.01	0.02	...	...	...	...	...	0.02
San Juan River	0.03	0.02	0.01	0.04	...	...	...	...	...	0.02
San Pedro River	0.04	0.02	0.01	0.03	...	...	...	...	...	0.02
Sta. Cruz River	0.02	0.02	0.01	0.02	...	...	...	...	...	0.02
Sta. Rosa Downstream	...	...	...	0.04	...	...	...	...	...	0.02
Sta. Rosa Midstream	...	...	...	...	...	...	...	...	...	0.02
Sta. Rosa Upstream	...	...	...	...	...	...	...	...	...	0.02
Tunasan Downstream	0.02	0.02	0.01	0.04	...	...	...	...	...	0.02
Tunasan Upstream	...	...	...	...	...	...	...	...	...	0.02

Source: Laguna Lake Development Authority

Table 1.30.2
AVERAGE CONCETRATION LEVEL OF CADMIUM IN LAGUNA DE BAY AND ITS TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	0.002	0.002	0.001	0.010	...	...	...	...	0.003	0.002
Stn II - East Bay	0.002	0.001	0.001	0.007	...	...	...	...	0.003	0.002
Stn IV - Central Bay	0.002	0.001	0.002	0.011	...	...	...	...	0.005	0.002
Stn V - West Bay near Pasig River	0.002	0.001	0.002	0.012	...	...	...	...	0.005	0.003
Stn VIII - South Bay	0.002	0.001	0.001	0.001	...	...	...	...	0.006	0.003
Stn XV - San Pedro	...	...	...	...	...	...	...	...	0.005	0.003
Stn XVI -Sta. Rosa	...	...	...	...	...	...	...	...	0.006	0.002
Stn XVII - Sanctuary	...	...	...	...	...	...	...	...	0.005	0.004
Stn XVIII - Pagsanjan	...	...	...	...	...	...	...	...	0.005	0.004
Tributaries										
Bagumbayan	0.005	0.002	0.002	0.003	...	0.004	...	...	0.002	0.002
Bay River	0.002	0.002	0.003	0.010	...	...	...	...	0.002	0.002
Biñan	...	...	...	0.002	...	...	...	...	0.002	0.002
Buli Creek	0.005	0.002	0.002	0.003	...	0.007	...	...	0.002	0.002
Cabuyao	0.005	0.002	0.001	0.003	...	...	...	...	0.002	0.002
Los Banos	...	...	...	0.011	...	...	...	...	0.002	0.002
Mangangate Downstream	0.005	0.002	0.001	0.004	...	...	...	...	0.002	0.003
Mangangate Upstream	...	...	...	...	...	0.007	...	...	0.002	0.002
Marikina	0.002	0.002	0.002	0.001	...	0.002	...	...	0.003	0.002
Pagsanjan River / Lumban	0.002	0.002	0.004	0.002	...	...	...	...	0.002	0.002
Pila	...	...	...	0.015	...	...	...	...	0.002	0.002
San Cristobal River	0.004	0.002	0.004	0.005	...	...	...	...	0.002	0.002
San Juan River	0.003	0.002	0.002	0.004	...	...	...	...	0.002	0.002
San Pedro River	0.018	0.002	0.001	0.004	...	...	...	...	0.002	0.002
Sta. Cruz River	0.004	0.002	0.003	0.004	...	...	...	...	0.003	0.002
Sta. Rosa Downstream	...	...	...	0.004	...	...	...	...	0.002	0.007
Sta. Rosa Midstream	...	...	...	...	...	...	...	...	0.002	0.002
Sta. Rosa Upstream	...	...	...	...	...	...	...	...	0.002	0.003
Tunasan Downstream	0.006	0.002	0.003	0.003	...	0.008	...	...	0.003	0.003
Tunasan Upstream	...	...	...	...	...	0.005	...	...	0.002	0.002

Source: Laguna Lake Development Authority

Table 1.31
LEVELS OF pH IN LAGUNA DE BAY AND ITS TRIBUTARIES BY STATION
2008 to 2017

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	8.2	8.3	8.0	7.7	8.5	8.2	8.0	8.2	8.2	8.2
Stn II - East Bay	8.2	8.3	8.2	7.8	8.6	8.3	8.1	8.3	8.7	8.1
Stn IV - Central Bay	8.3	8.2	8.4	8.0	8.6	8.5	8.1	8.3	8.7	8.3
Stn V - West Bay near Pasig River	8.3	8.3	8.2	7.8	8.4	8.1	8.2	8.2	8.4	8.1
Stn VIII - South Bay	8.2	8.3	8.1	7.9	8.3	8.4	8.1	8.2	8.5	8.3
Stn XV - San Pedro	...	...	...	...	8.7	8.4	8.1	8.3	8.4	8.2
Stn XVI -Sta. Rosa	...	...	...	...	8.6	8.6	8.2	8.4	8.5	8.3
Stn XVII - Sanctuary	...	...	...	...	8.7	8.6	8.0	8.2	8.6	8.3
Stn XVIII - Pagsanjan	...	...	...	...	8.7	8.6	8.2	8.2	8.8	8.3
Tributaries										
Bagumbayan	7.7	7.5	7.3	7.1	7.5	7.4	7.0	7.4	7.2	7.0
Bay River	8.1	7.9	7.7	7.7	8.1	7.9	7.8	7.7	7.9	7.8
Biñan	...	...	...	7.3	7.7	7.6	7.4	7.7	7.7	7.6
Buli Creek	7.6	7.5	7.5	7.2	7.4	7.3	6.9	7.1	7.3	7.0
Cabuyao	7.7	7.5	7.4	7.3	7.6	7.4	7.3	7.4	7.6	7.4
Los Banos	...	...	...	7.2	7.5	7.4	7.3	7.2	7.5	7.1
Mangangate Downstream	7.7	7.5	7.4	7.3	7.4	7.5	7.4	7.4	7.5	7.4
Mangangate Upstream	...	...	...	...	7.7	7.5	7.3	7.5	7.6	7.5
Marikina	7.5	7.3	7.1	7.1	7.5	7.2	7.3	7.3	7.3	7.2
Pagsanjan River / Lumban	7.4	7.3	7.4	7.1	7.4	7.3	7.3	7.4	7.6	7.2
Pila	...	...	...	7.2	7.5	7.4	7.3	7.2	7.4	7.2
San Cristobal River	7.4	7.4	7.0	5.7	7.4	7.2	6.9	6.9	6.9	6.9
San Juan River	7.5	7.2	7.1	7.0	7.4	7.4	7.4	7.3	7.6	7.3
San Pedro River	7.7	7.5	7.5	7.4	7.7	7.6	7.4	7.6	7.6	7.5
Sta. Cruz River	7.7	7.5	7.4	7.3	7.6	7.4	7.3	7.3	7.5	7.4
Sta. Rosa Downstream	...	...	...	7.4	7.6	7.5	7.4	7.5	7.7	7.4
Sta. Rosa Midstream	...	...	...	...	7.7	7.5	7.5	7.4	7.6	7.4
Sta. Rosa Upstream	...	...	...	...	7.9	7.7	7.5	7.6	7.9	7.7
Tunasan Downstream	7.6	7.2	7.2	7.0	7.3	7.0	7.0	6.6	7.0	6.9
Tunasan Upstream	...	...	...	...	7.9	7.6	7.4	7.4	7.8	7.6

Source: Laguna Lake Development Authority

Table 1.32
TEMPERATURE OF LAGUNA DE BAY AND ITS TRIBUTARIES BY STATION
2008 to 2017
(in degrees Celsius)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	28.3	27.3	29.0	28.2	28.7	28.5	...	27.1	29.0	...
Stn II - East Bay	28.9	27.0	28.3	28.3	28.8	28.4	...	27.9	28.0	...
Stn IV - Central Bay	28.8	27.4	29.0	28.5	28.4	28.5	...	27.9	28.0	...
Stn V - West Bay near Pasig River	28.3	27.4	28.8	28.6	28.2	28.5	...	28.7	28.0	...
Stn VIII - South Bay	28.5	27.1	28.7	28.4	29.4	28.6	...	28.4	28.0	...
Stn XV - San Pedro	...	...	...	...	29.0	28.8	...	29.0	26.0	...
Stn XVI -Sta. Rosa	...	...	...	...	29.3	27.2	...	28.7	30.0	...
Stn XVII - Sanctuary	...	...	...	...	28.8	28.7	...	28.4	28.0	...
Stn XVIII - Pagsanjan	...	...	...	...	29.4	28.6	...	28.1	28.0	...
Tributaries										
Bagumbayan	27.9	27.5	28.1	27.7	29.4	...	...	27.0	...	...
Bay River	27.8	28.1	28.2	27.4	29.0	30.0	...	28.5	...	...
Biñan	...	...	...	28.8	28.0	...	...	25.7	...	18.3
Buli Creek	28.0	27.6	28.5	28.0	29.7	28.0	...	27.0	...	...
Cabuyao	29.0	27.2	29.2	28.6	29.5	...	...	26.5	...	20.9
Los Banos	...	...	...	27.7	29.0	28.5	...	28.8	...	...
Mangangate Downstream	28.5	27.8	29.1	28.9	29.4	...	...	27.1	...	...
Mangangate Upstream	...	...	...	...	...	28.0	...	26.8	...	...
Marikina	27.0	27.1	27.5	27.1	...	...	...	...	...	...

Source: Laguna Lake Development Authority

Table 1.33.1
CONCENTRATION LEVEL OF DISSOLVED OXYGEN (DO) OF SELECTED FRESHWATER BODIES
2008 to 2017
(milligrams per liter)

Region	Water Body	Class	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
NCR												
	Meycauayan-Valenzuela River System	C	...	...	...	...	2.5	1.0	0.1	0.0	0.5	0.7
	NMTT River System	C	1.4	1.7	2.0	...	3.3	0.1	0.0	0.0	0.3	0.5
	Parañaque River	C	1.6	0.4	0.3	...	0.9	0.1	0.0	0.6	0.0	0.1
	Pasig River	C	3.1	...	...	3.4	...	2.3	2.8	...	2.3	2.2
	San Juan River System	C	1.8	...	...	1.2	...	0.5	0.0	1.0	0.0	0.1
CAR												
	Agno River	B	7.4	...	6.8	...	9.2	10.9	12.8	10.3	11.7	12.5
	Amburayan River	B	7.7	...	7.1	...	9.2	10.9	9.8	9.9	11.5	12.0
	Asin Gallano River	B	7.9	8.1	6.9	...	9.0	9.5	9.5	10.0	10.0	10.5
	Balili River	B	4.6	6.7	4.5	...	9.9	8.2	4.9	5.8	6.0	5.0
	Bued River	B	7.7	7.7	6.7	...	9.5	8.5	9.8	7.7	9.6	9.0
I - Ilocos Region												
	Sinucalan-Dagupan River	C	...	...	...	...	5.6	5.3	5.2	6.8	6.0	5.7
	(Dagupan River)	C	4.4	4.9	3.6	...	...	...	...	...	...	...
II - Cagayan Valley												
	Cagayan River	C	6.0	...	7.9	6.6	6.4	8.0	8.0	8.1	8.2	7.6
	Pinacanauan de Tuguigarao	NC	...	...	...	...	9.8	14.9	7.0	5.6	7.9	8.3
III - Central Luzon												
	Angat River	C	...	...	7.1	5.4	4.9	4.5	3.6	4.0	3.9	5.6
	Bocaue River	A/C	5.0	7.9	5.8	3.6	3.1	2.5	1.8	1.8	2.5	2.0
	Guagua River	C	...	...	...	5.7	3.8	2.5	1.0	3.2	3.1	3.5
	Marilao River	C	2.4	5.0	3.6	3.0	2.9	1.8	1.5	1.4	2.1	2.5
	Meycauayan River	C	2.5	4.2	2.6	2.3	1.9	1.3	0.5	0.5	0.9	0.8
	Obando River	C	...	...	4.5	5.2	3.0	2.7	1.3	1.4	2.7	3.0
	Pampanga River	C	...	5.5	6.4	...	4.5	4.1	...	3.7	4.7	4.5
	Sta Maria River	NC	5.0	4.8	4.7	4.9	2.9	2.6	1.8	2.0	2.3	2.8
	Talisay River	C	...	...	...	6.7	5.7	5.3	4.2	3.7	4.4	6.0
IVA - CALABARZON												
	Cañas River	C	...	6.0	5.3	6.4	7.0	6.6	6.3	6.4	6.0	5.4
	Imus River	C	4.1	4.8	5.2	4.7	4.5	6.0	5.7	5.4	5.1	5.4
	Pansipit River	C	7.1	7.5	...	8.5	...	...	...	...	...	6.5
	Rio Grande River	C	4.5	5.6	...	...	6.6	6.4	5.6	5.3	6.6	6.2
	Ylang-Ylang River	C	4.0	4.6	5.1	5.4	6.0	6.2	5.5	5.9	4.3	4.7
MIMAROPA												
	Calapan River	C	3.1	2.9	1.6	2.0	2.6	2.0	3.2	4.3	1.2	1.3
	Tagburos River	C	...	...	6.0	...	...	...	5.5	6.8	5.2	6.2
V - Bicol Region												
	Anayan River	C	...	6.3	5.1	...	...	...	...	...	...	...
	Balos River	B	7.3	7.3	7.2	...	...	...	...	7.1	7.0	7.1
	Lake Buhi	B	...	...	...	...	7.3	8.8	8.7	7.1	7.2	9.2
	Naga River	C	6.5	...	...	...	...	...	4.6	6.5	9.8	6.4
	Sagumayon River	C	4.3	3.8	3.1	4.5	6.4	3.5	3.5	3.8	4.1	3.3
	Salog River	C	...	6.9	6.6	...	...	...	...	6.0	5.8	5.6
VI - Western Visayas												
	Batiano River	A	4.1	4.2	4.9	4.3	4.8	5.0	5.4	6.6	5.4	5.2
	Iloilo River	C	4.5	3.9	4.0	3.4	3.8	4.2	4.2	4.4	4.0	4.1
	Jalaur River	C	7.1	...	7.5	6.0	6.9	7.0	7.4	8.0	7.1	7.4
	Jaro-Tigum-Aganan River	C	7.1	6.2	7.0	6.8	7.2	7.4	7.7	7.1	7.5	7.0
	Malihao River	C	4.9	7.3	4.3	5.2	4.2	4.4	4.4	4.7	...	...
	Panay River	A	6.4	7.1	6.9	6.2	6.4	6.5	6.1	6.9	5.5	6.5

Continued

Table 1.33.1 *(Concluded)*
CONCENTRATION LEVEL OF DISSOLVED OXYGEN (DO) OF SELECTED FRESHWATER BODIES
2008 to 2017
(milligrams per liter)

Region	Water Body	Class	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
VII - Central Visayas												
	Butuanon River	D	3.5	1.4	2.3	3.2	3.4	2.9	2.4	2.3	...	...
	Guadalupe River	C	2.1	1.0	1.5	1.6	0.8	0.5	1.0	1.6	1.2	5.2
	Guindarohan River	NC	7.7	5.2	5.5	5.4	5.4	...	...	...	...	...
	Luyang River	A/C	6.9	4.1	5.8	5.1	4.0	5.3	6.0	7.9	8.3	8.4
	Sapangdaku River	C	6.8	4.3	5.1	5.3	3.0	5.6	7.0	7.3	7.9	7.8
VIII - Easten Visayas												
	Bao River	C	...	...	...	...	8.8	10.5	7.6	7.7	7.0	8.3
IX - Zamboanga Peninsula												
	Mercedes River	C	7.5	5.8	6.0	6.9	6.9	6.2	5.5	6.1	6.0	6.1
	Patalon River	A/B	7.8	11.0	7.5	8.3	8.2	7.5	8.0	7.4	6.9	7.4
	Saaz River	A/B	8.4	7.8	7.3	7.9	8.4	7.7	8.1	7.7	8.1	7.9
	Tumaga River	A/B/C	7.0	7.0	5.6	7.3	7.4	7.4	6.6	7.1	5.4	7.3
X - Northern Mindanao												
	Agusan River	C	...	8.1	7.9	7.9	8.3	...	8.0	1.4	9.1	8.0
	Alae River	C	...	7.0	...	6.3	6.2	...	6.7	13.0	7.4	6.5
	Bigaan River	C	8.1	9.6	6.5	7.7	8.2	...	7.2	...	...	...
	Cagayan de Oro River	A	8.1	8.8	8.2	8.2	4.5	6.8	7.7	7.2	7.4	7.2
	Cugman River	C	7.7	8.2	7.7	7.7	8.2	...	7.5	2.1	8.2	7.3
	Iponan River	A	7.9	7.8	6.8	7.9	7.6	6.8	6.8	1.0	6.3	6.7
	Umalag River	C	...	9.8	...	6.8	9.2	7.0	7.1	4.6	5.6	6.7
XI - Davao Region												
	Agusan River	C	7.2	...	...	...	6.9	7.0	7.2	7.5	7.4	7.4
	Bitanagan River	C	6.9	...	...	...	...	...	7.8	7.2	...	...
	Bunawan River	C	5.5	...	...	...	...	...	...	6.8	6.6	6.4
	Davao River	A/B	6.9	7.4	6.6	7.6	7.1	7.0	7.5	7.5	7.4	7.2
	Digos River	B/C	8.0	...	...	...	7.4	7.2	7.7	7.9	7.5	7.3
	Hijo River	C	7.6	...	...	...	7.7	7.2	7.8	7.2	6.9	7.6
	Kingking River	C	7.7	...	...	...	...	...	7.4	7.0	6.3	7.2
	Lasang River	B	7.4	...	...	...	...	...	...	7.8	7.5	7.2
	Libuganon River	C	...	...	...	...	...	7.5	7.6	7.5	7.3	7.3
	Lipadas River	AA/C	6.7	...	...	7.3	6.8	6.5	6.5	6.4	6.6	6.9
	Manurigao River	A	7.0	...	...	...	...	...	...	8.3	8.1	8.4
	Matiao River	C	8.3	...	...	...	8.1	7.6	7.9	7.6	7.5	7.9
	Matina River	B	...	...	...	...	6.7	6.4	6.4	7.1	6.1	2.5
	Naboc River	C	7.6	7.1	7.0	7.8	7.7	7.5	7.9	7.8	7.4	8.0
	Padada River	C	5.9	...	...	...	7.2	6.9	7.2	7.1	7.1	7.3
	Sumlog River	B/C	7.4	...	...	...	...	...	8.3	7.7	8.2	7.8
	Tagum River	D	6.3	...	...	...	...	6.9	7.0	6.8	6.4	6.3
	Talomo River	B	6.7	6.6	7.0	6.6	7.2	7.1	7.4	7.7	7.2	7.5
	Tuganay River	B	5.0	...	...	6.6	6.8	6.5	4.2	6.8	7.0	6.4
XII - SOCCSKSARGEN												
	Lake Sebu	B/C	8.2	7.6	6.8	...	...	...	...	6.2	5.9	7.2
	Libungan River	C	...	...	...	7.3	8.8	...	...	...	8.5	8.7
	Marbel River	C	...	...	...	...	7.8	7.3	7.3	8.3	6.8	6.1
	Matingao River	C	...	...	...	...	7.7	7.2	8.1	8.4	7.6	...
	Silway River	C	...	...	5.1	6.5	7.2	7.1	7.2	7.0	6.6	7.1
XIII - Caraga												
	Agusan River	C	6.8	6.7	6.4	6.3	6.6	6.2	6.9	1.3	6.2	5.9
	Cabadbaran River	A	...	...	...	...	...	...	...	1.2	8.0	8.1
	Taguibo River	A/C/D	7.6	7.4	7.3	7.4	6.6	6.9	7.1	3.0	6.7	8.3
	Tubay River	A	7.6	7.5	...	...	...	7.1	7.8	0.7	6.9	7.0

Note: NC - Not yet classified
Source: Environmental Management Bureau, DENR

Table 1.33.2
CONCETRATION LEVEL OF DISSOLVED OXYGEN (DO) IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Laguna de Bay										
Stn I - West Bay	7.7	7.8	9.1	7.7	7.6	7.9	8.4	7.9	7.9	7.8
Stn II - East Bay	7.8	8.5	8.0	8.2	7.9	7.9	7.9	8.0	8.2	8.3
Stn IV - Central Bay	8.3	8.1	8.8	8.5	8.0	8.1	8.3	8.3	9.1	9.0
Stn V - West Bay near Pasig River	7.8	8.0	8.7	7.4	7.5	7.2	9.1	9.1	7.5	8.3
Stn VIII - South Bay	7.8	8.4	8.0	8.1	8.1	8.0	8.5	8.3	8.0	8.8
Stn XV - San Pedro	...	...	...	...	8.2	7.5	8.3	8.5	7.4	8.1
Stn XVI -Sta. Rosa	...	...	...	...	8.1	8.4	9.3	8.6	8.1	8.4
Stn XVII - Sanctuary	...	...	...	...	7.9	8.3	8.5	8.5	8.2	8.8
Stn XVIII - Pagsanjan	...	...	...	...	8.0	8.5	8.1	8.5	8.4	8.7
Major Tributaries										
NCR										
Marikina River	...	2.9	2.1	1.9	1.9	1.1	1.8	1.6	1.4	1.0
Bagumbayan River (Taguig)	...	2.5	0.1	0.5	0.3	0.2	0.1	0.2	0.4	0.1
Buli Creek (Taguig)	...	1.7	0.1	0.1	0.2	0.3	0.8	0.2	0.3	0.3
Mangangate River (Muntinlupa) - Downstream	...	1.9	0.1	0.2	1.3	0.9	0.9	0.2	0.1	0.2
Mangangate River (Muntinlupa) -Upstream	...	...	...	...	...	...	4.1	4.7	4.5	4.4
Tunasan River (Muntinlupa) - Downstream	...	0.9	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1
Tunasan River (Muntinlupa) -Upstream	...	...	...	...	...	...	3.7	4.0	4.9	1.7
Laguna										
San Pedro River	...	2.7	0.2	1.3	1.2	1.7	1.9	1.7	0.5	1.0
Biñan River	...	...	...	0.6	0.6	0.5	1.4	1.3	0.6	1.6
Sta. Rosa River - Downstream	...	...	...	1.2	2.2	2.0	2.3	3.2	0.3	1.2
Sta. Rosa River - Midstream	...	...	...	...	2.0	1.8	2.7	2.1	1.3	1.3
Sta. Rosa River - Upstream	...	...	...	...	...	...	6.6	6.7	6.0	6.2
Cabuyao River	...	3.5	0.6	0.7	0.8	0.6	1.3	0.7	0.6	1.2
San Cristobal River	...	4.3	1.3	1.2	2.0	1.1	1.6	1.6	0.3	0.9
San Juan River	...	4.5	3.6	2.8	3.0	3.8	6.0	5.4	5.2	5.6
Molawin Creek (Los Baños)	...	...	...	4.4	3.3	3.7	3.6	3.1	3.2	4.4
Bay River	...	7.3	7.0	6.6	6.8	6.8	6.5	6.8	6.3	6.8
Pila River	...	...	...	5.1	4.8	5.0	4.6	4.2	3.7	4.4
Sta. Cruz River	...	6.7	7.0	6.5	6.5	6.2	6.5	6.2	5.6	6.1
Pagsanjan River	...	7.2	7.1	7.3	6.4	6.5	6.6	6.4	6.6	6.6
Pangil River - Downstream	...	8.2	7.1	7.3	7.3	6.8	7.6	7.4	7.7	8.1
Pangil River - Upstream	...	...	...	...	...	...	7.5	7.4	7.7	7.1

Continued

Table 1.33.2 *(Concluded)*
CONCETRATION LEVEL OF DISSOLVED OXYGEN (DO) IN LAGUNA DE BAY AND ITS MAJOR TRIBUTARIES BY STATION
2008 to 2017
(milligrams per Liter)

Station	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Siniloan River	...	3.4	5.5	4.6	2.7	4.0	4.1	4.1	4.1	4.7
Sta. Maria River - Downstream	...	...	...	6.5	6.5	6.5	5.7	6.3	6.1	6.6
Sta. Maria River - Upstream	...	...	...	...	...	...	8.3	8.5	8.2	8.4
Rizal										
Jala-jala River	...	...	...	...	6.0	5.7	5.4	4.5	5.7	6.2
Pililla River	...	...	...	3.9	3.7	3.3	3.4	3.6	2.9	2.9
Tanay River - Brgy. Wawa	...	5.9	5.1	5.5	6.5	5.4	6.7	5.0	6.1	6.1
Tanay River - Daranak Falls	...	...	...	...	...	...	...	...	...	8.3
Tanay River - Cuyambay	...	...	...	...	...	...	9.0	8.7	7.4	7.3
Baras River	...	...	...	3.9	4.7	4.2	6.4	5.4	4.9	4.4
Morong River - Downstream	...	8.8	5.0	7.3	4.9	5.0	5.1	6.8	6.7	3.3
Morong River - Upstream	...	...	...	...	...	...	6.7	8.1	6.9	3.9
Manggahan Floodway (Taytay)	...	4.4	1.9	1.7	2.3	0.9	1.7	2.8	1.8	0.5
Sapang Baho River (Cainta)	...	2.3	1.0	0.8	1.8	0.8	1.4	0.9	0.5	0.3
Angono	...	...	...	...	...	...	2.1	3.7	3.7	3.6
Delpan	...	2.4	1.8	2.1	3.2	1.4	...	...	...	...
Guadalupe	...	3.6	3.1	3.4	3.4	3.2	...	...	...	...
Nagtahan	...	1.5	1.0	1.7	2.3	1.9	...	...	...	...
Napindan	...	5.0	4.0	4.1	4.3	3.7	...	...	...	...

Note: 2014 water quality data is only from January to June (Laboratory is under construction)
Source: Laguna Lake Development Authority

Table 1.34
ANNUAL GEOMETRIC MEAN OF TOTAL COLIFORM IN SELECTED MARINE WATERBODIES BY REGION
2008 to 2017
(Most Probable Number/100 mL)

Region	Water Body	Class	2008	2009	2010	2011	2012
III - Central Luzon							
	Bulacan Bay	SB	...	...	...	...	350.0
	Manila Bay (bathing beaches)	SB	...	...	...	...	6,401.1
	Limay Mariveles Coastal	SB	...	...	...	...	...
	Beach Monitoring (Iba Zambales)	SB	...	...	...	...	311.9
	Pampanga Bay	SB	...	...	...	...	57.2
MIMAROPA							
	Bacuit Bay	SB	...	...	...	...	764.9
	Coron Bay	SB	...	...	...	...	6,551.0
	Sabang Bay	SC	...	...	...	...	1,258.1
VI - Western Visayas							
	Iloilo Coastline	SC	...	...	...	...	17,157.2
	Boracay Coastal Water	SC	...	...	...	21.0	35.6
	Guimaras Strait	SC	...	...	...	120.3	536.3
	Iloilo Strait	SC	...	...	...	121.2	808.8
	Roxas City Coastline	SB	...	...	...	...	2,106.9
VIII - Easten Visayas							
	Ormoc Bay	SC	...	...	...	...	...
IX - Zamboanga Peninsula							
	Bolong Beach	SB	...	...	...	...	...
	Caragasan Beach	SB	...	...	...	...	211.6
	Cawa-cawa Beach Resort	SB	...	...	...	...	24,801.4
	Golf Course Beach Resort	SB	...	...	...	...	...
	La Aplaya Bonita Beach	SB	...	...	...	7,382.1	5.8
	La Vista del Mar Beach Resort	SB	...	...	...	...	...
	Puerto Villa Beach	SB	...	...	...	6,053.4	8.0
X - Northern Mindanao							
	Macalajar Bay	NC	...	...	...	68.5	108.4
XII - SOCCSKSARGEN							
	Sarangani Bay	SC	...	...	...	...	111.8
XIII - Caraga							
	Hinagkaban Bay	SC	...	...	...	...	...
	Taganito Bay	SA	...	...	...	...	...

Notes:
NC - not yet classified
* Total Coliform is replaced with Fecal Coliform since CY 2017

Source: Environmental Management Bureau, DENR

Table 1.34 *(Continued)*

Region	Water Body	Class	2013	2014	2015	2016	2017*
III - Central Luzon							
	Bulacan Bay	SB	3,051.1	...	...	...	...
	Manila Bay (bathing beaches)	SB	2,904.1	...	...	4,428.2	3,160.9
	Limay Mariveles Coastal	SB	345.3	721.6	744.8	1,959.7	4,267.4
	Beach Monitoring (Iba Zambales)	SB	96.2	18.3	77.3	101.1	36.4
	Pampanga Bay	SB	2,902.2	...	...	861.5	...
MIMAROPA							
	Bacuit Bay	SB	624.4	...	805.0	594.9	25.3
	Coron Bay	SB	6,474.2	...	1,445.7	53,761.3	1,191.8
	Sabang Bay	SC	2,073.1	1,097.7	2,785.2	17,185.6	2,015.8
VI - Western Visayas							
	Iloilo Coastline	SC	...	...	...	...	...
	Boracay Coastal Water	SC	20.9	28.4	25.8	18.4	11.2
	Guimaras Strait	SC	321.6	126.2	128.8	4,246.0	288.6
	Iloilo Strait	SC	369.8	375.5	275.2	2,877.8	739.8
	Roxas City Coastline	SB	...	...	374.4	...	...
VIII - Easten Visayas							
	Ormoc Bay	SC	...	...	...	...	...
IX - Zamboanga Peninsula							
	Bolong Beach	SB	356.5	1,315.1	435.2	652.7	66.9
	Caragasan Beach	SB	699.5	3,425.0	5,830.5	740.5	232.3
	Cawa-cawa Beach Resort	SB	1,461.7	48,899.7	5,830.5	1,161.5	491.7
	Golf Course Beach Resort	SB	...	...	8,511.1	...	...
	La Aplaya Bonita Beach	SB	57.8	1,900.0	...	...	...
	La Vista del Mar Beach Resort	SB	...	...	...	...	...
	Puerto Villa Beach	SB	26.8	3,937.0	1,217.9	462.7	27.5
X - Northern Mindanao							
	Macalajar Bay	NC	42.3	...	...	...	50.6
XII - SOCCSKSARGEN							
	Sarangani Bay	SC	17.9	46.5	538.7	72.1	...
XIII - Caraga							
	Hinagkaban Bay	SC	...	...	...	...	...
	Taganito Bay	SA	...	...	...	...	...

Table 1.35
CONCENTRATION LEVEL OF DISSOLVED OXYGEN (DO) OF SELECTED MARINE WATERBODIES BY REGION
2008 to 2017
(milligrams per liter)

Region	Water Body	Class	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
III - Central Luzon												
	Bulacan Bay	SB	...	...	...	...	7.4	4.8	...	...	...	...
	Manila Bay (bathing beaches)	SB	...	...	...	...	5.6	5.3	...	3.8	5.8	6.0
	Limay Mariveles Coastal	SB	...	...	...	...	...	5.4	4.2	3.6	4.1	6.3
	Beach Monitoring (Iba Zambales)	SB	...	...	...	...	...	5.1	4.2	3.3	3.6	5.8
	Pampanga Bay	SB	...	...	...	...	5.8	5.0	...	4.3	4.9	...
MIMAROPA												
	Bacuit Bay	SB	...	...	...	...	6.7	6.8	7.2	...	5.4	4.2
	Coron Bay	SB	...	6.1	5.9	...	7.0	9.1	5.4	8.6	6.7	3.8
	Sabang Bay	SC	8.2	...	...	...	7.7	9.7	6.7	...	...	9.2
VI - Western Visayas												
	Iloilo Coastline	SC	6.2	6.5	7.0	...	6.3	...	...	7.0	...	...
	Boracay Coastal Water	SC	6.8	6.7	6.8	...	6.7	...	7.0	7.0	7.1	7.6
	Guimaras Strait	SC	...	...	7.4	...	7.2	7.0	7.3	7.3	6.8	7.0
	Iloilo Strait	SC	...	...	7.1	6.7	6.7	6.4	7.5	7.2	...	6.4
	Roxas City Coastline	SB	6.8	6.7	...	...	6.0	...	...	6.5	...	...
VIII - Easten Visayas												
	Ormoc Bay	SC	...	8.8	9.6	10.3	10.0	9.4	7.9	9.6	7.7	10.7
IX - Zamboanga Peninsula												
	Bolong Beach	SB	...	...	...	...	...	...	...	...	6.3	6.3
	Caragasan Beach	SB	...	...	...	6.6	6.1	6.6	...	...	6.9	7.3
	Cawa-cawa Beach Resort	SB	6.5	5.2	6.6	6.0	5.6	6.6	...	5.6	6.7	6.2
	Golf Course Beach Resort	SB	7.2	6.2	7.5	6.6	6.8	6.9	...	6.3	...	...
	La Aplaya Bonita Beach	SB	...	...	...	7.0	6.9	6.9	...	...	...	...
	La Vista del Mar Beach Resort	SB	7.1	6.8	...	6.7	6.6	6.7	...	6.5	...	...
	Puerto Villa Beach	SB	...	...	...	7.5	6.6	6.9	...	...	6.7	6.9
X - Northern Mindanao												
	Macalajar Bay	NC	...	...	6.6	5.2	5.7	7.6	...	...	...	...
XII - SOCCSKSARGEN												
	Sarangani Bay	SC	6.2	6.5	6.0	6.2	5.7	5.9	5.9	...	5.9	5.4
XIII - Caraga												
	Hinagkaban Bay	SC	...	...	...	6.4	6.6	...	...	...	...	...
	Taganito Bay	SA	...	...	6.7	6.4	6.5	...	...	...	...	...

Note: NC - not yet classified
Source: Environmental Management Bureau, DENR

Statistical Tables

Environmental Resources and their Use

Table 2.1.1
METALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES
as of 2017

Region	Silver				Gold			
	Total Resource		Total Reserve		Total Resource		Total Reserve	
	Weight (metric tons)	Ave. Grade (g/t)	Weight (metric tons)	Ave. Grade (g/t)	Weight (metric tons)	Ave. Grade (g/t)	Weight (metric tons)	Ave. Grade (g/t)
Philippines	**1,714,438,205.0**		**1,695,620,000.0**		**6,244,949,421.2**		**1,882,804,740.0**	
CAR	16,000.0	7.2	...	...	532,512,979.0	0.6	61,096,932.0	0.8
I	...	...	...	...	...	...	...	...
II	...	...	...	...	78,006,000.0	1.5	13,557,000.0	1.8
III	...	...	...	...	...	...	...	...
IV-A	...	...	...	...	6,551,280.0	1.9	...	...
IV-B	1,694,270,000.0	1.2	1,694,270,000.0	1.2	1,694,270,000.0	0.1	1,694,270,000.0	0.1
V	14,021,193.0	7.8	...	...	271,595,211.0	1.5	93,438,789.0	0.9
VI	...	...	...	...	375,400,000.0	2.3	...	...
VII	...	...	...	...	...	...	...	...
VIII	...	...	...	...	...	...	...	...
IX	3,855,812.0	53.9	1,350,000.0	68.2	31,886,532.0	1.1	1,350,000.0	2.5
X	...	...	...	...	1,073,000.0	5.3	...	...
XI	...	...	...	...	893,774,274.0	1.6	1,616,120.0	6.5
XII	2,275,200.0	...	...	...	1,963,255,254.2	0.2	...	...
Caraga	...	...	...	...	396,624,891.0	1.5	17,475,899.0	0.6

Notes:
… no available data
Based on the 2017 inventory and other data gathered up to June 2018
Data used are mixed resources and reserves due to the previous MGB Form 29-19. This inventory is NOT exclusively Reserves nor Resources.

Table 2.1.1 ***(Continued)***

Bauxite				Chromite			
Total Resource		Total Reserve		Total Resource		Total Reserve	
Weight (metric tons)	Ave. Grade (% Al_2O_3)	Weight (metric tons)	Ave. Grade (% Al_2O_3)	Weight (metric tons)	Ave. Grade (% Cr_2O_3)	Weight (metric tons)	Ave. Grade (% Cr_2O_3)
117,600,000.0		**...**		**152,074,680.7**		**57,522,703.0**	
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	42,753,525.2	20.0	...	...
...	...	...	...	...	...	...	...
...	...	...	...	4,350,860.0	37.6	...	...
...	...	...	...	2,339,890.0	37.6	...	...
...	...	...	...	...	...	...	...
...	...	...	...	150,000.0	48.0	...	...
117,600,000.0	42.2	...	...	76,049,887.5	5.1	46,696,104.0	4.1
...	...	...	...	2,632,710.0	37.8	...	...
...	...	...	...	2,706,870.0	16.7	...	...
...	...	...	...	842,300.0	43.5	...	...
...	...	...	...	...	...	...	...
...	...	...	...	20,248,638.0	17.2	10,826,599.0	22.1

Table 2.1.1
METALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES
as of 2017

Region	Copper				Iron			
	Total Resource		Total Reserve		Total Resource		Total Reserve	
	Weight (metric tons)	Ave. Grade (%Cu)	Weight (metric tons)	Ave. Grade (%Cu)	Weight (metric tons)	Ave. Grade (%Fe)	Weight (metric tons)	Ave. Grade (%Fe)
Philippines	**8,875,717,093.0**		**1,758,708,633.0**		**1,089,723,423.7**		**73,351,235.0**	
CAR	1,268,093,845.0	0.4	59,120,000.0	0.4	...	...	...	...
I	...	...	...	...	...	...	...	...
II	38,840,000.0	0.4	...	...	...	...	...	...
III	79,449,000.0	0.4	...	...	1,057,450.0	64.1	...	...
IV-A	...	...	...	...	...	...	...	...
IV-B	1,694,270,000.0	0.4	1,694,270,000.0	0.4	...	...	...	...
V	14,615,890.0	1.5	...	...	21,134,280.0	33.1	...	...
VI	477,510,000.0	0.4	...	...	...	...	...	...
VII	395,924,000.0	0.3	...	...	...	...	...	...
VIII	34,525,000.0	0.7	...	...	966,184,141.7	9.6	47,166,000.0	62.8
IX	70,419,528.0	1.2	...	...	...	...	...	...
X	...	...	...	...	...	...	...	...
XI	528,362,689.0	0.4	...	...	...	...	...	...
XII	3,968,649,001.0	1.1	...	...	...	...	...	...
Caraga	305,058,140.0	3.8	5,318,633.0	...	101,347,552.0	31.5	26,185,235.0	32.3

Table 2.1.1 ***(Continued)***

Iron (Associated with Nickel)				Manganese			
Total Resource		Total Reserve		Total Resource		Total Reserve	
Weight (metric tons) `	Ave. Grade (%Fe)	Weight (metric tons) `	Ave. Grade (%Fe)	Weight (metric tons)	Ave. Grade (%Mn)	Weight (metric tons)	Ave. Grade (%Mn)
1,593,646,693.4		**515,228,252.5**		**248,500.0**		**...**	
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
125,520,000.0	31.6	35,700,000.0	39.1	...	...	...	...
158,287,292.0	13.2	39,543,633.0	...	...	...	...	...
...	...	...	...	...	...	...	...
46,505,007.8	20.0	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
41,579,707.7	49.2	18,109,544.6	49.3	...	...	...	...
...	...	...	...	248,500.0	44.3	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
1,221,754,685.9	34.1	421,875,074.9	31.9	...	...	...	...

Table 2.1.1 *(Concluded)*
METALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES
as of 2017

Region	Nickel				Zinc			
	Total Resource		Total Reserve		Total Resource		Total Reserve	
	Weight (metric tons)	Ave. Grade (%Ni)	Weight (metric tons)	Ave. Grade (%Ni)	Weight (metric tons)	Ave. Grade (%Zn)	Weight (metric tons)	Ave. Grade (%Zn)
Philippines	**2,509,682,169.5**		**532,416,247.6**		**11,552,933.0**		**11,217,248.0**	
CAR	...	...	...	...	...	...	...	...
I	...	...	...	...	...	...	...	...
II	125,520,000.0	1.2	35,700,000.0	1.4	...	...	...	...
III	235,796,728.0	1.3	41,771,193.0	1.2	...	...	...	...
IV-A	...	...	...	...	...	...	...	...
IV-B	280,873,469.7	1.2	38,324,105.9	1.5	...	...	...	...
V	2,500,000.0	0.6	...	...	11,217,248.0	2.7	11,217,248.0	2.7
VI	...	...	...	...	...	...	...	...
VII	...	...	...	...	...	...	...	...
VIII	67,569,997.7	0.5	21,099,834.6	0.6	...	...	...	...
IX	...	...	...	...	335,685.0	18.8	...	...
X	...	...	...	...	...	...	...	...
XI	206,748,849.0	1.3	...	...	...	...	...	...
XII	327,000,000.0	0.9	...	...	...	...	...	...
Caraga	1,263,673,125.1	1.1	395,521,114.1	1.1	...	...	...	...

Source: Mines and Geosciences Bureau

Table 2.1.2
NON-METALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES
as of 2017
(In metric tons)

Region	Aggregates		Asbestos		Bentonite	
	Resource	Reserve	Resource	Reserve	Resource	Reserve
Philippines	**1,312,199,098.2**	**69,772,068.1**	**5,000.0**	**...**	**1,499,198.5**	**356,874.0**
CAR	20,590,367.0	...	...	...	...	...
I	...	...	...	...	356,874.0	356,874.0
II	...	...	...	...	...	...
III	14,231,908.0	...	...	...	...	...
IV-A	1,152,541,697.4	69,772,068.1	...	...	...	...
IV-B	...	...	...	...	...	...
V	19,629,520.0	...	...	...	320,000.0	...
VI	1,282,120.0	...	...	...	...	...
VII	68,992,695.8	...	...	...	13,500.0	...
VIII	27,600.0	...	...	...	565,370.0	...
IX	...	...	5,000.0	...	...	...
X	4,660,800.0	...	...	...	209,574.5	...
XI	908,190.0	...	...	...	33,880.0	...
XII	...	...	...	...	...	...
Caraga	29,334,200.0	...	...	...	...	...

Notes:

… no available data

Based on the 2017 inventory and other data gathered up to June 2018

Data used are mixed resources and reserves. This inventory is NOT exclusively Reserves nor Resources.

Table 2.1.2 *(continued)*

Clay		Diatomaceous Earth		Feldspar		Guano	
Resource	Reserve	Resource	Reserve	Resource	Reserve	Resource	Reserve
280,994,008.3	**73,112,648.0**	**910,600.0**	**...**	**21,600,280.0**	**...**	**500.0**	**...**
...	...	...	...	...	...	...	...
7,387,565.0	...	...	...	21,100,280.0	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
966,300.0	...	...	...	...	...	...	...
108,320.0	...	...	...	500,000.0	...	...	...
257,542,100.0	73,112,648.0	758,600.0	...	...	...	...	...
8,369,300.0	...	...	...	...	...	500.0	...
3,645,923.3	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
1,000.0	...	...	...	...	...	...	...
138,300.0	...	152,000.0	...	...	...	...	...
830,000.0	...	...	...	...	...	...	...
2,005,200.0	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

Table 2.1.2 *(continued)*
NON-METALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES *(continued)*
as of 2017
(In metric tons)

Region	Gypsum		ISAG		Limestone	
	Resource	Reserve	Resource	Reserve	Resource	Reserve
Philippines	**358,900.0**	**...**	**4,013,464.6**	**...**	**55,200,572,482.9**	**154,521,271.2**
CAR	...	...	466,347.1	...	184,784,937.5	...
I	...	...	...	...	569,635,113.0	3,990,000.0
II	...	...	...	...	...	...
III	...	...	3,025,549.4	...	2,262,516,553.4	...
IV-A	347,900.0	...	...	...	3,826,529,359.0	...
IV-B	...	...	...	...	1,766,820,270.0	...
V	11,000.0	...	...	...	2,122,387,128.0	78,842,889.0
VI	...	...	...	...	1,666,884,190.0	...
VII	...	...	...	...	6,815,451,135.5	...
VIII	...	...	521,568.1	...	34,106,010,000.0	...
IX	...	...	...	...	...	...
X	...	...	...	...	1,480,311,390.5	71,688,382.2
XI	...	...	...	...	202,287,610.0	...
XII	...	...	...	...	10,002,433.0	...
Caraga	...	...	...	...	186,952,363.0	...

Table 2.1.2 *(continued)*

Magnesite		Marbleized Limestone		MgO		Perlite	
Resource	Reserve	Resource	Reserve	Resource	Reserve	Resource	Reserve
79,072,940.0	**...**	**1,061,495,540.0**	**...**	**1,120,000,000.0**	**...**	**8,040,237.8**	**...**
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	8,551,250.0	...	...	...	...	...
...	...	479,200,610.0	...	...	...	...	...
...	...	16,442,310.0	...	...	...	8,040,237.8	...
...	...	...	...	...	...	...	...
...	...	184,539,570.0	...	...	...	...	...
...	...	283,760,800.0	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
79,072,940.0	...	89,001,000.0	...	...	...	...	...
...	...	...	...	1,120,000,000.0	...	...	...
...	...	...	...	...	...	...	...

Table 2.1.2 *(continued)*
NON-METALLIC MINERALS RESOURCE/RESERVE INVENTORY OF THE PHILIPPINES *(continued)*
as of 2017
(In metric tons)

Region	Pozzolan		Rock Phosphate		Shale	
	Resource	Reserve	Resource	Reserve	Resource	Reserve
Philippines	**496,500.0**	**...**	**171,500.0**	**...**	**1,680,564,097.9**	**32,878,129.3**
CAR	...	...	...	...	27,300,000.0	...
I	...	...	...	...	287,700,329.0	...
II	...	...	...	...	...	...
III	...	...	...	...	104,156,229.5	...
IV-A	...	...	...	...	268,834,280.0	...
IV-B	...	...	...	...	...	...
V	...	...	...	...	...	...
VI	...	...	171,500.0	...	7,000,000.0	...
VII	496,500.0	...	...	...	643,885,000.0	...
VIII	...	...	...	...	...	...
IX	...	...	...	...	...	...
X	...	...	...	...	311,516,145.3	32,878,129.3
XI	...	...	...	...	10,172,114.0	...
XII	...	...	...	...	...	...
Caraga	...	...	...	...	20,000,000.0	...

Table 2.1.2 *(concluded)*

Silica		Sulfur		Talc		Zeolite	
Resource	Reserve	Resource	Reserve	Resource	Reserve	Resource	Reserve
1,434,571,073.4	**...**	**40,055,864.0**	**...**	**254,400.0**	**...**	**643,219.0**	**643,219.0**
4,432,760.4	...	...	...	...	...	...	...
11,055,572.0	...	...	...	...	...	643,219.0	643,219.0
...	...	...	...	...	...	...	...
6,435,000.0	...	...	...	...	...	...	...
522,535,047.0	...	...	...	...	...	...	...
160,243,070.0	...	80,000.0	...	254,400.0	...	...	...
8,229,031.0	...	22,998,500.0	...	...	...	...	...
44,173,040.0	...	1,557,000.0	...	...	...	...	...
590,573,397.0	...	10,372,300.0	...	...	...	...	...
...	...	...	...	...	...	...	...
6,500,000.0	...	125,064.0	...	...	...	...	...
1,051,990.0	...	...	...	...	...	...	...
5,840,520.0	...	...	...	...	...	...	...
...	...	4,923,000.0	...	...	...	...	...
73,501,646.0	...	...	...	...	...	...	...

Source: Mines and Geosciences Bureau

Table 2.2
MINERAL PRODUCTION BY MINERAL
2008 to 2017

Mineral/Mineral Product	Unit Used	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Metallics											
Gold	kg	35.7	37.1	40.9	31.1	15.8	17.2	18.4	21.3	23.1	22.7
Silver	kg	14.2	33.8	41.0	45.5	67.5	40.0	23.0	29.8	35.2	31.8
Copper Concentrate	DMT	92.8	203.4	236.8	254.0	268.1	376.1	349.3	337.2	335.7	280.4
Nickel Mixed Sulfides	DMT	18.5	30.3	33.5	38.8	41.4	45.6	87.3	89.5	83.8	87.6
Nickel Direct Shipping Ore	DMT	5,459.1	8,283.1	13,172.5	20,683.1	25,134.0	25,225.4	33,601.4	32,567.0	24,951.0	23,350.9
Zinc Concentrate	DMT	3.6	21.7	19.8	37.4	40.2	37.3				
Metallurgical Chromite Concentrate	DMT	13.6	14.3	14.8	25.5	36.6	26.2	47.1	15.5	25.7	20.9
Iron Ore	DMT				126.2	216.2	1,056.7	153.8	107.1	6.5	
Non-metallics											
Cement	bags	378,214.6	371,628.7	398,075.9	476,813.2	571,376.7	297,629.6	363,407.0	335,441.5	304,770.7	354,356.9
Silica	MT	172.3	185.1	199.2	230.2	260.0	285.7	142.8	54.5	406.6	345.8
Sand and Gravel	cu.m.	46,659.1	46,602.1	49,009.5	58,814.6	66,663.6	13,024.5	13,161.0	11,775.8	12,126.7	16,684.3
Cement Raw Materials											
Limestone for cement manufacturing	MT	30,072.3	31,667.6	34,112.2	40,862.6	51,739.0	47,057.6	50,817.1	66,547.4	67,092.3	69,368.2
Shale	MT	1,704.6	1,807.6	1,925.0	2,462.2	2,981.2	1,780.0	1,893.9	2,819.3	2,850.7	2,224.6
Silica Sand	MT	269.5	283.6	295.8	351.6	361.3	4.0	229.7	77.4	124.3	160.8

Note: Details may not add up to totals because of rounding off.
Source: Mines and Geosciences Bureau

Table 2.3.1
ENERGY BALANCE TABLE
2008
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	1,905.0	3,192.4	585.3	129.7	2,450.2	9,219.9	0.1
Imports (+)	4,791.3	-	-	9,282.6	-	-	-
Exports (-)	(471.6)	-	(585.3)	(67.7)	-	-	-
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	(4,458.4)	(3,079.5)	-	-	(2,450.2)	(9,219.9)	(0.1)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(42.8)	-	(310.1)	-	-	-
Net Domestic Supply	**1,897.8**	**70.1**	**-**	**(30.9)**	**-**	**-**	**-**
Statistical Difference	-	(0.0)	-	(30.9)	-	-	-
% 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 2.3.2
ENERGY BALANCE TABLE
2009
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	2,473.9	3,214.7	569.7	392.5	2,436.5	8,876.9	0.1
Imports (+)	3,708.7	-	-	6,728.2	-	-	-
Exports (-)	(1,052.4)	-	(569.7)	(119.3)	-	-	-
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	(4,442.2)	(3,096.7)	-	-	(2,436.5)	(8,876.9)	(0.1)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(47.9)	-	(277.9)	-	-	-
Net Domestic Supply	**1,624.3**	**70.1**	**-**	**204.0**	**-**	**-**	**-**
Statistical Difference	-	0.0	-	204.0	-	-	-
% 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 2.3.1 ***(continued)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	**Biomass**	**Biodiesel**	**BioEthanol**	**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)
-	-	(1.3)	31.6	586.5	-	401.0
5.3	**6,315.5**	**52.5**	**39.2**	**3,828.4**	**-**	**40,457.1**
-	-	-	-	8,528.9	-	(189.3)
(5.3)	-	(2.0)	-	(1,009.5)	5,229.7	(14,995.3)
-	-	-	-	-	(660.4)	(660.4)
-	-	-	-	-	(338.3)	(691.1)
-	**6,315.5**	**50.5**	**39.2**	**11,347.8**	**4,231.0**	**23,921.0**
-	-	-	(0.0)	650.1	0.1	619.3
						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 2.3.2 ***(continued)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	**Biomass**	**Biodiesel**	**BioEthanol**	**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)
(5.5)	(4.0)	(5.2)	-	(1,177.9)	5,325.4	(14,719.7)
-	-	-	-	-	(648.5)	(648.5)
-	-	-	-	-	(303.0)	(628.9)
-	**6,491.6**	**107.8**	**45.0**	**10,771.4**	**4,373.8**	**23,688.1**
-	-	0.0	0.0	(441.7)	(0.0)	(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 2.3.3
ENERGY BALANCE TABLE
2010
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	3,510.1	3,027.9	511.0	404.6	1,942.6	8,537.5	0.1
Imports (+)	5,787.8	-	-	8,950.9	-	-	-
Exports (-)	(2,163.4)	-	(511.0)	(351.1)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-	-
Stock Change (+/-)	(103.8)	-	-	(118.8)	-	-	-
Total Primary Energy Supply	**7,030.7**	**3,027.9**	**-**	**8,885.5**	**1,942.6**	**8,537.5**	**0.1**
Refinery (Crude Run)	-	-	-	(8,549.8)	-	-	-
Power Generation	(5,089.6)	(2,898.3)	-	-	(1,942.6)	(8,537.5)	(0.1)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(60.0)	-	(308.4)	-	-	-
Net Domestic Supply	**1,941.1**	**69.7**	**-**	**27.4**	**-**	**-**	**-**
Statistical Difference	-	(0.0)	-	27.4	-	-	-
% 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 2.3.4
ENERGY BALANCE TABLE
2011
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	3,647.9	3,269.2	529.5	312.6	2,414.1	8,548.9	0.1
Imports (+)	5,786.0	-	-	9,334.9	-	-	-
Exports (-)	(1,444.3)	-	(529.5)	(328.8)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-	-
Stock Change (+/-)	(263.4)	-	-	(115.2)	-	-	-
Total Primary Energy Supply	**7,726.3**	**3,269.2**	**-**	**9,203.4**	**2,414.1**	**8,548.9**	**0.1**
Refinery (Crude Run)	-	-	-	(9,055.2)	-	-	-
Power Generation	(5,785.3)	(3,102.8)	-	-	(2,414.1)	(8,548.9)	(0.1)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(88.7)	-	(257.1)	-	-	-
Net Domestic Supply	**1,941.0**	**77.7**	**-**	**(108.9)**	**-**	**-**	**-**
Statistical Difference	-	(0.0)	-	(108.9)	-	-	-
% 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 2.3.3 *(continued)*

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	BioEthanol	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)	-	(257.4)
5.3	**6,679.0**	**116.7**	**97.6**	**4,723.4**	**-**	**41,046.4**
-	-	-	-	8,281.5	-	(268.3)
(5.3)	(9.2)	(6.5)	-	(1,479.9)	5,824.8	(14,144.3)
-	-	-	-	-	(670.7)	(670.7)
-	-	-	-	-	(402.1)	(770.5)
-	**6,669.8**	**110.2**	**97.6**	**11,524.9**	**4,752.0**	**25,192.7**
-	-	0.0	0.0	73.1	(0.0)	100.4
						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 2.3.4 *(continued)*

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	BioEthanol	Oil products	Electricity	
7.6	6,873.5	100.7	1.6	-	-	25,705.6
-	-	-	122.3	5,792.7	-	21,035.9
-	-	-	-	(1,091.8)	-	(3,394.4)
-	-	-	-	(212.2)	-	(212.2)
-	-	-	-	(1,070.7)	-	(1,070.7)
-	-	14.8	(15.8)	166.0	-	(213.5)
7.6	**6,873.5**	**115.6**	**108.1**	**3,584.0**	**-**	**41,850.7**
-	-	-	-	8,766.8	-	(288.4)
(7.6)	(40.7)	(1.4)	-	(795.3)	5,948.0	(14,748.2)
-	-	-	-	-	(660.3)	(660.3)
-	-	-	-	-	(464.2)	(810.0)
-	**6,832.8**	**114.1**	**108.1**	**11,555.6**	**4,823.5**	**25,343.9**
-	-	(0.0)	0.0	270.6	(0.0)	161.7
						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 2.3.5
ENERGY BALANCE TABLE
2012
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	3,874.0	3,134.0	479.6	220.1	2,552.2	8,813.4	0.1
Imports (+)	6,278.4	-	-	8,542.8	-	-	-
Exports (-)	(1,674.6)	-	(479.6)	(188.3)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-	-
Stock Change (+/-)	(393.3)	-	-	108.2	-	-	-
Total Primary Energy Supply	**8,084.5**	**3,134.0**	**-**	**8,682.7**	**2,552.2**	**8,813.4**	**0.1**
Refinery (Crude Run)	-	-	-	(8,103.3)	-	-	-
Power Generation	(6,300.5)	(2,972.2)	-	-	(2,552.2)	(8,813.4)	(0.1)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(103.0)	-	(282.0)	-	-	-
Net Domestic Supply	**1,784.0**	**58.8**	**-**	**297.4**	**-**	**-**	**-**
Statistical Difference	-	0.0	-	297.4	-	-	-
% 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 2.3.6
ENERGY BALANCE TABLE
2013
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	3,747.4	2,886.7	426.3	253.2	2,494.2	8,258.5	0.1
Imports (+)	7,608.0	-	-	7,551.4	-	-	-
Exports (-)	(1,795.2)	-	(426.3)	(186.6)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-	-
Stock Change (+/-)	442.4	-	-	(50.7)	-	-	-
Total Primary Energy Supply	**10,002.6**	**2,886.7**	**-**	**7,567.3**	**2,494.2**	**8,258.5**	**0.1**
Refinery (Crude Run)	-	-	-	(7,532.7)	-	-	-
Power Generation	(7,806.5)	(2,714.4)	-	-	(2,494.2)	(8,258.5)	(0.1)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(109.3)	-	(223.7)	-	-	-
Net Domestic Supply	**2,196.2**	**62.9**	**-**	**(189.2)**	**-**	**-**	**-**
Statistical Difference	-	0.0	-	(189.2)	-	-	-
% 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 2.3.5 *(continued)*

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	BioEthanol	Oil products	Electricity	
6.5	7,034.6	112.6	21.3	-	-	26,248.5
-	-	-	139.7	6,885.4	-	21,846.3
-	-	-	-	(626.2)	-	(2,968.7)
-	-	-	-	(181.0)	-	(181.0)
-	-	-	-	(1,081.9)	-	(1,081.9)
-	-	8.3	10.9	(73.6)	-	(339.6)
6.5	**7,034.6**	**120.9**	**171.9**	**4,922.7**	**-**	**43,523.6**
-	-	-	-	7,837.4	-	(265.9)
(6.5)	(67.8)	(3.8)	-	(970.6)	6,270.2	(15,416.9)
-	-	-	-	-	(718.9)	(718.9)
-	-	-	-	-	(460.1)	(845.2)
-	**6,966.8**	**117.1**	**171.9**	**11,789.5**	**5,091.2**	**26,276.8**
-	-	0.0	0.0	205.4	(0.0)	502.7
						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 2.3.6 *(continued)*

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	BioEthanol	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)
-	-	3.6	8.3	222.2	-	625.8
5.6	**7,236.7**	**128.5**	**221.8**	**6,187.1**	**-**	**44,989.2**
-	-	-	-	7,285.3	-	(247.4)
(5.6)	(76.9)	(4.9)	-	(1,075.5)	6,471.7	(15,964.9)
-	-	-	-	-	(665.6)	(665.6)
-	-	-	-	-	(512.4)	(845.5)
-	**7,159.8**	**123.7**	**221.8**	**12,396.9**	**5,293.7**	**27,265.7**
-	-	(0.0)	0.0	155.4	(0.0)	(33.8)
						(0.1)
-	**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
						56.6

Table 2.3.7
ENERGY BALANCE TABLE
2014
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	4,011.9	3,035.9	435.6	413.8	2,274.6	8,863.4	1.4
Imports (+)	8,013.1	-	-	8,717.5	-	-	-
Exports (-)	(3,043.8)	-	(435.6)	(380.8)	-	-	-
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	(8,227.1)	(2,848.5)	-	-	(2,274.6)	(8,863.4)	(1.4)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(110.4)	-	(278.4)	-	-	-
Net Domestic Supply	**2,415.1**	**77.0**	**-**	**(37.3)**	**-**	**-**	**-**
Statistical Difference	-	0.0	-	-	-	-	-
% 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 2.3.8
ENERGY BALANCE TABLE
2015
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	3,893.9	2,854.0	391.1	323.9	2,157.1	9,495.9	11.9
Imports (+)	9,119.8	-	-	10,471.3	-	-	-
Exports (-)	(1,639.1)	-	(391.1)	(328.1)	-	-	-
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	(9,264.9)	(2,696.7)	-	-	(2,157.1)	(9,495.9)	(11.9)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(107.5)	-	(232.0)	-	-	-
Net Domestic Supply	**2,350.1**	**49.8**	**-**	**18.2**	**-**	**-**	**-**
Statistical Difference	-	(0.0)	-	-	-	-	-
% 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 2.3.7 ***(continued)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	BioEthanol	Oil products	Electricity	
13.1	7,356.3	133.7	66.5	-	-	26,606.2
-	-	-	196.7	8,837.1	-	25,764.4
-	-	-	-	(670.6)	-	(4,530.8)
-	-	-	-	(89.4)	-	(89.4)
-	-	-	-	(1,040.1)	-	(1,040.1)
-	-	3.0	(17.4)	(827.7)	-	279.4
13.1	**7,356.3**	**136.6**	**245.7**	**6,209.3**	**-**	**46,989.6**
-	-	-	-	7,720.5	-	(249.5)
(13.1)	(70.0)	(6.8)	-	(1,378.0)	6,643.2	(17,039.7)
-	-	-	-	-	(625.1)	(625.1)
-	-	-	-	-	(571.4)	(960.3)
-	**7,286.3**	**129.8**	**245.7**	**12,551.8**	**5,446.7**	**28,115.0**
-	-	(0.0)	(0.0)	(353.2)	(0.0)	(390.5)
						(1.4)
-	**7,286.3**	**129.8**	**245.7**	**12,905.0**	**5,446.7**	**28,505.5**
-	1,131.1	11.2	-	1,206.3	1,842.5	6,528.9
-	-	95.6	245.7	8,781.9	9.5	9,132.8
-	5,823.3	-	-	862.1	1,803.0	8,488.4
-	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
						56.6

Table 2.3.8 ***(continued)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	BioEthanol	Oil products	Electricity	
64.4	7,430.8	164.3	94.1	-	-	26,881.3
-	-	-	169.2	9,899.6	-	29,659.8
-	-	-	-	(1,320.3)	-	(3,678.5)
-	-	-	-	(27.1)	-	(27.1)
-	-	-	-	(1,215.6)	-	(1,215.6)
-	-	(11.8)	18.2	(556.4)	-	(345.5)
64.4	**7,430.8**	**152.5**	**281.5**	**6,780.2**	**-**	**51,274.4**
-	-	-	-	9,672.2	-	(508.8)
(64.4)	(139.8)	(5.9)	-	(1,413.2)	7,086.3	(18,163.6)
-	-	-	-	-	(643.3)	(643.3)
-	-	-	-	-	(612.6)	(952.1)
-	**7,290.9**	**146.6**	**281.5**	**15,039.2**	**5,830.4**	**31,006.6**
-	-	(0.0)	(0.0)	0.5	(0.0)	18.8
						0.1
-	**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
						52.4

Table 2.3.9
ENERGY BALANCE TABLE
2016
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	5,917.3	3,269.9	431.8	270.6	2,019.1	9,518.8	94.3
Imports (+)	10,571.7	-	-	10,568.9	-	-	-
Exports (-)	(3,607.3)	-	(431.8)	(242.5)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-	-
Stock Change (+/-)	204.7	-	-	(217.3)	-	-	-
Total Primary Energy Supply	**13,086.4**	**3,269.9**	**-**	**10,379.6**	**2,019.1**	**9,518.8**	**94.3**
Refinery (Crude Run)	-	-	-	(10,498.4)	-	-	-
Power Generation	(10,232.0)	(3,082.4)	-	-	(2,019.1)	(9,518.8)	(94.3)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(122.6)	-	(121.3)	-	-	-
Net Domestic Supply	**2,854.4**	**64.8**	**-**	**(240.1)**	**-**	**-**	**-**
Statistical Difference	-	0.0	-	-	-	-	-
% Statistical Difference							
Total Final Energy Consumption	**2,854.4**	**64.8**	**-**	**-**	**-**	**-**	**-**
Industry	2,677.0	64.8	-	-	-	-	-
Transport	-	-	-	-	-	-	-
Residential	-	-	-	-	-	-	-
Commercial	-	-	-	-	-	-	-
Agri., Fishery & Forestry	-	-	-	-	-	-	-
Others, Non-Energy Use	177.4	-	-	-	-	-	-
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
2017
(In thousand tons of oil equivalent (kTOE))

	Primary energy sources						
	Non-renewable energy sources				Renewable energy sources		
	Coal	Natural gas	Condensate	Crude oil	Hydro	Geothermal	Solar
Indigenous	6,297.9	3,225.6	408.6	213.2	2,392.5	8,830.7	103.3
Imports (+)	11,752.9	-	-	10,343.8	-	-	-
Exports (-)	(3,257.8)	-	(408.6)	(189.3)	-	-	-
International Marine Bunkers (-)	-	-	-	-	-	-	-
International Civil Aviation (-)	-	-	-	-	-	-	-
Stock Change (+/-)	681.9	-	-	234.9	-	-	-
Total Primary Energy Supply	**15,474.9**	**3,225.6**	**-**	**10,602.6**	**2,392.5**	**8,830.7**	**103.3**
Refinery (Crude Run)	-	-	-	(10,211.9)	-	-	-
Power Generation	(12,311.9)	(3,080.2)	-	-	(2,392.5)	(8,830.7)	(103.3)
Transmission/Dist. Loss (-)	-	-	-	-	-	-	-
Energy Sector Use & Loss (-)	-	(92.8)	-	(162.8)	-	-	-
Net Domestic Supply	**3,163.0**	**52.5**	**-**	**228.0**	**-**	**-**	**-**
Statistical Difference	-	0.0	-	-	-	-	-
% Statistical Difference							
Total Final Energy Consumption	**3,163.0**	**52.5**	**-**	**-**	**-**	**-**	**-**
Industry	3,008.0	52.5	-	-	-	-	-
Transport	-	-	-	-	-	-	-
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 2.3.9 ***(continued)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	BioEthanol	Oil products	Electricity	
83.9	7,494.0	178.3	126.8	-	-	29,404.8
-	-	-	145.1	10,885.1	-	32,170.7
-	-	-	-	(1,244.7)	-	(5,526.2)
-	-	-	-	(49.8)	-	(49.8)
-	-	-	-	(1,295.6)	-	(1,295.6)
-	-	(10.5)	37.1	(127.8)	-	(113.8)
83.9	**7,494.0**	**167.8**	**308.9**	**8,167.2**	**-**	**54,590.1**
-	-	-	-	9,942.6	-	(555.8)
(83.9)	(281.9)	(9.4)	-	(1,230.5)	7,807.2	(18,745.2)
-	-	-	-	-	(712.5)	(712.5)
-	-	-	-	-	(718.6)	(962.6)
-	**7,212.0**	**158.4**	**308.9**	**16,879.3**	**6,376.1**	**33,614.0**
-	-	-	-	323.7	(0.0)	83.6
						0.2
-	**7,212.0**	**158.4**	**308.9**	**16,555.6**	**6,376.1**	**33,530.3**
-	1,163.5	12.7	-	1,457.5	2,073.8	7,449.4
-	-	121.0	308.9	10,986.1	8.8	11,424.9
-	5,708.6	-	-	1,122.4	2,203.9	9,034.9
-	339.9	20.6	-	1,632.3	1,871.9	3,864.8
-	-	4.1	-	228.6	217.7	450.4
-	-	-	-	1,128.6	-	1,305.9
						53.9

Table 2.3.10 ***(continued)***

Primary energy sources				Secondary energy sources		Total
Renewable energy sources						
Wind	Biomass	Biodiesel	BioEthanol	Oil products	Electricity	
94.0	7,650.9	166.7	131.3	-	-	29,514.7
-	-	-	154.0	12,324.1	-	34,574.8
-	-	-	-	(1,419.8)	-	(5,275.5)
-	-	-	-	(96.3)	-	(96.3)
-	-	-	-	(1,580.0)	-	(1,580.0)
-	-	12.2	45.3	(177.8)	-	796.5
94.0	**7,650.9**	**178.8**	**330.6**	**9,050.2**	**-**	**57,934.2**
-	-	-	-	9,690.5	-	(521.4)
(94.0)	(393.9)	(7.8)	-	(968.7)	8,114.4	(20,068.7)
-	-	-	-	-	(710.4)	(710.4)
-	-	-	-	-	(715.0)	(970.6)
-	**7,257.0**	**171.1**	**330.6**	**17,772.0**	**6,689.0**	**35,663.2**
-	-	1.2	(8.6)	(31.7)	(0.0)	188.8
						0.5
-	**7,257.0**	**169.9**	**339.3**	**17,803.7**	**6,689.0**	**35,474.4**
-	1,181.0	14.6	-	1,486.1	2,198.9	7,941.1
-	-	122.4	339.3	11,336.0	9.6	11,807.3
-	5,731.0	-	-	1,158.6	2,302.8	9,192.5
-	345.0	27.6	-	2,074.2	1,957.7	4,404.5
-	-	5.3	-	290.3	219.9	515.6
-	-	-	-	1,458.4	-	1,613.4
						50.9

Table 2.4.1
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM
2008
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)	
				WET	DRY
PHILIPPINES		**1,189,465**	**1,077,534**	**864,584**	**841,332**
	National Irrigation System	729,459	650,664	547,383	541,651
	Communal Irrigation System	460,006	426,870	317,201	299,681
CAR		56,111	56,111	39,039	41,485
	National Irrigation System	22,622	22,622	14,115	14,559
	Communal Irrigation System	33,489	33,489	24,924	26,926
ILOCOS REGION		97,045	80,448	58,743	43,776
	National Irrigation System	55,872	45,807	30,912	23,185
	Communal Irrigation System	41,173	34,641	27,831	20,591
CAGAYAN VALLEY REGION		134,133	132,179	94,580	101,441
	National Irrigation System	47,942	45,988	30,043	37,506
	Communal Irrigation System	86,191	86,191	64,537	63,935
MRIIS		88,370	84,795	77,560	76,663
	National Irrigation System	88,370	84,795	77,560	76,663
	Communal Irrigation System	-	-	-	-
CENTRAL LUZON		119,617	108,764	74,608	69,312
	National Irrigation System	71,505	60,652	37,194	42,817
	Communal Irrigation System	48,112	48,112	37,414	26,495
UPRIIS		118,338	101,896	100,783	90,475
	National Irrigation System	118,338	101,896	100,783	90,475
	Communal Irrigation System	-	-	-	-
SOUTHERN TAGALOG		91,025	74,845	52,165	45,349
	National Irrigation System	52,410	39,176	30,970	26,003
	Communal Irrigation System	38,615	35,669	21,195	19,346
BICOL REGION		54,995	52,322	36,708	39,922
	National Irrigation System	20,487	18,202	14,514	16,768
	Communal Irrigation System	34,508	34,120	22,194	23,154
WESTERN VISAYAS		71,027	67,733	68,689	54,595
	National Irrigation System	52,216	48,860	51,385	38,517
	Communal Irrigation System	18,811	18,873	17,304	16,078
CENTRAL VISAYAS		27,167	22,669	18,231	22,079
	National Irrigation System	5,726	5,726	4,229	6,490
	Communal Irrigation System	21,441	16,943	14,002	15,589
EASTERN VISAYAS		46,425	45,417	30,836	29,393
	National Irrigation System	19,036	18,484	15,510	15,632
	Communal Irrigation System	27,389	26,933	15,326	13,761
ZAMBOANGA REGION		41,312	33,514	28,542	32,166
	National Irrigation System	15,162	13,422	12,765	15,022
	Communal Irrigation System	26,150	20,092	15,777	17,144
NORTHERN MINDANAO		49,523	37,570	29,835	37,393
	National Irrigation System	28,911	22,817	18,941	23,765
	Communal Irrigation System	20,612	14,753	10,894	13,628
DAVAO REGION		47,181	44,655	41,502	41,093
	National Irrigation System	32,161	30,107	29,665	29,340
	Communal Irrigation System	15,020	14,548	11,837	11,753
SOCCSKSARGEN		84,751	84,751	70,695	78,895
	National Irrigation System	59,084	59,084	50,484	59,504
	Communal Irrigation System	25,667	25,667	20,211	19,391
CARAGA		42,928	30,348	28,846	24,472
	National Irrigation System	26,012	19,421	19,705	16,187
	Communal Irrigation System	16,916	10,927	9,141	8,285
ARMM		19,517	19,517	13,222	12,823
	National Irrigation System	13,605	13,605	8,608	9,218
	Communal Irrigation System	5,912	5,912	4,614	3,605

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.4.2
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM
2009
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)		
				WET	DRY	QTA/3RD CROP
PHILIPPINES		**1,263,645**	**1,145,457**	**899,002**	**857,334**	**83,109**
	National Irrigation System	746,253	661,932	546,032	533,399	59,881
	Communal Irrigation System	517,392	483,525	352,970	314,495	23,228
CAR		59,479	59,479	43,874	43,029	1,684
	National Irrigation System	22,622	22,622	15,281	14,524	144
	Communal Irrigation System	36,857	36,857	28,593	28,505	1,540
ILOCOS REGION		97,140	81,889	61,713	44,693	2,078
	National Irrigation System	55,967	45,824	31,753	25,628	538
	Communal Irrigation System	41,173	36,065	29,960	19,065	1,540
CAGAYAN VALLEY		162,870	157,093	115,725	121,734	406
	National Irrigation System	52,589	46,812	31,021	38,156	406
	Communal Irrigation System	110,281	110,281	84,704	83,578	-
MRIIS		88,370	84,795	78,080	77,936	16,351
	National Irrigation System	88,370	84,795	78,080	77,936	16,351
	Communal Irrigation System	-	-			
CENTRAL LUZON		135,692	124,739	90,319	75,697	5,040
	National Irrigation System	72,665	61,712	44,818	43,622	4,590
	Communal Irrigation System	63,027	63,027	45,501	32,075	450
UPRIIS		120,221	106,922	98,760	99,375	17,378
	National Irrigation System	120,221	106,922	98,760	99,375	17,378
	Communal Irrigation System	-	-	-	-	-
SOUTHERN TAGALOG		93,654	77,073	53,130	46,491	230
	National Irrigation System	53,146	39,175	30,735	27,251	230
	Communal Irrigation System	40,508	37,898	22,395	19,240	-
BICOL REGION		56,187	52,476	38,262	37,110	6,663
	National Irrigation System	20,530	18,245	15,208	16,052	3,390
	Communal Irrigation System	35,657	34,231	23,054	21,058	3,273
WESTERN VISAYAS		71,863	68,507	56,211	46,869	8,899
	National Irrigation System	52,216	48,860	42,704	34,989	4,970
	Communal Irrigation System	19,647	19,647	13,507	11,880	3,929
CENTRAL LUZON		33,453	31,625	20,286	18,724	-
	National Irrigation System	10,040	8,840	5,629	5,811	-
	Communal Irrigation System	23,413	22,785	14,657	12,913	-
EASTERN VISAYAS		48,041	45,889	31,792	30,522	65
	National Irrigation System	19,104	18,504	15,541	15,845	65
	Communal Irrigation System	28,937	27,385	16,251	14,677	-
ZAMBOANGA REGION		42,036	34,664	29,653	27,893	3,222
	National Irrigation System	15,162	13,781	13,253	12,691	1,000
	Communal Irrigation System	26,874	20,883	16,400	15,202	2,222
NORTHERN MINDANAO		50,050	37,626	30,530	30,274	6,571
	National Irrigation System	28,911	22,817	19,170	19,252	4,450
	Communal Irrigation System	21,139	14,809	11,360	11,022	2,121
DAVAO REGION		54,986	48,926	43,013	42,730	6,086
	National Irrigation System	33,971	30,882	29,557	29,364	1,225
	Communal Irrigation System	21,015	18,044	13,456	13,366	4,861
SOCCSKSARGEN		85,151	83,889	71,742	70,469	5,205
	National Irrigation System	59,115	59,115	51,980	50,575	2,949
	Communal Irrigation System	26,036	24,774	19,762	19,894	2,256
CARAGA		44,935	30,348	24,282	23,801	2,887
	National Irrigation System	28,019	19,421	15,460	15,619	1,925
	Communal Irrigation System	16,916	10,927	8,822	8,182	962
ARMM		19,517	19,517	11,630	10,547	549
	National Irrigation System	13,605	13,605	7,082	6,709	270
	Communal Irrigation System	5,912	5,912	4,548	3,838	279

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.4.3
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM
2010
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)		
				WET	DRY	QTA/3RD CROP
PHILIPPINES		**1,276,524**	**1,146,085**	**914,417**	**860,430**	**41,824**
	National Irrigation System	755,737	669,575	546,365	529,811	31,969
	Communal Irrigation System	520,787	476,511	368,052	330,618	9,855
CAR		59,666	59,666	43,423	43,718	1,630
	National Irrigation System	22,622	22,622	15,106	15,008	30
	Communal Irrigation System	37,044	37,044	28,317	28,710	1,600
ILOCOS REGION		97,140	82,100	62,042	41,026	134
	National Irrigation System	55,967	45,824	32,785	25,131	134
	Communal Irrigation System	41,173	36,276	29,257	15,895	-
CAGAYAN VALLEY REGION		165,938	160,902	119,373	124,984	-
	National Irrigation System	53,771	48,735	31,617	38,987	-
	Communal Irrigation System	112,167	112,167	87,756	85,997	-
MRIIS		88,370	84,795	78,769	77,606	-
	National Irrigation System	88,370	84,795	78,769	77,606	-
	Communal Irrigation System	-	-	-	-	-
CENTRAL LUZON		136,278	124,739	91,647	83,339	2,826
	National Irrigation System	73,251	61,712	43,413	45,049	646
	Communal Irrigation System	63,027	63,027	48,234	38,290	2,180
UPRIIS		120,221	109,551	99,132	102,905	21,640
	National Irrigation System	120,221	109,551	99,132	102,905	21,640
	Communal Irrigation System	-	-	-	-	-
SOUTHERN LUZON		98,798	69,862	53,630	46,617	-
	National Irrigation System	56,951	39,175	29,381	24,626	-
	Communal Irrigation System	41,847	30,687	24,249	21,991	-
BICOL REGION		60,120	52,801	40,703	39,209	2,437
	National Irrigation System	22,573	20,288	16,719	16,435	-
	Communal Irrigation System	37,547	32,513	23,984	22,774	2,437
WESTERN VISAYAS		71,863	68,507	52,231	41,162	1,240
	National Irrigation System	52,216	48,860	38,985	29,668	1,240
	Communal Irrigation System	19,647	19,647	13,246	11,494	-
CENTRAL VISAYAS		33,833	27,507	21,533	20,550	612
	National Irrigation System	10,040	7,753	6,234	6,586	-
	Communal Irrigation System	23,793	19,754	15,299	13,964	612
EASTERN VISAYAS		48,859	44,721	34,447	32,992	-
	National Irrigation System	19,144	18,544	16,195	15,528	-
	Communal Irrigation System	29,715	26,177	18,252	17,464	-
ZAMBOANGA REGION		42,036	35,304	32,124	30,023	500
	National Irrigation System	15,162	13,844	13,286	12,807	-
	Communal Irrigation System	26,874	21,460	18,838	17,216	500
NORTHERN MINDANAO		46,483	35,120	31,031	30,687	5,057
	National Irrigation System	26,411	20,317	19,116	19,132	2,531
	Communal Irrigation System	20,072	14,803	11,915	11,555	2,526
NORTHERN MINDANAO (ARMM)		5,260	5,260	-	-	-
	National Irrigation System	2,500	2,500	-	-	-
	Communal Irrigation System	2,760	2,760	-	-	-
DAVAO REGION		52,165	49,572	42,764	41,870	-
	National Irrigation System	33,971	31,378	29,766	28,872	-
	Communal Irrigation System	18,194	18,194	12,998	12,997	-
SOCCSKSARGEN		91,169	90,877	76,304	70,669	5,748
	National Irrigation System	59,460	59,168	50,129	46,795	5,748
	Communal Irrigation System	31,709	31,709	26,175	23,874	-
CARAGA		44,837	31,314	26,529	25,194	-
	National Irrigation System	29,619	21,021	16,997	16,797	-
	Communal Irrigation System	15,218	10,293	9,532	8,397	-
ARMM		13,488	13,488	8,736	7,878	-
	National Irrigation System	13,488	13,488	8,736	7,878	-
	Communal Irrigation System	-	-	-	-	-

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.4.4
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM
2011
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)		
				WET	DRY	QTA/3RD CROP
PHILIPPINES		**1,269,247**	**1,161,646**	**949,680**	**904,683**	**32,993**
	National Irrigation System	751,787	669,160	566,005	553,396	18,472
	Communal Irrigation System	517,459	492,485	383,675	351,287	14,521
CAR		59,962	59,962	44,615	44,912	2,469
	National Irrigation System	22,622	22,622	14,587	15,228	73
	Communal Irrigation System	37,340	37,340	30,028	29,684	2,396
ILOCOS REGION		97,140	82,326	62,452	45,415	1,474
	National Irrigation System	55,967	45,824	32,722	27,564	604
	Communal Irrigation System	41,173	36,502	29,730	17,851	870
CAGAYAN VALLEY REGION		165,938	159,016	124,396	131,923	-
	National Irrigation System	53,771	48,735	33,400	40,699	-
	Communal Irrigation System	112,167	110,281	90,996	91,224	-
MRIIS		88,370	84,795	80,192	79,048	-
	National Irrigation System	88,370	84,795	80,192	79,048	-
	Communal Irrigation System	-	-	-	-	-
CENTRAL LUZON		136,457	124,739	99,173	88,624	4,801
	National Irrigation System	73,251	61,712	47,903	46,507	2,971
	Communal Irrigation System	63,206	63,027	51,270	42,117	1,830
UPRIIS		120,221	109,551	102,761	104,096	2,707
	National Irrigation System	120,221	109,551	102,761	104,096	2,707
	Communal Irrigation System	-	-	-	-	-
CALABARZON		42,295	32,780	25,404	22,143	-
	National Irrigation System	28,561	20,449	15,278	13,378	-
	Communal Irrigation System	13,734	12,331	10,126	8,765	-
MIMAROPA		47,915	41,395	31,081	28,005	-
	National Irrigation System	24,585	18,726	15,688	13,950	-
	Communal Irrigation System	23,330	22,669	15,393	14,055	-
BICOL REGION		60,121	56,642	43,650	41,287	7,854
	National Irrigation System	22,573	20,288	17,464	16,948	2,286
	Communal Irrigation System	37,548	36,354	26,186	24,339	5,568
WESTERN VISAYAS		71,863	68,507	53,060	44,251	5,145
	National Irrigation System	52,216	48,860	39,907	32,757	3,653
	Communal Irrigation System	19,647	19,647	13,153	11,493	1,492
CENTRAL VISAYAS		33,466	27,900	24,044	23,037	-
	National Irrigation System	10,040	7,753	6,565	6,617	-
	Communal Irrigation System	23,426	20,147	17,479	16,420	-
EASTERN VISAYAS		49,197	46,934	35,934	35,393	-
	National Irrigation System	19,144	18,544	16,691	16,651	-
	Communal Irrigation System	30,053	28,390	19,243	18,742	-
ZAMBOANGA REGION		41,820	39,758	31,184	30,294	730
	National Irrigation System	15,162	13,844	13,436	12,974	-
	Communal Irrigation System	26,658	25,914	17,748	17,320	730
NORTHERN MINDANAO		46,483	38,620	31,208	31,225	3,681
	National Irrigation System	26,411	20,317	19,041	19,031	2,046
	Communal Irrigation System	20,072	18,303	12,167	12,194	1,635
DAVAO REGION		52,165	49,307	43,043	42,894	-
	National Irrigation System	33,971	31,263	30,061	29,781	-
	Communal Irrigation System	18,194	18,044	12,983	13,113	-
SOCCSKSARGEN		85,572	85,242	75,182	73,754	4,131
	National Irrigation System	59,498	59,168	52,232	51,769	4,131
	Communal Irrigation System	26,074	26,074	22,950	21,985	-
CARAGA		44,537	31,014	27,087	25,345	-
	National Irrigation System	29,319	20,721	17,544	17,240	-
	Communal Irrigation System	15,218	10,293	9,543	8,105	-
ARMM		25,725	23,158	15,215	13,038	-
	National Irrigation System	16,105	15,988	10,534	9,158	-
	Communal Irrigation System	9,620	7,170	4,680	3,880	-

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.4.5
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM
2012
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)		
				WET	DRY	QTA/3RD CROP
PHILIPPINES		**1,311,385**	**1,209,136**	**901,830**	**870,556**	**53,451**
	National Irrigation System	793,638	712,789	574,383	570,003	37,026
	Communal Irrigation System	517,747	496,347	327,447	300,553	16,425
CAR		65,785	62,084	51,322	49,100	5,738
	National Irrigation System	24,915	22,327	15,966	15,892	5
	Communal Irrigation System	40,870	39,757	35,356	33,208	5733
ILOCOS REGION		107,708	91,083	62,088	48,836	1,082
	National Irrigation System	57,892	43,694	33,614	30,217	905
	Communal Irrigation System	49,816	47,389	28,474	18,619	177
CAGAYAN VALLEY REGION		97,072	95,422	62,945	69,071	-
	National Irrigation System	52,849	51,564	36,411	41,055	-
	Communal Irrigation System	44,223	43,858	26,534	28,016	-
MRIIS		97,668	84,978	79,815	79,433	-
	National Irrigation System	97,668	84,978	79,815	79,433	-
	Communal Irrigation System	-	-	-	-	-
CENTRAL LUZON		140,784	127,846	96,600	90,701	7,767
	National Irrigation System	79,630	70,648	45,262	46,533	5,887
	Communal Irrigation System	61,154	57,198	51,338	44,168	1,880
UPRIIS		119,016	114,703	107,885	110,741	10,436
	National Irrigation System	119,016	114,703	107,885	110,741	10,436
	Communal Irrigation System			-	-	-
CALABARZON		46,325	37,148	26,216	23,997	1,601
	National Irrigation System	28,342	21,054	14,685	13,962	1139
	Communal Irrigation System	17,983	16,094	11,531	10,035	462
MIMAROPA		58,600	48,069	32,647	29,739	-
	National Irrigation System	27,677	18,938	15,600	13,818	-
	Communal Irrigation System	30,923	29,131	17,047	15,921	-
BICOL REGION		83,066	82,843	43,560	43,111	3,787
	National Irrigation System	22,933	22,930	17,485	17,314	1,095
	Communal Irrigation System	60,133	59,913	26,075	25,797	2,692
WESTERN VISAYAS		76,731	69,366	53,551	45,731	7,079
	National Irrigation System	53,444	46,752	40,275	33,786	5,221
	Communal Irrigation System	23,287	22,614	13,277	11,945	1,858
CENTRAL VISAYAS		34,910	30,552	26,975	24,980	425
	National Irrigation System	10,040	9,855	8,305	7,269	-
	Communal Irrigation System	24,870	20,697	18,670	17,711	425
EASTERN VISAYAS		51,081	50,790	36,732	34,991	-
	National Irrigation System	20,059	20,059	16,803	16,759	-
	Communal Irrigation System	31,022	30,731	19,929	18,232	-
ZAMBOANGA REGION		36,662	35,510	27,937	27,148	484
	National Irrigation System	15,162	14,664	11,920	11,691	-
	Communal Irrigation System	21,500	20,846	16,017	15,457	484
NORTHERN MINDANAO		54,275	48,935	31,447	31,317	3,238
	National Irrigation System	30,196	25,997	18,903	18,911	1,922
	Communal Irrigation System	24,079	22,938	12,544	12,406	1,316
NORTHERN MINDANAO (ARMM)		8,795	9,530	981	780	-
	National Irrigation System	3,915	4,650	981	780	-
	Communal Irrigation System	4,880	4,880	-	-	-
DAVAO REGION		59,122	56,835	43,802	43,552	-
	National Irrigation System	37,284	35,007	30,610	30,448	-
	Communal Irrigation System	21,838	21,828	13,192	13,104	-
SOCCSKSARGEN		99,983	95,609	74,533	74,561	11,814
	National Irrigation System	70,417	65,143	51,130	51,795	10,416
	Communal Irrigation System	29,566	30,465	23,402	22,765	1,398
SOCCSKSARGEN (ARMM)		24,478	21,487	14,144	14,168	-
	National Irrigation System	13,605	13,488	9,900	10,183	-
	Communal Irrigation System	10,873	8,000	4,244	3,984	-
ARMM		49,324	46,346	28,649	28,600	-
	National Irrigation System	28,594	26,338	18,833	19,415	-
	Communal Irrigation System	20,730	20,008	9,816	9,185	-

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.4.6
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM 2013
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)			
				WET	DRY	QTA/3RD CROP	RATOON
PHILIPPINES		**1,420,072**	**1,316,633**	**905,173**	**864,208**	**56,962**	**84,974**
	National Irrigation System	821,598	740,214	569,969	558,706	35,792	67,475
	Communal Irrigation System	598,473	576,419	335,203	305,503	21,170	17,498
CAR		72,472	68,755	52,884	52,335	6,211	280
	National Irrigation System	25,115	22,400	14,930	15,815	-	280
	Communal Irrigation System	47,357	46,355	37,954	36,520	6,211	-
ILOCOS REGION		112,924	97,768	66,980	47,795	3,364	0
	National Irrigation System	60,033	47,224	35,252	26,070	1,438	0
	Communal Irrigation System	52,891	50,544	31,728	21,725	1,926	0
CAGAYAN VALLEY REGION		106,510	104,859	57,292	64,128	27,476	0
	National Irrigation System	55,157	53,872	24,801	32,330	22,271	0
	Communal Irrigation System	51,353	50,987	32,491	31,798	5,205	0
MRIIS		98,355	85,731	81,791	81,492	0	28,980
	National Irrigation System	98,355	85,731	81,791	81,492	0	28,980
	Communal Irrigation System						
CENTRAL LUZON		152,937	139,532	75,185	72,108	3,798	400
	National Irrigation System	82,087	72,937	41,894	43,850	2,635	100
	Communal Irrigation System	70,850	66,594	33,291	28,258	1,163	300
UPRIIS		122,384	119,640	109,922	112,319	1,694	3,920
	National Irrigation System	122,384	119,640	109,922	112,319	1,694	3,920
	Communal Irrigation System						
CALABARZON		48,711	38,550	26,138	24,530	0	1,940
	National Irrigation System	28,478	20,450	14,284	13,876	0	1,110
	Communal Irrigation System	20,233	18,100	11,854	10,654	0	830
MIMAROPA		60,848	50,317	32,532	30,087	0	0
	National Irrigation System	27,677	18,938	15,512	13,815	0	0
	Communal Irrigation System	33,171	31,379	17,020	16,272	0	0
BICOL REGION		92,219	91,999	49,130	49,249	1,624	10,105
	National Irrigation System	23,189	23,189	16,427	17,760	455	6,530
	Communal Irrigation System	69,030	68,810	32,703	31,489	1,169	3,575
WESTERN VISAYAS		89,202	81,885	56,939	43,402	6,628	0
	National Irrigation System	53,760	47,020	40,547	29,982	4,632	0
	Communal Irrigation System	35,442	34,866	16,391	13,420	1,997	0
CENTRAL VISAYAS		39,175	34,943	26,796	26,566	60	3,533
	National Irrigation System	11,587	11,182	6,993	7,052	0	2,533
	Communal Irrigation System	27,588	23,761	19,803	19,514	60	1,000
EASTERN VISAYAS		58,213	57,914	38,250	36,502	0	6,930
	National Irrigation System	20,883	20,883	17,881	17,860	0	5,905
	Communal Irrigation System	37,330	37,031	20,369	18,642	0	1,025
ZAMBOANGA REGION		43,704	42,546	27,499	26,462	800	6,982
	National Irrigation System	17,299	16,801	13,320	12,865	0	5,195
	Communal Irrigation System	26,405	25,745	14,179	13,597	800	1,787
NORTHERN MINDANAO		69,992	62,968	35,113	34,682	3,777	3,239
	National Irrigation System	36,920	31,393	21,220	21,065	2,366	2,959
	Communal Irrigation System	33,072	31,575	13,893	13,617	1,411	280
DAVAO REGION		61,304	59,017	43,227	43,478	0	7,859
	National Irrigation System	37,622	35,345	30,150	29,905	0	2,466
	Communal Irrigation System	23,682	23,672	13,077	13,573	0	5,393
SOCCSKSARGEN		134,711	126,849	96,077	90,699	1,529	42
	National Irrigation System	88,513	83,045	65,556	63,109	300	0
	Communal Irrigation System	46,198	43,804	30,520	27,590	1,229	42
CARAGA		56,412	53,361	29,418	28,375	0	10,764
	National Irrigation System	32,540	30,164	19,489	19,541	0	7,498
	Communal Irrigation System	23,872	23,197	9,929	8,834	0	3,266

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.4.7
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM
2014
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)			
				WET	DRY	QTA/3RD CROP	RATOON
PHILIPPINES		**1,420,072**	**1,316,633**	**950,915**	**934,352**	**20,392**	**49,070**
	National Irrigation System	821,598	740,214	571,945	579,014	10,634	44,120
	Communal Irrigation System	598,473	576,419	378,970	355,338	9,758	4,950
CAR		72,472	68,755	55,590	55,137	4,268	-
	National Irrigation System	25,115	22,400	15,945	16,118	-	-
	Communal Irrigation System	47,357	46,355	39,645	39,019	4,268	-
ILOCOS REGION		112,924	97,768	71,697	55,785	2,700	-
	National Irrigation System	60,033	47,224	36,497	30,560	1,171	-
	Communal Irrigation System	52,891	50,544	35,200	25,225	1,529	-
CAGAYAN VALLEY REGION		106,510	104,859	61,076	69,883	-	-
	National Irrigation System	55,157	53,872	29,287	35,580	-	-
	Communal Irrigation System	51,353	50,987	31,789	34,303	-	-
MRIIS		98,355	85,731	79,853	82,475	-	22,402
	National Irrigation System	98,355	85,731	79,853	82,475	-	22,402
	Communal Irrigation System	-	-	-	-	-	-
CENTRAL LUZON		152,937	139,532	87,708	89,095	3,366	1,173
	National Irrigation System	82,087	72,937	33,255	44,372	2,030	831
	Communal Irrigation System	70,850	66,594	54,453	44,723	1,336	342
UPRIIS		122,384	119,640	112,584	114,377	-	11,368
	National Irrigation System	122,384	119,640	112,584	114,377	-	11,368
	Communal Irrigation System	-	-	-	-	-	-
CALABARZON		48,711	38,550	28,027	26,530	427	-
	National Irrigation System	28,478	20,450	14,066	13,309	427	-
	Communal Irrigation System	20,233	18,100	13,961	13,221		-
MIMAROPA		60,848	50,317	34,897	31,295	-	-
	National Irrigation System	27,677	18,938	15,899	14,514	-	-
	Communal Irrigation System	33,171	31,379	18,998	16,781	-	-
BICOL REGION		92,219	91,999	50,533	50,654	-	969
	National Irrigation System	23,189	23,189	17,211	18,257	-	300
	Communal Irrigation System	69,030	68,810	33,322	32,397	-	669
WESTERN VISAYAS		89,202	81,885	57,077	49,891	6,725	-
	National Irrigation System	53,760	47,020	40,420	35,064	4,844	-
	Communal Irrigation System	35,442	34,866	16,657	14,827	1,881	-
CENTRAL VISAYAS		39,175	34,943	28,232	28,279	-	3,300
	National Irrigation System	11,587	11,182	7,377	6,817	-	1,768
	Communal Irrigation System	27,588	23,761	20,855	21,462	-	1,532
EASTERN VISAYAS		58,213	57,914	40,986	40,289	-	-
	National Irrigation System	20,883	20,883	18,177	17,848	-	-
	Communal Irrigation System	37,330	37,031	22,809	22,441	-	-
ZAMBOANGA REGION		43,704	42,546	31,284	30,396	250	7,622
	National Irrigation System	17,299	16,801	13,949	13,307		5,675
	Communal Irrigation System	26,405	25,745	17,335	17,089	250	1,947
NORTHERN MINDANAO		69,992	62,968	34,870	37,062	2,555	2,236
	National Irrigation System	36,920	31,393	20,243	21,864	2,061	1,776
	Communal Irrigation System	33,072	31,575	14,627	15,198	494	460
DAVAO REGION		61,304	59,017	47,677	48,852	-	-
	National Irrigation System	37,622	35,345	30,226	30,379	-	-
	Communal Irrigation System	23,682	23,672	17,451	18,473	-	-
SOCCSKSARGEN		134,711	126,849	100,275	94,350	101	-
	National Irrigation System	88,513	83,045	67,714	64,788	101	-
	Communal Irrigation System	46,198	43,804	32,561	29,562	-	-
CARAGA		56,412	53,361	28,549	30,002	-	-
	National Irrigation System	32,540	30,164	19,242	19,385	-	-
	Communal Irrigation System	23,872	23,197	9,307	10,617	-	-

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.4.8
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM
2015
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)			
				WET	DRY	QTA/3RD CROP	RATOON
PHILIPPINES		**1,448,200**	**1,344,761**	**950,885**	**909,870**	**24,797**	**84,173**
	National Irrigation System	831,986	750,602	576,003	560,052	10,235	79,612
	Communal Irrigation System	616,213	594,159	374,882	349,817	14,562	4,561
CAR		73,476	69,759	56,508	56,139	5,000	-
	National Irrigation System	25,600	22,885	16,154	16,780	-	-
	Communal Irrigation System	47,876	46,874	40,354	39,359	5,000	-
ILOCOS REGION		113,983	98,827	72,964	57,174	2,935	-
	National Irrigation System	60,622	47,813	36,141	31,097	1,348	-
	Communal Irrigation System	53,361	51,014	36,823	26,077	1,587	-
CAGAYAN VALLEY REGION		107,966	106,315	70,626	78,683	-	-
	National Irrigation System	55,161	53,876	34,779	41,825	-	-
	Communal Irrigation System	52,805	52,439	35,847	36,858	-	-
MRIIS		99,133	86,509	82,862	82,615	-	40,968
	National Irrigation System	99,133	86,509	82,862	82,615	-	40,968
	Communal Irrigation System	-	-	-	-	-	-
CENTRAL LUZON		153,792	140,387	83,306	80,625	1,650	166
	National Irrigation System	82,224	73,074	36,126	45,127	974	166
	Communal Irrigation System	71,568	67,312	47,180	35,498	676	-
UPRIIS		122,909	120,165	109,033	91,156	-	19,120
	National Irrigation System	122,909	120,165	109,033	91,156	-	19,120
	Communal Irrigation System	-	-	-	-	-	-
CALABARZON		49,123	38,962	29,068	26,673	392	1,434
	National Irrigation System	28,580	20,552	15,284	13,306	392	1,434
	Communal Irrigation System	20,543	18,410	13,784	13,367		-
MIMAROPA		61,209	50,678	34,970	32,662	-	-
	National Irrigation System	27,677	18,938	16,201	14,362	-	-
	Communal Irrigation System	33,532	31,740	18,769	18,300	-	-
BICOL REGION		94,972	94,752	48,582	50,482	217	2,922
	National Irrigation System	23,189	23,189	16,659	18,002	-	920
	Communal Irrigation System	71,783	71,563	31,923	32,480	217	2,002
WESTERN VISAYAS		92,656	85,339	59,612	51,248	6,376	-
	National Irrigation System	53,830	47,090	41,084	34,664	4,671	-
	Communal Irrigation System	38,826	38,250	18,528	16,584	1,705	-
CENTRAL VISAYAS		40,888	36,656	25,962	26,294	3,830	2,075
	National Irrigation System	11,924	11,519	7,077	7,551	-	1,825
	Communal Irrigation System	28,964	25,137	18,885	18,743	3,830	250
EASTERN VISAYAS		59,626	59,327	39,288	40,774	-	-
	National Irrigation System	21,348	21,348	16,941	18,256	-	-
	Communal Irrigation System	38,278	37,979	22,347	22,518	-	-
ZAMBOANGA REGION		45,404	44,246	30,671	30,953	230	10,282
	National Irrigation System	17,499	17,001	14,608	14,093		8,640
	Communal Irrigation System	27,905	27,245	16,063	16,860	230	1,642
NORTHERN MINDANAO		70,069	63,045	35,822	34,837	2,666	1,400
	National Irrigation System	36,989	31,462	19,982	19,952	1,349	1,400
	Communal Irrigation System	33,080	31,583	15,840	14,885	1,317	-
DAVAO REGION		62,426	60,139	46,664	46,268	-	5,806
	National Irrigation System	37,743	35,466	28,335	28,416	-	5,139
	Communal Irrigation System	24,683	24,673	18,329	17,852	-	667
SOCCSKSARGEN		138,785	130,923	102,452	97,598	1,501	-
	National Irrigation System	91,213	85,745	69,587	66,103	1,501	-
	Communal Irrigation System	47,572	45,178	32,865	31,495	-	-
CARAGA		61,784	58,733	22,495	25,688	-	-
	National Irrigation System	36,346	33,970	15,150	16,747	-	-
	Communal Irrigation System	25,438	24,763	7,345	8,941	-	-

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.4.9
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM
2016
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)			
				WET	DRY	QTA/3RD CROP	RATOON
PHILIPPINES		**1,474,020**	**1,370,463**	**956,378**	**910,841**	**11,654**	**73,238**
	National Irrigation System	836,055	754,666	575,367	554,972	7,149	71,698
	Communal Irrigation System	637,965	615,797	381,011	355,869	4,505	1,540
CAR		76,816	73,204	57,802	56,842	-	-
	National Irrigation System	26,163	23,448	16,824	16,802	-	-
	Communal Irrigation System	50,652	49,755	40,978	40,040	-	-
ILOCOS REGION		118,480	103,243	75,238	55,347	3,152	-
	National Irrigation System	62,161	49,352	36,497	28,682	1,565	-
	Communal Irrigation System	56,319	53,891	38,741	26,665	1,587	-
CAGAYAN VALLEY REGION		113,329	111,605	71,083	82,367	-	-
	National Irrigation System	56,382	55,097	34,326	43,681	-	-
	Communal Irrigation System	56,947	56,508	36,757	38,686	-	-
MRIIS		100,009	87,385	81,262	81,689	-	23,403
	National Irrigation System	100,009	87,385	81,262	81,689	-	23,403
	Communal Irrigation System	-	-	-	-	-	-
CENTRAL LUZON		155,771	142,365	80,309	80,033	495	-
	National Irrigation System	81,636	72,481	34,123	40,181	495	-
	Communal Irrigation System	74,135	69,884	46,186	39,852	-	-
UPRIIS		125,548	122,804	113,029	108,310	-	33,910
	National Irrigation System	125,548	122,804	113,029	108,310	-	33,910
	Communal Irrigation System	-	-	-	-	-	-
CALABARZON		50,407	40,199	29,659	28,662	117	2,500
	National Irrigation System	28,770	20,742	15,014	14,523	117	2,500
	Communal Irrigation System	21,637	19,457	14,645	14,139		
MIMAROPA		64,093	53,562	33,872	30,931	-	-
	National Irrigation System	27,747	19,008	15,557	13,633	-	-
	Communal Irrigation System	36,346	34,554	18,315	17,298	-	-
BICOL REGION		97,063	96,843	48,842	49,881	-	-
	National Irrigation System	23,162	23,162	17,340	17,236	-	-
	Communal Irrigation System	73,901	73,681	31,502	32,645	-	-
WESTERN VISAYAS		91,220	83,957	59,939	37,546	4,162	-
	National Irrigation System	53,885	47,145	40,389	23,746	4,162	-
	Communal Irrigation System	37,336	36,813	19,551	13,800	-	-
CENTRAL VISAYAS		42,147	37,900	25,128	25,849	2,300	-
	National Irrigation System	12,135	11,730	5,219	6,087	-	-
	Communal Irrigation System	30,012	26,170	19,909	19,762	2,300	-
EASTERN VISAYAS		62,513	62,214	38,755	41,125	-	-
	National Irrigation System	24,483	24,483	17,772	18,266	-	-
	Communal Irrigation System	38,030	37,731	20,983	22,859	-	-
ZAMBOANGA REGION		46,043	44,825	33,315	29,992	200	11,425
	National Irrigation System	17,457	16,959	14,909	14,568	-	9,885
	Communal Irrigation System	28,586	27,866	18,406	15,424	200	1,540
NORTHERN MINDANAO		71,600	64,576	35,107	35,936	1,228	2,000
	National Irrigation System	37,495	31,968	19,748	20,741	810	2,000
	Communal Irrigation System	34,105	32,608	15,359	15,195	418	-
DAVAO REGION		64,522	62,235	45,568	42,677	-	-
	National Irrigation System	38,559	36,282	27,220	24,050	-	-
	Communal Irrigation System	25,963	25,953	18,348	18,627	-	-
SOCCSKSARGEN		136,446	128,584	101,902	97,890	-	-
	National Irrigation System	88,302	82,834	68,395	67,340	-	-
	Communal Irrigation System	48,144	45,750	33,507	30,550	-	-
CARAGA		58,013	54,961	25,568	25,764	-	-
	National Irrigation System	32,161	29,784	17,744	15,437	-	-
	Communal Irrigation System	25,852	25,177	7,824	10,327	-	-

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.4.10
SERVICE AREA, FIRMED-UP SERVICE AREA, AND ACTUAL IRRIGATED AREA BY REGION AND BY IRRIGATION SYSTEM
2017
(in hectares)

REGION	IRRIGATION SYSTEM	SERVICE AREA	FIRMED-UP SERVICE AREA	IRRIGATED AREA (ACTUAL)			
				WET	DRY	QTA/3RD CROP	RATOON
PHILIPPINES		**1,497,034**	**1,322,837**	**1,039,519**	**982,817**	**28,446**	**74,021**
	National Irrigation System	848,617	748,831	633,444	597,260	15,538	69,809
	Communal Irrigation System	648,417	574,007	406,075	385,557	12,908	4,212
CAR		79,397	73,879	56,995	52,924	5,072	-
	National Irrigation System	26,409	22,985	17,689	16,040	72	-
	Communal Irrigation System	52,988	50,894	39,306	36,884	5,000	-
ILOCOS REGION		119,062	102,995	79,838	59,571	2,135	-
	National Irrigation System	62,228	48,856	40,150	32,765	548	-
	Communal Irrigation System	56,834	54,139	39,688	26,806	1,587	-
CAGAYAN VALLEY REGION		116,162	111,830	82,722	86,932	-	-
	National Irrigation System	59,308	56,549	43,561	47,042	-	-
	Communal Irrigation System	56,854	55,281	39,161	39,890	-	-
MRIIS		100,257	87,276	83,953	83,503	-	28,960
	National Irrigation System	100,257	87,276	83,953	83,503	-	28,960
	Communal Irrigation System	-	-	-	-	-	-
CENTRAL LUZON		156,298	137,779	92,261	89,665	1,437	-
	National Irrigation System	82,401	71,069	41,691	45,000	1,437	-
	Communal Irrigation System	73,897	66,710	50,570	44,665	-	-
UPRIIS		125,812	120,985	127,741	115,572	-	22,392
	National Irrigation System	125,812	120,985	127,741	115,572	-	22,392
	Communal Irrigation System	-	-	-	-	-	-
CALABARZON		51,003	40,945	30,471	30,263	185	2,326
	National Irrigation System	28,796	20,820	15,456	15,317	185	2,326
	Communal Irrigation System	22,207	20,125	15,015	14,946	-	-
MIMAROPA		64,776	53,010	41,416	39,695	-	-
	National Irrigation System	27,827	18,938	18,093	16,907	-	-
	Communal Irrigation System	36,949	34,072	23,323	22,788	-	-
BICOL REGION		97,658	75,235	51,886	52,562	553	4,066
	National Irrigation System	23,252	23,162	17,120	17,863	553	1,650
	Communal Irrigation System	74,406	52,073	34,766	34,699	-	2,416
WESTERN VISAYAS		91,596	79,444	67,366	56,320	11,207	-
	National Irrigation System	53,910	47,082	43,361	36,142	6,954	-
	Communal Irrigation System	37,686	32,363	24,005	20,178	4,253	-
CENTRAL VISAYAS		42,983	37,651	29,898	28,770	755	3,715
	National Irrigation System	12,135	11,730	8,076	7,889	-	3,715
	Communal Irrigation System	30,848	25,921	21,822	20,881	755	-
EASTERN VISAYAS		63,174	62,407	41,310	41,540	-	-
	National Irrigation System	24,827	24,827	18,854	18,633	-	-
	Communal Irrigation System	38,347	37,580	22,456	22,907	-	-
ZAMBOANGA REGION		49,152	39,224	32,175	32,071	200	7,896
	National Irrigation System	20,516	16,063	14,986	14,866	-	6,100
	Communal Irrigation System	28,636	23,161	17,189	17,205	200	1,796
NORTHERN MINDANAO		74,705	62,885	37,017	40,484	1,113	1,514
	National Irrigation System	39,649	31,795	21,516	22,507	-	1,514
	Communal Irrigation System	35,056	31,090	15,501	17,977	1,113	-
DAVAO REGION		67,183	61,895	48,586	45,714	-	3,152
	National Irrigation System	38,559	36,176	28,783	26,060	-	3,152
	Communal Irrigation System	28,624	25,719	19,803	19,654	-	-
SOCCSKSARGEN		138,847	126,882	106,666	95,499	5,789	-
	National Irrigation System	90,033	82,625	72,370	60,893	5,789	-
	Communal Irrigation System	48,814	44,257	34,296	34,606	-	-
CARAGA		58,969	48,514	29,218	31,732	-	-
	National Irrigation System	32,697	27,892	20,044	20,261	-	-
	Communal Irrigation System	26,272	20,622	9,174	11,471	-	-

Notes:
Totals may not add up due to rounding off.
Regions 7,8 and 13 have inverted cropping season.
MRIIS Magat River Integrated Irrigation Systems
UPRIIS Upper Pampanga River Integrated Irrigation Systems
Source: National Irrigation Administration

Table 2.5.1
ROUNDWOOD PRODUCTION BY PRODUCT
2008 to 2017
(in thousand cubic meters)

	2008	2009	2010	2011
Philippines	1,510	1,401	982	1,485
Log	815	801	557	871
Sawlog/Veneer Log	474	689	518	780
Pulpwood	338	109	35	87
Poles and Piles	3	3	4	4
Fuelwood/Firewood	695	600	425	614
Upland	85	136	66	97
Charcoal	610	464	359	517

Source: Forest Management Bureau

Table 2.5.2
PRODUCTION OF PROCESSED WOOD BY PRODUCT
2008 to 2017
(in thousand cubic meters)

	2008	2009	2010	2011
Lumber	357,698	304,360	377,428	371,602
Veneer	100,712	87,953	136,288	113,565
Plywood	234,990	252,870	276,044	299,860
Fiberboard	1	12	5	2
Blockboard	42	42	27	42

Source: Forest Management Bureau

Table 2.5.3
PRODUCTION OF NON-TIMBER FOREST PRODUCTS BY PRODUCT
2008 to 2017

	Unit	2008	2009	2010
Almaciga resin	kg	248,011	524,894	598,863
Anahaw leaves	pc	196,220	152,560	372,000
Anahaw poles	pc	33,731	29,249	30,374
Bamboo poles		871,651	988,299	928,945
Buri midribs	pc	10,000	8,250	31,000
Hingiw	kg	-	-	-
Nipa leaves	pc	672,000	596,400	509,000
Nipa shingles	pc	13,160,650	15,937,530	13,275,919
Diliman and other vines	pc	3,200	38,500	1,000
Salago fiber	kg	488,540	456,630	323,290
Split rattan	kg	17,795	34,033	2,787
Unsplit rattan	lm	5,150,894	3,102,468	3,756,863

Source: Forest Management Bureau

Table 2.5.1 *(continued)*

2012	2013	2014	2015	2016	2017
1,354	1,616	1,551	1,317	1,134	999
862	1,166	1,102	842	790	733
742	641	631	443	440	465
116	518	465	395	347	264
4	7	6	4	3	4
492	450	449	475	344	266
59	40	42	49	42	27
433	410	407	426	302	239

Table 2.5.2 *(continued)*

2012	2013	2014	2015	2016	2017
217,665	449,889	496,296	322,126	424,681	359,546
128,955	199,490	59,535	39,774	58,881	42,012
297,482	199,419	163,903	145,710	152,145	175,103
5	13	22	54	6	5
22	58	49	87	59	88

Table 2.5.3 *(continued)*

2011	2012	2013	2014	2015	2016	2017
678,143	671,873	508,610	407,479	445,315	686,040	204,650
145,700	49,400	36,840	170,714	117,830	71,050	165,660
25,456	25,897	17,061	31,588	34,792	22,657	13,183
1,101,132	1,143,346	1,427,985	1,135,515	1,096,617	882,725	998,148
22,500	15,000	-	-	-	60,000	60,000
-	-	-	-	-	-	-
377,200	60,000	37,200	64,000	-	-	-
14,247,728	11,224,300	8,317,398	4,341,124	6,329,842	7,722,200	7,846,000
2,000	-	-	-	-	-	-
663,940	478,725	503,055	496,243	513,309	381,956	348,780
35,364	182,397	141,363	128,842	57,305	188,108	123,008
4,515,414	2,711,291	2,523,830	2,465,225	3,511,502	2,381,038	1,767,680

Table 2.6.1
IMPORTS OF LOG AND PROCESSED FOREST PRODUCTS
2008 to 2017
(Volume in cubic meters; Value in US dollars, CIF)

	2008		2009		2010		2011	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total	236,549	78,539,953	190,864	61,647,682	251,157	108,177,194	379,456	185,014,735
Log	72,918	16,728,539	35,349	6,972,798	27,737	6,600,612	87,240	18,318,556
Lumber	134,846	52,019,144	128,754	47,702,732	136,574	55,196,603	159,974	77,311,893
Plywood	1,523	526,994	3,886	1,485,791	61,163	39,558,652	94,231	76,711,777
Veneer	27,262	9,265,276	22,875	5,486,361	25,683	6,821,327	38,011	12,672,509

Source: Forest Management Bureau

Table 2.6.1 *(continued)*
IMPORTS OF LOG AND PROCESSED FOREST PRODUCTS
2008 to 2017
(Volume in cubic meters; Value in US dollars, CIF)

	2012		2013		2014		2015	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total	480,631	216,791,744	584,864	264,288,437	684,142	293,869,047	1,558,692	255,336,140
Log	107,334	23,671,598	118,988	20,772,261	50,685	8,338,568	98,143	15,328,658
Lumber	218,607	98,925,060	240,197	123,074,085	207,362	108,932,244	1,144,691	80,883,393
Plywood	95,183	72,146,314	195,037	107,813,877	411,269	167,080,385	292,127	149,922,423
Veneer	59,507	22,048,772	30,642	12,628,214	14,826	9,517,850	23,732	9,201,666

Source: Forest Management Bureau

Table 2.6.1 *(concluded)*
IMPORTS OF LOG AND PROCESSED FOREST PRODUCTS
2008 to 2017
(Volume in cubic meters; Value in US dollars, CIF)

	2016		2017	
	Volume	Value	Volume	Value
Total	983,249	366,150,220	977,549	311,370,818
Log	113,496	25,588,806	66,497	10,287,099
Lumber	326,799	119,764,380	254,200	57,908,305
Plywood	517,702	209,058,417	596,543	223,118,928
Veneer	25,252	11,738,617	60,309	20,056,486

Source: Forest Management Bureau

Table 2.6.2
EXPORTS OF LOG AND PROCESSED FOREST PRODUCTS
2008 to 2017

	Unit	2008		2009		2010		2011		2012	
		Volume/ Quantity	Value ('000 US$, FOB)	Volume/ Quantity	Value ('000 US$, FOB)	Volume/ Quantity	Value ('000 US$, FOB)	Volume/ Quantity	Value ('000 US$, FOB)	Volume/ Quantity	Value ('000 US$, FOB)
Logs											
Sawlog/Venee	cu.m.	642	39,245	77	3,406	5,447	175,254	2,609	140,156	417	167,756
Poles and Pile	cu.m.	-	-	-	-	-	-	-	-	-	-
Pulpwood	cu.m.	-	-	-	-	14	21,500	-	-	16	109,187
Fuelwood	net kg	-	-	-	-	-	-	-	-	-	-
Charcoal	net kg	23,611,422	8,526,322	39,471,651	12,413,081	37,282,214	11,622,828	29,382,940	11,715,704	50,619,298	27,929,977
Woodwaste	net kg	6,510	1,695	2,026,820	149,435	540,620	72,759	1,373,756	153,513	259,756	31,779
Lumber	cu.m.	214,534	11,601,944	293,287	9,629,122	376,956	10,587,288	404,533	24,376,941	391,663	28,045,972
Plywood	cu.m.	38,931	19,236,547	33,305	21,920,758	23,737	14,962,712	39,834	24,335,951	12,951	10,985,814
Veneer	cu.m.	3,764	2,003,091	4,032	1,301,231	3,108	2,057,490	14,633	1,346,726	32,048	13,475,345

Source: Forest Management Bureau

Table 2.6.2 ***(Continued)***
EXPORTS OF LOG AND PROCESSED FOREST PRODUCTS
2008 to 2017

	Unit	2013		2014		2015		2016		2017	
		Volume/ Quantity	Value ('000 US$, FOB)	Volume/ Quantity	Value ('000 US$, FOB)	Volume/ Quantity	Value ('000 US$, FOB)	Volume/ Quantity	Value ('000 US$, FOB)	Volume/ Quantity	Value ('000 US$, FOB)
Logs											
Sawlog/Venee	cu.m.	133	131,264	39	36,985	236	20,028	-	-	-	-
Poles and Pile	cu.m.	-	-	-	-	-	-	-	-	-	-
Pulpwood	cu.m.	178	437,876	1,834	342,395	2,296	207,453	-	-	-	-
Fuelwood	net kg	4	21,504	259	13,502	10	7,180	6	5,500	11	13,573
Charcoal	net kg	35,750,058	52,366,943	69,669,928	37,888,303	16,382,164	7,037,442	43,642,160	21,754,334	43,642,160	21,754,334
Woodwaste	net kg	30,480	814	642,407	55,189	1,248,155	88,293	151,400	8,248	10,824	10,298
Lumber	cu.m.	239,565	74,131,958	310,070	69,420,008	267,276	37,346,371	189,491	25,930,749	249,005	94,485,077
Plywood	cu.m.	3,738	3,773,018	2,057	1,818,880	761	400,878	864	418,388	25,830	54,465,589
Veneer	cu.m.	2,784	3,078,430	3,681	3,268,638	1,315	807,989	401	241,618	1,086	555,772

Source: Forest Management Bureau

Table 2.6.3
EXPORTS OF SELECTED NON-TIMBER FOREST PRODUCTS
2008 to 2017
(Volume in kilograms, value in US dollars, FOB)

	2008		2009		2010		2011		2012	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Almaga Resin	121,900	171,650	127,851	170,794	65,207	90,350	123,000	226,380	45,002	79,217
Elemi Gum	261,885	616,461	79,214	173,128	162,370	388,020	372,433	976,670	88,900	192,600
Bamboo	47,416	72,332	44,542	17,489	29,629	26,204	6,347	5,539	105,861	30,520
Rattan Poles	25,204	13,069	3,654	1,294	16,375	25,207	456	5,574	110,704	94,762
Salago Fiber	421,000	396,036	339,500	396,809	244,400	168,391	618,700	407,357	432,000	297,304

Source: Forest Management Bureau

Table 2.6.3 *(Continued)*
EXPORTS OF SELECTED NON-TIMBER FOREST PRODUCTS
2008 to 2017
(Volume in kilograms, value in US dollars, FOB)

	2013		2014		2015		2016		2017	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Almaga Resin	74,311	95,915	48,706	39,825	90,187	83,350	183,658	151,553	191,729	269,267
Elemi Gum	48,525	119,284	86,616	174,093	213,619	621,419	369,646	1,054,008	223,928	635,831
Bamboo	24,242	11,033	61,877	14,067	35,107	14,707	23,088	66,976	39,344	12,917
Rattan Poles	236,438	277,973	345,282	634,128	1,349,378	1,559,818	45,860	58,162	239,916	226,651
Salago Fiber	417,000	301,783	443,400	323,304	418,000	316,665	252,400	174,358	289,500	203,127

Source: Forest Management Bureau

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Acetes (Alamang)										
Philippines	**3,857.2**	**4,744.0**	**3,128.1**	**3,773.1**	**3,089.9**	**1,464.6**	**1,608.0**	**1,301.1**	**2,874.3**	**427.7**
NCR	209.3	231.5	171.4	198.5	279.7	176.7	157.6	131.9	18.7	20.9
Metro Manila	209.3	231.5	171.4	198.5	279.7	176.7	157.6	131.9	18.7	20.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	71.0	34.1	18.3	8.4	7.3	6.2	5.7	3.8	2.4	7.9
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	71.0	34.1	18.3	8.4	7.3	6.2	5.7	3.8	2.4	7.9
Cagayan Valley	2,732.9	3,433.8	1,550.9	2,362.6	2,265.3	899.5	957.7	283.8	272.1	178.5
Cagayan	2,732.9	3,433.8	1,550.9	2,362.6	2,265.3	899.5	957.7	283.8	272.1	178.5
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	28.1	0.8	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	13.6	..	..	..	..	..	..	..	..	..
Bulacan	14.5	0.8	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	4.0	10.0	11.0	10.5	20.9	15.7	30.6	4.2	23.7	34.1
Batangas	..	..	..	..	10.2	12.8	4.8	4.2	..	..
Cavite	4.0	10.0	11.0	10.5	10.8	2.9	0.8	..	2.5	34.1
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	..	..	..	..	..	..	25.0	..	21.2	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	27.4	40.2	29.5	15.3	13.2	13.0	13.9	11.0	10.4	10.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	21.2	14.4	15.9	13.6	13.1	12.9	13.8	10.9	10.3	10.0
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	6.2	25.8	13.6	1.7	0.1	0.1	0.1	0.1	0.0	0.0
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	10.0	3.0	..	..	..	..	5.9	2.9	2.3
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	5.9	1.9	..
Camarines Sur	..	10.0	3.0	..	..	..	..	..	1.0	2.3
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	711.1	949.4	1,240.4	1,135.9	468.6	326.5	422.9	829.3	2,523.8	143.2
Aklan	6.0	23.1	14.4	15.7	5.4	..	..	0.2	1.0	5.1
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	705.1	924.5	1,226.0	1,120.2	463.1	326.5	422.9	829.1	2,522.7	138.1
Negros Occidental	..	1.8	..	..	..	..	..	..	0.2	..
Central Visayas	..	..	..	20.3	9.3	7.0	..	1.1	..	4.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	20.3	9.3	7.0	..	1.1	..	4.0
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	0.9	..	..	..	..	..	..	..	0.7	4.4
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	0.9	..	..	..	..	..	..	..	0.7	4.4
Zamboanga Peninsula	68.5	33.3	102.6	20.3	23.8	20.2	19.6	23.4	19.6	22.5
Zamboanga del Nort	68.5	33.3	23.8	20.3	23.8	20.2	19.6	23.4	19.6	20.6
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibuga	..	..	78.8	..	..	..	..	..	..	1.9
Northern Mindanao	..	..	..	..	0.1	..	..	..	..	..
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	0.1	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	1.1	..	..	..	..	..	..	6.6	..	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	..	..	4.4	..	..
Davao City	1.1	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	2.2	..	..
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	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 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Anchovies (Dilis)										
Philippines	**27,420.5**	**26,310.5**	**27,578.6**	**27,039.7**	**27,150.1**	**23,679.8**	**24,159.9**	**20,614.1**	**18,520.3**	**16,638.2**
NCR	253.3	201.2	237.1	225.5	153.5	177.2	225.9	170.3	248.4	167.6
Metro Manila	253.3	201.2	237.1	225.5	153.5	177.2	225.9	170.3	248.4	167.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	125.9	35.8	136.1	156.5	96.2	60.4	86.7	95.2	144.7	98.8
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1.6	6.5	1.4	3.9	3.6	6.3	6.6	5.7	4.4	4.2
Pangasinan	124.3	29.3	134.7	152.6	92.6	54.0	80.2	89.6	140.3	94.6
Cagayan Valley	1,643.6	1,273.2	1,267.0	1,154.8	1,043.5	1,163.8	1,244.1	1,327.5	1,252.1	898.8
Cagayan	1,643.6	1,273.2	1,267.0	1,154.8	1,043.5	1,163.8	1,244.1	1,327.5	1,252.1	898.8
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	211.1	54.9	26.8	11.8	11.1	13.0	21.3	34.8	20.9	53.2
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	88.5	..	..	..	..	..	..	..	..	..
Bulacan	73.9	13.1	12.0	11.8	11.1	13.0	21.3	34.8	20.9	53.2
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	48.8	41.8	14.8	..	..	..	..	..	..	..
CALABARZON	1,786.6	2,301.1	2,884.8	2,776.4	1,751.0	617.6	1,564.2	1,158.3	736.2	295.5
Batangas	45.5	64.5	85.4	109.8	61.6	36.9	22.1	7.4	18.5	5.1
Cavite	168.4	370.5	522.8	541.4	198.3	226.1	355.1	384.0	222.0	136.4
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,572.7	1,866.1	2,276.6	2,125.2	1,491.1	354.6	1,187.0	766.9	495.7	154.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,106.6	2,760.8	3,277.6	3,030.5	2,713.8	2,439.0	2,291.6	2,211.7	2,138.9	1,988.8
Marinduque	2.1	7.0	7.7	8.2	8.1	2.5	2.2	1.7	3.8	..
Occidental Mindoro	681.7	497.9	523.1	475.0	469.3	467.8	498.9	507.2	475.5	468.9
Oriental Mindoro	137.5	136.3	144.3	140.2	147.7	148.7	163.8	191.6	100.5	112.1
Palawan	1,285.4	2,119.6	2,602.6	2,407.1	2,088.8	1,820.1	1,626.7	1,511.3	1,559.1	1,407.8
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	8,075.1	8,061.5	8,419.1	8,518.5	9,382.0	9,636.5	9,789.9	8,566.1	7,477.9	6,927.9
Albay	787.4	844.6	883.4	945.3	865.9	899.1	923.5	916.3	882.4	903.5
Camarines Norte	255.0	300.5	305.2	269.8	276.3	287.6	285.0	120.1	34.2	65.3
Camarines Sur	3,917.2	2,866.9	2,786.7	2,768.0	2,755.6	2,601.7	2,428.2	2,034.2	1,812.2	1,611.4
Catanduanes	..	..	..	..	..	6.2	6.7	6.7	7.0	4.3
Masbate	3,054.2	3,843.1	4,222.9	4,284.5	5,200.5	5,540.7	5,755.2	5,117.0	4,469.0	4,159.3
Sorsogon	61.4	206.4	220.8	251.0	283.7	301.3	391.4	371.8	273.2	184.2
Western Visayas	2,633.4	1,988.1	1,639.8	1,920.3	1,525.6	1,150.5	741.7	612.2	720.2	978.2
Aklan	16.2	32.9	29.1	28.1	35.6	32.1	32.4	28.9	29.8	28.4
Antique	26.3	19.2	17.4	22.6	28.1	38.9	45.6	43.4	66.5	45.4
Capiz	677.7	746.6	857.5	966.0	806.0	468.5	160.0	243.5	235.0	139.3
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,108.8	806.7	670.4	869.6	617.5	556.1	467.2	249.4	118.7	519.9
Negros Occidental	804.4	382.6	65.4	34.0	38.4	54.8	36.6	47.0	270.3	245.2
Central Visayas	20.7	46.9	519.4	727.8	665.0	432.2	472.2	458.4	492.9	407.4
Bohol	18.0	8.0	0.8	..	..	..	..	..	2.2	8.4
Cebu	..	..	499.2	705.4	635.1	407.7	293.0	306.6	376.6	371.3
Negros Oriental	2.7	38.9	19.4	22.3	29.9	24.5	179.3	151.8	114.2	27.8
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	3,330.4	1,655.3	1,905.5	1,791.2	1,913.1	831.3	517.5	425.0	363.1	340.4
Biliran	219.2	51.9	..	..	..	..	..	..	..	..
Eastern Samar	233.3	50.3	..	..	5.6	1.9	5.2	..	..	..
Leyte	2,373.0	1,260.7	1,643.4	1,517.3	1,572.3	459.2	223.9	178.6	46.7	118.4
Northern Samar	44.5	62.6	119.0	131.6	160.2	172.9	181.6	188.8	200.5	179.8
Southern Leyte	7.0	..	..	..	..	..	..	..	..	1.2
Samar	453.4	229.9	143.2	142.4	175.0	197.3	106.8	57.6	116.0	41.0
Zamboanga Peninsula	2,384.2	3,001.9	2,340.6	1,845.7	1,518.6	1,482.0	2,267.4	1,380.2	1,544.2	1,525.4
Zamboanga del Nort	715.5	489.2	384.3	417.7	240.9	263.5	219.5	217.4	310.8	313.2
Zamboanga del Sur	1,245.2	1,065.5	1,070.0	969.5	923.0	961.9	1,113.5	1,074.3	1,114.6	1,099.1
Zamboanga City	268.1	1,193.9	544.7	191.7	166.7	166.4	867.2	18.7	18.7	5.2
Zamboanga Sibugay	155.4	253.2	341.6	266.9	188.0	90.3	67.3	69.8	100.1	107.9
Northern Mindanao	681.5	1,124.7	871.4	780.2	835.4	987.0	995.4	1,061.7	1,073.5	992.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	681.4	1,124.7	871.4	780.2	835.4	987.0	995.4	1,061.7	1,073.5	989.2
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	0.1	..	..	..	..	0.0	..	..	..	2.8
Davao Region	558.0	213.8	497.9	570.8	1,685.5	987.3	546.7	210.2	82.9	2.8
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	540.3	151.3	496.1	570.2	1,684.5	985.4	544.6	207.8	63.4	0.4
Davao City	5.4	2.3	1.8	0.7	1.0	1.9	2.1	2.4	1.0	2.3
Davao Oriental	12.3	60.2	..	..	..	..	..	..	18.6	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	136.7	109.8	134.3	813.7	641.2	435.0	77.9	78.6	0.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	1.5	..	..	14.2	10.9	1.2	..	..	0.9
South Cotabato	..	135.2	109.8	134.3	799.5	630.2	433.8	77.9	78.6	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	337.3	321.7	256.2	176.9	171.2	201.6	179.3	155.6	157.3	160.3
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	243.7	268.4	247.2	172.9	155.5	179.8	174.2	155.6	116.9	127.6
Surigao del Sur	93.7	53.3	9.0	4.1	15.7	21.8	5.1	..	40.4	32.7
ARMM	3,272.9	3,133.1	3,189.5	3,218.5	2,871.1	2,859.4	2,780.9	2,668.9	1,988.5	1,800.4
Basilan	171.1	172.9	182.9	172.5	166.6	155.9	155.4	163.0	17.0	17.0
Lanao del Sur	81.4	83.0	94.4	95.0	94.1	120.2	163.0	146.8	131.4	132.1
Maguindanao	77.5	134.4	142.4	151.5	..	..	..	..	..	..
Sulu	2,931.7	2,728.3	2,753.9	2,784.4	2,598.4	2,566.2	2,445.3	2,340.5	1,820.4	1,630.8
Tawi-tawi	11.2	14.6	15.8	15.2	12.0	17.1	17.2	18.7	19.6	20.4

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Big-eyed Scad (Matangbaka)										
Philippines	**38,572.8**	**39,933.0**	**44,643.4**	**42,692.8**	**42,795.5**	**47,116.9**	**44,830.1**	**42,995.4**	**46,239.5**	**41,772.8**
NCR	998.1	1,174.9	1,441.6	2,518.0	2,099.6	2,013.2	1,197.4	886.6	650.5	1,235.2
Metro Manila	998.1	1,174.9	1,441.6	2,518.0	2,099.6	2,013.2	1,197.4	886.6	650.5	1,235.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	375.0	229.9	365.6	630.6	223.6	209.9	213.3	143.4	117.4	108.2
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	26.4	69.4	61.0	57.1	85.7	73.3	73.5	70.2	73.8	69.7
Pangasinan	348.6	160.5	304.6	573.5	137.9	136.6	139.8	73.1	43.7	38.5
Cagayan Valley	998.3	794.6	848.7	704.1	709.9	501.8	505.2	508.0	504.9	427.6
Cagayan	998.3	794.6	848.7	704.1	709.9	501.8	505.2	508.0	504.9	427.6
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	138.1	80.7	30.7	83.3	44.9	41.9	52.4	59.3	30.1	87.1
Aurora	0.9	1.3	1.5	1.2	0.9	0.8	0.8	..	..	..
Bataan	130.5	76.6	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	6.8	2.8	29.2	82.2	44.0	41.1	51.6	59.3	30.1	87.1
CALABARZON	1,977.3	1,225.5	1,634.5	1,568.0	1,592.0	1,300.9	1,846.8	1,542.6	2,047.3	1,588.6
Batangas	171.9	230.7	298.4	285.4	234.6	259.8	140.5	149.5	262.5	290.4
Cavite	10.8	35.9	26.7	36.6	36.7	67.3	89.9	102.6	66.5	128.4
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,794.6	959.0	1,309.5	1,246.0	1,320.7	973.7	1,616.4	1,290.5	1,718.3	1,169.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,659.9	1,693.4	1,941.1	1,915.1	1,623.9	1,656.6	1,731.5	1,765.4	826.0	842.2
Marinduque	13.8	17.7	21.4	7.4	5.3	6.9	7.6	8.4	9.9	17.3
Occidental Mindoro	346.9	198.2	204.4	193.6	187.4	185.9	188.2	193.4	192.0	190.8
Oriental Mindoro	47.1	44.3	41.6	41.1	43.1	47.4	47.5	50.2	45.0	52.6
Palawan	1,214.9	1,388.3	1,610.6	1,603.7	1,327.5	1,389.9	1,466.9	1,487.8	559.2	535.3
Romblon	37.2	45.0	63.1	69.3	60.7	26.6	21.3	25.6	20.1	46.1
Bicol Region	1,225.8	1,315.2	1,492.9	1,575.4	1,638.1	2,157.1	2,188.4	2,099.2	2,033.3	1,926.8
Albay	271.9	354.7	419.6	456.7	488.7	500.7	519.8	536.7	523.4	564.7
Camarines Norte	218.1	233.9	271.8	262.2	269.8	302.8	307.9	506.4	526.4	421.1
Camarines Sur	636.7	626.2	737.4	810.8	823.9	793.3	814.0	740.9	630.9	569.7
Catanduanes	5.6	4.7	16.9	14.4	13.7	13.7	13.6	10.8	10.6	8.0
Masbate	28.0	36.6	8.0	..	..	440.6	307.1	290.3	334.8	362.0
Sorsogon	65.6	59.0	39.3	31.3	42.0	105.9	226.0	14.1	7.3	1.3
Western Visayas	3,533.6	2,853.0	2,704.5	2,859.7	2,292.3	3,035.1	2,958.2	3,315.8	2,520.6	2,176.4
Aklan	21.3	17.7	23.6	26.6	28.6	44.9	58.3	60.1	61.7	55.2
Antique	575.1	510.4	706.5	657.8	623.2	607.4	587.4	595.3	542.1	476.4
Capiz	906.4	947.0	1,015.3	988.0	873.0	967.4	913.5	1,579.8	1,172.0	936.8
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,465.0	1,018.9	812.5	1,073.4	653.1	1,234.6	1,181.4	862.7	321.9	375.9
Negros Occidental	565.7	358.9	146.5	113.9	114.4	180.8	217.6	217.9	422.9	332.2
Central Visayas	2,516.6	2,677.1	2,452.5	2,117.1	2,599.7	2,354.7	1,888.4	2,129.8	1,608.0	1,150.5
Bohol	92.7	294.0	354.9	246.9	183.1	145.7	125.9	57.1	128.9	193.5
Cebu	1,696.4	1,934.3	1,588.3	1,363.3	1,876.3	1,662.6	1,281.1	1,670.1	1,094.6	697.3
Negros Oriental	727.5	448.8	509.4	507.0	540.3	546.4	481.4	402.6	384.5	259.7
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	1,861.1	1,613.0	1,848.7	1,996.5	2,368.1	1,961.2	1,664.9	1,705.4	1,203.1	769.0
Biliran	142.1	58.7	87.9	92.9	66.6	69.4	71.5	72.8	76.2	61.7
Eastern Samar	476.1	120.4	..	..	..	..	..	..	39.2	168.0
Leyte	755.8	909.7	1,081.7	1,168.9	1,613.7	1,174.1	829.9	888.2	512.3	113.3
Northern Samar	169.3	179.5	176.3	178.3	162.9	168.8	180.4	193.6	193.9	202.7
Southern Leyte	155.0	164.8	142.0	158.4	137.3	203.3	277.1	270.9	160.2	34.9
Samar	162.8	179.9	360.9	398.1	387.5	345.6	306.1	279.9	221.3	188.4
Zamboanga Peninsula	11,028.9	12,807.4	15,536.8	11,425.6	12,822.8	17,282.8	15,995.5	15,400.0	22,819.9	19,547.8
Zamboanga del Nort	1,247.1	1,103.4	1,185.2	1,513.2	998.3	1,278.7	1,474.7	2,448.2	2,627.2	2,980.5
Zamboanga del Sur	1,930.0	2,405.7	2,862.2	3,286.8	3,413.3	3,786.4	3,848.0	3,946.2	3,677.5	3,588.2
Zamboanga City	7,172.1	8,618.6	10,402.7	6,226.8	8,090.6	12,023.4	10,456.0	8,797.6	16,373.3	12,861.8
Zamboanga Sibugay	679.8	679.8	1,086.7	398.8	320.6	194.3	216.8	208.0	141.8	117.4
Northern Mindanao	2,994.6	2,813.8	2,874.0	2,705.7	2,411.5	2,312.9	2,228.5	2,011.2	2,172.4	2,244.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	8.6	10.4	17.4	13.3	17.7	5.2	21.1	5.9	17.2	24.0
Lanao del Norte	593.6	772.1	612.8	559.9	466.5	521.1	488.4	502.7	558.7	593.8
Misamis Occidental	2,291.8	1,913.4	2,033.6	1,801.9	1,699.8	1,630.7	1,530.9	1,307.7	1,319.3	1,267.7
Misamis Oriental	100.6	117.9	210.2	330.6	227.4	155.9	188.1	194.9	277.3	359.3
Davao Region	1,242.9	1,075.5	975.3	1,608.2	1,731.3	1,348.6	833.9	658.3	419.3	303.0
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	734.4	498.0	423.7	738.9	1,041.4	840.8	317.6	241.3	181.7	101.3
Davao City	18.3	36.1	42.7	61.7	29.7	20.9	33.8	22.3	28.6	26.2
Davao Oriental	490.2	541.4	509.0	807.6	660.2	486.9	482.4	394.7	209.1	175.5
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	677.7	1,006.0	1,357.2	1,595.5	1,567.7	1,718.8	2,075.0	1,130.6	1,554.1	1,803.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	9.0	7.0	26.4	34.2	30.6	37.2	22.7	11.7	8.9	9.5
South Cotabato	173.4	505.2	838.3	1,062.5	1,064.7	1,229.8	1,523.3	603.3	1,058.3	1,281.2
Sultan Kudarat	495.3	493.8	492.5	498.9	472.4	451.8	529.0	515.7	486.8	512.4
Caraga	148.4	285.9	294.2	257.9	297.4	304.4	194.4	215.6	199.8	204.2
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	147.3	284.5	292.8	249.3	283.7	288.0	172.2	199.1	170.4	190.1
Surigao del Sur	1.2	1.4	1.4	8.6	13.7	16.4	22.2	16.5	29.4	14.1
ARMM	7,196.5	8,287.2	8,845.2	9,132.0	8,772.9	8,917.2	9,256.5	9,424.3	7,532.8	7,358.4
Basilan	3,137.3	3,441.4	3,659.6	3,805.4	3,502.5	3,591.1	3,717.1	3,853.6	2,104.1	1,933.2
Lanao del Sur	304.0	307.3	318.3	318.7	315.1	321.0	343.5	287.8	129.5	131.7
Maguindanao	104.5	149.8	163.0	144.4	146.0	142.3	144.5	96.3	110.4	119.5
Sulu	3,598.9	4,338.4	4,644.6	4,799.5	4,766.0	4,815.6	4,996.5	5,122.9	5,119.6	5,104.1
Tawi-tawi	51.9	50.3	59.7	64.0	43.4	47.3	54.9	63.7	69.3	69.8

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

Source: Philippine Statistics Authority

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Bigeye Tuna (Tambakol/Bariles)										
Philippines	**17,173.9**	**3,701.5**	**8,575.3**	**6,021.6**	**7,889.2**	**6,886.7**	**6,188.3**	**5,258.5**	**7,721.1**	**18,981.3**
NCR	..	..	140.0	..	..	..	..	125.7	191.3	265.6
Metro Manila	..	..	140.0	..	..	..	..	125.7	191.3	265.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	122.5	5.3	13.5	15.5	10.7	18.9	18.9	21.2	27.6	27.1
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	122.5	5.3	13.5	15.5	10.7	18.9	18.9	21.2	27.6	27.1
Cagayan Valley	561.7	39.1	29.9	28.3	15.1	22.9	23.4	33.5	29.3	26.1
Cagayan	561.7	39.1	29.9	28.3	15.1	22.9	23.4	33.5	29.3	26.1
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	265.9	215.5	227.8	89.6	71.8	58.3	57.3	52.1	18.8	48.3
Aurora	2.7	0.9	0.9	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	263.3	214.6	227.0	89.6	71.8	58.3	57.3	52.1	18.8	48.3
CALABARZON	790.2	181.8	465.1	482.9	1,279.1	1,583.0	1,054.5	563.0	1,410.9	1,181.9
Batangas	82.2	24.7	17.4	72.1	46.1	10.9	36.2	7.0	119.8	195.8
Cavite	2.0	..	..	..	9.6	43.1	58.7	433.4	399.0	240.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	706.0	157.1	447.7	410.8	1,223.4	1,529.1	959.6	122.7	892.2	746.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,336.9	126.8	900.2	232.0	218.9	232.5	232.5	226.0	271.8	285.0
Marinduque	..	..	..	..	..	..	..	..	2.7	2.6
Occidental Mindoro	267.9	25.6	221.7	142.1	135.4	141.8	140.6	133.7	154.2	176.3
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	1,023.1	94.5	658.3	60.5	23.5	17.9	16.7	18.6	31.2	44.9
Romblon	46.0	6.8	20.2	29.4	60.1	72.7	75.2	73.7	83.8	61.2
Bicol Region	383.8	250.3	434.9	490.6	506.8	485.8	515.5	545.6	649.1	754.4
Albay	362.9	246.2	434.9	490.6	504.1	480.1	496.1	488.0	487.1	537.2
Camarines Norte	..	..	..	..	..	..	..	51.7	137.4	56.7
Camarines Sur	..	..	..	..	..	..	..	..	17.6	16.8
Catanduanes	..	..	..	..	2.7	5.8	6.1	5.9	6.9	7.2
Masbate	11.8	3.0	..	..	..	..	..	..	..	135.0
Sorsogon	9.2	1.2	..	..	..	..	13.4	..	..	1.5
Western Visayas	576.3	50.5	135.3	181.5	246.9	297.2	581.8	662.3	494.6	363.4
Aklan	12.8	2.1	4.4	4.5	4.0	6.2	5.7	8.3	8.1	7.4
Antique	7.3	12.3	24.1	22.5	15.6	13.2	14.5	9.4	15.0	13.5
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	546.7	36.1	70.9	147.3	215.5	267.0	511.1	616.3	435.8	236.9
Negros Occidental	9.6	0.1	35.8	7.2	11.7	10.8	50.6	28.3	35.7	105.6
Central Visayas	294.5	68.8	63.8	53.2	27.7	28.7	51.6	13.4	12.2	132.5
Bohol	4.9	0.3	0.7	..	..	..	..	..	..	..
Cebu	191.9	4.0	..	..	..	..	..	..	..	..
Negros Oriental	97.7	64.5	63.1	53.2	27.7	28.7	51.6	13.4	12.2	132.5
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	1,761.9	251.3	2,409.1	1,487.7	1,912.1	737.3	591.2	448.7	702.9	514.1
Biliran	24.5	5.2	6.0	15.3	3.1	2.8	2.7	2.4	1.6	11.6
Eastern Samar	905.9	95.4	1,094.5	209.7	218.1	179.6	137.5	96.4	296.9	328.6
Leyte	345.2	67.1	984.0	1,020.6	1,482.5	371.7	329.6	241.7	295.0	70.0
Northern Samar	196.8	31.3	174.2	171.3	132.5	116.5	100.5	87.9	80.2	71.5
Southern Leyte	146.6	44.4	91.5	70.8	76.0	66.8	21.0	20.4	..	0.6
Samar	143.0	7.9	59.0	..	..	..	..	..	29.2	31.8
Zamboanga Peninsula	5,577.0	434.6	1,283.4	772.6	1,376.7	789.8	271.9	292.1	297.3	256.1
Zamboanga del Nort	342.1	26.9	22.3	..	4.9	..	..	..	..	..
Zamboanga del Sur	2,921.7	147.0	145.3	168.8	257.8	239.7	269.4	286.7	288.2	256.1
Zamboanga City	2,075.8	259.2	926.9	591.6	1,111.3	548.6	..	5.3	9.1	..
Zamboanga Sibugay	237.5	1.5	189.0	12.2	2.6	1.6	2.5	..	..	..
Northern Mindanao	829.3	73.2	402.8	260.0	275.2	252.4	250.0	272.1	338.8	348.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	705.4	65.2	363.5	212.3	201.9	173.8	178.8	204.3	272.3	286.7
Misamis Occidental	98.1	7.8	18.4	47.7	73.4	74.6	71.1	67.8	66.6	61.4
Misamis Oriental	25.8	0.3	21.0	..	..	4.0	..	..	..	..
Davao Region	1,273.9	1,083.7	665.5	684.9	634.8	1,143.0	1,292.2	930.7	730.4	441.2
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	8.9	..	8.6	..	..	..	26.6	..	..	..
Davao City	1,265.0	1,083.7	648.9	684.9	634.8	1,143.0	1,265.6	930.7	730.4	441.2
Davao Oriental	..	..	8.0	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	585.5	514.3	324.9	226.8	321.7	297.7	366.9	230.8	1,744.0	13,441.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	9.2	3.9	2.6	2.0	2.5	3.3	3.9	1.4	2.7	3.4
South Cotabato	502.1	436.7	249.9	176.0	294.4	267.8	332.2	189.3	1,702.5	13,395.8
Sultan Kudarat	74.2	73.8	72.5	48.9	24.9	26.6	30.8	40.2	38.9	42.0
Caraga	172.6	63.7	72.2	33.8	55.0	43.0	39.8	47.9	79.2	240.5
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	13.7	50.2	52.9	26.5	46.1	35.6	33.1	43.1	48.5	60.5
Surigao del Sur	158.9	13.5	19.3	7.3	8.9	7.4	6.7	4.7	30.7	179.9
ARMM	2,641.8	342.6	1,006.9	982.1	936.6	896.2	841.0	793.4	722.9	656.0
Basilan	16.0	19.7	20.6	16.8	14.6	13.6	13.9	12.2	31.5	66.6
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	12.9	0.4	4.0	4.8	4.6	4.6	4.7	3.6	3.8	21.2
Sulu	2,600.2	320.9	975.2	953.0	907.5	861.3	802.7	752.5	659.9	539.0
Tawi-tawi	12.8	1.7	7.2	7.6	9.9	16.7	19.7	25.2	27.7	29.2

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Blue Crab (Alimasag)										
Philippines	**2,208.6**	**1,748.1**	**1,580.8**	**1,349.6**	**1,103.6**	**1,064.9**	**1,178.0**	**815.5**	**1,109.3**	**1,392.8**
NCR	72.9	106.0	164.7	75.3	80.8	84.0	164.5	102.6	117.0	208.5
Metro Manila	72.9	106.0	164.7	75.3	80.8	84.0	164.5	102.6	117.0	208.5
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	99.1	31.9	12.1	9.1	9.6	18.2	15.0	15.3	16.3	20.0
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	5.3	0.6	3.0	3.8	6.9	8.9	9.8	9.6	9.6	9.2
Pangasinan	93.7	31.3	9.1	5.3	2.7	9.3	5.2	5.8	6.7	10.8
Cagayan Valley	8.2	2.9	3.6	7.1	6.3	5.0	1.7	2.2	1.5	1.5
Cagayan	8.2	2.9	3.6	7.1	6.3	5.0	1.7	2.2	1.5	1.5
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	167.7	74.7	46.6	56.0	47.4	48.5	55.1	37.8	39.0	36.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	71.0	..	..	..	..	..	..	..	..	..
Bulacan	96.6	74.7	46.6	56.0	47.4	48.5	55.1	37.8	39.0	36.7
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	355.3	122.9	124.7	113.2	140.4	149.5	294.1	195.8	167.9	331.3
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	163.9	64.8	101.9	113.2	140.4	149.5	294.1	150.8	167.7	200.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	191.4	58.1	22.8	..	..	..	..	45.0	0.2	131.0
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	108.2	93.9	76.8	82.2	123.8	84.9	90.3	87.4	38.4	64.8
Marinduque	..	..	..	..	..	..	..	..	0.2	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	11.5	6.8	0.7	0.5	0.5	0.4	0.4	0.5	..	..
Palawan	96.7	87.1	76.2	81.7	123.4	84.6	89.9	87.0	38.2	64.8
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	196.3	168.0	147.1	127.5	85.6	114.8	132.4	47.3	49.1	53.6
Albay	38.5	13.0	18.8	30.5	46.9	79.2	100.3	32.9	38.2	45.8
Camarines Norte	14.5	26.1	28.1	25.3	26.0	29.8	28.5	9.0	..	..
Camarines Sur	24.2	14.7	11.1	9.0	8.8	2.0	..	0.6	10.7	7.9
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	115.9	102.3	81.9	62.7	..	..	..	..	..	..
Sorsogon	3.3	11.9	7.1	..	3.8	3.8	3.7	4.7	0.2	..
Western Visayas	1,004.0	909.6	703.9	647.9	414.6	254.8	269.6	213.0	428.9	522.1
Aklan	..	0.3	..	0.3	0.1	0.5	0.1	12.0	2.8	2.8
Antique	0.0	..	..	..	..	..	0.2	0.2	..	..
Capiz	351.9	368.8	398.4	342.0	143.0	15.2	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	190.9	156.3	100.9	103.4	71.9	17.4	13.2	17.5	15.3	0.1
Negros Occidental	461.2	384.2	204.7	202.2	199.6	221.7	256.1	183.2	410.8	519.2
Central Visayas	6.0	5.5	4.8	4.2	4.2	3.2	0.5	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	6.0	5.5	4.8	4.2	4.2	3.2	0.5	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	171.4	214.3	277.5	187.5	153.7	231.8	126.3	83.1	115.9	77.2
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	6.8	..	..	..	..	..	..	..	..	..
Leyte	44.7	..	3.7	2.0	1.7	27.9	1.5	3.0	..	..
Northern Samar	19.2	14.0	28.7	25.5	24.1	19.5	16.3	13.2	13.1	10.6
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	100.8	200.3	245.1	160.0	128.0	184.4	108.6	67.0	102.8	66.7
Zamboanga Peninsula	..	..	1.5	9.2	0.9	0.9	0.3	5.4	70.5	52.7
Zamboanga del Nort	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	5.4	..	..
Zamboanga Sibuga	..	..	1.5	9.2	0.9	0.9	0.3	..	70.5	52.7
Northern Mindanao	..	..	1.4	14.5	21.3	53.2	18.1	18.4	18.7	11.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	1.4	13.3	21.3	53.2	18.1	18.4	18.7	11.5
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	1.2	..	..	..	..	..	..
Davao Region	1.4	1.0	..	..	..	..	..	..	28.8	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	1.4	1.0	..	..	..	..	..	..	28.8	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	..	..	..	..	..	..	1.1	1.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	1.1	1.3
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	2.4	2.6	1.5	..	..	2.9	..	..	0.1	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	2.4	2.6	1.5	..	..	..	..	..	0.1	..
Surigao del Sur	..	..	..	..	..	2.9	..	..	..	..
ARMM	15.9	15.0	14.7	15.9	15.1	13.4	10.2	7.2	16.3	11.5
Basilan	..	..	..	..	..	..	..	..	1.8	2.6
Lanao del Sur	..	..	..	..	..	..	..	6.0	9.0	8.9
Maguindanao	15.9	15.0	14.7	15.9	15.1	13.4	10.2	1.3	5.5	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Caesio (Dalagang-bukid)										
Philippines	**5,954.4**	**5,494.0**	**6,839.7**	**5,466.9**	**7,057.9**	**5,819.1**	**5,143.6**	**6,169.3**	**4,275.7**	**4,086.2**
NCR	2,120.7	1,985.6	2,614.7	1,381.6	2,780.3	2,439.3	1,809.4	2,036.8	1,923.7	1,876.2
Metro Manila	2,120.7	1,985.6	2,614.7	1,381.6	2,780.3	2,439.3	1,809.4	2,036.8	1,923.7	1,876.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	122.1	73.6	26.1	27.2	19.8	23.9	36.4	38.6	36.1	31.0
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	122.1	73.6	26.1	27.2	19.8	23.9	36.4	38.6	36.1	31.0
Cagayan Valley	51.7	86.6	339.9	290.6	230.1	231.8	226.4	209.8	170.8	146.8
Cagayan	51.7	86.6	339.9	290.6	230.1	231.8	226.4	209.8	170.8	146.8
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	9.2	3.5	28.4	5.8	0.1	0.1	0.1	4.3	6.1	19.3
Aurora	0.2	0.1	0.1	0.1	0.1	0.1	0.1	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	9.0	3.4	28.3	5.7	..	..	..	4.3	6.1	19.3
CALABARZON	592.8	493.7	557.9	313.2	601.9	404.4	408.3	971.3	430.7	443.1
Batangas	562.4	397.0	331.8	299.7	597.5	404.4	406.2	861.7	233.9	242.5
Cavite	..	..	..	..	..	..	..	93.4	196.8	169.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	30.4	96.7	226.0	13.5	4.3	..	2.2	16.2	..	30.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,060.2	1,204.6	1,471.6	1,603.5	1,747.4	1,340.5	1,514.8	1,478.4	653.3	775.6
Marinduque	..	..	..	..	..	..	..	..	..	0.4
Occidental Mindoro	101.9	78.9	82.2	76.4	70.5	71.9	80.9	83.2	79.0	93.9
Oriental Mindoro	16.7	14.7	14.4	14.0	13.5	12.4	10.8	9.5	8.2	8.9
Palawan	941.6	1,111.1	1,375.0	1,513.1	1,663.4	1,256.2	1,423.1	1,385.7	566.1	672.3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	101.3	109.6	104.2	188.7	263.2	283.7	296.4	258.7	230.4	240.9
Albay	5.0	..	9.9	68.3	128.2	172.3	195.8	189.6	187.5	199.8
Camarines Norte	16.5	18.0	18.0	16.7	19.4	19.4	26.6	17.7	..	..
Camarines Sur	69.1	87.7	76.4	103.8	115.6	92.0	74.0	51.3	43.0	41.2
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	10.7	3.9	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	394.5	292.6	254.9	575.9	307.5	281.9	316.7	324.4	265.8	168.7
Aklan	6.9	5.6	8.4	11.9	7.2	7.2	7.8	6.0	8.8	12.7
Antique	259.9	219.9	206.7	157.3	166.4	146.7	147.6	265.8	211.8	137.5
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	127.8	51.5	32.7	22.1	0.5	53.2	48.8	42.8	4.5	3.4
Negros Occidental	..	15.6	7.1	384.5	133.5	74.8	112.6	9.9	40.8	15.2
Central Visayas	102.7	61.6	57.0	43.1	28.4	29.0	5.0	2.5	41.7	51.8
Bohol	..	..	..	..	..	..	..	2.0	8.1	..
Cebu	102.7	61.6	57.0	43.1	28.4	29.0	2.9	..	15.7	46.1
Negros Oriental	..	..	..	..	..	..	2.1	0.5	18.0	5.7
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	652.8	278.1	410.5	373.1	242.9	310.4	25.7	94.8	77.3	44.2
Biliran	37.2	35.1	15.3	15.0	12.5	11.9	13.0	12.5	11.2	18.0
Eastern Samar	366.8	94.0	..	..	..	..	..	..	..	..
Leyte	193.5	108.4	370.6	348.9	224.5	293.5	10.3	73.0	..	9.3
Northern Samar	26.8	24.9	14.5	9.3	5.9	5.1	2.5	2.1	1.9	2.1
Southern Leyte	4.8	5.4	..	..	..	..	..	..	..	..
Samar	23.7	10.3	10.1	..	..	..	..	7.2	64.2	14.9
Zamboanga Peninsula	154.6	342.7	173.3	151.1	434.0	64.5	91.4	339.5	67.5	58.2
Zamboanga del Nort	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	19.2	5.9	0.3	..	..	..	..	..	..
Zamboanga City	80.4	250.9	125.0	150.8	434.0	64.5	91.4	339.5	67.5	48.1
Zamboanga Sibuga	74.1	72.5	42.4	..	..	..	..	..	..	10.0
Northern Mindanao	327.5	267.9	418.9	239.1	171.5	194.0	201.5	213.2	191.2	..
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	327.5	267.9	418.9	239.1	171.5	194.0	201.5	213.2	191.2	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	53.3	96.6	149.1	51.0	..	..	..	..	5.5	0.5
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	51.7	95.0	148.9	51.0	..	..	..	..	5.5	0.5
Davao City	1.7	1.6	0.3	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	44.6	18.5	52.0	32.5	16.8	24.8	28.6	10.6	0.6	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	44.6	18.5	52.0	32.5	16.8	24.8	28.6	10.6	0.6	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	18.4	30.0	24.8	37.7	67.6	29.5	24.0	3.3	11.0	44.7
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	18.4	30.0	24.8	36.7	58.8	18.0	9.2	..	10.5	13.8
Surigao del Sur	..	..	..	0.9	8.8	11.5	14.8	3.3	0.5	30.8
ARMM	148.1	148.9	156.5	152.9	146.5	161.3	158.9	183.1	164.0	185.4
Basilan	..	..	..	..	..	..	..	..	..	13.9
Lanao del Sur	24.0	24.8	27.1	28.4	28.1	38.4	34.0	55.3	29.9	29.9
Maguindanao	16.4	13.9	15.3	11.9	9.0	9.2	9.1	9.1	9.4	18.5
Sulu	83.0	86.6	86.6	84.3	84.7	86.7	90.7	92.2	97.1	95.2
Tawi-tawi	24.8	23.6	27.5	28.3	24.6	27.1	25.2	26.6	27.6	27.8

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cavalla (Talakitok)										
Philippines	**6,273.8**	**5,743.0**	**8,229.5**	**7,360.8**	**6,209.7**	**5,949.3**	**5,749.1**	**5,636.4**	**4,700.6**	**3,632.8**
NCR	28.4	315.6	72.7	52.7	61.1	91.9	59.0	171.6	215.5	225.5
Metro Manila	28.4	315.6	72.7	52.7	61.1	91.9	59.0	171.6	215.5	225.5
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	173.7	61.9	25.2	21.1	31.9	43.7	43.4	48.7	49.8	50.6
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	7.3	11.0	8.9	4.7	15.6	22.6	23.3	22.5	23.5	27.6
Pangasinan	166.5	50.9	16.3	16.4	16.4	21.1	20.0	26.2	26.3	23.0
Cagayan Valley	169.2	136.6	327.6	283.5	194.9	218.6	206.4	193.2	148.5	118.4
Cagayan	169.2	136.6	327.6	283.5	194.9	218.6	206.4	193.2	148.5	118.4
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	11.4	5.7	3.8	0.6	0.4	0.4	0.4	3.5	5.2	65.7
Aurora	0.8	1.1	0.8	0.6	0.4	0.4	0.4	..	..	..
Bataan	8.9	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1.8	4.6	3.0	..	..	..	..	3.5	5.2	65.7
CALABARZON	716.0	601.3	492.9	697.2	840.5	1,454.3	1,278.1	785.5	157.6	231.2
Batangas	59.8	42.2	31.5	31.2	33.4	23.5	21.4	4.2	29.0	21.9
Cavite	20.6	31.7	32.7	34.8	24.8	30.1	25.3	55.3	73.1	133.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	635.6	527.5	428.6	631.2	782.4	1,400.6	1,231.4	726.0	55.5	75.6
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,220.7	991.5	1,579.3	1,419.1	1,074.3	954.7	936.7	897.8	733.1	754.6
Marinduque	..	..	..	..	..	..	..	..	0.1	4.5
Occidental Mindoro	74.3	52.3	58.5	56.3	55.1	54.2	58.4	59.4	57.5	60.8
Oriental Mindoro	50.3	47.7	46.8	45.7	40.8	36.3	32.6	28.8	38.3	19.1
Palawan	1,096.1	891.3	1,472.5	1,308.0	978.4	864.2	845.7	809.6	630.4	658.4
Romblon	..	0.2	1.5	9.1	..	..	..	..	6.8	11.8
Bicol Region	318.9	331.1	333.5	334.9	356.0	318.9	205.1	186.8	145.9	131.7
Albay	76.7	98.0	105.4	120.4	127.8	105.5	..	75.0	58.2	65.0
Camarines Norte	83.8	96.5	115.1	103.0	108.7	112.4	117.7	43.8	19.1	4.8
Camarines Sur	121.6	99.3	84.2	87.8	97.0	76.1	61.0	40.6	46.7	41.4
Catanduanes	27.2	34.4	28.9	23.7	22.6	24.9	26.4	23.3	21.3	15.8
Masbate	9.7	3.0	..	..	..	..	..	..	..	4.8
Sorsogon	..	..	..	..	..	..	..	4.1	0.7	..
Western Visayas	1,058.7	1,197.3	2,442.8	2,499.6	1,685.0	1,272.1	1,510.5	1,595.1	939.6	360.5
Aklan	6.6	6.8	8.2	10.3	11.1	9.2	9.6	10.3	10.6	19.6
Antique	245.2	139.4	143.1	117.3	87.3	75.0	80.1	214.8	208.9	130.6
Capiz	4.0	5.7	10.1	6.7	5.4	2.5	0.6	0.4	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	587.3	705.2	2,200.3	1,858.4	1,435.6	1,075.0	1,275.6	1,200.5	696.0	185.9
Negros Occidental	215.6	340.3	81.0	507.0	145.7	110.5	144.7	169.1	24.1	24.4
Central Visayas	413.1	262.2	258.9	253.1	266.3	235.5	179.8	208.9	360.5	155.5
Bohol	58.0	13.6	0.6	1.5	2.5	10.0	1.3	7.0	..	9.6
Cebu	345.2	240.0	240.0	215.0	204.9	157.5	154.8	178.6	322.5	131.7
Negros Oriental	9.9	8.6	18.4	36.6	58.8	68.0	23.7	23.3	38.0	14.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	628.6	387.2	823.3	616.6	622.5	171.1	68.0	70.9	66.8	64.9
Biliran	28.9	13.1	5.1	5.7	3.8	3.0	2.9	2.7	2.9	..
Eastern Samar	377.7	90.1	..	..	..	..	..	..	..	..
Leyte	121.3	191.0	732.7	528.6	537.3	92.0	..	8.0	22.9	8.3
Northern Samar	42.1	43.9	49.0	44.7	46.0	41.8	36.4	32.1	28.4	27.6
Southern Leyte	21.2	25.5	..	..	..	..	..	..	..	..
Samar	37.4	23.5	36.5	37.6	35.4	34.4	28.7	28.1	12.7	29.1
Zamboanga Peninsula	668.2	447.4	902.6	371.8	305.8	319.2	342.9	572.1	639.1	317.6
Zamboanga del Nort	47.9	40.3	..	..	2.7	..	..	..	..	..
Zamboanga del Sur	281.0	96.9	75.3	95.6	81.6	86.3	96.3	114.0	117.1	107.1
Zamboanga City	71.4	116.4	458.6	148.2	108.2	109.2	116.2	324.5	450.0	164.1
Zamboanga Sibugay	267.9	193.8	368.7	128.1	113.3	123.8	130.5	133.5	72.0	46.5
Northern Mindanao	333.1	448.4	400.6	200.9	176.9	290.1	270.0	259.3	225.8	233.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	332.6	448.4	400.6	198.1	176.9	290.0	270.0	259.3	225.8	233.5
Misamis Occidental	0.5	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	2.8	..	0.1	..	..	..	..
Davao Region	2.4	2.0	0.7	1.0	..	2.2	24.3	11.2	13.5	51.1
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	0.7	..	..	..	..	0.7	24.3	11.2	13.5	2.7
Davao City	1.7	2.0	0.7	1.0	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	1.5	..	..	..	48.5
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	48.6	17.0	10.1	24.3	19.5	16.8	25.4	16.0	326.0	11.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	0.8	..	..	..	..	..	0.4	1.6
South Cotabato	48.6	17.0	9.3	24.3	19.5	16.8	25.4	16.0	325.6	9.9
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	17.3	36.5	37.8	64.1	57.4	26.8	32.7	29.4	11.8	18.6
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	17.3	36.5	37.8	60.1	55.2	24.7	24.3	20.8	11.8	15.3
Surigao del Sur	..	..	..	4.1	2.2	2.2	8.4	8.6	..	3.3
ARMM	465.5	501.5	517.9	520.4	517.2	532.9	566.5	586.4	661.8	842.0
Basilan	..	..	..	..	..	..	..	..	55.5	222.4
Lanao del Sur	28.1	29.9	32.1	32.1	31.9	34.4	44.4	46.2	32.8	31.1
Maguindanao	10.2	12.6	14.1	13.9	12.6	13.6	14.2	10.6	11.3	23.5
Sulu	394.8	427.6	436.3	440.1	441.1	446.7	472.4	488.7	515.7	515.5
Tawi-tawi	32.4	31.4	35.3	34.3	31.6	38.3	35.5	40.8	46.5	49.6

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Crevalle (Salay-salay)										
Philippines	**12,330.9**	**13,138.1**	**12,064.7**	**10,689.1**	**10,185.0**	**9,952.2**	**9,790.9**	**11,178.4**	**13,510.7**	**8,231.0**
NCR	83.6	211.8	139.9	60.9	38.4	80.7	96.9	80.0	136.4	206.2
Metro Manila	83.6	211.8	139.9	60.9	38.4	80.7	96.9	80.0	136.4	206.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	185.2	130.8	81.1	46.2	40.2	49.3	60.7	59.1	58.5	68.2
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	47.5	51.3	44.8	18.3	14.6	19.4	19.9	20.1	21.5	31.8
Pangasinan	137.7	79.5	36.3	27.9	25.7	29.9	40.8	38.9	37.0	36.4
Cagayan Valley	14.5	51.0	126.0	125.9	132.9	158.0	159.7	152.6	125.6	104.5
Cagayan	14.5	51.0	126.0	125.9	132.9	158.0	159.7	152.6	125.6	104.5
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	231.8	131.4	6.9	13.4	22.9	22.3	24.8	35.9	131.5	39.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	222.7	126.7	..	..	..	..	2.0	1.3	129.4	..
Bulacan	1.0	0.7	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	8.1	4.0	6.9	13.4	22.9	22.3	22.8	34.6	2.1	39.9
CALABARZON	267.4	256.3	224.5	235.4	125.8	96.5	478.5	234.7	122.7	214.9
Batangas	..	..	..	2.6	7.6	..	0.7	5.2	6.9	1.1
Cavite	89.8	134.6	111.5	150.1	67.4	23.3	15.7	71.9	98.6	193.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	177.6	121.8	113.1	82.7	50.9	73.2	462.1	157.6	17.1	20.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,048.5	862.6	1,176.1	1,155.4	1,150.0	1,345.0	1,410.8	1,193.5	877.6	831.0
Marinduque	0.3	..	..	..	..	3.6	..	..	0.7	4.5
Occidental Mindoro	96.4	80.7	87.3	80.7	82.6	82.5	85.3	86.8	85.6	81.3
Oriental Mindoro	18.8	19.1	18.9	18.8	17.3	17.5	19.2	19.5	10.4	14.1
Palawan	933.0	762.8	1,069.9	1,055.5	1,050.1	1,241.3	1,306.2	1,087.3	776.4	731.1
Romblon	..	..	..	0.4	..	..	..	..	4.5	..
Bicol Region	397.9	430.3	459.4	492.3	510.9	520.5	459.7	291.3	748.7	661.8
Albay	93.2	112.8	116.0	157.2	168.3	181.4	113.5	120.5	121.4	129.4
Camarines Norte	66.6	77.1	95.2	87.2	88.7	98.9	98.6	32.2	137.1	39.5
Camarines Sur	111.1	92.0	90.0	89.6	106.0	96.3	96.0	82.5	88.4	94.8
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	92.1	115.7	151.5	158.3	147.8	123.9	114.7	55.9	401.9	398.1
Sorsogon	34.9	32.8	6.7	..	..	20.1	37.0	0.2	..	0.0
Western Visayas	6,970.1	7,190.4	6,428.0	5,940.3	5,477.2	4,536.7	4,631.2	3,806.0	5,205.2	4,026.5
Aklan	27.5	26.4	22.4	22.5	24.0	21.9	20.7	18.4	21.8	17.4
Antique	8.0	7.3	12.2	10.8	9.8	15.0	29.6	29.6	42.5	27.7
Capiz	888.7	915.6	860.0	847.0	696.0	580.5	40.4	96.2	27.8	48.5
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	4,692.8	4,768.5	3,615.0	3,515.0	3,121.9	2,883.2	3,095.2	2,438.7	4,084.0	2,927.6
Negros Occidental	1,353.1	1,472.7	1,918.4	1,545.1	1,625.6	1,036.1	1,445.3	1,223.1	1,029.1	1,005.3
Central Visayas	651.1	567.3	474.8	473.5	504.7	1,198.4	908.7	1,187.2	754.7	344.5
Bohol	55.0	20.0	..	..	..	..	..	..	..	..
Cebu	590.2	541.3	469.0	465.5	497.4	1,192.4	901.8	1,181.3	753.0	342.4
Negros Oriental	5.9	6.0	5.8	8.0	7.3	6.0	6.9	5.9	1.7	2.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	293.2	183.9	146.3	147.7	136.6	186.0	157.5	148.9	311.1	268.4
Biliran	52.8	23.5	6.6	0.4	0.0	0.0	0.0	0.0	0.3	88.0
Eastern Samar	101.8	..	..	..	..	..	..	..	..	2.7
Leyte	70.8	100.1	14.9	12.8	4.2	18.9	16.4	15.2	..	11.7
Northern Samar	29.4	31.8	81.9	101.4	103.7	105.5	95.5	92.4	81.0	74.3
Southern Leyte	..	7.1	..	..	..	..	..	..	..	..
Samar	38.3	21.3	42.9	33.2	28.7	61.5	45.6	41.2	229.8	91.6
Zamboanga Peninsula	1,223.4	2,289.7	1,837.1	1,131.9	1,269.4	984.5	583.4	3,103.2	4,226.9	598.7
Zamboanga del Nort	26.2	9.4	..	..	..	..	..	..	..	..
Zamboanga del Sur	479.8	1,216.0	858.7	402.1	547.0	370.6	445.5	547.2	406.5	404.5
Zamboanga City	232.9	623.5	320.7	477.3	539.1	492.9	49.6	2,441.1	3,744.6	119.6
Zamboanga Sibugay	484.6	440.8	657.6	252.5	183.3	121.0	88.3	114.9	75.8	74.6
Northern Mindanao	318.9	220.2	333.4	218.8	182.8	178.9	201.2	220.1	188.8	192.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	318.9	220.2	333.4	218.6	182.8	176.7	201.2	220.1	188.8	192.7
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	0.2	..	2.2	..	..	..	..
Davao Region	15.3	67.2	88.9	90.0	51.1	23.5	10.2	9.6	12.0	2.1
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	0.1	..	..	..	5.9	0.2
Davao City	..	0.6	..	..	..	..	..	..	..	..
Davao Oriental	15.3	66.5	88.9	90.0	51.0	23.5	10.2	9.6	6.2	1.9
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	2.4	6.4	1.8	7.6	2.0	0.6	5.1	..	..	1.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	1.3
South Cotabato	2.4	6.4	1.8	7.6	2.0	0.6	5.1	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	26.9	48.6	23.5	23.4	14.3	16.7	16.4	14.0	5.6	9.7
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	26.9	48.6	23.5	22.6	14.3	16.7	16.4	14.0	5.6	9.7
Surigao del Sur	..	..	..	0.8	..	..	..	..	..	..
ARMM	600.9	490.5	517.0	526.5	525.8	554.5	586.0	642.4	605.2	660.6
Basilan	99.0	104.0	107.0	114.4	108.9	122.4	138.0	144.8	66.3	111.5
Lanao del Sur	4.6	4.7	5.1	5.2	5.1	13.2	12.3	42.2	47.7	47.6
Maguindanao	7.1	5.9	9.0	7.5	6.4	6.2	5.4	4.4	6.9	12.0
Sulu	466.9	354.0	371.7	374.3	380.4	382.7	395.5	412.2	443.7	450.0
Tawi-tawi	23.3	22.0	24.1	25.1	24.9	30.0	34.9	38.9	40.5	39.5

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Eastern Little Tuna (Bonito)										
Philippines	**38,418.4**	**34,634.5**	**23,102.8**	**21,494.6**	**21,650.3**	**22,178.9**	**20,985.0**	**20,184.5**	**21,227.5**	**20,439.2**
NCR	35.9	49.6	42.4	67.8	134.6	585.3	135.6	358.2	143.1	148.2
Metro Manila	35.9	49.6	42.4	67.8	134.6	585.3	135.6	358.2	143.1	148.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	86.9	51.2	31.3	5.6	7.3	16.9	11.7	18.5	22.5	23.0
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	1.6	1.3	1.0	1.0	1.1	1.2	2.4
Pangasinan	86.9	51.2	31.3	4.0	6.0	16.0	10.7	17.4	21.3	20.7
Cagayan Valley	533.9	699.3	666.4	542.1	399.4	424.1	426.1	421.3	427.1	399.2
Cagayan	533.9	699.3	666.4	542.1	399.4	424.1	426.1	421.3	427.1	399.2
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	83.5	28.8	282.0	162.6	45.4	181.7	147.1	106.3	65.1	408.0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	83.5	28.8	282.0	162.6	45.4	181.7	147.1	106.3	65.1	408.0
CALABARZON	182.8	223.0	133.7	3.7	6.1	3.2	16.1	20.4	5.8	..
Batangas	..	..	..	..	..	..	1.6	..	..	..
Cavite	1.0	..	..	3.4	6.1	3.2	14.6	10.0	0.4	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	181.8	223.0	133.7	0.4	..	..	..	10.3	5.4	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	136.5	237.7	329.3	323.4	353.8	356.6	449.5	402.7	282.1	310.6
Marinduque	..	..	..	..	..	..	..	..	5.0	5.5
Occidental Mindoro	..	108.0	183.3	180.7	181.7	182.9	198.3	208.8	205.4	230.5
Oriental Mindoro	3.2	2.7	2.3	2.0	2.3	6.0	7.5	31.2	35.7	53.3
Palawan	122.6	122.9	139.9	140.6	169.9	167.8	220.3	156.4	32.6	14.8
Romblon	10.7	4.2	3.9	..	..	..	23.4	6.4	3.4	6.5
Bicol Region	306.2	588.3	641.0	549.7	578.6	441.9	439.9	429.1	428.9	454.1
Albay	297.2	581.7	638.7	549.7	578.6	441.9	439.9	429.1	426.8	451.4
Camarines Norte	..	..	..	..	..	..	..	..	..	0.2
Camarines Sur	..	..	..	..	..	..	..	..	2.1	2.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	9.0	6.3	1.8	..	..	..	..	..	..	..
Sorsogon	..	0.3	0.5	..	..	..	..	..	..	..
Western Visayas	465.4	1,685.0	1,554.5	697.0	403.3	376.7	327.6	345.0	211.3	409.1
Aklan	41.2	35.2	28.6	27.3	33.1	37.1	39.9	36.0	33.2	37.9
Antique	39.0	40.5	50.0	33.3	22.0	25.7	30.6	37.6	34.5	67.1
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	195.2	1,568.0	1,383.0	576.7	312.8	274.5	169.3	217.9	60.7	95.6
Negros Occidental	190.1	41.4	93.0	59.8	35.4	39.4	87.8	53.5	82.9	208.5
Central Visayas	1,865.9	1,572.9	1,254.9	880.7	825.6	703.0	545.0	411.0	255.8	195.8
Bohol	15.1	26.7	24.8	1.5	3.1	..	..	..	10.3	0.2
Cebu	745.4	598.6	695.8	442.0	422.0	403.0	317.0	204.0	130.9	82.5
Negros Oriental	1,105.4	947.6	534.3	437.2	400.5	300.0	228.0	207.0	114.6	113.0
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	999.9	900.1	708.9	673.4	799.8	549.8	487.7	332.9	609.3	514.4
Biliran	6.0	35.2	12.3	12.3	7.6	7.4	7.1	6.7	5.1	33.6
Eastern Samar	115.3	..	..	..	..	..	..	..	234.3	233.9
Leyte	566.3	601.0	406.9	372.3	534.3	232.6	161.3	..	..	0.1
Northern Samar	134.0	141.4	122.0	134.2	117.9	131.9	134.8	144.1	133.0	119.0
Southern Leyte	112.8	83.3	167.7	154.4	140.0	173.0	184.5	182.1	232.7	117.3
Samar	65.5	39.2	..	..	..	4.9	..	..	4.2	10.6
Zamboanga Peninsula	20,215.6	16,802.9	5,472.0	5,889.8	5,021.8	6,126.2	6,046.0	5,543.8	5,011.9	5,679.9
Zamboanga del Nort	1,342.6	726.3	1,167.5	1,009.9	507.0	708.5	530.9	582.6	741.6	877.0
Zamboanga del Sur	4,425.7	2,542.8	1,544.0	2,115.1	2,816.8	3,538.9	4,009.1	4,383.2	4,248.7	4,230.1
Zamboanga City	14,306.4	13,303.6	2,637.4	2,740.4	1,650.7	1,831.6	1,446.3	508.6	0.3	570.0
Zamboanga Sibugay	141.0	230.3	123.1	24.5	47.3	47.2	59.8	69.4	21.3	2.8
Northern Mindanao	3,022.2	2,358.6	1,742.6	1,358.4	1,387.5	1,028.2	1,066.3	1,006.7	1,095.5	1,063.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	4.0	..	..	..	..	0.9	..	..	18.9	15.0
Lanao del Norte	710.6	1,090.7	721.1	560.6	592.6	261.3	302.3	290.4	315.0	331.3
Misamis Occidental	1,197.2	1,096.8	1,021.6	793.5	794.9	766.0	761.0	715.0	761.4	716.8
Misamis Oriental	1,110.3	171.1	..	4.2	..	..	3.0	1.3	0.2	0.2
Davao Region	471.2	177.8	220.1	132.2	236.3	175.3	253.7	176.3	187.5	65.7
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	3.8	4.0	..	..	..	5.1	5.0	..	31.6	0.2
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	467.4	173.8	220.1	132.2	236.3	170.2	248.7	176.3	155.9	65.5
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	1,300.5	378.0	581.3	476.3	1,512.3	1,087.2	708.8	102.0	2,031.3	316.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	9.6	2.5	1.4	9.6	6.0	16.3	3.3	..	..	5.6
South Cotabato	1,042.6	127.4	332.3	219.2	1,276.8	847.3	481.5	8.5	1,951.5	223.5
Sultan Kudarat	248.4	248.2	247.5	247.4	229.5	223.7	224.0	93.6	79.8	87.2
Caraga	19.0	27.8	28.0	190.6	102.1	75.6	82.9	124.8	214.8	329.1
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	4.9	24.0	28.0	28.4	38.1	33.4	39.4	95.2	99.7	135.9
Surigao del Sur	14.1	3.8	..	162.2	64.0	42.1	43.5	29.7	115.1	193.2
ARMM	8,693.1	8,853.5	9,414.5	9,541.5	9,836.5	10,047.3	9,841.0	10,385.6	10,235.8	10,122.5
Basilan	280.3	270.1	274.7	306.9	307.2	315.9	324.9	344.7	190.7	196.3
Lanao del Sur	4.1	6.7	6.9	7.3	7.2	14.1	12.0	36.0	35.0	35.1
Maguindanao	7.0	7.4	7.8	8.9	8.4	7.4	6.8	1.8	0.9	..
Sulu	8,380.9	8,551.3	9,105.0	9,199.4	9,490.9	9,682.0	9,467.5	9,968.8	9,973.3	9,853.7
Tawi-tawi	20.8	18.0	20.2	19.1	22.8	27.9	29.9	34.2	35.9	37.5

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

Source: Philippine Statistics Authority

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Fimbriated Sardines (Tunsoy)										
Philippines	**66,372.2**	**75,607.6**	**55,176.0**	**51,670.0**	**48,440.8**	**47,780.3**	**53,285.3**	**43,114.4**	**39,343.1**	**42,062.1**
NCR	328.8	172.4	150.3	557.4	1,490.7	1,631.4	1,580.5	1,649.6	545.4	678.1
Metro Manila	328.8	172.4	150.3	557.4	1,490.7	1,631.4	1,580.5	1,649.6	545.4	678.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	68.9	55.1	9.1	35.3	19.9	17.0	14.2	14.3	6.9	8.3
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	5.3	6.5	6.6	4.7	5.7	4.4	4.5	4.4	..	0.2
Pangasinan	63.6	48.6	2.5	30.6	14.3	12.7	9.7	10.0	6.9	8.0
Cagayan Valley	365.4	350.1	390.5	403.0	258.6	302.3	282.4	283.1	237.9	187.7
Cagayan	365.4	350.1	390.5	403.0	258.6	302.3	282.4	283.1	237.9	187.7
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	880.5	423.8	40.0	52.5	30.3	35.4	3,398.3	2,462.6	884.7	1,427.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	805.5	362.9	..	..	..	..	3,358.7	2,424.9	865.4	1,387.4
Bulacan	74.0	60.9	40.0	52.5	30.3	35.4	39.6	37.7	18.6	40.0
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1.0	..	..	..	..	..	..	..	0.6	..
CALABARZON	3,152.3	2,830.6	2,397.3	2,761.4	2,611.6	2,457.2	5,437.5	5,649.4	4,391.3	4,475.9
Batangas	..	..	..	..	..	..	0.9	..	..	..
Cavite	89.4	55.8	87.0	125.9	562.5	557.1	634.2	596.3	199.3	261.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	3,062.9	2,774.8	2,310.3	2,635.6	2,049.0	1,900.2	4,802.4	5,053.0	4,191.9	4,214.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,713.1	1,861.6	1,864.6	1,645.9	1,414.3	1,534.0	1,469.5	1,435.7	1,560.0	1,612.0
Marinduque	..	..	..	..	..	..	..	..	1.5	..
Occidental Mindoro	251.6	215.7	234.3	222.3	214.5	213.9	215.9	216.7	211.4	205.1
Oriental Mindoro	36.5	35.6	29.9	25.0	23.9	26.3	51.2	85.1	90.7	41.9
Palawan	1,425.0	1,601.2	1,600.4	1,398.6	1,175.9	1,293.9	1,202.3	1,133.9	1,256.3	1,365.1
Romblon	..	9.1	..	..	..	..	..	..	..	..
Bicol Region	15,316.0	17,170.9	17,816.0	17,471.1	17,418.6	16,921.9	16,164.6	14,812.7	14,007.4	15,235.4
Albay	695.3	642.7	859.9	737.0	845.0	635.8	636.4	597.8	581.9	622.2
Camarines Norte	403.4	396.0	399.7	374.2	383.1	395.6	399.1	233.4	181.2	239.3
Camarines Sur	6,969.7	8,950.5	9,958.8	10,093.1	9,891.9	9,639.2	9,405.9	8,265.1	6,999.5	6,293.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	2,697.6	2,710.4	2,848.3	2,832.0	2,832.1	2,992.7	2,948.9	2,604.0	2,019.0	2,182.0
Sorsogon	4,549.9	4,471.4	3,749.3	3,434.8	3,466.6	3,258.5	2,774.2	3,112.4	4,225.7	5,898.4
Western Visayas	9,230.9	10,718.5	8,651.3	7,492.2	6,887.3	4,740.6	9,996.2	3,031.9	4,237.3	5,780.8
Aklan	11.8	11.9	15.7	14.1	15.1	15.8	23.3	28.8	26.7	26.5
Antique	2.9	0.3	..	..	..	..	..	..	11.0	12.4
Capiz	3,841.6	3,216.4	3,622.7	3,707.0	3,928.0	2,907.0	8,622.3	1,726.6	2,187.0	3,143.7
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	2,559.8	4,344.0	2,561.5	2,128.9	1,294.1	961.4	823.0	744.9	717.1	1,271.1
Negros Occidental	2,814.8	3,145.9	2,451.4	1,642.3	1,650.2	856.3	527.6	531.6	1,295.5	1,327.2
Central Visayas	6,296.5	4,896.9	4,461.0	4,568.7	3,316.9	2,322.5	1,707.1	1,901.0	2,477.2	2,257.4
Bohol	205.0	206.9	21.4	17.4	13.8	6.0	5.6	23.0	20.9	0.2
Cebu	5,415.6	4,191.5	3,935.6	4,030.6	2,766.8	1,818.5	891.1	1,212.6	1,729.7	1,819.3
Negros Oriental	675.9	498.5	504.0	520.7	536.3	498.0	810.3	665.5	726.6	437.9
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	4,680.0	3,579.0	3,279.3	3,210.5	2,697.8	1,761.2	1,012.4	1,079.5	931.0	1,238.5
Biliran	5.3	4.3	10.0	4.2	2.3	2.3	1.4	1.2	2.7	..
Eastern Samar	214.3	..	..	..	..	..	..	..	..	..
Leyte	950.5	804.5	394.2	375.0	277.9	268.0	6.3	1.2	10.2	23.7
Northern Samar	112.2	109.7	95.6	97.6	158.4	167.0	175.6	193.2	198.6	197.1
Southern Leyte	2,708.2	2,220.5	2,210.0	1,944.9	1,489.7	860.4	540.1	513.3	530.2	553.5
Samar	689.6	439.9	569.4	788.8	769.5	463.5	289.1	370.6	189.3	464.2
Zamboanga Peninsula	19,744.2	27,931.5	9,090.3	6,406.0	5,777.9	9,414.7	5,713.8	3,930.5	4,624.4	4,454.1
Zamboanga del Nort	3,718.2	2,635.2	3,262.0	2,975.9	3,190.9	3,500.0	2,570.3	2,731.5	3,114.9	3,174.9
Zamboanga del Sur	2,584.2	890.7	689.5	518.1	611.5	896.6	1,037.9	1,077.5	1,205.4	1,083.7
Zamboanga City	13,425.6	24,397.5	5,121.6	2,828.9	1,929.5	4,987.3	1,988.9	85.0	..	2.8
Zamboanga Sibugay	16.2	8.1	17.1	83.1	46.0	30.9	116.7	36.4	304.2	192.7
Northern Mindanao	872.0	1,440.1	2,754.8	2,747.8	2,611.2	2,822.7	2,576.2	2,585.5	2,692.9	2,702.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	9.8	..	..	..	..	..	..
Misamis Occidental	872.0	1,218.1	2,754.8	2,738.0	2,611.2	2,822.7	2,576.2	2,585.5	2,691.9	2,702.9
Misamis Oriental	..	222.0	..	..	..	..	..	..	1.0	..
Davao Region	..	3.5	..	..	..	..	45.9	10.0	33.9	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	..	45.9	10.0	33.9	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	3.5	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	5.2	42.3	51.7	9.3	99.3	436.9	229.1	0.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	5.2	42.3	51.7	9.3	99.3	436.9	229.1	0.2
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	257.3	263.1	251.9	254.9	243.9	202.1	154.5	206.0	209.4	242.8
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	257.3	263.1	251.9	254.9	243.9	202.1	154.5	206.0	209.4	238.6
Surigao del Sur	..	..	..	..	..	..	..	..	..	4.2
ARMM	3,466.4	3,910.3	4,014.4	4,021.1	3,610.1	3,608.1	3,633.2	3,625.8	2,274.7	1,760.8
Basilan	2,370.0	2,836.0	2,966.4	2,985.8	2,570.8	2,569.8	2,571.6	2,562.0	1,199.3	664.0
Lanao del Sur	6.1	6.2	6.4	6.5	6.3	16.2	12.0	32.8	34.9	34.9
Maguindanao	6.8	7.7	6.9	4.1	..	..	..	2.1	2.2	..
Sulu	1,056.6	1,034.3	1,006.7	996.7	1,006.6	987.1	1,018.9	995.5	1,008.3	1,030.9
Tawi-tawi	27.0	26.1	27.9	28.0	26.4	35.0	30.7	33.4	30.0	31.0

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Flying Fish (Bolador)										
Philippines	**8,366.7**	**6,923.5**	**6,260.5**	**4,546.1**	**3,724.7**	**3,038.2**	**2,400.7**	**2,937.1**	**3,034.3**	**2,211.5**
NCR	7.7	..	2.2	..	..	..	..	5.4	83.7	48.2
Metro Manila	7.7	..	2.2	..	..	..	..	5.4	83.7	48.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	..	..	..	..	..	7.7	8.4	5.5	14.3	9.5
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	7.7	8.4	5.5	14.3	9.5
Cagayan Valley	22.6	27.0	34.5	29.5	26.8	22.3	29.5	35.0	24.7	19.4
Cagayan	22.6	27.0	34.5	29.5	26.8	22.3	29.5	35.0	24.7	19.4
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	0.8	1.1	0.8	0.1	..	..	..	..	1.3	3.7
Aurora	0.8	1.1	0.8	0.1	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	1.3	3.7
CALABARZON	..	10.1	3.8	..	2.8	13.3	32.5	0.2	2.9	9.5
Batangas	..	..	..	..	..	..	12.5	..	..	..
Cavite	..	..	..	..	..	11.7	12.5	..	1.0	0.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	..	10.1	3.8	..	2.8	1.6	7.5	0.2	2.0	8.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	39.3	38.1	50.6	65.1	85.2	64.1	73.3	76.5	52.0	49.4
Marinduque	..	..	..	..	..	..	..	..	2.8	..
Occidental Mindoro	6.6	7.6	10.2	9.5	9.0	9.5	9.3	9.3	9.7	10.2
Oriental Mindoro	10.9	11.8	10.0	9.9	..	..	..	..	0.3	..
Palawan	21.8	18.7	30.5	45.7	76.2	54.7	64.0	67.3	39.2	39.2
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	125.1	155.1	143.1	181.8	275.0	270.8	265.6	343.5	206.8	81.1
Albay	..	..	..	0.4	2.3	1.5	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	5.0	2.8
Camarines Sur	92.0	45.0	33.4	29.4	33.4	28.0	25.0	18.2	7.0	5.8
Catanduanes	..	..	..	..	..	..	..	..	4.0	3.7
Masbate	5.3	5.5	..	..	..	..	..	..	2.9	4.4
Sorsogon	27.8	104.6	109.6	152.0	239.3	241.3	240.6	325.3	187.9	64.4
Western Visayas	144.5	131.6	21.8	27.4	27.0	21.5	21.0	24.9	184.5	114.3
Aklan	22.3	11.8	16.4	14.3	16.4	14.5	13.4	15.9	12.3	6.8
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	122.2	119.8	1.0	2.7	6.4	0.9	0.4	..	..	1.7
Negros Occidental	..	..	4.5	10.3	4.2	6.1	7.3	9.0	172.2	105.7
Central Visayas	322.3	212.8	510.9	294.0	178.2	325.4	522.2	449.7	478.4	239.9
Bohol	38.8	18.8	3.6	..	..	..	112.7	108.1	30.1	64.9
Cebu	93.2	122.0	459.3	271.3	164.8	312.9	399.4	340.6	383.1	90.8
Negros Oriental	190.3	71.9	48.0	22.8	13.4	12.5	10.1	1.0	65.2	84.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	6,481.9	4,911.5	3,687.4	2,460.0	1,622.9	889.5	373.2	534.4	276.6	186.5
Biliran	41.8	14.9	9.6	0.0	..	..	..	..	..	..
Eastern Samar	631.9	192.4	..	..	..	..	..	..	..	..
Leyte	5,756.0	4,673.1	3,599.5	2,386.0	1,550.2	817.1	303.9	465.6	204.2	18.9
Northern Samar	24.8	31.3	78.3	74.0	72.7	72.4	69.3	68.7	69.6	68.6
Southern Leyte	19.9	..	..	..	..	..	..	..	..	86.6
Samar	7.6	..	..	..	..	..	..	..	2.8	12.5
Zamboanga Peninsula	70.1	213.4	271.8	168.2	157.0	144.3	4.9	140.4	172.6	18.4
Zamboanga del Nort	14.7	15.8	..	..	0.1	..	..	..	..	..
Zamboanga del Sur	43.4	193.3	270.0	20.6	..	..	..	..	0.4	..
Zamboanga City	2.2	4.0	..	147.6	156.9	144.3	4.9	140.4	172.2	18.4
Zamboanga Sibugay	9.7	0.2	1.8	..	..	..	..	..	..	..
Northern Mindanao	349.3	438.2	590.2	529.1	476.0	470.8	469.2	457.7	516.6	538.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	349.3	437.7	590.2	529.1	476.0	470.4	469.2	455.8	516.5	534.8
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	0.5	..	..	..	0.5	..	1.9	0.1	3.9
Davao Region	..	..	0.4	..	3.4	..	2.1	19.6	..	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	0.4	..	3.4	..	2.1	19.6	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	752.0	751.6	915.2	736.2	856.3	780.8	560.7	788.3	907.2	847.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	13.0	3.1	28.0	23.9	38.6	38.5	24.4	16.9	12.7	7.8
South Cotabato	647.1	657.3	797.9	628.0	746.7	662.5	478.0	725.8	864.6	813.3
Sultan Kudarat	91.9	91.2	89.3	84.3	71.1	79.8	58.3	45.6	29.9	26.1
Caraga	45.5	26.9	23.6	44.8	8.3	20.7	32.5	45.5	99.3	33.3
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	45.5	26.9	23.6	44.8	8.3	20.7	30.8	45.5	24.0	25.7
Surigao del Sur	..	..	..	..	..	..	1.8	..	75.3	7.6
ARMM	5.8	6.2	4.3	10.0	5.8	7.2	5.7	10.6	13.4	12.5
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	4.9	7.2	7.5
Maguindanao	5.8	6.2	4.3	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	10.0	5.8	7.2	5.7	5.7	6.3	5.0

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Frigate Tuna (Tulingan)										
Philippines	**88,244.3**	**81,492.6**	**80,621.7**	**70,462.1**	**72,572.6**	**73,647.2**	**74,973.6**	**78,859.5**	**77,097.8**	**65,200.6**
NCR	4,448.4	2,491.6	5,854.3	3,716.3	3,827.7	5,490.7	6,144.3	9,822.9	10,848.7	5,880.1
Metro Manila	4,448.4	2,491.6	5,854.3	3,716.3	3,827.7	5,490.7	6,144.3	9,822.9	10,848.7	5,880.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	59.9	39.6	9.8	13.5	13.3	23.1	24.1	41.1	224.6	422.0
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	5.0	..	0.7	0.8	0.8	0.7	0.7	0.6	0.5	0.3
La Union	6.0	9.0	6.4	6.4	5.9	5.0	5.2	2.9	..	..
Pangasinan	48.9	30.6	2.7	6.4	6.6	17.3	18.3	37.6	224.1	421.7
Cagayan Valley	2,171.5	1,532.7	1,226.9	1,161.4	853.8	825.1	899.4	1,058.6	1,009.1	913.7
Cagayan	2,171.5	1,532.7	1,226.9	1,161.4	853.8	825.1	899.4	1,058.6	1,009.1	913.7
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	336.1	556.4	448.6	494.5	292.7	273.1	323.3	280.6	186.9	354.8
Aurora	33.7	87.7	59.8	49.3	44.6	47.1	47.8	20.8	39.5	57.2
Bataan	5.2	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0.2	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	297.3	468.7	388.9	445.2	248.1	226.0	275.5	259.9	147.2	297.6
CALABARZON	11,695.9	11,891.3	10,505.9	8,616.8	11,327.1	10,958.3	11,700.8	11,420.3	6,754.3	6,387.1
Batangas	575.9	652.4	610.7	606.6	506.4	791.1	662.1	559.2	489.8	552.2
Cavite	285.9	220.7	328.7	133.6	166.6	187.0	255.6	401.9	408.1	459.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	10,834.0	11,018.1	9,566.5	7,876.6	10,654.1	9,980.2	10,783.1	10,459.1	5,856.4	5,375.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,699.1	4,183.3	3,627.6	3,124.3	3,150.3	2,969.8	3,003.8	2,674.2	2,534.3	2,893.7
Marinduque	38.5	31.1	28.6	10.9	9.6	15.6	17.2	16.9	14.8	22.6
Occidental Mindoro	606.4	540.8	542.0	516.6	516.8	518.6	545.6	585.5	602.2	658.6
Oriental Mindoro	200.1	215.1	240.4	249.4	251.3	284.5	297.7	312.8	367.7	398.7
Palawan	2,847.2	3,358.4	2,789.1	2,328.0	2,347.1	2,110.7	2,106.1	1,727.5	1,489.3	1,660.3
Romblon	6.9	38.0	27.5	19.5	25.4	40.4	37.3	31.5	60.3	153.5
Bicol Region	3,161.9	3,853.5	3,642.0	3,578.1	3,655.5	4,014.9	4,234.5	3,905.8	3,545.6	3,559.9
Albay	597.3	639.9	712.3	715.1	806.6	1,106.2	1,248.4	1,219.0	1,199.1	1,239.3
Camarines Norte	189.8	271.4	284.9	275.1	281.2	302.7	311.0	352.1	213.5	254.6
Camarines Sur	1,313.5	1,988.6	2,150.6	2,264.1	2,247.8	2,216.7	2,270.0	2,186.6	1,880.0	1,743.0
Catanduanes	105.8	95.7	55.2	53.6	51.6	54.8	58.2	52.5	54.1	52.0
Masbate	784.6	743.2	379.6	242.2	223.2	153.7	133.5	26.4	165.3	216.0
Sorsogon	171.0	114.8	59.4	28.1	45.2	180.9	213.4	69.2	33.7	55.0
Western Visayas	1,983.5	2,397.2	2,181.0	1,350.5	1,213.4	2,131.6	1,850.5	2,549.5	1,980.3	2,039.3
Aklan	43.4	69.0	81.6	76.0	76.1	82.8	86.2	86.4	81.8	67.0
Antique	361.7	612.6	1,037.9	294.3	247.4	264.9	258.6	255.9	239.4	284.3
Capiz	324.9	361.3	316.4	279.0	131.0	72.5	13.8	22.2	26.2	22.5
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	859.7	1,211.4	697.4	629.2	718.1	1,660.4	1,467.7	1,953.2	1,599.2	1,466.3
Negros Occidental	393.8	143.0	47.8	72.1	40.8	51.0	24.3	231.8	33.6	199.3
Central Visayas	7,042.1	6,667.6	5,385.6	4,340.6	3,970.1	3,918.4	2,771.7	2,539.8	1,406.9	1,172.5
Bohol	501.4	262.4	298.3	95.0	20.3	2.6	20.5	1.7	3.7	0.1
Cebu	5,593.0	5,296.9	4,011.0	3,602.7	3,437.6	3,429.2	2,373.6	2,195.4	1,146.9	646.5
Negros Oriental	947.8	1,108.3	1,076.3	642.9	512.2	486.7	377.6	342.7	256.4	526.0
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	4,155.3	3,975.5	4,146.3	4,532.8	3,457.1	3,427.9	2,645.4	2,424.3	2,279.3	1,229.4
Biliran	346.2	112.9	114.7	82.2	57.6	83.2	101.3	77.1	135.8	115.7
Eastern Samar	701.4	846.1	1,274.9	1,661.5	1,682.1	1,592.8	1,169.5	971.0	833.8	363.0
Leyte	1,867.2	2,102.0	2,054.2	2,203.5	1,100.4	1,024.7	644.2	657.9	667.2	275.6
Northern Samar	252.8	249.8	220.0	213.6	222.1	237.1	249.5	258.0	252.0	236.4
Southern Leyte	580.8	364.1	318.0	285.6	264.0	293.7	302.2	305.3	250.1	48.7
Samar	407.0	300.6	164.5	86.4	130.9	196.5	178.7	155.0	140.4	190.0
Zamboanga Peninsula	13,618.8	10,423.9	12,394.0	10,350.5	8,924.9	9,507.7	10,260.1	11,451.3	9,107.2	9,308.1
Zamboanga del Nort	2,568.0	2,220.7	2,225.2	2,212.4	1,488.5	1,193.1	930.5	1,257.8	1,212.2	1,315.4
Zamboanga del Sur	8,191.3	5,688.1	5,981.7	6,525.5	5,585.0	5,642.9	6,171.0	5,822.8	5,288.7	5,033.4
Zamboanga City	2,553.8	2,279.4	3,697.0	1,494.7	1,754.2	2,623.4	3,135.3	4,338.1	2,606.3	2,959.3
Zamboanga Sibugay	305.6	235.8	490.1	117.9	97.3	48.2	23.3	32.7	..	..
Northern Mindanao	9,152.3	11,619.9	5,813.5	7,528.9	6,275.9	5,600.4	5,253.1	5,301.8	5,754.8	5,639.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	5.0	128.7	127.0	149.9	122.0	120.3	89.2	98.6	180.0	139.1
Lanao del Norte	595.0	2,274.2	764.6	2,769.6	2,093.8	1,624.3	1,409.9	1,396.7	1,471.2	1,473.4
Misamis Occidental	8,153.3	8,653.0	4,566.1	4,289.1	3,894.1	3,692.3	3,466.4	3,201.3	3,114.8	3,042.6
Misamis Oriental	399.0	564.1	355.8	320.2	166.0	163.5	287.6	605.3	988.8	983.9
Davao Region	1,149.7	785.3	547.4	911.5	1,310.7	1,371.6	766.0	655.8	541.9	283.4
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	70.3	34.9	84.3	50.3	606.8	596.6	206.0	148.5	82.1	10.8
Davao City	39.4	30.1	21.3	16.7	17.1	8.5	16.2	9.4	20.1	20.2
Davao Oriental	1,039.9	720.3	441.8	844.5	686.8	766.6	543.9	498.0	439.7	252.4
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	12,883.5	6,345.0	8,135.9	4,064.0	6,492.2	5,405.0	6,662.1	5,809.5	12,740.5	5,758.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	72.9	78.4	57.8	64.4	66.7	50.7	19.0	11.3	13.9	8.8
South Cotabato	11,683.4	5,139.0	6,946.2	2,895.1	5,293.3	4,159.2	5,524.4	4,793.5	11,730.0	4,637.1
Sultan Kudarat	1,127.2	1,127.6	1,131.9	1,104.4	1,132.2	1,195.2	1,118.8	1,004.7	996.5	1,112.7
Caraga	1,086.2	1,424.8	1,555.6	1,247.7	1,115.5	1,016.3	914.5	923.0	815.1	990.9
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	247.6	263.1	340.8	352.4	323.6	276.6	267.5	222.2	209.1	237.8
Surigao del Sur	838.6	1,161.7	1,214.8	895.3	792.0	739.7	647.0	700.8	606.1	753.1
ARMM	11,600.2	13,305.1	15,147.3	15,430.9	16,692.3	16,713.4	17,520.0	18,001.0	17,368.3	18,368.1
Basilan	1,332.4	1,296.6	1,350.5	1,172.3	1,133.3	1,157.8	1,202.4	1,169.3	362.4	717.5
Lanao del Sur	532.4	532.9	546.2	544.3	539.9	513.8	651.9	525.1	399.5	403.8
Maguindanao	140.0	180.2	184.1	174.8	198.1	159.1	159.2	114.9	106.7	139.1
Sulu	9,564.8	11,263.6	13,032.0	13,503.6	14,786.0	14,836.3	15,456.9	16,129.0	16,418.9	17,027.6
Tawi-tawi	30.7	31.7	34.5	35.9	35.1	46.5	49.6	62.7	80.9	80.1

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Goatfish (Saramulyete)										
Philippines	**9,416.7**	**10,387.1**	**10,881.9**	**9,681.5**	**8,453.4**	**8,336.9**	**7,367.6**	**6,248.5**	**4,870.2**	**4,509.0**
NCR	848.2	824.6	1,111.3	917.9	857.4	970.7	660.8	385.4	472.9	364.9
Metro Manila	848.2	824.6	1,111.3	917.9	857.4	970.7	660.8	385.4	472.9	364.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	106.0	84.5	29.7	18.8	26.0	35.8	66.2	58.5	63.7	55.3
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	18.0	19.5	13.9	0.3	11.4	14.4	15.2	15.9	16.6	19.7
Pangasinan	88.0	65.0	15.8	18.5	14.7	21.5	51.0	42.7	47.2	35.6
Cagayan Valley	221.0	181.5	373.4	359.0	238.8	249.2	253.0	241.9	209.2	179.3
Cagayan	221.0	181.5	373.4	359.0	238.8	249.2	253.0	241.9	209.2	179.3
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1.0	0.8	8.5	..	..	..	..	..	0.5	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1.0	0.8	8.5	..	..	..	..	..	0.5	..
CALABARZON	1,449.2	505.5	681.2	562.5	620.6	294.9	427.0	238.9	592.8	151.8
Batangas	..	..	..	..	1.6	..	0.9	..	..	..
Cavite	..	1.9	1.6	5.9	16.1	48.8	10.6	17.9	3.3	40.2
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,449.2	503.6	679.6	556.6	602.9	246.1	415.6	221.0	589.5	111.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	510.3	529.9	573.7	564.6	674.2	714.0	802.6	801.8	435.5	574.9
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	278.2	190.1	207.0	200.6	202.4	199.6	202.9	203.3	205.9	192.0
Oriental Mindoro	33.1	26.8	26.1	26.1	25.2	22.7	23.5	23.1	8.7	9.6
Palawan	199.0	313.0	340.6	338.0	446.6	491.7	576.1	575.4	221.0	373.3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	376.1	462.7	556.8	575.4	530.1	558.7	540.0	204.9	358.5	369.7
Albay	27.6	..	..	..	1.0	1.0	..	..	..	1.2
Camarines Norte	210.7	239.3	302.9	298.8	291.4	309.3	314.0	39.5	142.9	199.0
Camarines Sur	102.8	186.2	198.3	215.0	237.6	222.3	197.5	165.4	194.0	164.3
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	35.0	37.2	55.6	61.6	..	..	..	..	21.7	5.2
Sorsogon	..	..	..	..	..	26.0	28.5	..	..	..
Western Visayas	4,016.7	5,575.0	5,817.5	5,096.7	3,990.6	3,923.2	3,664.5	3,262.3	1,856.5	2,083.3
Aklan	..	4.0	7.8	10.2	12.2	13.9	13.6	12.0	10.9	10.2
Antique	17.7	23.5	23.7	18.3	12.5	12.5	15.9	11.9	11.8	8.3
Capiz	673.2	694.6	682.5	600.0	545.0	255.3	228.1	144.5	145.6	170.7
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	2,479.8	1,497.6	1,562.8	1,472.6	1,059.8	977.4	837.5	516.0	473.7	497.1
Negros Occidental	846.1	3,355.3	3,540.7	2,995.7	2,361.0	2,664.2	2,569.3	2,577.9	1,214.6	1,397.0
Central Visayas	218.7	201.0	197.3	195.9	193.3	528.1	523.1	496.2	260.5	45.3
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	218.7	201.0	179.0	191.0	193.3	528.1	519.4	492.5	215.2	41.3
Negros Oriental	..	..	18.3	4.9	..	..	3.6	3.7	45.4	4.0
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	510.9	455.3	389.2	485.6	446.9	503.6	101.0	108.3	112.6	107.5
Biliran	25.6	2.0	2.2	2.6	1.1	1.1	1.1	1.0	1.6	8.2
Eastern Samar	39.4	..	..	..	..	..	..	..	..	..
Leyte	335.8	320.9	146.1	240.6	223.4	336.6	29.1	18.6	..	..
Northern Samar	1.6	3.5	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	108.5	129.0	240.9	242.5	222.4	165.8	70.8	88.7	111.0	99.3
Zamboanga Peninsula	959.4	1,490.5	1,037.1	815.5	813.3	495.9	258.7	387.6	445.8	269.6
Zamboanga del Nort	60.1	13.3	..	..	..	..	..	..	..	..
Zamboanga del Sur	114.8	111.5	40.7	..	..	..	..	..	..	..
Zamboanga City	102.7	883.0	547.7	373.5	385.9	268.4	52.9	217.2	205.2	22.8
Zamboanga Sibuga	681.9	482.7	448.7	442.0	427.5	227.5	205.8	170.4	240.6	246.8
Northern Mindanao	..	..	56.7	33.8	26.0	16.8	20.5	24.7	25.9	..
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	51.5	33.8	26.0	16.8	20.5	24.7	25.9	..
Misamis Occidental	..	..	5.2	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	88.9	..	..	..	8.0	0.6	15.1	..	2.0	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	88.9	..	..	..	8.0	0.6	15.1	..	2.0	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	12.6	14.3	3.1	21.1	8.2	17.7	7.5	9.8	2.9	276.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	0.8
South Cotabato	12.6	14.3	3.1	21.1	8.2	17.7	7.5	9.8	2.9	275.6
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	80.2	43.0	23.6	12.4	..	..	..	..	1.6	0.9
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	77.0	42.5	23.6	12.4	..	..	..	..	..	..
Surigao del Sur	3.2	0.6	..	..	..	..	..	..	1.6	0.9
ARMM	17.5	18.6	22.8	22.1	20.1	27.8	27.7	28.1	29.4	30.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	0.2	0.2	0.4	1.0	..	..	..	0.2	0.2	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	17.3	18.4	22.3	21.1	20.1	27.8	27.7	27.9	29.2	30.1

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

Source: Philippine Statistics Authority

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Grouper (Lapu-lapu)										
Philippines	**3,286.5**	**2,973.2**	**2,969.0**	**2,605.4**	**2,234.1**	**2,149.4**	**2,137.8**	**2,051.0**	**2,150.4**	**1,627.6**
NCR	28.1	49.0	64.6	56.4	65.2	40.6	46.1	33.4	197.1	250.3
Metro Manila	28.1	49.0	64.6	56.4	65.2	40.6	46.1	33.4	197.1	250.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	104.9	93.7	24.8	9.9	23.6	24.8	28.1	33.0	33.7	29.5
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	10.5	8.7	8.0	2.7	5.2	4.9	4.8	4.7	4.6	3.7
Pangasinan	94.4	85.1	16.9	7.1	18.5	20.0	23.3	28.3	29.1	25.9
Cagayan Valley	30.6	21.4	21.3	19.4	16.2	20.2	14.4	20.1	18.5	11.1
Cagayan	30.6	21.4	21.3	19.4	16.2	20.2	14.4	20.1	18.5	11.1
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	2.5	..	..	..	..	..	..	2.0	0.3	7.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	2.5	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	2.0	0.3	7.8
CALABARZON	196.7	310.6	280.4	424.4	360.1	258.7	399.7	281.9	143.1	186.7
Batangas	48.7	43.4	54.8	86.8	19.8	22.7	16.2	20.8	17.7	17.8
Cavite	20.3	53.4	54.7	125.6	86.1	98.9	161.2	84.8	97.2	98.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	127.7	213.8	170.8	212.0	254.2	137.2	222.4	176.3	28.2	70.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,099.1	874.6	868.8	840.9	614.4	667.8	595.9	627.6	193.3	210.7
Marinduque	..	..	..	..	..	..	..	..	..	0.1
Occidental Mindoro	52.9	37.6	39.4	39.2	39.5	38.6	44.0	42.3	42.7	42.5
Oriental Mindoro	12.0	8.6	7.3	6.4	6.2	5.6	4.5	3.9	8.5	7.8
Palawan	1,034.2	828.5	822.1	795.2	568.7	623.7	547.4	581.4	142.1	160.3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	50.1	53.8	45.1	60.6	83.0	196.5	200.5	180.9	167.2	184.3
Albay	..	..	3.3	26.4	50.3	168.7	172.6	154.9	155.8	167.8
Camarines Norte	17.0	18.4	20.0	17.4	19.4	21.6	21.9	16.6	0.3	0.1
Camarines Sur	..	..	..	..	..	..	..	..	1.7	7.8
Catanduanes	26.4	33.0	21.8	16.8	13.3	6.2	5.9	4.9	4.6	4.1
Masbate	6.7	2.5	..	..	..	..	..	..	4.5	4.6
Sorsogon	..	0.0	..	..	..	..	..	4.6	0.4	..
Western Visayas	823.2	495.1	339.4	273.2	108.6	138.9	116.1	84.2	216.9	210.1
Aklan	3.3	6.5	6.5	7.3	..	..	..	6.0	2.3	2.5
Antique	118.4	94.2	90.0	62.1	55.4	47.6	49.1	38.1	42.2	16.5
Capiz	3.1	2.1	1.7	0.5	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	536.9	331.2	233.4	200.1	49.9	0.3	2.4	2.0	4.2	11.3
Negros Occidental	161.5	61.1	7.7	3.3	3.4	91.0	64.6	38.1	168.3	179.9
Central Visayas	27.8	34.7	85.3	59.3	73.4	71.3	9.5	8.5	18.3	6.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	27.8	34.7	39.0	29.0	39.0	34.9	..	..	1.8	..
Negros Oriental	..	..	46.3	30.3	34.4	36.4	9.5	8.5	16.5	6.0
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	171.2	154.3	339.0	236.0	192.8	57.2	8.8	4.5	84.4	28.1
Biliran	26.2	4.0	0.6	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	53.6	79.6	317.5	223.5	183.3	47.5	2.3	1.7	..	..
Northern Samar	37.7	42.3	19.7	12.5	9.5	6.8	3.8	2.9	2.5	2.5
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	53.7	28.4	1.3	..	..	3.0	2.8	..	82.0	25.5
Zamboanga Peninsula	108.1	39.3	57.6	25.6	44.6	24.2	120.1	202.8	134.1	90.9
Zamboanga del Nort	..	1.9	..	..	..	..	..	..	..	..
Zamboanga del Sur	56.1	3.9	0.0	..	..	..	..	..	..	..
Zamboanga City	28.5	19.1	..	0.7	26.8	1.1	79.7	129.3	88.9	40.6
Zamboanga Sibugay	23.5	14.4	57.6	24.9	17.8	23.2	40.4	73.5	45.2	50.4
Northern Mindanao	309.7	482.1	489.4	308.9	275.4	309.4	299.6	289.0	270.4	..
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	309.7	482.1	489.4	308.9	275.4	309.4	299.6	289.0	270.4	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	0.3	0.9	..	..	..	0.6	21.3	7.8	4.4	1.2
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	0.6	21.3	4.0	4.4	..
Davao City	0.3	0.9	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	3.8	..	1.2
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	276.7	287.9	275.7	222.1	316.5	269.4	190.0	196.2	507.1	119.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	0.0
South Cotabato	56.0	67.1	52.3	32.0	122.7	84.4	30.6	132.3	467.9	77.3
Sultan Kudarat	220.7	220.8	223.4	190.1	193.8	185.0	159.4	64.0	39.2	41.7
Caraga	10.6	22.3	18.4	10.9	4.1	6.3	7.6	2.0	10.6	11.2
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	10.6	22.3	18.4	9.4	..	..	..	..	0.5	0.9
Surigao del Sur	..	..	..	1.5	4.1	6.3	7.6	2.0	10.1	10.3
ARMM	46.9	53.5	59.2	58.0	56.5	63.5	80.2	76.9	151.0	280.5
Basilan	..	..	..	..	..	..	..	..	71.9	216.7
Lanao del Sur	18.4	19.7	21.5	21.2	21.1	21.7	29.5	26.6	26.2	25.9
Maguindanao	12.2	12.1	14.7	14.4	14.4	16.1	17.1	12.9	13.5	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	16.4	21.7	23.0	22.4	21.0	25.6	33.6	37.5	39.3	37.9

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Hairtail (Espada)										
Philippines	**7,955.2**	**7,168.8**	**7,258.9**	**6,654.9**	**4,697.2**	**4,589.7**	**4,250.5**	**4,332.4**	**5,435.3**	**4,188.8**
NCR	66.4	59.8	63.1	24.6	76.5	291.9	217.9	122.6	123.0	206.8
Metro Manila	66.4	59.8	63.1	24.6	76.5	291.9	217.9	122.6	123.0	206.8
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	385.1	302.0	163.8	186.2	96.8	126.1	149.8	149.7	175.8	139.1
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	253.8	190.8	122.4	132.8	66.8	88.1	94.1	95.2	102.8	86.1
Pangasinan	131.3	111.2	41.4	53.4	29.9	38.0	55.7	54.5	72.9	53.0
Cagayan Valley	829.0	932.9	1,365.5	1,329.4	885.9	964.9	1,090.3	1,104.6	1,101.7	828.7
Cagayan	829.0	932.9	1,365.5	1,329.4	885.9	964.9	1,090.3	1,104.6	1,101.7	828.7
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	133.1	83.3	..	..	..	..	..	..	10.5	9.1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	123.1	79.5	..	..	..	..	..	..	..	..
Bulacan	10.0	3.8	..	..	..	..	..	..	10.5	6.1
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	3.1
CALABARZON	2,715.2	1,756.3	1,399.3	1,508.9	305.2	262.8	281.6	692.9	2,457.2	1,778.5
Batangas	..	..	0.1	3.2	..	..	1.0	..	..	..
Cavite	48.8	48.9	68.2	30.9	42.3	32.5	91.8	60.5	60.8	108.1
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	2,666.5	1,707.4	1,331.0	1,474.7	262.9	230.3	188.8	632.4	2,396.5	1,670.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	418.8	305.1	300.2	250.8	235.9	308.6	312.0	309.0	211.1	216.0
Marinduque	1.4	..	..	..	..	..	..	..	..	0.3
Occidental Mindoro	131.8	77.3	72.3	65.2	66.5	67.2	70.8	69.1	75.8	83.5
Oriental Mindoro	7.1	6.6	2.7	3.1	3.1	3.3	3.8	3.2	4.1	..
Palawan	278.5	221.2	225.2	182.6	166.3	238.0	237.4	236.7	131.3	132.2
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	191.9	323.4	329.2	334.0	323.5	207.6	183.4	170.6	131.2	185.0
Albay	73.1	50.6	29.2	37.4	41.5	9.0	..	7.3	23.4	45.6
Camarines Norte	..	..	..	..	..	..	..	8.1	3.3	2.5
Camarines Sur	87.0	240.3	261.2	252.6	230.8	191.1	174.0	155.0	98.4	136.4
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	31.8	29.5	38.7	44.0	51.2	7.6	9.4	..	6.0	0.6
Sorsogon	..	2.9	..	..	..	..	..	0.2	0.1	..
Western Visayas	1,935.7	2,074.7	2,499.8	2,220.2	2,049.2	1,671.1	1,394.7	1,109.5	506.2	520.8
Aklan	3.6	3.6	..	..	2.2	2.3	2.9	4.7	8.5	12.1
Antique	2.4	0.4	0.2	..	..	0.6	1.1	2.4	1.6	1.8
Capiz	849.9	940.6	929.6	952.0	829.0	482.0	76.7	235.5	93.8	94.8
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	632.8	468.1	458.1	540.3	537.6	661.2	433.6	342.9	289.3	360.8
Negros Occidental	447.0	662.1	1,111.9	727.9	680.4	525.0	880.5	524.0	113.0	51.3
Central Visayas	203.6	144.4	122.0	97.5	100.3	114.3	80.5	170.9	119.3	64.3
Bohol	..	..	..	..	..	..	..	4.6	..	..
Cebu	72.5	51.3	42.0	35.0	49.3	51.3	15.2	44.2	1.5	..
Negros Oriental	131.1	93.1	80.0	62.5	51.0	63.0	65.4	122.1	117.8	64.3
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	479.0	381.0	425.1	297.5	203.4	234.7	151.1	124.5	195.2	78.6
Biliran	22.0	18.8	6.1	1.3	0.7	1.0	1.0	0.8	0.8	..
Eastern Samar	37.0	..	..	..	..	..	..	..	..	..
Leyte	254.2	165.7	192.2	115.5	27.2	78.3	13.5	6.6	3.3	..
Northern Samar	73.5	83.4	24.1	20.5	6.4	7.2	6.7	6.1	5.7	4.6
Southern Leyte	8.4	9.2	..	..	..	..	..	..	31.5	..
Samar	84.0	104.1	202.8	160.3	169.2	148.2	130.0	111.0	154.0	74.1
Zamboanga Peninsula	182.4	200.8	144.3	157.5	148.4	117.8	93.1	85.4	66.1	23.0
Zamboanga del Nort	30.1	14.9	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	38.5	10.5	..	..	..	..	..	..	..
Zamboanga City	..	0.2	2.0	..	48.7	..	..	..	..	3.1
Zamboanga Sibugay	152.3	147.2	131.7	157.5	99.7	117.8	93.1	85.4	66.1	20.0
Northern Mindanao	288.4	558.0	413.7	224.8	232.5	268.8	268.6	281.6	278.0	97.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	288.4	558.0	413.7	224.8	230.0	268.8	268.6	281.6	278.0	97.1
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	2.5	..	..	..	..	0.8
Davao Region	11.6	3.8	2.8	..	7.6	..	1.7	..	34.1	21.4
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	6.6	3.8	2.4	..	7.6	..	1.7	..	34.1	21.2
Davao City	..	..	0.4	..	..	..	..	..	..	..
Davao Oriental	5.0	..	..	..	..	..	..	..	..	0.2
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	0.5	1.4	1.4	4.2	3.7	6.2	13.3	0.6	8.7	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	0.5	1.4	1.4	4.2	3.7	6.2	13.3	0.6	8.7	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	90.7	26.4	13.0	3.5	12.1	3.5	3.0	2.3	9.4	11.8
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	90.7	26.4	13.0	3.5	12.1	3.5	3.0	2.3	7.1	11.0
Surigao del Sur	..	..	..	..	..	..	..	..	2.3	0.8
ARMM	23.8	15.5	15.7	16.0	16.2	11.5	9.5	8.1	8.0	7.9
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	4.0	3.0	3.3	5.0	4.5	3.2	3.0	0.8	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	19.9	12.5	12.3	11.0	11.8	8.3	6.5	7.3	8.0	7.9

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Indian Mackerel (Alumahan)										
Philippines	**37,416.7**	**36,567.9**	**43,152.3**	**37,028.7**	**36,268.9**	**41,205.9**	**36,908.2**	**32,144.1**	**23,933.2**	**22,720.5**
NCR	513.5	687.2	1,378.7	897.4	603.5	1,191.6	805.6	567.9	623.1	555.3
Metro Manila	513.5	687.2	1,378.7	897.4	603.5	1,191.6	805.6	567.9	623.1	555.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	390.9	244.0	231.2	239.3	138.8	197.5	226.6	200.9	202.3	227.6
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	2.6	0.7	1.0	1.0	7.7	44.9	44.4	43.8	46.2	51.2
Pangasinan	388.3	243.3	230.3	238.3	131.0	152.7	182.2	157.0	156.1	176.4
Cagayan Valley	24.6	58.8	175.3	174.1	126.3	146.5	136.6	124.1	114.8	112.2
Cagayan	24.6	58.8	175.3	174.1	126.3	146.5	136.6	124.1	114.8	112.2
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	265.6	141.4	71.9	68.8	58.2	52.7	59.2	67.8	38.8	59.5
Aurora	0.4	0.3	0.4	0.3	..	0.2	0.3	..	..	..
Bataan	142.0	94.5	..	..	..	..	..	..	..	..
Bulacan	64.5	28.5	29.3	19.9	9.7	8.0	14.4	17.2	3.1	1.6
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	58.7	18.1	42.3	48.6	48.5	44.5	44.5	50.6	35.7	57.9
CALABARZON	9,744.2	9,160.7	11,039.5	9,424.6	8,989.6	10,761.0	10,403.7	7,746.6	2,524.7	4,361.1
Batangas	211.2	159.9	139.1	137.5	132.2	117.3	82.8	78.8	50.2	90.7
Cavite	120.3	179.7	685.9	786.3	255.3	363.8	198.5	286.9	158.4	226.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	9,412.7	8,821.1	10,214.5	8,500.8	8,602.1	10,279.9	10,122.5	7,380.9	2,316.1	4,043.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,301.0	2,450.9	2,835.6	2,078.6	2,112.7	2,146.7	2,069.7	2,137.2	1,918.2	1,735.7
Marinduque	8.0	6.9	6.9	5.0	1.5	2.1	..	..	7.3	11.5
Occidental Mindoro	386.5	318.1	337.0	321.0	328.8	325.1	325.6	327.5	313.6	351.0
Oriental Mindoro	129.5	122.4	131.2	124.6	129.4	148.6	158.4	166.7	146.1	187.8
Palawan	1,748.8	1,979.8	2,313.2	1,611.5	1,641.7	1,647.8	1,548.0	1,637.0	1,428.1	1,176.9
Romblon	28.3	23.8	47.4	16.5	11.4	23.3	37.7	6.0	23.2	8.4
Bicol Region	1,907.5	2,349.0	2,599.5	2,653.4	2,495.9	2,401.7	2,436.4	2,385.3	1,997.4	1,803.6
Albay	622.4	677.7	752.5	728.2	734.7	678.0	687.4	701.9	690.4	708.7
Camarines Norte	187.3	227.4	258.7	253.7	251.2	267.9	276.8	328.7	238.7	191.1
Camarines Sur	692.6	1,077.5	1,279.1	1,393.3	1,393.7	1,391.7	1,389.9	1,308.7	1,047.2	866.3
Catanduanes	..	..	16.7	19.5	17.5	21.6	21.5	20.7	20.9	14.4
Masbate	300.1	291.3	256.0	245.2	90.6	..	..	..	..	23.1
Sorsogon	105.1	75.2	36.5	13.5	8.3	42.7	60.8	25.4	0.2	..
Western Visayas	4,505.7	3,739.4	3,482.8	4,532.3	3,645.4	4,251.1	3,789.4	3,559.9	2,184.4	2,525.2
Aklan	23.1	19.8	19.3	20.8	20.9	24.2	26.2	27.8	24.6	21.5
Antique	122.0	119.6	125.6	118.1	153.1	148.0	152.0	153.2	183.1	152.7
Capiz	1,142.0	1,150.1	1,254.2	1,314.0	984.0	593.9	174.9	232.8	314.4	283.6
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,659.2	925.8	801.4	907.5	1,357.5	2,887.8	2,679.9	2,143.7	1,243.5	1,599.1
Negros Occidental	1,559.4	1,524.1	1,282.4	2,172.0	1,129.9	597.3	756.5	1,002.4	418.8	468.3
Central Visayas	1,585.1	1,063.7	1,082.6	971.3	952.8	1,760.7	1,502.4	1,240.6	1,550.7	975.9
Bohol	47.8	43.3	41.7	45.1	114.5	16.7	44.1	10.1	0.2	..
Cebu	1,041.9	544.5	668.8	574.3	538.5	1,457.8	1,253.6	1,064.8	1,321.2	858.9
Negros Oriental	495.4	475.8	372.1	351.9	299.8	286.2	204.7	165.7	229.3	117.0
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	2,659.0	2,425.3	2,781.3	2,670.5	2,561.5	1,916.1	1,202.8	1,080.8	1,286.8	763.3
Biliran	352.4	382.4	317.0	212.7	205.1	213.8	209.1	202.9	323.6	139.5
Eastern Samar	301.3	..	..	..	..	..	..	..	..	..
Leyte	1,117.5	1,509.0	1,740.9	1,681.0	1,593.4	931.2	130.8	..	234.8	19.0
Northern Samar	135.4	129.4	177.3	175.9	194.7	215.4	230.5	242.2	245.7	246.5
Southern Leyte	187.3	144.0	153.0	152.7	132.1	177.3	178.0	180.2	169.4	34.8
Samar	565.1	260.5	393.2	448.2	436.2	378.4	454.4	455.5	313.4	323.5
Zamboanga Peninsula	6,863.8	6,716.3	9,098.7	5,551.1	7,038.6	9,401.9	6,716.3	6,124.3	5,214.3	3,286.0
Zamboanga del Nort	693.5	651.9	416.3	417.4	123.1	107.8	123.3	87.2	133.3	135.4
Zamboanga del Sur	1,014.1	1,488.6	1,777.5	2,215.7	1,756.0	1,387.7	1,404.0	1,290.6	1,060.4	861.4
Zamboanga City	4,035.6	3,097.3	6,112.0	2,733.4	5,029.7	7,763.0	5,082.8	4,648.0	4,005.7	2,248.4
Zamboanga Sibugay	1,120.6	1,478.6	792.9	184.6	129.7	143.4	106.3	98.6	15.0	40.8
Northern Mindanao	462.5	387.2	1,364.4	439.5	449.0	424.4	1,133.5	497.6	551.3	506.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	0.1	..	..	0.1	..	..
Lanao del Norte	263.2	241.3	237.7	98.0	106.4	89.4	113.4	125.8	129.7	130.4
Misamis Occidental	141.0	131.1	1,023.4	327.2	337.8	319.9	369.5	319.1	357.2	299.7
Misamis Oriental	58.3	14.7	103.3	14.2	4.8	15.0	650.6	52.7	64.3	76.2
Davao Region	1,025.1	1,036.2	856.5	1,372.1	1,061.3	302.6	170.8	187.6	150.5	75.1
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	826.4	909.2	765.3	1,203.1	1,007.1	232.4	98.0	135.8	120.6	37.1
Davao City	28.0	32.7	31.6	40.2	25.4	33.9	38.3	24.8	23.7	26.3
Davao Oriental	170.8	94.3	59.6	128.7	28.8	36.3	34.5	27.0	6.2	11.6
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	218.4	227.0	228.5	182.5	183.2	198.4	153.3	87.3	104.5	119.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	1.9	..	..	..	..	..	0.9
South Cotabato	15.9	29.0	33.7	16.6	18.0	31.1	40.1	9.1	17.7	27.1
Sultan Kudarat	202.5	197.9	194.9	164.1	165.2	167.3	113.2	78.2	86.9	91.6
Caraga	20.1	26.7	56.2	48.2	85.9	88.3	50.6	61.1	108.2	138.5
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	20.1	26.7	44.5	48.2	81.6	84.1	38.6	61.1	67.9	98.8
Surigao del Sur	..	..	11.7	..	4.3	4.2	12.0	..	40.3	39.7
ARMM	4,929.8	5,854.2	5,869.5	5,725.2	5,766.3	5,964.6	6,051.5	6,075.2	5,363.3	5,475.7
Basilan	1,973.1	2,095.9	2,066.6	1,881.0	1,750.8	1,755.7	1,833.1	1,774.4	1,255.2	1,521.0
Lanao del Sur	135.6	140.9	151.1	147.9	145.7	256.9	279.9	249.6	175.2	179.5
Maguindanao	88.8	101.9	105.9	74.9	73.2	72.5	71.9	42.9	42.6	..
Sulu	2,693.7	3,472.4	3,502.4	3,579.6	3,755.1	3,828.1	3,807.8	3,942.8	3,810.0	3,696.5
Tawi-tawi	38.6	43.2	43.5	41.8	41.5	51.4	58.9	65.5	80.3	78.6

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Indian Sardines (Tamban)										
Philippines	**22,841.1**	**21,674.0**	**23,392.1**	**22,208.3**	**16,710.5**	**14,419.8**	**12,813.9**	**12,400.7**	**13,470.6**	**11,894.5**
NCR	203.1	241.1	952.9	857.1	321.6	354.3	492.9	373.6	524.9	270.3
Metro Manila	203.1	241.1	952.9	857.1	321.6	354.3	492.9	373.6	524.9	270.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	206.4	133.1	72.6	82.3	75.2	132.8	117.7	102.4	116.9	119.7
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	43.5	42.3	29.5	12.2	23.4	43.9	46.7	47.4	49.7	54.0
Pangasinan	162.9	90.7	43.0	70.1	51.8	89.0	71.0	55.0	67.2	65.7
Cagayan Valley	25.8	33.2	84.8	110.7	86.2	103.6	108.0	120.2	104.4	104.7
Cagayan	25.8	33.2	84.8	110.7	86.2	103.6	108.0	120.2	104.4	104.7
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	385.1	243.2	111.6	109.5	90.5	78.4	83.5	915.1	801.5	103.5
Aurora	0.3	0.2	0.3	0.3	..	0.2	0.3	..	..	..
Bataan	262.6	135.2	..	..	..	..	2.0	815.0	738.5	25.6
Bulacan	75.3	44.1	42.9	46.8	23.8	16.7	21.0	22.6	15.6	23.9
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	46.9	63.7	68.4	62.4	66.7	61.4	60.2	77.5	47.4	54.0
CALABARZON	717.1	638.3	977.8	1,260.5	790.9	484.9	493.3	516.7	493.6	259.5
Batangas	157.0	126.2	108.3	100.9	94.2	76.4	52.8	26.5	28.7	34.5
Cavite	245.3	213.0	741.6	1,048.4	419.6	297.3	271.7	444.3	455.0	208.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	314.8	299.1	128.0	111.2	277.2	111.2	168.8	45.8	9.8	16.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,097.6	1,182.2	1,666.2	1,509.5	1,583.9	1,593.7	1,729.1	1,427.8	2,502.7	2,396.9
Marinduque	1.0	..	..	..	..	..	..	..	..	2.4
Occidental Mindoro	276.8	194.9	210.9	194.3	194.0	188.1	190.6	193.2	195.1	170.5
Oriental Mindoro	33.0	33.5	32.6	31.7	29.2	48.3	45.0	43.4	42.5	43.1
Palawan	772.9	938.1	1,379.7	1,228.7	1,342.2	1,355.5	1,481.6	1,186.4	2,263.9	2,181.0
Romblon	14.0	15.6	43.1	54.9	18.5	1.9	11.9	4.9	1.2	..
Bicol Region	288.8	423.4	476.9	547.8	472.9	354.6	351.4	246.2	441.6	266.9
Albay	15.2	..	..	..	..	..	..	..	..	..
Camarines Norte	33.7	43.2	43.0	39.9	44.9	48.8	52.9	4.5	167.8	..
Camarines Sur	1.0	118.3	149.1	186.5	166.2	146.1	145.8	134.1	34.7	23.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	231.2	257.0	274.7	316.8	252.2	137.4	118.2	97.4	231.5	243.2
Sorsogon	7.8	4.9	10.2	4.6	9.7	22.3	34.5	10.2	7.5	0.6
Western Visayas	3,477.9	3,989.0	3,765.7	4,670.1	3,585.9	2,627.9	2,321.2	2,146.8	2,406.7	3,491.0
Aklan	60.4	70.9	85.6	78.7	76.5	79.0	83.7	77.4	85.7	74.9
Antique	34.2	30.4	15.3	6.8	10.7	15.9	23.9	28.1	28.0	16.4
Capiz	1,164.8	1,263.7	1,293.0	1,438.0	1,313.0	753.1	216.9	210.1	159.7	208.6
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,633.9	1,892.6	1,700.6	2,267.5	1,477.5	1,117.3	1,102.0	992.4	1,076.6	2,616.1
Negros Occidental	584.6	731.4	671.1	879.2	708.2	662.6	894.8	838.9	1,056.7	575.0
Central Visayas	455.7	379.7	360.1	341.5	386.6	601.6	450.0	637.3	474.6	681.4
Bohol	30.0	20.0	21.1	28.5	27.6	12.4	12.4	13.8	41.5	39.8
Cebu	408.2	341.3	320.0	301.9	348.3	581.1	430.1	617.1	298.1	637.1
Negros Oriental	17.5	18.4	19.0	11.1	10.7	8.1	7.5	6.4	135.0	4.5
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	10,726.5	9,143.5	7,451.1	6,033.5	3,739.6	2,864.6	2,605.7	2,673.8	2,164.4	911.6
Biliran	554.7	955.4	1,051.1	754.3	751.5	679.7	689.0	643.3	648.4	211.3
Eastern Samar	649.5	180.0	..	..	..	..	..	..	48.3	..
Leyte	7,954.9	7,045.3	5,567.7	4,465.2	2,138.7	1,178.5	804.7	962.1	567.9	157.5
Northern Samar	140.8	99.5	139.2	153.3	162.6	165.1	161.1	154.9	146.2	133.9
Southern Leyte	107.9	92.9	57.0	74.8	144.6	178.3	184.8	186.8	130.2	50.6
Samar	1,318.8	770.4	636.1	585.8	542.2	663.0	766.1	726.8	623.5	358.4
Zamboanga Peninsula	3,417.0	3,770.0	6,054.8	5,273.5	4,141.5	3,867.0	2,720.7	1,989.6	2,351.1	2,201.5
Zamboanga del Nort	912.8	688.2	876.7	882.6	687.6	669.7	657.8	1,131.7	1,394.5	1,365.0
Zamboanga del Sur	593.7	467.9	909.7	782.9	976.2	510.4	575.4	468.1	389.2	232.1
Zamboanga City	1,770.6	2,134.7	3,939.0	3,310.1	2,191.4	2,500.7	1,314.7	280.3	400.0	429.6
Zamboanga Sibugay	139.9	479.3	329.4	297.9	286.4	186.2	172.9	109.6	167.5	174.8
Northern Mindanao	466.7	294.3	322.6	339.9	317.1	234.2	259.9	240.3	243.8	252.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	280.6	151.3	151.1	121.6	91.1	65.8	76.8	88.0	102.3	112.9
Misamis Occidental	186.1	140.9	170.9	196.3	226.0	165.5	157.8	152.3	141.5	137.0
Misamis Oriental	..	2.1	0.6	22.0	..	3.0	25.3	..	..	2.4
Davao Region	..	..	..	..	..	19.8	8.9	1.5	2.1	4.8
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	19.8	8.9	..	..	1.4
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	1.5	2.1	3.4
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	1.5	1.4	2.9	6.6	11.1	7.6	21.4	5.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	15.3	..
Sultan Kudarat	..	..	1.5	1.4	2.9	6.6	11.1	7.6	6.2	5.5
Caraga	50.4	79.5	72.2	66.4	113.5	78.3	63.6	52.9	49.1	67.1
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	50.4	79.5	72.2	66.4	113.5	78.3	63.6	52.9	47.2	67.1
Surigao del Sur	..	..	..	..	..	..	..	..	1.9	..
ARMM	1,322.9	1,123.6	1,021.4	1,004.7	1,002.1	1,017.5	997.0	949.0	771.9	757.6
Basilan	221.7	338.0	318.7	320.3	307.9	286.3	290.6	294.2	156.7	127.1
Lanao del Sur	44.9	50.3	52.1	52.1	51.6	75.2	55.0	27.5	..	..
Maguindanao	2.1	1.8	0.9	1.9	1.8	0.8	0.7	..	..	6.0
Sulu	1,036.0	706.1	621.3	603.0	612.3	613.4	605.7	583.5	571.7	577.7
Tawi-tawi	18.2	27.4	28.4	27.3	28.5	41.8	45.1	43.8	43.4	46.8

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Indo-Pacific Mackerel (Hasa-hasa)										
Philippines	**22,841.1**	**21,674.0**	**23,392.1**	**22,208.3**	**16,710.5**	**14,419.8**	**12,813.9**	**12,400.7**	**13,470.6**	**11,894.5**
NCR	203.1	241.1	952.9	857.1	321.6	354.3	492.9	373.6	524.9	270.3
Metro Manila	203.1	241.1	952.9	857.1	321.6	354.3	492.9	373.6	524.9	270.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	206.4	133.1	72.6	82.3	75.2	132.8	117.7	102.4	116.9	119.7
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	43.5	42.3	29.5	12.2	23.4	43.9	46.7	47.4	49.7	54.0
Pangasinan	162.9	90.7	43.0	70.1	51.8	89.0	71.0	55.0	67.2	65.7
Cagayan Valley	25.8	33.2	84.8	110.7	86.2	103.6	108.0	120.2	104.4	104.7
Cagayan	25.8	33.2	84.8	110.7	86.2	103.6	108.0	120.2	104.4	104.7
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	385.1	243.2	111.6	109.5	90.5	78.4	83.5	915.1	801.5	103.5
Aurora	0.3	0.2	0.3	0.3	..	0.2	0.3	..	..	..
Bataan	262.6	135.2	..	..	..	..	2.0	815.0	738.5	25.6
Bulacan	75.3	44.1	42.9	46.8	23.8	16.7	21.0	22.6	15.6	23.9
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	46.9	63.7	68.4	62.4	66.7	61.4	60.2	77.5	47.4	54.0
CALABARZON	717.1	638.3	977.8	1,260.5	790.9	484.9	493.3	516.7	493.6	259.5
Batangas	157.0	126.2	108.3	100.9	94.2	76.4	52.8	26.5	28.7	34.5
Cavite	245.3	213.0	741.6	1,048.4	419.6	297.3	271.7	444.3	455.0	208.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	314.8	299.1	128.0	111.2	277.2	111.2	168.8	45.8	9.8	16.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,097.6	1,182.2	1,666.2	1,509.5	1,583.9	1,593.7	1,729.1	1,427.8	2,502.7	2,396.9
Marinduque	1.0	..	..	..	..	..	..	..	..	2.4
Occidental Mindoro	276.8	194.9	210.9	194.3	194.0	188.1	190.6	193.2	195.1	170.5
Oriental Mindoro	33.0	33.5	32.6	31.7	29.2	48.3	45.0	43.4	42.5	43.1
Palawan	772.9	938.1	1,379.7	1,228.7	1,342.2	1,355.5	1,481.6	1,186.4	2,263.9	2,181.0
Romblon	14.0	15.6	43.1	54.9	18.5	1.9	11.9	4.9	1.2	..
Bicol Region	288.8	423.4	476.9	547.8	472.9	354.6	351.4	246.2	441.6	266.9
Albay	15.2	..	..	..	..	..	..	..	..	..
Camarines Norte	33.7	43.2	43.0	39.9	44.9	48.8	52.9	4.5	167.8	..
Camarines Sur	1.0	118.3	149.1	186.5	166.2	146.1	145.8	134.1	34.7	23.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	231.2	257.0	274.7	316.8	252.2	137.4	118.2	97.4	231.5	243.2
Sorsogon	7.8	4.9	10.2	4.6	9.7	22.3	34.5	10.2	7.5	0.6
Western Visayas	3,477.9	3,989.0	3,765.7	4,670.1	3,585.9	2,627.9	2,321.2	2,146.8	2,406.7	3,491.0
Aklan	60.4	70.9	85.6	78.7	76.5	79.0	83.7	77.4	85.7	74.9
Antique	34.2	30.4	15.3	6.8	10.7	15.9	23.9	28.1	28.0	16.4
Capiz	1,164.8	1,263.7	1,293.0	1,438.0	1,313.0	753.1	216.9	210.1	159.7	208.6
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,633.9	1,892.6	1,700.6	2,267.5	1,477.5	1,117.3	1,102.0	992.4	1,076.6	2,616.1
Negros Occidental	584.6	731.4	671.1	879.2	708.2	662.6	894.8	838.9	1,056.7	575.0
Central Visayas	455.7	379.7	360.1	341.5	386.6	601.6	450.0	637.3	474.6	681.4
Bohol	30.0	20.0	21.1	28.5	27.6	12.4	12.4	13.8	41.5	39.8
Cebu	408.2	341.3	320.0	301.9	348.3	581.1	430.1	617.1	298.1	637.1
Negros Oriental	17.5	18.4	19.0	11.1	10.7	8.1	7.5	6.4	135.0	4.5
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	10,726.5	9,143.5	7,451.1	6,033.5	3,739.6	2,864.6	2,605.7	2,673.8	2,164.4	911.6
Biliran	554.7	955.4	1,051.1	754.3	751.5	679.7	689.0	643.3	648.4	211.3
Eastern Samar	649.5	180.0	..	..	..	..	..	..	48.3	..
Leyte	7,954.9	7,045.3	5,567.7	4,465.2	2,138.7	1,178.5	804.7	962.1	567.9	157.5
Northern Samar	140.8	99.5	139.2	153.3	162.6	165.1	161.1	154.9	146.2	133.9
Southern Leyte	107.9	92.9	57.0	74.8	144.6	178.3	184.8	186.8	130.2	50.6
Samar	1,318.8	770.4	636.1	585.8	542.2	663.0	766.1	726.8	623.5	358.4
Zamboanga Peninsula	3,417.0	3,770.0	6,054.8	5,273.5	4,141.5	3,867.0	2,720.7	1,989.6	2,351.1	2,201.5
Zamboanga del Nort	912.8	688.2	876.7	882.6	687.6	669.7	657.8	1,131.7	1,394.5	1,365.0
Zamboanga del Sur	593.7	467.9	909.7	782.9	976.2	510.4	575.4	468.1	389.2	232.1
Zamboanga City	1,770.6	2,134.7	3,939.0	3,310.1	2,191.4	2,500.7	1,314.7	280.3	400.0	429.6
Zamboanga Sibugay	139.9	479.3	329.4	297.9	286.4	186.2	172.9	109.6	167.5	174.8
Northern Mindanao	466.7	294.3	322.6	339.9	317.1	234.2	259.9	240.3	243.8	252.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	280.6	151.3	151.1	121.6	91.1	65.8	76.8	88.0	102.3	112.9
Misamis Occidental	186.1	140.9	170.9	196.3	226.0	165.5	157.8	152.3	141.5	137.0
Misamis Oriental	..	2.1	0.6	22.0	..	3.0	25.3	..	..	2.4
Davao Region	..	..	..	..	..	19.8	8.9	1.5	2.1	4.8
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	19.8	8.9	..	..	1.4
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	1.5	2.1	3.4
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	1.5	1.4	2.9	6.6	11.1	7.6	21.4	5.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	15.3	..
Sultan Kudarat	..	..	1.5	1.4	2.9	6.6	11.1	7.6	6.2	5.5
Caraga	50.4	79.5	72.2	66.4	113.5	78.3	63.6	52.9	49.1	67.1
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	50.4	79.5	72.2	66.4	113.5	78.3	63.6	52.9	47.2	67.1
Surigao del Sur	..	..	..	..	..	..	..	..	1.9	..
ARMM	1,322.9	1,123.6	1,021.4	1,004.7	1,002.1	1,017.5	997.0	949.0	771.9	757.6
Basilan	221.7	338.0	318.7	320.3	307.9	286.3	290.6	294.2	156.7	127.1
Lanao del Sur	44.9	50.3	52.1	52.1	51.6	75.2	55.0	27.5	..	..
Maguindanao	2.1	1.8	0.9	1.9	1.8	0.8	0.7	..	..	6.0
Sulu	1,036.0	706.1	621.3	603.0	612.3	613.4	605.7	583.5	571.7	577.7
Tawi-tawi	18.2	27.4	28.4	27.3	28.5	41.8	45.1	43.8	43.4	46.8

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mullet (Kapak)										
Philippines	**2,621.1**	**1,647.0**	**1,713.9**	**1,565.4**	**1,100.0**	**791.8**	**699.6**	**571.5**	**454.3**	**203.2**
NCR	328.9	251.4	167.3	157.9	135.2	134.1	164.7	146.3	44.4	14.8
Metro Manila	328.9	251.4	167.3	157.9	135.2	134.1	164.7	146.3	44.4	14.8
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	120.0	64.2	17.7	10.8	14.5	16.0	26.2	23.2	21.2	19.4
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	120.0	64.2	17.7	10.8	14.5	16.0	26.2	23.2	21.2	19.4
Cagayan Valley	1.5	2.1	0.7	0.4	0.1	16.6	10.4	10.2	9.8	5.8
Cagayan	1.5	2.1	0.7	0.4	0.1	16.6	10.4	10.2	9.8	5.8
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	357.1	65.1	55.8	51.7	39.5	38.8	50.0	44.1	18.8	29.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	235.9	..	..	..	..	..	..	..	..	..
Bulacan	121.2	65.1	55.8	51.7	39.5	38.8	50.0	44.1	18.4	29.7
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	0.4	..
CALABARZON	6.5	12.5	50.6	107.9	83.8	90.7	70.3	30.1	20.9	10.3
Batangas	..	..	..	..	..	..	3.0	..	..	..
Cavite	1.1	12.5	50.6	107.9	83.8	73.6	51.9	29.9	20.9	10.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	5.5	..	..	..	..	17.1	15.4	0.2	..	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	59.3	48.9	26.5	17.6	30.2	39.2	43.1	55.5	13.9	24.8
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	59.3	48.9	26.5	17.6	30.2	39.2	43.1	55.5	13.9	24.8
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	350.5	167.5	123.6	145.0	118.5	76.3	69.2	60.0	56.9	39.8
Albay	..	..	..	..	0.8	0.8	..	..	..	..
Camarines Norte	3.0	2.7	3.0	2.9	3.9	4.1	8.0	7.0	10.4	..
Camarines Sur	341.9	163.0	120.6	136.8	113.9	71.4	61.2	53.0	46.6	39.8
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	5.7	1.8	..	5.3	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	532.4	604.3	621.2	565.5	204.4	140.4	67.0	20.8	28.6	16.7
Aklan	1.6	2.1	2.8	2.2	3.1	2.5	2.1	6.8	2.3	5.2
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	461.8	539.2	581.0	543.0	197.0	54.0	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	0.2	5.3	0.4	14.2	..	..	..	..	0.0	0.9
Negros Occidental	68.8	57.7	37.0	6.2	4.4	83.9	64.9	14.0	26.3	10.7
Central Visayas	..	..	..	..	..	..	..	..	4.8	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	4.8	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	377.0	162.0	204.0	210.0	203.0	76.6	..	..	71.5	24.5
Biliran	2.0	..	..	..	..	..	..	..	..	..
Eastern Samar	20.2	..	..	..	..	..	..	..	..	..
Leyte	354.0	162.0	204.0	210.0	203.0	76.6	..	..	..	..
Northern Samar	0.8	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	71.5	24.5
Zamboanga Peninsula	12.7	21.9	1.6	1.8	..	..	..	14.8	1.3	8.8
Zamboanga del Nort	..	0.3	..	..	..	..	..	..	..	..
Zamboanga del Sur	9.9	..	..	..	..	..	..	..	..	..
Zamboanga City	..	21.3	..	..	..	..	..	14.8	..	..
Zamboanga Sibuga	2.9	0.3	1.6	1.8	..	..	..	..	1.3	8.8
Northern Mindanao	467.0	236.9	443.0	278.9	256.3	151.7	186.2	160.7	140.8	..
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	467.0	236.9	443.0	278.9	256.3	151.7	186.2	160.7	140.8	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	1.9	11.6	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	..	..	1.9	11.6	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	4.2	9.4	0.8	16.9	13.4	10.5	7.9	..	1.4	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	4.2	9.4	0.8	16.9	13.4	10.5	7.9	..	1.4	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	4.1	1.0	1.1	1.1	1.1	1.1	4.7	4.0	8.3	8.7
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	4.1	1.0	1.1	1.1	1.1	1.1	4.7	4.0	8.3	8.7
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Parrot Fish (Loro)										
Philippines	**1,041.6**	**902.9**	**1,395.2**	**823.2**	**805.5**	**763.0**	**636.2**	**703.0**	**626.8**	**649.3**
NCR	43.3	45.5	48.0	55.7	50.5	42.1	52.1	254.9	214.8	169.8
Metro Manila	43.3	45.5	48.0	55.7	50.5	42.1	52.1	254.9	214.8	169.8
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	0.9	0.7
Cagayan	..	..	..	..	..	1.1	1.1	1.1	0.9	0.7
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	..	5.0	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	5.0	..	..	..	..	..	..	..	..
CALABARZON	..	24.8	491.0	1.2	..	..	4.1	..	2.9	106.7
Batangas	..	..	..	..	..	..	3.0	..	..	..
Cavite	..	..	..	..	..	..	1.2	..	2.9	72.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	..	24.8	491.0	1.2	..	..	..	..	..	33.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	418.2	309.8	397.7	327.2	376.1	345.3	300.3	249.6	204.7	194.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	46.5	27.8	34.0	34.8	36.4	34.6	35.5	34.4	33.9	38.7
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	371.7	282.1	363.6	292.4	339.7	310.7	264.8	215.2	170.8	155.8
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	83.2	78.9	79.7	81.6	77.6	81.8	78.6	22.4	..	6.2
Albay	..	..	..	..	0.5	0.5	..	..	..	6.2
Camarines Norte	73.8	75.9	79.7	81.6	77.1	81.3	78.6	20.1	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	9.5	3.0	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	2.3	..	..
Western Visayas	68.9	57.9	55.9	44.0	44.6	54.4	59.9	71.7	86.6	103.4
Aklan	..	..	..	..	..	0.3	0.3	3.9	..	0.3
Antique	44.3	40.3	50.7	40.0	34.7	35.0	34.6	48.2	45.2	29.7
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	24.7	17.6	4.4	0.4	..	..	0.8	0.1	0.3	2.0
Negros Occidental	..	..	0.9	3.7	9.9	19.1	24.2	19.5	41.2	71.4
Central Visayas	92.4	175.9	161.5	113.0	145.2	153.0	26.6	10.4	25.8	2.3
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	92.4	175.9	118.7	104.4	145.2	153.0	25.4	10.0	18.2	..
Negros Oriental	..	..	42.8	8.6	..	..	1.2	0.4	7.6	2.3
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	121.5	31.6	..	..	..	..	..	..	11.9	9.6
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	103.5	14.0	..	..	..	..	..	..	..	..
Leyte	5.5	14.6	..	..	..	..	..	..	..	..
Northern Samar	1.1	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	11.5	3.0	..	..	..	..	..	..	11.9	9.6
Zamboanga Peninsula	145.5	47.5	38.7	29.9	24.1	19.7	27.5	44.1	21.0	2.3
Zamboanga del Nort	55.8	9.9	..	..	..	..	..	..	..	..
Zamboanga del Sur	35.9	0.4	..	..	..	..	..	..	0.6	..
Zamboanga City	..	4.8	..	0.5	3.5	5.1	24.0	41.1	20.4	..
Zamboanga Sibuga	53.9	32.4	38.7	29.4	20.7	14.6	3.5	3.1	..	2.3
Northern Mindanao	..	..	36.6	42.6	36.1	31.7	35.1	37.6	42.0	..
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	36.6	42.6	36.1	31.7	35.1	37.6	42.0	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	5.8	0.3	..	..	..	..	..	..	..	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	0.9	0.3	..	..	..	..	..	..	..	..
Davao Oriental	4.9	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	33.6	23.1	10.1	40.1	24.7	13.4	33.7	8.6	3.2	29.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	0.3
South Cotabato	33.6	23.1	10.1	40.1	24.7	13.4	33.7	8.6	3.2	29.3
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	29.3	92.2	61.2	84.4	25.2	20.1	16.9	..	13.0	24.3
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	29.3	92.2	61.2	70.4	4.7	5.7	1.6	..	9.9	13.6
Surigao del Sur	..	..	..	14.0	20.5	14.4	15.3	..	3.2	10.7
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 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Porgies (Pargo)										
Philippines	**3,166.6**	**3,866.0**	**5,182.0**	**4,515.1**	**4,009.1**	**3,639.9**	**3,118.3**	**2,269.4**	**1,112.2**	**1,709.9**
NCR	..	..	0.4	0.3	0.8	..	..	..	4.2	1.9
Metro Manila	..	..	0.4	0.3	0.8	..	..	..	4.2	1.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	91.4	38.2	0.6	0.6	1.5	0.4	0.4	4.9	..	..
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	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	1.0	0.6
Cagayan	4.9	..	..	..	..	1.5	1.2	1.4	1.0	0.6
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	4.7	36.3	903.0	53.5	49.7	102.5	151.3	45.2	47.4	75.0
Batangas	..	..	1.0	0.9	..	..	1.7	..	..	..
Cavite	0.2	17.8	39.9	23.2	45.2	101.8	148.5	45.2	45.4	75.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	4.6	18.5	862.2	29.5	4.6	0.7	1.0	..	1.9	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	589.0	480.4	412.4	395.5	341.7	281.6	300.3	295.5	166.7	126.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	101.5	86.2	90.8	82.6	85.0	85.0	92.0	93.6	89.1	80.3
Oriental Mindoro	3.8	3.7	..	..	..	..	..	..	..	..
Palawan	483.7	390.6	321.6	312.9	256.7	196.5	208.4	201.9	77.6	46.4
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	23.4	4.9	15.1	14.4	30.1	26.0	20.5	14.5	11.3	268.8
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	0.4
Camarines Sur	8.0	2.0	15.1	14.4	30.1	26.0	20.5	14.5	11.3	10.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	15.4	2.9	..	..	..	..	..	..	..	257.9
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1,995.0	3,027.1	3,543.6	3,862.9	3,435.2	3,068.1	2,476.7	1,763.7	776.6	807.2
Aklan	..	1.8	..	..	..	..	..	..	..	2.2
Antique	10.6	5.5	7.0	5.8	5.1	7.6	8.1	4.3	5.4	5.3
Capiz	782.0	888.4	976.5	992.0	1,223.0	751.7	223.1	173.6	103.6	63.6
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	785.2	974.1	954.4	1,259.5	867.0	757.1	652.8	272.2	59.3	97.8
Negros Occidental	417.3	1,157.3	1,605.6	1,605.7	1,340.2	1,551.7	1,592.7	1,313.6	608.3	638.3
Central Visayas	12.0	11.0	9.3	7.5	9.5	17.6	0.9	9.2	..	44.5
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	12.0	11.0	9.3	7.5	9.5	17.6	0.9	9.2	..	44.5
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	125.9	55.9	..	..	..	1.4	..	..	2.9	6.7
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	15.9	..	..	..	..	..	..	..	..	..
Leyte	98.4	47.5	..	..	..	1.4	..	..	..	..
Northern Samar	1.6	..	..	..	..	..	..	..	..	..
Southern Leyte	4.2	6.9	..	..	..	..	..	..	..	..
Samar	5.9	1.5	..	..	..	..	..	..	2.9	6.7
Zamboanga Peninsula	26.5	10.8	9.2	..	2.9	..	..	..	..	265.0
Zamboanga del Nort	24.1	7.4	..	..	2.9	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	2.4	..	..	..	..	..	..	..	264.4
Zamboanga Sibuga	2.4	1.0	9.2	..	..	..	..	..	..	0.6
Northern Mindanao	257.0	155.6	241.0	109.5	95.1	102.1	125.3	120.2	97.7	95.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	257.0	155.6	241.0	109.5	95.1	102.1	125.3	120.2	97.7	95.4
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	2.1	10.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	12.7	25.5	14.9	26.2	30.9	22.0	27.6	7.8	2.1	10.9
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	16.5	8.5	20.3	33.1	..	..	..	..	2.3	7.3
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	16.5	8.5	20.3	32.2	..	..	..	..	..	..
Surigao del Sur	..	..	..	0.9	..	..	..	..	2.3	7.3
ARMM	7.7	11.8	11.5	11.5	11.7	16.7	14.2	7.1	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	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 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Round Herring (Tulis)										
Philippines	**5,414.1**	**4,101.3**	**3,649.8**	**3,175.7**	**1,553.1**	**1,466.2**	**1,550.7**	**999.2**	**999.7**	**796.9**
NCR	16.8	..	..	..	80.7	..	83.6	..	88.5	111.1
Metro Manila	16.8	..	..	..	80.7	..	83.6	..	88.5	111.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	93.2	47.9	8.3	6.0	9.7	13.9	7.9	9.5	8.1	2.2
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..	..
Pangasinan	93.2	47.8	8.3	6.0	9.7	13.9	7.9	9.4	8.1	2.2
Cagayan Valley	6.0	30.6	57.8	52.9	39.8	64.0	73.1	70.6	64.0	59.8
Cagayan	6.0	30.6	57.8	52.9	39.8	64.0	73.1	70.6	64.0	59.8
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	5.7	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	2.6	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	3.1	..	..	..	..	..	..	..	..	..
CALABARZON	247.2	114.2	133.8	99.2	30.4	22.5	16.1	30.0	38.5	39.2
Batangas	45.4	37.3	38.5	31.6	30.1	21.9	13.0	30.0	4.7	4.5
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	201.8	76.9	95.3	67.6	0.2	0.7	3.2	..	33.8	34.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	267.6	226.8	268.9	243.3	335.9	272.7	291.0	293.5	204.7	208.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	138.0	98.5	112.6	102.2	102.5	100.6	99.3	99.6	101.8	89.3
Oriental Mindoro	5.1	5.0	..	..	..	..	..	..	..	..
Palawan	124.5	123.2	156.3	141.1	233.4	172.1	191.7	193.9	103.0	119.2
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	532.8	320.7	350.8	383.9	319.3	373.4	545.7	165.7	96.1	41.9
Albay	273.8	50.3	50.4	67.2	30.3	30.1	44.7	..	..	7.5
Camarines Norte	115.2	111.0	155.0	160.3	147.1	147.6	142.7	..	..	..
Camarines Sur	124.6	156.6	145.4	156.4	141.8	115.1	66.9	24.5	27.3	34.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	19.3	2.8	..	..	..	80.7	291.4	141.2	68.8	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1,120.5	883.7	538.8	483.9	428.6	437.6	354.3	270.7	291.7	147.6
Aklan	..	8.3	15.4	14.6	14.1	12.8	12.9	11.5	12.2	13.6
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	7.3	4.9	9.2	1.6	..	103.4	30.3	7.3	3.2	3.2
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	395.2	459.8	407.2	455.6	409.7	313.7	295.3	217.8	101.0	21.6
Negros Occidental	718.0	410.7	107.0	12.1	4.9	7.8	15.8	34.2	175.3	109.3
Central Visayas	..	..	..	..	..	..	7.7	..	5.2	..
Bohol	..	..	..	..	..	..	..	..	5.2	..
Cebu	..	..	..	..	..	..	7.7	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	208.0	142.4	197.4	125.2	103.1	123.0	52.5	36.6	99.6	47.4
Biliran	..	..	1.7	2.3	..	..	..	..	..	..
Eastern Samar	7.6	..	..	..	..	..	..	..	..	..
Leyte	79.6	47.0	44.0	..	..	54.1	..	..	15.5	7.0
Northern Samar	36.0	46.6	52.3	51.8	48.5	43.8	38.7	31.7	26.9	24.0
Southern Leyte	39.4	36.4	42.0	35.0	27.6	6.8	..	..	2.1	..
Samar	45.4	12.4	57.5	36.2	27.0	18.2	13.7	4.9	55.1	16.4
Zamboanga Peninsula	177.0	221.8	183.4	159.0	174.5	117.7	83.6	83.8	62.2	90.4
Zamboanga del Nort	92.9	79.0	128.8	101.1	101.1	88.5	66.7	71.3	60.6	90.4
Zamboanga del Sur	..	8.8	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibuga	84.0	134.0	54.6	57.9	73.4	29.1	16.8	12.5	1.6	..
Northern Mindanao	..	6.2	8.3	5.1	4.9	2.5	2.4	3.6	3.9	4.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	6.2	8.3	5.1	4.9	2.5	2.4	3.6	3.9	4.5
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	7.0	..	3.0	..	3.7
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	..	..	3.0	..	3.7
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	7.0	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	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	..	..	..	2.9	..	..	..	..	..	..
ARMM	2,739.5	2,049.4	1,857.2	1,610.6	26.2	31.9	32.8	32.4	37.1	40.7
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	2,733.1	2,043.1	1,844.8	1,584.0	..	..	..	..	..	..
Tawi-tawi	6.4	6.3	12.4	26.7	26.2	31.9	32.8	32.4	37.1	40.7

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Roundscad (Galunggong)										
Philippines	**212,100.5**	**171,628.5**	**194,671.2**	**172,498.5**	**167,152.7**	**200,393.5**	**197,090.1**	**164,443.0**	**156,187.2**	**126,533.4**
NCR	44,442.6	33,281.5	46,791.0	38,118.3	42,219.3	75,335.1	76,163.9	47,740.4	54,288.1	29,068.9
Metro Manila	44,442.6	33,281.5	46,791.0	38,118.3	42,219.3	75,335.1	76,163.9	47,740.4	54,288.1	29,068.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	742.9	515.5	525.6	601.4	428.5	508.2	489.0	613.5	960.8	1,075.0
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	91.5	83.1	99.2	92.0	88.6	86.6	81.1	77.2	63.0	65.4
La Union	27.3	14.0	3.5	4.4	4.5	3.9	4.0	3.8	..	..
Pangasinan	624.1	418.4	422.9	505.0	335.4	417.7	403.9	532.5	897.8	1,009.6
Cagayan Valley	867.6	574.4	716.1	739.3	642.1	661.7	725.8	787.1	802.0	650.0
Cagayan	867.6	574.4	716.1	739.3	642.1	661.7	725.8	787.1	802.0	650.0
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	732.7	557.0	404.1	506.9	466.8	535.0	529.7	480.5	462.1	816.1
Aurora	24.6	21.8	24.2	19.6	18.6	19.3	18.8	9.7	13.7	19.5
Bataan	276.5	118.7	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	15.5	5.0
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	431.5	416.6	379.9	487.2	448.2	515.7	510.8	470.9	432.8	791.6
CALABARZON	17,829.4	18,356.0	18,631.6	17,054.2	16,165.8	20,164.4	19,464.4	21,922.2	9,953.8	7,144.6
Batangas	1,132.4	1,221.5	1,353.2	1,320.6	1,164.9	1,258.2	1,000.3	944.3	1,058.3	844.4
Cavite	1,266.0	1,116.8	1,419.3	1,282.7	1,532.0	1,627.7	1,921.1	1,944.5	1,314.2	549.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	15,431.1	16,017.8	15,859.1	14,450.9	13,468.9	17,278.6	16,543.0	19,033.4	7,581.3	5,750.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	9,271.4	7,761.0	8,094.7	8,702.7	9,278.0	8,976.5	9,220.3	8,569.6	7,029.5	6,675.7
Marinduque	29.3	18.6	18.1	9.1	8.3	15.9	16.3	15.7	18.4	22.5
Occidental Mindoro	2,259.8	1,747.6	1,752.6	1,676.6	1,672.6	1,663.6	1,691.7	1,701.2	1,682.8	1,328.0
Oriental Mindoro	771.3	820.9	844.8	854.5	824.1	895.1	923.0	965.0	665.4	501.0
Palawan	6,062.0	5,122.0	5,391.3	6,093.5	6,698.2	6,275.3	6,437.9	5,750.8	4,627.2	4,648.4
Romblon	149.1	51.9	87.9	69.0	74.8	126.5	151.4	136.9	35.9	175.8
Bicol Region	13,794.6	15,345.9	17,106.9	17,044.7	16,737.8	17,238.4	17,256.8	17,016.8	15,726.3	13,068.9
Albay	642.6	984.0	1,001.6	1,058.4	1,116.5	1,154.8	1,258.0	1,223.1	1,196.2	1,215.7
Camarines Norte	1,217.7	1,250.6	1,324.2	1,287.4	1,313.0	1,345.1	1,366.3	2,125.2	2,808.4	1,467.2
Camarines Sur	9,335.6	10,892.4	12,374.3	12,442.4	12,613.0	12,447.7	12,488.2	11,949.0	9,895.0	8,418.5
Catanduanes	77.3	71.9	53.2	51.5	46.9	48.7	49.1	45.7	43.9	30.9
Masbate	2,231.5	1,962.7	2,187.4	2,088.7	1,466.4	1,949.7	1,821.3	1,614.8	1,717.1	1,908.9
Sorsogon	289.9	184.3	166.2	116.4	182.0	292.5	273.8	59.0	65.8	27.7
Western Visayas	7,032.7	7,282.2	8,402.5	7,839.5	7,787.0	9,121.1	9,228.9	8,357.9	7,599.4	9,132.9
Aklan	173.7	166.0	202.8	203.1	203.8	233.1	248.6	247.9	234.9	223.3
Antique	815.6	1,227.7	2,501.7	2,144.1	1,872.6	1,838.3	1,830.9	1,979.2	1,627.6	1,402.3
Capiz	932.5	974.3	973.0	899.0	1,157.0	1,554.8	1,185.2	1,322.4	1,004.7	944.6
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	4,128.4	4,170.1	3,610.9	3,635.1	3,307.6	4,253.5	4,945.0	3,903.7	3,479.4	4,733.7
Negros Occidental	982.5	744.1	1,114.1	958.2	1,246.1	1,241.3	1,019.3	904.6	1,252.8	1,829.1
Central Visayas	18,796.6	14,579.4	13,385.1	11,330.6	11,119.2	11,447.7	7,165.9	7,417.1	7,528.2	4,210.9
Bohol	3,001.4	1,351.1	664.3	350.6	380.9	786.8	524.9	775.4	1,398.0	791.9
Cebu	14,420.8	12,133.2	11,654.0	9,872.2	9,772.2	9,685.4	5,257.2	5,261.1	4,941.5	2,739.5
Negros Oriental	1,374.4	1,095.1	1,066.8	1,107.8	966.1	975.5	1,383.8	1,380.6	1,188.7	679.6
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	8,716.4	9,227.7	9,566.3	8,964.2	7,289.5	6,294.0	5,205.3	4,833.5	3,624.4	1,888.8
Biliran	1,399.2	1,340.7	1,401.4	1,158.1	1,107.5	1,005.9	1,016.6	996.8	890.8	358.9
Eastern Samar	1,054.6	1,137.8	1,993.0	2,068.9	2,178.7	2,032.9	1,484.7	1,284.5	929.5	440.9
Leyte	2,992.7	4,227.9	4,045.8	3,661.6	2,028.6	1,447.0	788.2	870.6	671.3	226.0
Northern Samar	290.6	301.1	272.4	271.8	263.7	266.1	272.9	283.6	283.6	264.1
Southern Leyte	1,165.7	782.7	811.0	769.1	663.0	470.7	450.2	442.9	367.3	128.0
Samar	1,813.6	1,437.5	1,042.7	1,034.8	1,048.0	1,071.4	1,192.8	955.1	481.9	470.8
Zamboanga Peninsula	52,925.4	27,386.4	30,431.4	19,958.7	14,159.8	15,161.1	15,613.6	12,136.3	14,603.1	20,120.4
Zamboanga del Nort	3,447.8	3,012.7	2,820.8	2,829.8	2,909.9	2,737.3	3,138.5	3,473.7	3,796.8	3,131.5
Zamboanga del Sur	2,592.6	3,448.9	4,496.2	4,350.1	3,408.5	3,330.9	3,646.8	3,678.6	3,492.7	3,388.8
Zamboanga City	45,361.7	19,743.1	22,425.2	12,585.4	7,679.9	8,914.6	8,709.7	4,909.1	7,295.8	13,570.2
Zamboanga Sibugay	1,523.3	1,181.6	689.2	193.4	161.5	178.3	118.6	75.0	17.9	29.9
Northern Mindanao	8,317.6	6,501.2	6,262.2	5,232.2	4,119.9	4,142.1	4,481.0	4,697.9	4,791.4	4,733.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	88.9	16.4	8.6	11.3	24.4	86.5	0.2	13.2	21.5	60.1
Lanao del Norte	493.5	1,388.2	1,254.6	1,024.6	994.1	1,174.8	1,105.1	1,140.5	1,157.6	1,261.8
Misamis Occidental	5,486.5	3,312.9	2,970.3	2,777.8	2,630.9	2,588.6	2,841.1	2,930.6	2,937.1	2,603.1
Misamis Oriental	2,248.8	1,783.7	2,028.7	1,418.6	470.5	292.2	534.6	613.6	675.3	808.8
Davao Region	2,392.5	1,986.2	2,417.6	2,513.7	2,790.4	1,983.0	1,335.8	759.4	663.0	1,135.7
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	1,661.7	1,334.3	1,521.7	1,504.6	1,888.3	1,280.8	561.0	227.5	174.8	570.9
Davao City	158.1	147.8	246.4	183.0	203.4	210.9	311.3	182.5	211.2	332.6
Davao Oriental	572.7	504.1	649.5	826.1	698.7	491.2	463.5	349.5	277.0	232.2
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	8,931.0	9,814.6	12,318.6	13,905.4	13,868.7	9,029.8	9,762.7	8,604.1	10,007.5	8,901.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	20.2	38.8	53.6	82.8	101.8	87.8	43.7	18.9	12.3	11.3
South Cotabato	8,043.6	8,905.7	11,406.3	13,035.3	13,039.4	8,233.2	9,022.7	7,876.5	9,220.1	7,925.5
Sultan Kudarat	867.2	870.1	858.6	787.3	727.5	708.8	696.3	708.6	775.0	965.1
Caraga	327.5	317.7	434.5	379.7	458.6	537.4	312.8	282.5	367.0	618.6
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	293.7	277.8	249.7	187.3	254.9	371.9	195.8	144.7	130.0	159.8
Surigao del Sur	33.8	39.9	184.8	192.4	203.7	165.5	117.0	137.8	237.0	458.8
ARMM	16,979.7	18,141.8	19,183.1	19,607.3	19,621.3	19,258.1	20,134.3	20,224.3	17,780.8	17,291.2
Basilan	5,482.8	5,269.6	5,450.8	5,586.9	5,329.1	5,366.9	5,598.4	5,389.5	3,236.3	2,845.0
Lanao del Sur	605.9	608.9	616.1	614.8	608.9	605.9	663.2	703.8	444.2	445.2
Maguindanao	240.3	239.4	261.0	264.3	253.7	243.6	246.4	188.2	173.5	219.3
Sulu	10,627.5	12,001.4	12,830.6	13,117.2	13,403.4	13,011.9	13,592.9	13,900.9	13,878.4	13,733.2
Tawi-tawi	23.2	22.5	24.5	24.0	26.1	29.9	33.5	41.9	48.4	48.5

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Siganid (Samaral)										
Philippines	**1,961.5**	**2,086.8**	**1,495.0**	**1,166.6**	**1,403.2**	**2,129.7**	**1,842.4**	**1,692.0**	**1,420.4**	**1,887.8**
NCR	21.9	16.4	17.4	23.9	19.5	13.9	23.4	283.9	208.9	61.7
Metro Manila	21.9	16.4	17.4	23.9	19.5	13.9	23.4	283.9	208.9	61.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	99.8	40.8	7.0	8.9	11.0	19.6	22.7	23.4	21.5	20.2
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	5.5	4.5	3.9	3.4	4.0	3.0	3.1	2.7	..	..
Pangasinan	94.3	36.3	3.1	5.6	7.0	16.6	19.6	20.7	21.5	20.2
Cagayan Valley	0.5	21.4	2.6	1.6	0.7	3.5	4.9	7.0	5.2	3.3
Cagayan	0.5	21.4	2.6	1.6	0.7	3.5	4.9	7.0	5.2	3.3
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	254.1	179.6	93.3	1.4	64.8	24.6	10.1	1.0	7.9	582.1
Batangas	..	..	..	..	0.8	1.5	2.7	..	..	..
Cavite	9.2	27.1	13.8	1.0	8.0	3.4	2.9	1.0	2.8	48.4
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	244.9	152.5	79.5	0.4	56.0	19.7	4.5	..	5.1	533.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	336.8	320.4	309.5	388.6	354.0	303.3	337.3	404.5	331.7	342.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	43.5	31.2	46.9	44.7	45.9	45.9	49.1	49.5	51.5	57.0
Oriental Mindoro	5.8	5.5	5.3	5.0	4.1	5.3	4.4	4.5	..	..
Palawan	287.5	283.7	257.3	338.9	304.0	252.1	283.8	350.5	280.2	285.6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	169.4	213.1	217.5	218.3	216.2	186.1	135.9	21.2	4.2	12.5
Albay	..	..	..	..	0.6	0.6	..	..	..	4.9
Camarines Norte	17.3	23.1	28.1	26.3	27.4	28.1	28.9	..	..	..
Camarines Sur	124.5	185.3	181.8	181.1	188.3	157.5	107.0	19.6	4.0	4.6
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	27.6	4.6	..	11.0	..	..	..	..	..	3.0
Sorsogon	..	..	7.7	..	..	..	..	1.6	0.2	..
Western Visayas	181.0	113.0	110.7	83.7	61.6	129.3	76.1	71.2	59.0	105.1
Aklan	0.2	0.4	..	..	..	..	12.2	19.5	8.7	21.5
Antique	180.2	100.3	109.0	69.0	51.1	47.0	46.1	24.5	19.7	17.8
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	0.6	12.3	0.1	12.4	..	..	..	..	3.4	7.6
Negros Occidental	..	..	1.6	2.3	10.4	82.3	17.8	27.2	27.1	58.2
Central Visayas	29.3	52.1	85.6	49.0	47.5	48.1	0.7	2.6	23.5	2.7
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	29.3	52.1	20.5	15.5	15.5	12.0	..	..	0.1	..
Negros Oriental	..	..	65.1	33.5	32.1	36.1	0.7	2.6	23.4	2.7
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	684.3	618.1	334.1	..	..	366.5	264.2	59.2	52.6	99.0
Biliran	..	..	0.2	..	..	..	..	..	..	..
Eastern Samar	63.2	..	..	..	..	..	..	..	..	..
Leyte	534.9	530.0	289.0	..	..	366.5	264.2	59.2	..	..
Northern Samar	64.8	77.2	24.8	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	21.5	10.9	20.1	..	..	..	..	..	52.6	99.0
Zamboanga Peninsula	15.4	226.6	110.5	8.6	1.8	3.6	85.3	9.0	..	9.2
Zamboanga del Nort	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	11.6	219.0	101.5	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	1.3	84.0	8.6	..	..
Zamboanga Sibuga	3.8	7.6	9.0	8.6	1.8	2.3	1.3	0.4	..	9.2
Northern Mindanao	113.2	156.7	94.7	113.6	97.0	118.3	147.9	125.4	139.6	..
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	113.2	151.7	94.7	93.6	91.9	118.3	147.9	125.3	139.6	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	5.0	..	20.0	5.1	..	..	0.2	..	..
Davao Region	0.4	10.8	0.7	1.5	..	382.6	205.4	156.0	6.4	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	382.6	205.4	156.0	6.4	..
Davao City	0.4	1.4	0.7	1.5	..	..	..	..	..	..
Davao Oriental	..	9.5	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	18.1	14.2	1.6	23.9	10.0	9.1	13.5	2.9	1.5	4.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	0.1
South Cotabato	18.1	14.2	1.6	23.9	10.0	9.1	13.5	2.9	1.5	4.2
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	33.7	100.4	105.3	109.1	13.8	12.9	6.7	..	3.1	50.4
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	33.7	100.4	105.3	108.1	6.7	8.2	5.7	..	3.1	8.1
Surigao del Sur	..	..	..	1.0	7.0	4.7	1.0	..	..	42.3
ARMM	3.6	3.1	4.6	134.4	505.2	508.4	508.4	524.7	555.5	594.6
Basilan	..	..	..	..	..	..	..	..	22.0	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	3.6	3.1	4.6	3.9	3.7	3.4	3.3	1.1	..	9.5
Sulu	..	..	..	130.5	496.1	498.6	498.0	515.6	524.8	576.8
Tawi-tawi	..	..	..	..	5.3	6.4	7.1	8.1	8.7	8.3

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Skipjack (Gulyasan)										
Philippines	**181,562.9**	**201,262.5**	**177,698.1**	**147,979.4**	**165,105.3**	**171,261.1**	**194,583.4**	**199,152.5**	**189,612.0**	**217,701.1**
NCR	3,915.1	3,067.7	4,882.6	3,271.5	1,865.3	2,455.0	2,317.5	2,351.2	2,528.3	1,999.5
Metro Manila	3,915.1	3,067.7	4,882.6	3,271.5	1,865.3	2,455.0	2,317.5	2,351.2	2,528.3	1,999.5
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	305.9	282.5	247.7	225.0	213.1	214.3	213.3	257.5	580.2	871.4
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	256.6	196.0	217.7	216.3	209.1	206.0	203.7	202.2	181.8	176.8
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	49.3	86.4	30.0	8.7	4.0	8.3	9.6	55.3	398.4	694.6
Cagayan Valley	288.7	447.7	490.0	451.1	386.2	321.0	350.5	345.2	314.9	257.4
Cagayan	288.7	447.7	490.0	451.1	386.2	321.0	350.5	345.2	314.9	257.4
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,883.4	1,437.2	1,666.5	1,741.0	1,426.6	1,287.2	1,338.7	1,152.6	733.7	833.8
Aurora	12.4	27.3	14.2	20.6	18.6	19.2	19.7	2.2	2.3	14.9
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1,871.0	1,409.9	1,652.3	1,720.3	1,408.0	1,268.0	1,318.9	1,150.4	731.4	818.9
CALABARZON	2,819.4	2,980.7	3,016.9	1,868.2	2,273.0	1,784.0	2,140.3	2,583.6	2,298.9	1,772.4
Batangas	560.0	685.2	785.8	858.4	1,059.3	930.5	771.0	568.0	752.7	704.2
Cavite	147.2	179.3	355.9	251.0	242.0	297.9	457.1	535.6	536.3	319.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	2,112.2	2,116.2	1,875.2	758.9	971.8	555.6	912.2	1,479.9	1,009.9	748.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,968.6	2,445.1	1,861.6	1,638.8	1,605.6	1,603.2	1,655.4	1,603.1	1,112.8	953.3
Marinduque	..	18.3	15.8	4.0	1.2	3.8	4.2	1.6	7.2	5.1
Occidental Mindoro	952.4	773.1	493.0	596.1	534.0	535.9	548.0	555.0	580.6	600.7
Oriental Mindoro	113.8	119.0	99.4	95.2	90.7	96.1	90.8	84.2	68.5	61.1
Palawan	821.5	1,343.5	1,192.6	761.8	712.4	758.8	757.3	688.2	217.0	171.0
Romblon	81.0	191.3	60.7	181.8	267.3	208.8	255.1	274.1	239.6	115.3
Bicol Region	762.8	695.2	766.0	690.9	651.6	617.3	394.3	337.1	378.0	393.9
Albay	391.8	394.5	435.4	383.4	299.1	289.6	36.1	129.0	131.1	192.2
Camarines Norte	133.1	175.7	193.3	185.7	190.6	201.8	213.0	113.6	192.9	149.8
Camarines Sur	143.0	60.2	61.2	75.3	65.9	59.0	53.0	44.8	20.1	25.7
Catanduanes	..	..	..	..	2.6	8.6	8.8	6.9	7.2	7.9
Masbate	9.1	2.6	..	..	..	..	..	..	..	..
Sorsogon	85.8	62.3	76.1	46.5	93.5	58.3	83.3	42.8	26.8	18.4
Western Visayas	1,378.5	1,539.9	1,435.6	1,467.7	1,303.2	1,450.3	1,296.7	1,177.9	1,241.6	732.9
Aklan	33.9	39.8	38.2	37.6	33.5	48.6	58.9	61.3	61.1	66.4
Antique	498.0	686.3	619.2	619.3	683.7	633.0	596.2	583.8	537.6	569.0
Capiz	239.8	261.0	243.0	195.0	..	..	..	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	606.9	552.8	500.7	589.3	561.8	752.3	623.0	512.5	609.2	52.6
Negros Occidental	..	..	34.5	26.5	24.3	16.5	18.6	20.2	33.7	44.8
Central Visayas	795.9	890.3	1,073.6	900.7	796.2	743.6	533.1	475.7	381.6	481.2
Bohol	16.9	7.8	4.3	0.2	..	1.0	1.8	1.1	10.6	9.9
Cebu	15.0	10.0	41.4	26.0	38.4	32.0	28.0	33.0	58.1	7.9
Negros Oriental	764.0	872.5	1,028.0	874.5	757.9	710.6	503.3	441.7	312.9	463.4
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	2,217.5	4,262.3	3,998.1	4,703.5	4,575.0	3,890.4	2,868.6	2,406.6	2,290.9	958.3
Biliran	7.5	..	7.7	8.0	1.8	2.1	2.0	1.1	0.8	..
Eastern Samar	1,612.8	3,230.8	3,652.9	4,420.6	4,127.3	3,456.3	2,594.1	2,174.9	1,888.6	701.8
Leyte	544.0	789.6	139.5	92.9	230.9	187.7	14.3	11.0	117.2	..
Northern Samar	8.0	131.7	91.0	76.3	91.8	114.3	124.7	123.6	129.2	137.7
Southern Leyte	45.2	110.2	107.0	105.8	123.2	130.1	133.5	95.9	120.9	107.7
Samar	..	..	..	..	..	..	..	..	34.2	11.1
Zamboanga Peninsula	8,716.3	12,819.4	9,010.6	7,095.6	6,568.1	7,138.2	8,099.0	6,483.3	5,855.6	4,398.2
Zamboanga del Nort	1,378.0	893.5	496.9	539.4	162.7	282.6	232.7	173.8	235.0	350.8
Zamboanga del Sur	2,182.2	2,165.9	2,885.4	3,394.5	3,471.7	3,475.7	3,896.3	3,693.1	3,282.8	3,227.2
Zamboanga City	5,076.8	9,523.3	5,554.7	3,161.8	2,933.7	3,379.9	3,959.9	2,616.4	2,259.9	817.1
Zamboanga Sibugay	79.4	236.7	73.6	..	..	..	10.1	..	77.9	3.1
Northern Mindanao	739.3	760.4	942.4	868.3	729.3	409.0	602.9	507.9	631.2	633.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	0.4	2.9	32.9	48.9	99.4	14.4	86.9	23.8	62.8	80.3
Lanao del Norte	408.7	564.0	651.1	501.6	473.0	271.5	305.7	259.1	259.6	265.8
Misamis Occidental	317.4	168.3	206.2	152.0	127.9	111.5	123.8	120.6	114.5	107.6
Misamis Oriental	12.8	25.4	52.3	165.8	29.0	11.6	86.6	104.4	194.3	179.8
Davao Region	1,471.2	1,153.6	1,222.5	1,183.3	875.4	382.6	599.2	485.9	332.8	531.7
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	730.8	626.5	927.4	862.0	595.7	82.3	63.7	41.9	120.6	324.7
Davao City	18.2	19.8	19.1	22.0	19.2	15.2	30.7	20.9	15.0	37.9
Davao Oriental	722.2	507.3	276.1	299.2	260.5	285.1	504.8	423.1	197.2	169.2
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	146,371.7	160,348.7	138,798.3	113,682.7	133,695.2	140,411.6	163,130.6	169,759.3	161,496.8	193,101.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	51.2	48.3	59.2	279.6	234.1	135.0	55.5	15.0	18.5	6.8
South Cotabato	145,639.0	159,602.4	138,044.8	112,717.7	132,765.0	139,535.4	162,145.6	168,853.2	160,647.0	192,200.6
Sultan Kudarat	681.5	698.0	694.3	685.4	696.1	741.3	929.5	891.0	831.4	893.9
Caraga	1,379.6	926.8	970.7	664.5	658.4	797.1	1,062.6	950.1	780.1	906.3
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	1,289.9	808.8	765.8	532.1	492.5	640.1	815.3	756.2	606.1	586.9
Surigao del Sur	89.7	118.0	204.9	132.4	165.9	157.0	247.3	193.9	173.9	319.4
ARMM	6,549.1	7,205.1	7,315.0	7,526.8	7,483.3	7,756.3	7,980.9	8,275.7	8,654.8	8,876.1
Basilan	214.4	249.6	268.5	248.8	247.1	376.9	391.8	422.9	451.1	592.0
Lanao del Sur	6.2	6.4	5.6	5.5	5.4	20.3	22.2	18.1	17.2	17.4
Maguindanao	1.6	1.7	2.2	3.2	1.4	1.7	1.6	7.6	9.8	41.0
Sulu	6,308.2	6,922.1	7,006.8	7,237.5	7,198.8	7,321.6	7,524.0	7,773.6	8,115.2	8,165.0
Tawi-tawi	18.8	25.4	32.0	31.8	30.5	36.0	41.4	53.6	61.5	60.6

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Slipmouth (Sapsap)										
Philippines	**25,128.1**	**21,543.9**	**20,308.5**	**19,533.8**	**17,672.8**	**15,052.4**	**14,793.4**	**13,637.0**	**14,900.9**	**12,793.5**
NCR	68.9	132.3	178.9	190.6	286.0	470.5	1,245.5	869.2	1,718.6	991.3
Metro Manila	68.9	132.3	178.9	190.6	286.0	470.5	1,245.5	869.2	1,718.6	991.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	396.2	110.6	52.8	55.1	60.5	82.5	88.3	94.4	97.4	76.3
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	52.4	20.7	18.9	36.9	30.1	34.7	36.9	37.3	38.7	36.8
Pangasinan	343.7	89.9	33.9	18.3	30.3	47.9	51.4	57.1	58.7	39.5
Cagayan Valley	877.7	1,109.0	1,034.3	1,016.1	746.4	773.6	778.4	860.1	849.7	701.6
Cagayan	877.7	1,109.0	1,034.3	1,016.1	746.4	773.6	778.4	860.1	849.7	701.6
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	265.0	126.7	38.4	40.5	18.9	23.6	26.0	17.9	14.1	19.1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	162.8	85.0	..	..	..	..	..	..	..	0.7
Bulacan	57.5	39.0	33.0	38.0	18.9	23.6	26.0	15.2	9.4	18.4
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	44.8	2.7	5.4	2.5	..	..	..	2.7	4.7	..
CALABARZON	4,957.0	3,369.0	3,437.9	3,320.6	2,729.8	414.5	458.5	730.0	483.5	1,306.5
Batangas	..	12.2	30.4	22.5	60.0	22.2	31.3	45.7	4.0	4.1
Cavite	15.8	56.1	65.2	33.4	33.8	54.6	45.4	37.9	31.2	115.4
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	4,941.2	3,300.7	3,342.2	3,264.6	2,636.0	337.6	381.8	646.4	448.3	1,187.0
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,185.7	2,584.1	2,941.1	2,937.1	2,809.7	3,317.6	3,503.0	2,563.0	2,618.6	2,596.1
Marinduque	..	..	..	..	..	..	..	..	..	1.7
Occidental Mindoro	529.9	320.6	304.7	283.5	278.9	275.7	269.8	264.4	267.2	264.7
Oriental Mindoro	197.7	194.4	184.9	178.5	168.7	172.2	187.2	181.5	151.7	182.7
Palawan	2,458.1	2,069.0	2,451.6	2,475.1	2,362.2	2,869.8	3,046.1	2,117.2	2,199.7	2,147.0
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	1,717.7	1,882.9	1,863.1	1,912.1	1,801.8	1,927.2	1,780.0	1,692.7	2,051.3	2,293.1
Albay	75.0	..	2.0	62.5	79.9	161.8	172.0	161.9	167.5	178.5
Camarines Norte	228.0	247.1	255.0	251.7	220.3	240.9	244.1	149.0	189.4	302.5
Camarines Sur	677.3	1,038.2	902.7	915.7	919.5	827.3	652.6	488.5	358.4	348.2
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	737.5	597.6	703.4	682.3	582.2	697.2	688.8	877.9	1,336.0	1,464.0
Sorsogon	..	..	..	..	..	..	22.5	15.6	..	..
Western Visayas	8,315.6	7,580.1	6,195.5	6,003.0	5,058.6	4,481.7	4,769.1	4,246.2	2,913.4	3,530.6
Aklan	49.0	50.0	42.4	38.1	33.4	30.5	29.2	36.1	31.6	34.8
Antique	1.3	0.7	0.7	9.4	37.3	80.9	127.5	239.1	225.1	104.5
Capiz	1,034.2	1,100.8	985.8	1,009.0	802.0	616.1	786.9	959.9	504.4	690.8
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	4,502.7	2,979.6	2,011.1	1,906.9	1,204.3	907.8	540.1	300.3	321.2	961.1
Negros Occidental	2,728.4	3,449.1	3,155.5	3,039.6	2,981.7	2,846.6	3,285.4	2,710.8	1,831.1	1,739.4
Central Visayas	897.6	810.9	715.0	658.0	678.2	770.9	338.9	615.6	549.8	225.3
Bohol	50.7	29.7	..	..	..	..	..	..	1.1	..
Cebu	721.2	682.8	631.0	631.0	672.5	770.9	338.9	615.6	510.8	220.8
Negros Oriental	125.8	98.5	84.0	27.0	5.7	..	..	..	37.9	4.5
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	2,325.8	2,005.1	2,351.5	2,351.0	2,361.4	1,808.4	1,139.7	1,102.8	848.1	300.4
Biliran	311.7	85.4	66.6	47.4	28.3	26.3	26.7	25.7	19.3	30.3
Eastern Samar	287.3	125.4	162.7	194.3	195.5	174.6	71.4	57.9	..	..
Leyte	1,357.7	1,501.4	1,493.1	1,532.1	1,640.7	1,202.1	618.9	702.0	532.8	20.8
Northern Samar	32.7	26.0	49.2	56.5	59.7	47.7	42.3	36.5	34.1	31.3
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	336.4	267.1	580.0	520.7	437.2	357.7	380.4	280.7	261.9	218.1
Zamboanga Peninsula	1,499.8	1,427.1	1,044.8	742.2	811.0	582.7	240.6	486.6	470.7	393.2
Zamboanga del Nort	182.0	89.6	60.6	46.8	5.6	..	..	..	..	..
Zamboanga del Sur	95.5	184.3	73.8	..	43.4	37.3	46.7	37.8	1.0	..
Zamboanga City	477.4	461.3	383.2	301.1	278.0	256.8	26.0	291.1	167.1	76.1
Zamboanga Sibugay	745.0	692.0	527.3	394.2	484.1	288.6	168.0	157.7	302.6	317.1
Northern Mindanao	345.4	252.8	292.2	141.9	119.7	148.0	163.6	189.9	213.3	229.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	345.4	252.8	292.2	138.1	119.7	148.0	163.6	189.9	213.3	229.0
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	3.8	..	..	..	..	..	..
Davao Region	17.1	..	..	..	17.8	6.9	110.2	2.5	13.9	0.5
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	13.9	..	..	..	17.8	6.9	110.2	2.5	6.5	0.5
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	3.3	..	..	..	..	..	..	..	7.4	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	21.1	9.8	8.5	11.6	11.8	7.4	4.5	17.2	1,938.6	0.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	21.1	9.8	8.5	11.6	11.8	7.4	4.5	17.2	1,938.6	0.1
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	108.8	45.8	55.6	57.6	55.0	114.0	24.4	11.9	8.0	16.9
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	97.5	44.2	47.5	41.0	27.7	92.7	15.6	8.4	6.5	14.9
Surigao del Sur	11.3	1.5	8.1	16.6	27.4	21.3	8.8	3.6	1.5	2.0
ARMM	128.7	97.8	98.9	96.7	106.3	122.9	122.8	137.1	111.9	113.6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	6.1	7.0	7.8	7.7	7.5	24.0	21.9	41.2	17.6	18.0
Maguindanao	6.2	5.9	6.8	7.2	6.4	6.1	6.2	1.8	1.7	..
Sulu	98.2	65.2	63.5	61.6	74.7	74.0	75.5	76.0	74.4	78.4
Tawi-tawi	18.2	19.7	20.8	20.3	17.7	18.8	19.2	18.1	18.4	17.3

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Snapper (Maya-Maya)										
Philippines	**3,096.8**	**2,546.7**	**2,942.2**	**3,746.0**	**2,514.9**	**2,334.2**	**1,789.7**	**1,660.0**	**1,501.8**	**2,051.0**
NCR	1.0	0.4	..	..	..	3.1	1.8	14.7	39.0	207.7
Metro Manila	1.0	0.4	..	..	..	3.1	1.8	14.7	39.0	207.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	147.7	109.0	30.6	30.8	35.0	35.9	49.0	41.3	39.6	35.7
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	4.5	6.8	3.6	3.1	3.1	2.0	2.0	2.1	..	0.6
Pangasinan	143.2	102.2	26.9	27.7	31.9	33.9	46.9	39.3	39.6	35.1
Cagayan Valley	45.6	50.5	65.2	64.5	56.7	58.8	41.8	50.7	48.1	28.8
Cagayan	45.6	50.5	65.2	64.5	56.7	58.8	41.8	50.7	48.1	28.8
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	4.3	..	..	..	..	..	..	1.3	2.9	4.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	4.3	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	1.3	2.9	4.9
CALABARZON	97.5	219.2	740.3	1,218.3	301.5	131.2	151.4	201.4	21.3	301.6
Batangas	14.6	17.4	20.4	42.3	13.6	12.2	6.2	6.1	8.7	8.3
Cavite	2.2	5.1	5.7	5.2	2.3	0.5	0.4	2.1	1.5	2.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	80.7	196.8	714.2	1,170.8	285.7	118.5	144.7	193.2	11.1	290.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	616.1	569.7	520.5	595.6	601.4	560.4	547.5	633.2	444.9	410.8
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	79.2	62.9	64.4	65.3	66.2	63.7	68.2	66.3	64.3	63.0
Oriental Mindoro	27.2	25.9	25.3	24.9	23.3	20.5	18.5	16.8	12.2	6.0
Palawan	509.6	481.0	430.8	505.4	511.9	476.2	460.7	550.2	368.4	341.8
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	65.1	57.6	52.6	78.2	74.9	65.4	39.5	41.2	43.9	200.5
Albay	..	..	1.0	21.1	30.0	52.9	29.6	30.7	35.5	48.1
Camarines Norte	32.9	32.8	34.6	38.1	32.4	6.8	8.3	6.1	0.8	3.2
Camarines Sur	12.0	20.8	17.0	16.0	11.0	4.0	..	..	0.1	2.3
Catanduanes	..	..	..	3.0	1.5	1.6	1.7	..	..	..
Masbate	20.2	3.5	..	..	..	..	..	..	7.5	147.0
Sorsogon	..	0.5	..	..	..	..	..	4.4	..	..
Western Visayas	695.5	699.1	802.9	1,346.1	1,099.8	1,071.8	615.7	366.3	421.0	410.3
Aklan	3.8	3.3	2.4	4.9	1.3	2.1	1.8	0.5	13.7	11.2
Antique	153.8	118.6	137.4	102.8	104.9	103.6	96.5	55.1	59.9	52.7
Capiz	430.7	472.1	506.3	522.0	536.0	255.0	29.3	..	..	..
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	74.5	86.9	85.1	99.9	62.6	57.7	70.8	35.5	41.5	38.2
Negros Occidental	32.6	18.3	71.7	616.5	395.1	653.3	417.3	275.2	305.9	308.3
Central Visayas	172.3	160.0	137.8	128.4	143.0	126.8	39.0	18.9	29.5	8.3
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	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	29.5	8.3
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	840.4	428.2	288.8	40.3	15.2	13.2	9.6	7.1	111.5	125.6
Biliran	18.0	9.6	2.5	2.9	0.5	0.5	0.3	0.3	0.4	2.2
Eastern Samar	96.9	..	..	..	..	..	..	..	..	..
Leyte	628.9	332.1	261.1	17.5	0.1	..	..	0.4	19.6	18.3
Northern Samar	59.0	72.4	25.2	19.8	14.7	12.7	9.3	6.4	6.5	6.7
Southern Leyte	6.9	..	..	..	..	..	..	..	..	..
Samar	30.7	14.1	..	..	..	..	..	..	85.1	98.5
Zamboanga Peninsula	55.4	9.3	11.5	11.2	17.0	15.8	66.2	59.1	28.8	29.8
Zamboanga del Nort	..	3.5	..	..	..	..	..	..	..	..
Zamboanga del Sur	23.2	0.2	0.5	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	37.0	..	..	1.5
Zamboanga Sibuga	32.2	5.5	11.1	11.2	17.0	15.8	29.2	59.1	28.8	28.3
Northern Mindanao	260.1	139.8	216.1	129.0	107.1	156.5	163.4	167.2	156.0	182.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	260.1	139.8	216.1	129.0	107.1	156.5	163.4	167.2	156.0	182.4
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	40.3	15.1	6.3	37.5	6.4
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	0.8	15.1	6.3	8.9	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	39.5	..	..	28.6	6.4
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	50.6	49.3	13.7	37.0	33.0	28.5	26.4	11.3	1.2	2.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	50.6	49.3	13.7	37.0	33.0	28.5	26.4	11.3	1.2	2.2
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	36.0	45.8	48.3	49.8	11.9	6.2	2.7	0.8	12.4	41.7
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	30.4	40.7	44.3	49.8	6.4	6.2	2.7	..	3.8	5.9
Surigao del Sur	5.6	5.1	4.0	..	5.5	..	..	0.8	8.6	35.8
ARMM	9.4	9.0	13.9	17.1	18.3	20.4	20.7	39.2	64.3	54.2
Basilan	..	..	..	..	..	..	..	..	19.0	..
Lanao del Sur	1.2	1.9	1.9	1.9	1.9	..	..	18.4	20.1	19.4
Maguindanao	6.8	3.9	5.7	6.1	5.9	9.0	8.4	7.3	8.4	16.3
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	1.4	3.2	6.3	9.1	10.5	11.4	12.3	13.6	16.8	18.5

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Spanish Mackerel (Tanigue)										
Philippines	**5,785.8**	**4,503.2**	**5,178.0**	**4,502.1**	**4,912.4**	**5,600.4**	**5,286.9**	**5,317.9**	**5,787.0**	**4,587.3**
NCR	16.4	17.4	21.8	38.0	39.5	29.6	38.1	60.7	192.9	228.1
Metro Manila	16.4	17.4	21.8	38.0	39.5	29.6	38.1	60.7	192.9	228.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	97.1	89.4	29.7	31.7	21.7	33.9	40.7	51.9	43.3	41.6
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	4.1	2.4	2.0	2.7	5.2	6.2	6.2	7.0	8.2	7.8
Pangasinan	92.9	87.1	27.7	29.0	16.5	27.8	34.4	44.9	35.1	33.8
Cagayan Valley	323.4	453.4	594.9	507.3	405.8	419.4	436.9	420.9	405.1	382.9
Cagayan	323.4	453.4	594.9	507.3	405.8	419.4	436.9	420.9	405.1	382.9
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	30.7	10.5	5.1	3.3	1.0	..	..	2.8	275.2	40.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	9.2	..	..	..	..	..	..	..	258.8	..
Bulacan	20.7	7.6	3.1	3.3	1.0	..	..	..	10.6	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	0.8	2.9	2.0	..	..	..	..	2.8	5.7	40.9
CALABARZON	664.9	389.0	416.0	416.0	877.8	1,471.3	841.5	520.5	597.5	446.7
Batangas	32.6	22.8	38.6	31.2	21.3	30.8	20.9	24.5	29.9	12.0
Cavite	0.7	0.6	0.2	..	9.9	31.4	64.6	45.8	33.1	54.0
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	631.6	365.6	377.2	384.8	846.7	1,409.2	755.9	450.2	534.5	380.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	317.3	248.6	248.0	287.1	263.6	242.0	222.1	260.5	259.8	278.0
Marinduque	..	..	..	..	..	..	..	..	..	2.5
Occidental Mindoro	42.0	27.2	37.8	35.3	34.9	34.2	31.8	30.5	31.5	35.5
Oriental Mindoro	12.2	12.0	11.2	10.7	9.3	8.3	7.8	6.0	4.3	3.5
Palawan	252.6	194.9	183.8	208.4	197.2	175.2	155.5	192.9	212.3	235.0
Romblon	10.6	14.6	15.3	32.7	22.2	24.4	27.0	31.0	11.7	1.6
Bicol Region	183.4	181.3	200.5	217.0	345.7	464.7	609.4	505.8	544.1	570.5
Albay	28.4	64.0	88.5	117.9	194.9	303.7	448.6	427.2	424.0	443.1
Camarines Norte	27.6	41.0	41.5	35.7	87.1	96.1	95.6	24.8	64.7	57.4
Camarines Sur	57.2	37.5	24.1	22.0	20.1	15.0	12.5	10.6	27.4	45.0
Catanduanes	33.3	36.6	39.1	41.3	37.1	39.4	37.8	30.6	27.6	24.7
Masbate	12.4	2.2	..	..	..	..	..	..	0.0	0.4
Sorsogon	24.5	..	7.2	..	6.5	10.5	15.0	12.6	0.5	..
Western Visayas	1,211.4	1,146.7	1,004.4	874.9	930.8	761.2	813.6	788.6	427.4	200.3
Aklan	4.6	0.9	0.4	0.3	0.1	0.1	..	..	..	..
Antique	85.5	104.2	105.0	76.3	66.7	60.0	57.2	30.7	23.6	16.2
Capiz	519.5	550.7	524.3	512.0	464.0	15.7	11.1	2.6	4.7	5.0
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	325.5	311.5	320.6	258.0	172.4	510.6	433.4	288.9	205.5	107.4
Negros Occidental	276.3	179.4	54.2	28.3	227.7	174.9	311.9	466.3	193.6	71.8
Central Visayas	167.7	80.6	97.8	71.5	42.2	29.6	22.8	60.7	209.5	71.8
Bohol	50.4	6.2	0.8	..	..	..	..	2.8	..	..
Cebu	44.5	27.6	29.2	28.0	37.1	27.7	19.4	51.3	189.3	12.7
Negros Oriental	72.8	46.8	67.8	43.5	5.1	1.9	3.5	6.6	20.2	59.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	636.4	336.0	265.8	151.9	166.3	186.7	222.5	244.1	505.2	127.9
Biliran	27.5	3.7	4.0	4.5	2.9	2.5	2.7	2.3	2.9	12.0
Eastern Samar	83.8	..	..	..	..	..	..	..	262.8	32.0
Leyte	365.8	168.3	121.5	10.1	3.2	1.0	2.6	7.1	32.5	..
Northern Samar	86.8	96.1	51.4	42.4	47.4	41.1	35.8	32.8	30.3	27.7
Southern Leyte	51.6	43.5	49.0	55.6	73.0	103.9	136.4	155.7	114.1	14.7
Samar	20.9	24.3	39.8	39.3	39.9	38.2	45.0	46.3	62.7	41.5
Zamboanga Peninsula	837.5	478.8	883.9	571.3	531.2	413.0	461.9	815.7	627.2	438.7
Zamboanga del Nort	140.0	14.3	..	..	..	..	..	..	..	..
Zamboanga del Sur	527.0	364.3	603.0	403.8	430.5	289.9	301.4	329.9	293.5	236.3
Zamboanga City	91.9	22.0	159.3	71.9	0.8	..	18.1	358.8	217.5	152.9
Zamboanga Sibugay	78.6	78.1	121.7	95.6	100.0	123.1	142.4	126.9	116.2	49.6
Northern Mindanao	634.4	419.2	747.8	674.4	597.0	851.9	843.3	781.2	885.9	960.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	0.4	..	..	..	..	..	..
Lanao del Norte	570.7	368.5	690.2	548.6	523.9	785.7	768.8	717.1	830.5	909.5
Misamis Occidental	63.7	50.6	57.6	125.5	73.1	66.2	74.6	64.2	55.4	51.0
Misamis Oriental	..	0.1	0.0	..	..	..	..	..	..	..
Davao Region	16.6	21.5	9.6	11.7	10.1	6.4	32.7	26.7	25.5	15.1
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	1.4	0.3	0.5	..	..	1.3	25.4	21.0	21.1	2.0
Davao City	1.6	0.7	0.7	..	..	..	..	..	..	..
Davao Oriental	13.6	20.5	8.4	11.7	10.1	5.1	7.3	5.7	4.4	13.2
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	90.8	89.4	91.2	87.2	90.1	105.6	120.9	171.2	82.7	77.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	0.6	..	..	..	..	..	..	1.4
South Cotabato	5.2	4.6	5.6	4.1	6.2	8.3	12.3	73.8	10.5	6.2
Sultan Kudarat	85.6	84.9	85.0	83.1	83.9	97.3	108.7	97.4	72.2	69.8
Caraga	48.3	44.3	52.2	42.0	74.1	48.9	38.9	57.8	70.2	71.5
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	46.7	42.6	52.0	26.1	55.9	31.4	19.0	37.0	34.2	44.0
Surigao del Sur	1.6	1.7	0.2	15.9	18.3	17.5	19.9	20.8	36.0	27.5
ARMM	509.6	497.3	509.4	516.8	515.5	536.0	541.6	548.9	635.7	635.2
Basilan	..	..	..	..	..	..	..	..	87.0	91.2
Lanao del Sur	28.2	30.4	31.0	31.0	30.7	52.6	68.4	68.9	52.3	51.6
Maguindanao	7.0	6.8	6.7	8.0	7.2	7.3	7.1	5.2	8.7	..
Sulu	455.7	442.4	452.8	460.1	460.1	455.5	443.1	446.2	453.5	459.6
Tawi-tawi	18.7	17.8	18.8	17.8	17.5	20.7	23.0	28.6	34.3	32.9

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Squid (Pusit)										
Philippines	**14,677.4**	**12,919.2**	**14,402.5**	**13,333.3**	**13,489.2**	**14,520.1**	**12,536.3**	**12,229.8**	**11,944.6**	**11,062.5**
NCR	232.0	136.2	250.5	236.7	202.2	325.1	112.9	190.0	292.4	357.6
Metro Manila	232.0	136.2	250.5	236.7	202.2	325.1	112.9	190.0	292.4	357.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	152.0	98.5	53.7	45.7	51.6	51.9	68.9	74.2	70.6	71.5
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	59.1	34.3	41.2	42.3	29.3	28.8	32.4	32.2	35.1	30.4
Pangasinan	93.0	64.2	12.5	3.4	22.3	23.1	36.5	42.0	35.6	41.1
Cagayan Valley	399.2	386.1	440.4	440.4	378.9	394.5	395.8	400.6	390.4	284.2
Cagayan	399.2	386.1	440.4	440.4	378.9	394.5	395.8	400.6	390.4	284.2
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	242.9	169.8	53.2	52.0	43.1	37.4	36.3	39.8	188.5	25.0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	145.0	102.1	..	..	..	..	..	..	156.3	0.2
Bulacan	80.6	53.5	50.4	52.0	43.1	37.4	36.3	39.8	27.3	23.9
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	17.3	14.2	2.8	..	..	..	..	..	4.9	0.9
CALABARZON	2,661.2	2,371.9	1,603.6	1,863.7	1,531.9	1,092.9	711.0	679.0	1,214.8	896.6
Batangas	265.2	279.3	268.7	223.5	167.6	153.2	166.2	176.7	150.2	95.1
Cavite	241.6	240.0	273.6	301.7	200.8	213.5	281.5	219.1	303.4	232.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	2,154.4	1,852.6	1,061.4	1,338.5	1,163.6	726.3	263.3	283.2	761.2	568.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,343.6	985.4	1,027.7	980.9	1,047.6	1,019.9	1,027.9	911.4	1,299.3	1,447.8
Marinduque	0.1	1.2	1.9	0.9	2.2	..	1.0	1.0	4.8	3.8
Occidental Mindoro	518.9	405.6	423.9	401.6	386.7	396.4	426.9	434.4	426.8	370.6
Oriental Mindoro	109.9	109.3	117.7	113.4	122.8	142.2	161.4	154.9	153.5	143.3
Palawan	714.8	469.4	484.2	465.0	535.9	481.3	438.7	321.1	714.1	930.1
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	896.5	796.3	907.0	887.5	865.6	977.8	974.6	864.6	687.9	698.6
Albay	350.2	253.2	273.0	275.8	283.2	308.0	323.6	296.7	290.1	312.2
Camarines Norte	207.6	222.5	323.8	308.6	329.2	372.3	383.0	360.9	266.8	255.6
Camarines Sur	93.4	118.6	110.5	126.2	121.6	103.1	96.0	74.4	52.3	36.5
Catanduanes	..	..	..	..	0.6	..	..	..	..	..
Masbate	228.9	186.9	188.8	170.9	126.6	133.5	125.0	127.5	78.6	94.3
Sorsogon	16.4	15.1	11.0	6.1	4.4	60.9	47.1	5.1	..	..
Western Visayas	3,822.2	4,155.1	4,565.0	4,160.0	3,695.8	5,553.6	5,360.2	5,035.8	3,408.5	3,735.5
Aklan	1.0	3.4	0.2	4.1	4.9	6.1	7.5	5.9	7.5	7.8
Antique	63.5	38.6	12.3	14.0	13.6	21.2	55.7	60.8	85.8	59.7
Capiz	715.1	739.9	779.0	737.0	740.0	479.3	74.3	88.0	166.8	339.4
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	2,199.7	1,921.0	2,356.9	2,193.1	1,860.9	3,523.9	3,530.1	3,529.7	1,805.3	2,348.7
Negros Occidental	843.0	1,452.2	1,416.6	1,211.9	1,076.4	1,523.0	1,692.6	1,351.4	1,343.0	979.9
Central Visayas	730.3	804.0	869.6	892.6	876.1	1,192.8	428.4	327.3	639.0	255.3
Bohol	32.8	36.1	59.6	60.9	25.1	12.5	12.0	16.3	1.6	0.2
Cebu	569.3	673.3	735.0	763.8	769.3	1,088.6	275.7	218.5	531.8	156.2
Negros Oriental	128.3	94.6	75.0	68.0	81.7	91.8	140.8	92.5	105.5	98.9
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	869.6	535.5	560.2	485.5	411.7	387.3	456.8	502.4	323.3	313.9
Biliran	8.8	5.6	6.0	6.5	1.8	1.7	1.6	1.6	2.2	11.6
Eastern Samar	281.9	45.7	27.6	6.0	..	..	..	..	..	7.0
Leyte	283.0	145.3	99.0	31.0	9.0	0.7	171.0	228.7	5.0	..
Northern Samar	81.3	73.7	116.4	117.1	120.8	125.0	127.9	136.7	144.0	139.9
Southern Leyte	82.7	68.0	52.0	47.3	..	..	..	..	6.9	..
Samar	131.9	197.3	259.2	277.5	280.1	259.9	156.3	135.5	165.2	155.4
Zamboanga Peninsula	613.9	371.0	1,024.2	661.8	1,093.6	1,090.4	504.7	642.7	1,326.7	740.9
Zamboanga del Nort	412.1	147.1	195.4	72.9	116.0	56.3	35.6	10.0	..	..
Zamboanga del Sur	37.0	15.0	116.9	14.3	5.0	..	..	..	4.4	17.9
Zamboanga City	22.7	103.7	538.7	498.3	909.5	973.5	432.7	575.5	1,273.6	659.7
Zamboanga Sibugay	142.1	105.1	173.3	76.3	63.0	60.6	36.4	57.3	48.6	63.3
Northern Mindanao	855.2	795.9	1,116.3	723.5	279.6	361.8	735.9	427.7	417.6	333.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	644.5	420.9	378.8	282.5	264.0	336.3	301.0	322.3	279.8	244.4
Misamis Occidental	..	..	1.0	2.6	4.4	9.1	11.4	11.3	10.4	9.8
Misamis Oriental	210.7	374.9	736.6	438.4	11.2	16.4	423.5	94.2	127.4	78.8
Davao Region	932.2	419.0	924.4	938.4	1,311.2	565.6	350.7	249.7	59.9	206.4
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	887.5	361.9	880.5	879.1	1,243.7	534.7	337.5	242.4	51.2	182.4
Davao City	2.5	3.1	2.5	3.2	2.4	1.8	4.6	2.1	5.2	..
Davao Oriental	42.2	54.0	41.5	56.1	65.1	29.2	8.6	5.3	3.6	24.0
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	419.1	503.7	647.5	680.8	1,393.0	1,173.9	1,067.4	1,562.3	1,255.0	1,269.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	1.4	5.2	32.1	42.5	27.0	1.4	5.9	4.2	1.7
South Cotabato	419.1	502.3	642.4	648.8	1,350.5	1,147.0	1,066.0	1,556.4	1,250.8	1,268.2
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	315.8	157.4	120.5	47.0	79.1	104.1	109.7	103.8	95.3	134.2
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	313.6	151.3	117.7	43.8	27.2	58.2	105.2	100.9	82.6	108.0
Surigao del Sur	2.2	6.1	2.9	3.3	51.9	45.9	4.5	3.0	12.7	26.2
ARMM	191.7	233.6	238.4	236.7	228.4	191.1	195.1	218.5	275.5	292.3
Basilan	48.9	90.7	97.1	90.4	84.8	40.8	38.3	51.3	101.2	113.0
Lanao del Sur	..	..	..	..	..	..	..	11.6	16.1	16.1
Maguindanao	5.8	5.3	6.3	7.4	7.3	9.5	9.6	3.5	4.6	10.8
Sulu	119.7	119.7	114.3	117.0	119.9	121.6	126.0	129.3	131.0	130.3
Tawi-tawi	17.3	17.9	20.8	22.0	16.3	19.3	21.1	22.9	22.6	22.1

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Threadfin Bream (Bisugo)										
Philippines	**18,809.4**	**15,433.9**	**14,467.8**	**15,383.3**	**14,440.7**	**11,507.1**	**8,476.6**	**8,320.2**	**6,472.5**	**6,506.4**
NCR	6,644.8	5,604.2	5,205.7	6,185.1	5,118.7	3,387.7	1,402.8	721.6	1,150.8	1,399.4
Metro Manila	6,644.8	5,604.2	5,205.7	6,185.1	5,118.7	3,387.7	1,402.8	721.6	1,150.8	1,399.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	135.6	122.7	94.7	72.0	93.5	102.1	112.9	122.3	130.1	185.6
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	29.1	45.4	29.9	32.2	53.2	54.1	54.2	56.8	62.5	61.9
Pangasinan	106.6	77.3	64.9	39.8	40.3	47.9	58.7	65.5	67.6	123.7
Cagayan Valley	64.3	175.5	385.5	406.2	368.9	365.6	385.8	358.0	331.3	316.6
Cagayan	64.3	175.5	385.5	406.2	368.9	365.6	385.8	358.0	331.3	316.6
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	197.6	108.7	60.5	63.6	37.6	43.7	40.4	46.7	48.7	84.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	122.6	57.5	..	..	..	..	1.5	1.2	..	..
Bulacan	75.0	51.2	60.5	63.6	37.6	43.7	38.9	36.3	44.4	65.2
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	..	..	..	..	..	..	..	9.3	4.3	19.5
CALABARZON	1,234.1	778.2	829.9	213.4	281.0	446.0	472.6	921.7	409.6	350.2
Batangas	225.6	175.3	183.6	84.5	49.9	42.9	36.2	83.0	48.5	38.0
Cavite	45.0	61.7	75.3	58.1	79.0	84.9	73.8	137.6	116.5	57.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	963.5	541.1	571.1	70.8	152.1	318.3	362.7	701.1	244.6	254.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	951.4	805.1	827.2	781.8	873.8	826.8	835.6	955.9	566.1	506.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	73.6	51.1	60.3	57.2	58.5	57.6	61.7	61.1	63.7	62.7
Oriental Mindoro	29.9	31.1	30.5	31.4	28.9	29.7	26.7	30.0	17.8	13.6
Palawan	847.9	722.9	736.4	693.2	786.4	739.5	747.3	864.8	484.6	430.1
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	510.5	599.3	566.5	628.1	621.3	598.4	547.5	494.9	492.3	527.8
Albay	17.9	..	..	1.0	35.4	36.9	..	0.8	1.6	1.5
Camarines Norte	168.5	121.0	158.1	160.6	137.1	152.8	150.1	160.0	210.5	254.5
Camarines Sur	289.7	467.6	408.4	466.5	448.8	408.7	365.2	313.1	231.2	208.6
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	34.4	10.7	..	..	..	..	..	..	49.0	63.1
Sorsogon	..	..	..	..	..	..	32.3	21.0	..	..
Western Visayas	2,995.6	3,737.8	3,786.3	4,465.3	4,274.9	3,363.0	3,331.2	3,273.5	1,944.8	2,399.2
Aklan	14.2	10.1	11.5	15.8	20.8	20.4	22.4	23.1	20.3	21.4
Antique	169.7	122.6	86.3	93.0	73.9	71.5	108.8	107.5	99.3	95.4
Capiz	1,030.4	1,058.3	1,119.8	1,136.0	1,223.0	849.3	95.3	109.4	108.7	81.0
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,090.3	1,008.1	1,319.6	1,973.0	1,690.9	1,306.4	1,152.5	1,405.4	949.3	1,437.7
Negros Occidental	691.0	1,538.9	1,249.1	1,247.5	1,266.3	1,115.5	1,952.3	1,628.1	767.2	763.8
Central Visayas	118.1	106.8	65.0	56.0	78.5	341.8	318.1	460.7	355.2	63.7
Bohol	..	4.8	..	..	..	..	8.7	3.2	14.1	..
Cebu	118.1	102.1	65.0	56.0	78.5	341.8	309.4	457.5	329.3	63.7
Negros Oriental	..	..	..	..	..	..	..	..	11.8	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	5,350.2	2,611.1	2,096.3	1,937.6	2,051.3	1,560.8	627.3	405.0	428.9	468.9
Biliran	126.3	90.9	64.1	73.7	74.6	79.0	80.3	80.2	86.6	106.0
Eastern Samar	435.4	73.7	..	..	..	..	..	..	..	..
Leyte	4,302.8	2,123.3	1,578.2	1,330.2	1,462.7	919.6	182.7	10.1	..	18.6
Northern Samar	81.9	99.6	115.8	133.1	121.1	119.6	125.2	133.8	140.1	135.3
Southern Leyte	7.8	..	..	..	..	..	..	..	3.2	..
Samar	396.1	223.6	338.3	400.6	392.9	442.6	239.2	181.0	198.9	209.0
Zamboanga Peninsula	482.0	718.1	484.6	484.8	551.5	395.0	302.9	492.3	547.0	154.4
Zamboanga del Nort	168.7	33.5	38.9	..	..	..	..	..	..	..
Zamboanga del Sur	6.3	277.5	11.4	..	..	..	..	..	..	..
Zamboanga City	80.8	211.7	184.2	154.4	175.8	166.6	93.0	311.0	419.8	40.4
Zamboanga Sibugay	226.2	195.4	250.1	330.4	375.7	228.4	209.9	181.3	127.2	114.0
Northern Mindanao	..	..	12.1	30.1	35.4	21.6	26.5	26.8	28.9	..
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	12.1	30.1	35.4	21.6	26.5	26.8	28.9	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	10.9	12.6	..	..
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	..	..	..	..	..	..	10.9	12.6	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	18.3	20.8	5.7	19.6	12.4	9.4	9.7	4.2	1.4	..
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	18.3	20.8	5.7	19.6	12.4	9.4	9.7	4.2	1.4	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	87.7	18.3	13.4	6.4	9.0	18.9	27.6	..	10.6	17.0
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	87.7	18.3	13.4	5.1	..	..	..	..	0.9	0.4
Surigao del Sur	..	..	..	1.4	9.0	18.9	27.6	..	9.7	16.6
ARMM	19.1	27.2	34.5	33.5	33.0	26.5	24.8	24.0	27.0	32.6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	7.4	8.5	8.6	8.6	8.6	..	..	..	..	..
Maguindanao	4.1	4.4	4.5	4.5	4.2	4.2	3.5	1.9	2.0	4.3
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	7.7	14.4	21.3	20.4	20.2	22.3	21.4	22.1	25.0	28.3

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Yellowfin Tuna (Tambakol/Bariles)										
Philippines	**116,528.5**	**91,439.8**	**85,351.6**	**68,625.3**	**79,508.7**	**83,394.4**	**94,256.4**	**102,400.3**	**67,916.8**	**70,242.0**
NCR	1,211.8	936.0	1,332.5	800.5	736.5	841.4	812.4	728.1	1,082.0	959.0
Metro Manila	1,211.8	936.0	1,332.5	800.5	736.5	841.4	812.4	728.1	1,082.0	959.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	200.1	61.6	99.4	26.3	34.4	35.5	31.6	83.4	368.1	417.6
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	60.1	15.8	16.4	15.3	14.4	13.7	13.0	13.6	12.2	12.6
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	140.0	45.8	82.9	11.0	20.0	21.7	18.6	69.9	356.0	405.0
Cagayan Valley	1,163.6	939.5	668.7	554.2	479.2	387.4	406.2	399.3	366.4	334.3
Cagayan	1,163.6	939.5	668.7	554.2	479.2	387.4	406.2	399.3	366.4	334.3
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	622.1	772.0	596.3	844.2	536.5	472.0	480.2	496.3	238.4	526.0
Aurora	5.3	5.6	4.7	7.2	6.5	6.2	6.0	..	0.7	..
Bataan	20.9	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	595.9	766.5	591.6	837.0	530.0	465.7	474.2	496.3	237.7	526.0
CALABARZON	2,016.4	5,165.9	3,511.1	3,062.2	4,223.6	4,827.2	3,654.8	2,235.7	2,734.5	2,710.4
Batangas	457.8	680.3	737.4	742.0	946.3	941.1	737.0	492.4	575.7	637.8
Cavite	12.6	9.4	28.2	119.9	179.4	333.4	590.6	340.5	248.8	184.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,546.0	4,476.2	2,745.6	2,200.3	3,098.0	3,552.8	2,327.2	1,402.8	1,910.0	1,888.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	4,369.2	3,318.3	2,886.1	2,512.1	2,672.4	2,810.0	2,429.2	2,178.4	1,241.7	1,492.4
Marinduque	1.1	2.9	3.9	2.1	2.7	..	0.8	0.6	2.8	1.7
Occidental Mindoro	485.4	464.5	704.6	469.2	499.1	512.3	513.3	525.7	553.5	637.8
Oriental Mindoro	67.7	68.4	85.8	79.0	76.1	82.6	72.9	61.3	41.2	43.4
Palawan	3,786.7	2,687.0	1,903.1	1,894.8	2,031.9	2,163.1	1,787.6	1,530.4	596.6	737.2
Romblon	28.4	95.6	188.7	67.0	62.6	52.0	54.5	60.5	47.6	72.3
Bicol Region	841.2	1,100.3	920.6	880.2	920.7	885.6	931.9	691.1	752.1	826.5
Albay	624.3	829.2	696.7	666.5	669.6	623.4	627.2	596.3	595.2	747.0
Camarines Norte	63.5	158.6	153.4	138.1	185.5	193.6	194.6	33.0	86.0	6.0
Camarines Sur	55.9	24.7	18.3	21.4	17.9	16.0	16.0	11.8	15.9	12.5
Catanduanes	68.6	70.5	48.6	50.6	47.0	51.9	52.6	50.1	49.9	50.0
Masbate	5.1	2.2	..	..	..	..	..	..	..	..
Sorsogon	23.9	15.4	3.6	3.6	0.9	0.6	41.5	0.0	5.1	11.0
Western Visayas	2,064.9	2,133.9	1,697.1	1,698.7	1,138.6	1,585.2	1,423.8	1,353.1	1,190.9	1,122.6
Aklan	35.4	26.8	19.2	21.2	15.1	10.8	11.1	13.0	15.2	22.1
Antique	655.6	580.9	616.0	590.9	568.7	560.7	557.1	559.2	613.8	547.2
Capiz	299.0	351.4	356.5	374.0	35.0	9.2	9.0	7.7	3.8	22.4
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	1,009.2	1,139.6	592.9	659.8	488.7	973.2	815.5	741.0	534.7	158.3
Negros Occidental	65.8	35.1	112.5	52.8	31.1	31.4	31.1	32.1	23.5	372.7
Central Visayas	997.9	1,405.1	1,719.7	1,330.3	1,286.1	1,037.1	869.1	727.0	746.4	337.8
Bohol	19.3	8.0	4.5	0.2	1.1	0.1	2.4	..	..	0.3
Cebu	34.1	184.4	298.4	191.0	209.0	212.0	113.0	94.0	121.0	58.4
Negros Oriental	944.5	1,212.6	1,416.8	1,139.1	1,076.0	825.0	753.7	633.0	625.4	279.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	3,173.0	4,328.8	4,039.2	4,507.8	4,481.0	3,936.0	3,118.2	2,657.6	1,912.7	794.3
Biliran	28.9	13.2	5.0	0.7	0.1	0.0	0.0	0.0	..	..
Eastern Samar	1,804.4	2,790.2	2,354.7	2,943.5	2,726.9	2,654.9	2,157.0	1,633.8	1,333.3	550.5
Leyte	686.8	799.7	1,192.5	1,079.7	1,314.4	861.1	557.9	620.7	188.9	9.4
Northern Samar	256.0	339.1	216.7	182.7	167.6	163.0	156.4	156.1	162.1	166.8
Southern Leyte	342.3	293.0	252.0	232.0	231.5	253.9	246.8	247.0	217.2	56.9
Samar	54.6	93.6	18.3	69.3	40.6	3.1	..	..	11.3	10.7
Zamboanga Peninsula	5,522.4	9,821.5	11,083.2	5,632.2	5,236.0	5,707.1	5,939.2	6,299.9	6,088.8	4,772.1
Zamboanga del Nort	262.7	247.1	148.8	217.5	512.7	135.2	157.6	159.8	105.9	169.9
Zamboanga del Sur	1,935.0	5,249.0	4,412.8	3,092.0	3,399.1	4,543.3	5,044.6	4,701.4	4,214.8	4,231.1
Zamboanga City	3,305.8	4,188.0	6,362.0	2,317.7	1,324.2	1,028.7	737.1	1,438.7	1,755.1	371.1
Zamboanga Sibuga	18.9	137.4	159.6	5.0	..	..	..	..	13.0	..
Northern Mindanao	1,042.1	1,868.3	1,157.7	1,324.9	1,190.0	1,081.2	1,049.3	1,330.5	1,481.0	1,487.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	778.2	1,542.8	904.4	1,096.7	988.3	895.9	892.2	1,214.1	1,323.4	1,325.4
Misamis Occidental	258.2	296.3	253.3	228.3	200.0	185.3	157.1	113.8	106.1	107.2
Misamis Oriental	5.6	29.3	..	..	1.7	..	..	2.7	51.5	54.9
Davao Region	2,685.8	1,736.8	2,683.7	2,033.3	1,795.2	3,364.8	1,969.6	1,233.3	1,235.0	665.2
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	30.3	33.4	73.2	86.5	136.1	718.4	352.8	248.3	194.7	19.6
Davao City	2,508.8	1,617.5	2,564.3	1,814.7	1,559.4	2,370.9	1,474.0	842.3	905.9	443.9
Davao Oriental	146.7	85.8	46.2	132.2	99.6	275.5	142.8	142.7	134.4	201.8
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	81,437.6	49,016.1	44,992.2	36,205.4	48,843.2	50,611.8	65,394.4	76,623.6	43,247.0	48,298.7
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	400.9	242.5	112.3	116.1	156.5	159.1	152.6	41.5	19.0	12.5
South Cotabato	80,327.2	47,955.6	44,097.8	35,352.3	48,101.9	49,888.7	64,679.1	76,182.8	42,845.1	47,879.5
Sultan Kudarat	709.4	818.0	782.1	737.0	584.7	564.0	562.7	399.3	382.9	406.8
Caraga	1,321.7	1,223.3	1,283.7	913.3	688.3	749.2	863.9	820.5	852.0	1,115.9
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	1,105.9	812.9	791.0	630.2	488.6	535.7	594.5	569.5	468.4	484.6
Surigao del Sur	215.8	410.4	492.7	283.2	199.8	213.6	269.5	251.0	383.7	631.3
ARMM	7,858.8	7,612.5	6,680.5	6,299.7	5,247.0	5,063.0	4,882.8	4,542.4	4,379.9	4,381.8
Basilan	344.7	510.6	482.1	436.0	400.4	340.2	338.5	319.2	436.3	850.4
Lanao del Sur	26.1	28.4	30.0	29.8	29.7	25.6	48.5	53.4	53.6	53.2
Maguindanao	9.6	22.2	20.9	20.0	20.9	26.3	26.5	18.5	22.3	33.2
Sulu	7,460.4	7,011.2	6,102.6	5,769.7	4,748.0	4,609.9	4,397.3	4,067.9	3,750.2	3,325.0
Tawi-tawi	18.1	40.1	44.8	44.1	48.0	61.1	71.9	83.5	117.5	120.1

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

Table 2.7.1
COMMERCIAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**71,205.4**	**81,440.5**	**82,379.9**	**78,212.9**	**73,257.4**	**76,635.9**	**66,400.1**	**57,230.1**	**62,512.1**	**51,146.2**
NCR	4,722.9	6,700.5	7,213.0	7,229.6	7,497.5	9,851.4	9,057.6	5,602.9	7,949.6	6,691.3
Metro Manila	4,722.9	6,700.5	7,213.0	7,229.6	7,497.5	9,851.4	9,057.6	5,602.9	7,949.6	6,691.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	1,119.0	1,800.8	1,504.2	916.5	803.9	639.2	667.9	662.6	441.1	478.1
Ilocos Norte	.	.	.	.	.	.	.	.	.	.
Ilocos Sur	17.9	2.3	2.3	2.7	3.0	3.0	3.1	3.2	2.8	2.0
La Union	413.9	1,296.5	1,110.5	708.9	636.0	415.0	359.7	251.0	262.5	237.6
Pangasinan	687.2	502.0	391.5	204.9	165.0	221.2	305.1	408.4	175.8	238.4
Cagayan Valley	1,372.0	1,249.1	2,213.9	2,189.7	1,493.8	1,288.6	1,251.7	1,183.5	1,084.8	839.5
Cagayan	1,372.0	1,249.1	2,213.9	2,189.7	1,493.8	1,288.6	1,251.7	1,183.5	1,084.8	839.5
Isabela	.	.	.	.	.	.	.	.	.	.
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,405.2	527.8	121.5	97.4	80.8	95.2	86.5	242.8	118.7	321.2
Aurora	3.5	5.1	6.6	4.9	3.7	4.5	4.6	..	1.4	..
Bataan	1,166.1	407.1	..	..	..	..	..	146.4	..	13.5
Bulacan	213.1	78.9	95.8	79.7	66.9	82.7	68.0	84.6	106.7	250.8
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	.	.	.	.	.	.	.	.	.	.
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	22.5	36.7	19.1	12.8	10.3	8.1	13.8	11.8	10.6	57.0
CALABARZON	5,286.3	7,137.0	7,022.4	6,538.6	4,640.3	3,502.4	2,317.3	1,891.3	6,315.3	5,614.8
Batangas	538.4	507.8	504.4	420.4	221.3	146.9	122.9	119.1	150.6	142.8
Cavite	696.9	654.5	496.7	485.9	587.3	676.7	671.6	579.7	524.0	1,453.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	4,051.0	5,974.8	6,021.3	5,632.3	3,831.7	2,678.9	1,522.9	1,192.6	5,640.7	4,018.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,675.3	2,823.6	2,595.2	1,973.9	2,649.1	2,167.5	2,258.0	2,358.1	1,587.3	1,488.6
Marinduque	2.6	2.1	..	..	..	..	..	..	0.2	4.7
Occidental Mindoro	584.7	1,017.4	860.2	763.9	950.8	966.9	1,007.3	1,029.0	953.2	942.9
Oriental Mindoro	69.8	65.7	57.7	56.4	56.0	59.5	62.4	65.7	44.5	74.6
Palawan	980.9	1,685.1	1,629.3	1,093.4	1,583.0	1,055.6	1,106.3	1,182.1	546.0	460.4
Romblon	37.3	53.3	48.0	60.3	59.5	85.4	82.0	81.2	43.4	6.1
Bicol Region	1,709.3	1,902.2	1,248.9	1,164.1	1,214.5	1,134.9	1,331.5	1,019.6	1,028.4	1,150.8
Albay	159.6	244.5	190.0	184.8	186.6	205.5	222.6	24.0	39.5	126.7
Camarines Norte	84.1	59.5	31.5	31.2	..	..	..	221.0	312.0	252.6
Camarines Sur	1,145.4	1,056.7	624.6	569.2	521.7	440.4	330.3	279.3	287.9	286.4
Catanduanes	24.3	25.2	34.3	38.0	37.6	51.5	53.9	52.9	52.9	52.6
Masbate	231.4	347.1	176.6	145.2	279.6	152.0	184.0	115.6	140.4	180.3
Sorsogon	64.6	169.2	192.1	195.7	189.1	285.4	540.8	326.9	195.8	252.2
Western Visayas	32,485.4	25,479.4	23,181.4	24,336.9	26,397.5	25,787.1	19,559.7	18,252.6	21,834.1	18,551.1
Aklan	139.5	109.4	127.4	124.7	117.9	121.6	119.7	106.8	82.4	90.0
Antique	1,725.0	1,486.2	1,398.1	1,973.9	2,380.0	2,416.6	2,359.8	2,319.9	2,705.9	3,170.0
Capiz	4,366.8	4,974.5	5,375.6	5,257.9	5,809.8	4,309.7	1,114.5	1,706.7	1,390.0	1,458.8
Guimaras	.	.	.	.	.	.	.	.	.	.
Iloilo	16,567.9	10,907.8	6,331.3	7,123.8	6,839.6	7,826.7	6,544.2	6,389.3	7,790.8	5,436.1
Negros Occidental	9,686.2	8,001.5	9,948.9	9,856.7	11,250.2	11,112.6	9,421.7	7,729.9	9,865.1	8,396.1
Central Visayas	5,480.1	6,869.3	7,405.4	7,137.5	8,637.6	9,045.1	10,165.0	9,554.4	8,090.7	2,804.5
Bohol	334.2	278.3	133.0	76.3	220.3	221.2	303.7	192.7	626.2	317.7
Cebu	4,887.5	6,050.6	6,068.9	6,199.1	7,239.2	7,711.8	8,687.7	8,238.5	6,704.0	1,120.9
Negros Oriental	258.4	540.4	1,203.6	862.1	1,178.1	1,112.1	1,173.6	1,123.2	760.5	1,365.9
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	1,126.7	10,558.4	8,090.1	5,197.3	4,153.3	4,064.9	2,859.8	2,655.1	1,942.1	750.9
Biliran	26.2	7.7	9.4	7.6	0.7	0.2	0.2	0.1	0.0	47.4
Eastern Samar	554.7	9,149.6	6,189.1	3,677.6	3,165.7	2,907.4	2,383.7	2,129.0	1,118.5	458.3
Leyte	344.8	493.6	1,397.6	1,105.8	670.6	808.1	249.0	321.2	452.9	77.8
Northern Samar	21.8	15.1	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	1.4	1.0	1.0	15.4	15.3
Samar	179.3	892.3	494.0	406.3	316.3	347.9	226.0	203.7	355.3	152.2
Zamboanga Peninsula	4,497.2	7,606.8	12,311.9	12,350.9	6,152.2	6,185.2	6,981.5	3,709.8	3,711.0	4,389.5
Zamboanga del Nort	1,056.2	1,633.7	1,835.3	2,009.4	2,475.0	3,007.9	3,392.2	1,179.1	1,316.7	882.1
Zamboanga del Sur	204.8	512.7	1,202.6	645.5	691.4	769.3	865.8	553.1	1,045.7	778.6
Zamboanga City	2,343.7	4,330.5	8,229.8	9,215.2	2,446.0	2,100.5	2,400.0	1,632.5	940.0	2,411.9
Zamboanga Sibugay	892.5	1,129.9	1,044.2	480.8	539.8	307.6	323.5	345.1	408.6	316.9
Northern Mindanao	4,802.0	3,477.7	2,870.8	2,419.3	1,842.7	1,470.7	1,693.6	1,589.8	1,598.0	1,549.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	7.2	9.0	11.9	..	..	1.6	24.1	10.0	28.4
Lanao del Norte	1,671.1	1,474.3	1,309.3	1,097.5	1,237.3	1,029.7	1,132.2	1,109.7	1,055.8	1,010.9
Misamis Occidental	1,981.3	1,391.7	791.3	561.9	503.8	412.3	337.5	328.0	246.9	240.6
Misamis Oriental	1,149.7	604.6	761.3	748.0	101.6	28.7	222.4	128.0	285.3	269.1
Davao Region	768.2	1,286.4	1,115.0	795.8	752.9	2,220.7	1,087.0	902.8	504.9	236.3
Davao del Norte	.	.	.	.	.	.	.	.	.	.
Davao del Sur	319.0	399.3	247.2	216.4	79.7	1,383.5	646.7	448.1	187.4	59.3
Davao City	348.7	626.9	598.3	473.3	629.0	575.4	329.8	387.9	280.6	138.0
Davao Oriental	100.6	260.2	269.6	106.1	44.3	261.8	110.5	66.8	36.9	39.1
Compostela Valley	.	.	.	.	.	.	.	.	.	.
SOCCSKSARGEN	1,354.2	1,057.2	2,132.0	2,278.9	3,708.3	6,273.7	4,303.0	4,837.0	3,400.5	3,260.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	5.1	9.0	17.9	17.9	23.1	18.9	23.9	6.1	2.3	3.7
South Cotabato	1,243.3	944.5	2,012.0	2,159.6	3,608.7	6,172.3	4,189.3	4,732.4	3,330.8	3,213.6
Sultan Kudarat	105.8	103.7	102.1	101.3	76.5	82.6	89.9	98.5	67.4	43.2
Caraga	416.1	430.3	668.7	775.7	453.6	374.5	426.6	487.6	735.4	894.5
Agusan del Norte	.	.	.	.	.	.	.	.	.	.
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	350.4	390.0	521.0	555.3	307.2	231.0	221.4	252.1	290.1	290.3
Surigao del Sur	65.8	40.2	147.6	220.4	146.4	143.5	205.2	235.5	445.3	604.2
ARMM	2,985.6	2,534.3	2,685.3	2,811.1	2,779.6	2,534.8	2,353.3	2,280.4	2,170.2	2,125.6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	230.7	234.5	238.1	237.1	235.9	58.1	..	..	..	..
Maguindanao	..	..	..	..	45.6	45.7	37.7	17.3	10.7	..
Sulu	2,669.5	2,212.9	2,355.2	2,490.2	2,411.6	2,336.2	2,231.9	2,176.2	2,053.5	2,017.9
Tawi-tawi	85.4	86.9	91.9	83.8	86.6	94.8	83.8	86.9	106.0	107.7

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

Source: Philippine Statistics Authority

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Carp										
Philippines	**11,969.8**	**12,811.3**	**12,242.3**	**13,872.5**	**14,689.1**	**15,371.8**	**15,606.3**	**14,426.8**	**13,070.3**	**13,300.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	106.3	106.9	103.7	108.0	121.6	133.8	133.1	135.5	128.1	115.3
Abra	45.4	43.1	42.4	42.3	53.4	53.5	50.6	51.7	34.3	19.5
Apayao	11.6	13.0	11.7	13.4	13.9	23.6	23.9	24.1	23.8	24.7
Benguet	19.7	21.8	19.8	20.3	21.1	21.3	22.0	22.8	23.6	25.2
Ifugao	15.8	14.5	14.2	15.8	16.3	17.3	17.6	17.3	26.0	26.7
Kalinga	13.7	14.5	15.6	16.3	17.0	18.1	19.0	19.5	19.7	18.8
Mountain Province	..	..	..	..	..	..	..	0.1	0.7	0.4
Ilocos Region	118.7	83.6	60.5	74.0	84.7	35.5	25.5	23.7	119.2	65.7
Ilocos Norte	23.1	12.0	13.1	12.1	23.4	6.3	2.9	3.7	6.5	3.8
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	16.8	10.1	4.8	7.3	15.1	6.8	6.3	4.8	65.3	30.5
Pangasinan	78.7	61.6	42.7	54.5	46.2	22.4	16.3	15.3	47.4	31.4
Cagayan Valley	1,433.9	1,471.2	1,431.0	1,427.0	1,727.9	1,593.4	1,481.4	1,306.3	1,370.8	1,356.0
Cagayan	794.8	738.8	671.6	694.1	847.8	718.5	661.3	510.6	496.9	468.2
Isabela	469.0	532.0	582.3	544.8	648.8	637.5	586.9	620.3	646.8	675.6
Nueva Vizcaya	132.0	140.6	129.2	138.6	154.0	154.7	154.8	115.0	162.4	141.8
Quirino	38.2	59.8	48.0	49.6	77.2	82.7	78.4	60.4	64.6	70.3
Central Luzon	1,473.5	1,666.7	1,887.3	1,969.0	2,059.3	2,281.3	2,328.9	2,295.4	2,392.7	2,537.7
Aurora	6.3	6.2	5.2	5.9	5.7	6.6	7.4	7.3	7.2	6.2
Bataan	1.6	0.3	0.3	0.4	0.3	0.4	..	..	0.0	0.9
Bulacan	113.7	74.1	213.1	246.7	79.0	103.3	75.2	149.0	240.4	376.8
Nueva Ecija	40.6	38.7	48.4	27.7	52.8	74.9	50.7	56.8	84.7	121.7
Pampanga	1,254.8	1,405.7	1,469.2	1,508.7	1,694.8	1,892.5	1,995.3	1,904.9	1,892.0	1,911.4
Tarlac	56.3	141.6	151.0	179.7	225.3	203.6	200.4	177.3	166.2	116.5
Zambales	0.2	0.2	..	..	1.4	..	..	..	2.1	4.1
CALABARZON	563.4	385.9	360.5	353.7	365.5	371.1	405.9	395.8	373.1	264.0
Batangas	..	5.1	2.4	..	9.3	1.2	45.3	20.7	3.6	4.7
Cavite	0.4	1.0	0.2	0.1	0.3	1.4	..	4.2	0.1	0.2
Laguna	279.5	297.1	291.1	286.0	287.6	299.7	292.4	263.8	215.9	216.5
Quezon	0.0	..	0.0	0.0	0.0	..	0.1	..	..	..
Rizal	283.5	82.8	66.8	67.6	68.3	68.9	68.2	107.1	153.4	42.7
MIMAROPA	63.6	62.0	59.4	61.9	62.9	70.3	70.3	71.5	87.1	120.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	13.7	12.5	7.9	8.1	8.3	9.6	10.3	10.6	10.5	11.0
Oriental Mindoro	49.9	49.5	51.5	53.6	54.6	60.1	59.7	60.6	76.6	109.5
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	0.2	0.1	0.7	0.2	0.4	0.0	..
Bicol Region	1,230.3	1,307.5	1,265.3	1,348.0	1,446.0	1,416.5	1,359.1	1,400.0	1,087.2	1,113.5
Albay	153.8	137.2	126.2	130.8	159.8	183.5	154.8	297.0	296.1	187.2
Camarines Norte	4.2	0.7	0.7	0.8	..	..	..	..	11.1	6.4
Camarines Sur	1,056.8	1,159.3	1,129.5	1,208.4	1,274.6	1,213.8	1,182.8	1,076.8	745.7	883.8
Catanduanes	0.1	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	15.5	10.3	8.9	8.0	11.6	19.2	21.5	26.2	34.2	36.1
Western Visayas	235.1	217.6	113.8	140.3	121.4	125.5	94.9	82.5	122.4	131.1
Aklan	0.8	1.7	1.3	1.5	0.9	1.3	2.2	2.1	1.2	5.7
Antique	0.1	..	..	..	..	..	..	..	..	..
Capiz	4.7	17.7	15.8	19.5	19.8	25.0	19.6	17.0	10.9	12.3
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	228.9	197.3	96.6	113.0	95.2	92.8	69.7	60.2	108.7	112.9
Negros Occidental	0.8	0.8	0.2	6.3	5.5	6.4	3.5	3.2	1.6	0.2
Central Visayas	2.9	3.6	1.4	1.3	1.0	1.0	1.2	1.6	1.4	0.9
Bohol	2.3	2.8	1.2	1.1	0.9	0.9	0.9	1.5	1.1	0.8
Cebu	0.1	0.0	0.0	..	..	..	..	..	..	..
Negros Oriental	0.5	0.8	0.3	0.2	0.1	0.1	0.4	0.2	0.3	0.1
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	170.6	85.0	83.2	93.6	77.3	75.8	71.0	68.9	67.6	70.6
Biliran	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	110.3	33.3	5.3	5.9	0.7	0.2	0.2	0.0	0.4	0.1
Northern Samar	48.6	44.3	72.4	80.8	76.5	75.6	70.7	68.3	66.8	58.5
Southern Leyte	1.3	..	..	..	..	..	..	..	..	..
Samar	10.4	7.3	5.5	6.9	..	..	..	0.5	0.4	12.0
Zamboanga Peninsula	89.3	107.5	120.0	110.1	107.3	106.3	102.7	99.8	99.4	99.3
Zamboanga del Norte	6.7	7.7	11.0	15.3	17.8	17.6	19.2	16.8	17.5	15.7
Zamboanga del Sur	82.0	93.1	107.8	84.3	81.8	79.9	75.5	70.2	75.5	80.9
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	0.6	6.7	1.1	10.5	7.7	8.7	8.0	12.9	6.4	2.7
Northern Mindanao	223.6	432.6	410.4	585.6	414.0	515.2	660.7	646.3	698.2	711.0
Bukidnon	113.1	269.5	220.5	401.3	173.3	311.1	389.4	361.2	414.4	413.3
Camiguin	0.0	0.0	0.1	0.0	0.1	0.0	0.0	..	..	0.1
Lanao del Norte	108.4	158.5	176.7	172.7	219.1	182.2	253.3	255.1	250.4	268.6
Misamis Occidental	0.4	0.4	2.2	2.2	6.8	10.9	11.5	12.7	11.9	10.0
Misamis Oriental	1.8	4.2	10.9	9.3	14.8	10.9	6.5	17.2	21.5	19.0
Davao Region	6.5	7.0	7.8	7.8	6.6	7.6	6.3	8.3	10.4	11.7
Davao del Norte	0.1	0.0	0.1	0.0	0.5	0.4	0.4	0.5	0.1	0.9
Davao del Sur	0.2	0.3	1.1	..	1.2	0.5	1.5	0.9	3.1	1.1
Davao City	..	..	..	..	..	..	..	..	1.1	3.3
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	6.1	6.7	6.6	7.8	4.9	6.7	4.4	6.9	6.1	6.5
SOCCSKSARGEN	3,822.0	4,423.3	3,737.7	3,871.4	3,884.8	3,524.8	3,415.5	3,379.9	3,323.5	2,699.6
North Cotabato	2,681.4	3,210.2	2,503.5	2,618.1	2,602.7	2,360.0	2,515.4	2,585.4	2,669.8	2,461.5
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	2.3	2.6	1.3	1.7	1.1	..	..	..	0.2	..
Sultan Kudarat	1,138.3	1,210.4	1,232.8	1,251.7	1,281.0	1,164.8	900.1	794.5	653.6	238.2
Caraga	361.8	297.8	348.7	350.6	445.1	485.6	489.3	359.3	265.0	352.4
Agusan del Norte	89.1	45.9	77.0	65.5	78.0	65.0	64.2	61.9	55.1	54.4
Agusan del Sur	224.0	205.4	209.4	164.8	206.1	264.0	295.0	204.3	160.0	227.9
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	21.7	16.2	29.6	67.8	66.3	70.7	42.4	34.2	9.1	37.1
Surigao del Sur	27.0	30.3	32.8	52.4	94.7	86.0	87.7	58.9	40.9	33.1
ARMM	2,068.4	2,153.1	2,251.7	3,370.3	3,763.8	4,628.3	4,960.5	4,152.1	2,924.2	3,651.6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2,068.4	2,153.1	2,251.7	3,370.3	3,763.8	4,628.3	4,960.5	4,152.1	2,924.2	3,651.6
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Catfish (Hito)										
Philippines	**5,517.1**	**5,684.6**	**5,136.8**	**5,491.3**	**5,768.4**	**6,201.9**	**6,211.3**	**6,263.4**	**5,735.1**	**5,669.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	25.0	25.2	26.4	26.7	29.0	39.8	38.1	37.2	37.0	33.0
Abra	3.8	2.3	2.9	2.9	3.5	7.0	4.2	2.4	1.4	2.7
Apayao	5.5	5.1	5.8	5.7	6.7	13.3	13.6	13.9	14.3	7.3
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	0.5	0.5
Kalinga	15.6	17.8	17.7	18.1	18.8	19.5	20.4	20.9	20.9	22.4
Mountain Province	..	..	..	..	..	..	..	..	..	0.1
Ilocos Region	114.7	89.2	57.6	70.3	100.0	82.1	50.3	42.4	37.6	27.9
Ilocos Norte	15.1	7.7	7.1	7.6	15.7	10.8	3.8	2.3	0.7	1.5
Ilocos Sur	2.0	3.2	3.8	4.1	4.2	4.7	4.8	4.4	5.9	4.9
La Union	12.6	21.6	21.5	15.6	26.1	18.2	15.2	21.2	16.1	8.4
Pangasinan	85.1	56.7	25.2	43.0	54.0	48.4	26.6	14.6	14.9	13.1
Cagayan Valley	478.5	480.3	462.7	480.0	610.1	652.5	577.4	454.0	360.4	361.5
Cagayan	347.0	324.7	284.5	277.3	350.1	383.9	349.6	258.7	199.1	190.8
Isabela	34.9	58.1	86.6	105.7	152.0	160.3	121.7	126.9	104.3	122.9
Nueva Vizcaya	93.7	94.8	89.3	94.7	105.8	106.2	104.6	67.5	53.9	45.0
Quirino	3.0	2.7	2.3	2.4	2.2	2.2	1.5	1.0	3.1	2.8
Central Luzon	1,140.6	1,140.0	1,134.3	1,186.8	1,276.7	1,302.4	1,273.8	1,292.5	1,392.8	1,391.2
Aurora	14.2	18.9	20.3	22.8	22.4	24.2	25.3	25.4	24.1	13.4
Bataan	7.7	8.5	9.1	10.3	11.0	12.1	12.8	12.6	2.0	3.5
Bulacan	58.4	82.2	21.6	70.7	48.4	39.0	87.8	37.8	20.3	28.2
Nueva Ecija	200.6	204.0	225.8	174.3	155.4	132.1	103.4	97.3	168.5	114.0
Pampanga	818.4	766.1	767.6	841.2	975.2	1,046.5	1,000.3	1,040.1	1,065.7	1,118.3
Tarlac	30.3	58.8	86.3	60.0	58.1	42.3	39.8	74.6	105.4	103.4
Zambales	11.0	1.5	3.7	7.5	6.3	6.1	4.4	4.8	6.9	10.5
CALABARZON	137.7	121.9	125.5	123.1	123.6	128.6	128.8	121.6	102.2	139.5
Batangas	5.3	4.7	..	..	..	..	..	..	..	..
Cavite	0.2	0.0	0.0	..	..	..	..	..	..	..
Laguna	98.1	107.9	115.6	112.9	113.1	117.8	118.1	113.4	101.5	120.0
Quezon	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.2	0.2	..
Rizal	34.0	9.1	9.6	10.1	10.4	10.6	10.6	7.9	0.6	19.5
MIMAROPA	39.1	111.3	67.2	61.5	63.1	47.8	47.6	39.9	58.9	76.6
Marinduque	4.8	3.6	3.6	3.0	3.2	4.5	5.6	5.6	1.7	2.5
Occidental Mindoro	21.2	21.1	16.0	15.1	14.6	15.1	15.4	15.6	15.1	15.3
Oriental Mindoro	..	..	..	..	1.5	6.7	5.9	4.0	3.6	14.3
Palawan	9.1	83.6	44.9	39.9	40.7	18.2	18.0	11.5	37.5	43.5
Romblon	4.1	3.1	2.8	3.4	3.0	3.3	2.7	3.2	0.9	1.0
Bicol Region	170.2	168.4	158.6	158.8	175.2	180.8	185.3	74.1	131.7	205.0
Albay	133.1	113.9	107.2	105.2	116.3	126.9	129.7	43.1	44.5	40.7
Camarines Norte	5.8	9.8	9.5	8.6	7.9	5.4	6.1	6.5	4.0	3.7
Camarines Sur	20.0	23.4	16.0	17.2	18.8	14.0	12.2	8.1	55.6	135.3
Catanduanes	..	..	0.2	0.4	0.5	0.8	1.0	1.2	1.4	0.6
Masbate	8.2	9.7	12.2	15.0	20.9	22.9	25.4	13.6	24.0	21.7
Sorsogon	3.2	11.7	13.5	12.3	10.8	11.0	11.1	1.6	2.2	2.9
Western Visayas	394.9	371.9	196.4	236.9	247.2	108.5	96.6	87.4	140.2	199.4
Aklan	1.3	3.2	2.9	2.7	5.5	2.2	2.9	3.8	3.1	24.7
Antique	6.6	7.5	4.9	4.4	6.7	6.6	5.6	5.0	4.1	3.6
Capiz	9.0	10.7	9.3	13.6	15.6	21.3	21.2	13.8	8.2	7.1
Guimaras	4.7	6.2	4.2	5.0	6.1	3.1	4.6	4.0	5.0	8.3
Iloilo	352.6	324.7	150.9	180.2	179.5	38.7	41.3	38.7	117.2	147.9
Negros Occidental	20.8	19.6	24.1	30.9	33.8	36.6	21.1	22.1	2.8	7.8
Central Visayas	3.2	3.7	2.3	2.5	2.8	3.3	4.6	2.8	3.0	3.9
Bohol	2.1	2.4	1.0	0.6	0.5	0.9	0.8	0.6	1.5	2.0
Cebu	0.9	1.1	1.0	1.5	2.0	1.9	2.8	1.6	0.7	0.6
Negros Oriental	0.1	0.2	0.3	0.3	0.4	0.5	1.1	0.6	0.7	1.2
Siquijor	.	.	.	.	.	.	.	.	0.0	.
Eastern Visayas	69.6	46.1	58.5	55.0	41.4	38.9	33.6	23.2	19.0	18.2
Biliran	0.3	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.4
Eastern Samar	40.6	21.6	26.1	24.2	13.3	12.7	9.3	1.8	..	..
Leyte	8.5	3.5	2.9	1.6	0.4	0.0	0.0	..	0.4	0.2
Northern Samar	20.3	20.7	29.5	29.2	27.5	26.1	24.2	21.3	18.3	17.0
Southern Leyte	..	..	..	..	0.2	..	..	..	0.1	0.5
Samar	..	0.1	0.1	..	..	..	..	..	..	0.1
Zamboanga Peninsula	11.4	167.3	172.1	141.0	139.3	165.0	170.6	157.7	163.2	171.8
Zamboanga del Norte	4.2	5.7	6.9	6.9	7.5	7.1	7.0	6.5	6.7	7.8
Zamboanga del Sur	6.7	159.0	165.3	133.2	131.8	157.9	163.6	151.2	156.5	162.7
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	0.5	2.6	..	0.9	..	..	..	..	..	1.3
Northern Mindanao	5.5	5.0	9.1	27.0	63.8	71.3	97.0	104.7	93.7	106.3
Bukidnon	3.9	2.8	7.0	12.0	24.7	19.6	68.7	80.3	64.2	64.2
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	10.7	33.4	45.4	21.9	19.6	22.6	32.0
Misamis Occidental	0.3	0.4	0.4	1.5	3.6	5.7	6.4	4.8	6.0	8.2
Misamis Oriental	1.3	1.8	1.7	2.8	2.1	0.7	..	..	0.9	1.9
Davao Region	9.6	12.8	8.3	8.3	12.4	15.3	8.2	16.5	12.9	8.9
Davao del Norte	0.0	..	..	..	..	..	..	0.0	0.0	0.1
Davao del Sur	0.1	0.0	0.2	..	..	..	..	0.1	1.2	0.0
Davao City	..	0.3	..	..	..	..	..	..	..	0.2
Davao Oriental	5.3	5.8	3.0	1.8	6.0	7.9	0.3	0.6	..	..
Compostela Valley	4.3	6.7	5.1	6.5	6.5	7.4	7.9	15.9	11.7	8.5
SOCCSKSARGEN	1,313.2	1,625.4	1,424.5	1,406.3	1,376.9	1,578.0	1,758.2	1,801.9	2,017.4	1,755.4
North Cotabato	1,137.7	1,477.8	1,281.5	1,282.1	1,304.0	1,496.6	1,682.4	1,741.8	1,962.8	1,685.9
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	4.6	3.6	2.2	2.2	2.5	3.4	3.6	2.9	1.7	3.0
Sultan Kudarat	170.9	144.0	140.8	122.1	70.4	78.0	72.2	57.1	52.8	66.5
Caraga	358.9	172.5	185.0	206.7	178.8	257.2	222.6	154.5	133.2	192.7
Agusan del Norte	44.2	23.3	28.5	34.4	29.4	40.8	20.9	23.9	24.8	28.5
Agusan del Sur	290.6	120.4	126.9	143.0	133.2	195.4	163.0	104.9	87.2	135.1
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	10.9	12.7	12.1	11.2	5.4	8.7	9.2	3.9	13.6	18.3
Surigao del Sur	13.2	16.0	17.5	18.1	10.9	12.4	29.5	21.7	7.7	10.8
ARMM	1,245.1	1,143.6	1,048.4	1,300.5	1,328.2	1,530.5	1,518.5	1,853.1	1,031.9	978.8
Basilan	..	..	..	..	..	..	..	..	0.3	0.4
Lanao del Sur	..	..	..	..	..	..	..	332.7	15.9	27.8
Maguindanao	1,245.1	1,143.6	1,048.4	1,300.5	1,328.2	1,530.5	1,518.5	1,520.5	1,015.7	950.5
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Catfish (Kanduli)										
Philippines	**2,482.1**	**1,904.6**	**1,973.0**	**1,899.9**	**1,874.7**	**1,909.2**	**1,847.1**	**1,953.2**	**1,768.3**	**2,243.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	13.0	10.2	9.5	8.8	8.7	9.7	10.4	2.4	1.8	3.6
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	11.1	8.7	7.9	7.2	7.0	6.7	6.7	0.5	..	..
Kalinga	1.9	1.5	1.6	1.6	1.7	3.0	3.7	1.9	1.8	3.6
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	284.3	241.6	256.1	254.1	258.1	263.5	195.3	176.6	138.0	140.8
Cagayan	235.8	206.7	194.1	186.6	195.6	188.3	124.6	109.8	77.1	72.4
Isabela	36.1	23.0	40.5	54.3	53.7	55.1	50.9	50.3	48.5	58.3
Nueva Vizcaya	2.6	2.7	2.7	2.9	3.6	4.0	4.1	2.8	4.1	3.6
Quirino	9.8	9.2	18.8	10.4	5.2	16.1	15.8	13.8	8.3	6.6
Central Luzon	224.6	185.4	142.3	49.2	24.3	9.1	34.6	79.5	28.7	130.4
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	0.7	..
Bulacan	3.0	5.5	15.6	46.2	23.1	9.1	34.6	79.5	10.1	25.1
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	221.6	180.0	126.7	2.9	..	..	..	..	18.0	105.3
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	1.2	..	..	..	..	..
CALABARZON	1,825.9	1,405.9	1,515.1	1,514.8	1,516.0	1,571.0	1,562.9	1,598.2	1,492.1	1,878.2
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1,111.4	1,198.0	1,285.3	1,275.7	1,271.8	1,321.2	1,315.5	1,296.0	543.0	397.3
Quezon	..	..	..	..	0.0	0.1	..	..	..	..
Rizal	714.5	207.9	229.8	239.1	244.1	249.8	247.5	302.2	949.1	1,480.9
MIMAROPA	2.3	2.1	1.7	2.2	2.4	3.1	2.9	2.3	5.8	..
Marinduque	2.3	2.1	1.7	2.2	2.4	3.1	2.9	2.3	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	5.8	..
Romblon	..	..	..	..	..	..	0.0	..	..	..
Bicol Region	8.0	10.7	7.3	7.6	8.1	6.9	4.7	2.5	2.9	2.7
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	0.6	0.6
Camarines Sur	8.0	10.0	7.3	7.6	8.1	6.9	4.7	2.5	2.3	2.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	0.7	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	21.1	22.3	29.4	53.7	43.9	38.0	28.3	32.4	78.1	37.6
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0.5	0.2	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1.0	..	..	..	..	..	..	..	..	..
Iloilo	17.5	20.9	28.9	48.5	39.7	32.2	24.9	29.2	62.2	37.4
Negros Occidental	2.1	1.2	0.5	5.2	4.2	5.8	3.4	3.2	16.0	0.2
Central Visayas	0.0	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.0	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	13.4	7.6	5.5	7.2	7.3	7.6	5.4	4.6	3.7	3.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	1.3	..	0.1	..	..	0.1	..	..	..	..
Northern Samar	9.0	6.7	5.0	7.2	7.3	7.5	5.4	4.6	3.7	3.3
Southern Leyte	..	..	..	..	..	..	..	..	..	0.3
Samar	3.2	0.8	0.4	..	..	..	..	..	..	..
Zamboanga Peninsula	79.0	15.1	1.5	..	..	..	..	..	..	0.7
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	79.0	15.1	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	1.5	..	..	..	..	..	..	0.7
Northern Mindanao	9.2	..	..	..	1.8	..	2.2	54.6	..	29.4
Bukidnon	..	..	..	..	1.8	..	2.2	54.6	..	29.4
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	8.0	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	1.2	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	1.9	..	0.2	..	..	0.3
Davao del Norte	..	..	..	..	..	..	..	..	..	0.2
Davao del Sur	..	..	..	..	..	..	..	..	..	0.1
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	1.9	..	0.2	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	1.3	1.7	3.0	1.2	1.0	0.3	..	..	17.1	16.6
Agusan del Norte	..	1.7	2.0	1.2	1.0	0.3	..	..	17.1	16.6
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Climbing perch (Martiniko)										
Philippines	**2,330.2**	**2,321.3**	**2,022.3**	**2,566.2**	**2,308.3**	**2,307.3**	**2,392.8**	**2,168.9**	**2,068.5**	**2,072.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	0.6
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	0.6
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	0.2	0.1	0.1	0.2	0.2	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	0.2	0.1	0.1	0.2	0.2	..	..
Cagayan Valley	18.8	19.1	16.2	14.3	7.3	5.5	3.8	3.1	3.5	3.2
Cagayan	15.8	19.1	16.2	14.3	7.3	5.5	3.8	3.1	3.5	3.2
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	3.0	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	134.6	132.6	38.5	22.3	64.4	50.9	53.5	16.7	3.1	0.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	129.9	114.0	21.5	16.0	30.8	33.5	34.4	..	1.2	0.2
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	2.8	18.1	17.0	3.0	33.6	17.4	19.1	16.7	1.9	0.4
Zambales	2.0	0.5	..	3.3	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	21.1	2.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	1.2	2.1
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	19.9	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	18.4	16.2	14.1	16.2	15.0	11.6	8.8	4.0	14.5	93.4
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	18.0	15.9	13.5	15.5	14.3	11.0	8.0	3.4	14.4	93.3
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	0.4	0.3	0.6	0.7	0.8	0.6	0.8	0.5	0.1	0.1
Western Visayas	140.1	124.3	94.0	137.1	72.9	24.3	24.8	18.5	66.8	6.8
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	1.0	0.4	0.3	0.7	1.0	1.1	1.1	1.2	1.8	2.4
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	2.4	2.6	1.4	1.8	2.4	0.4	..	..	..	..
Iloilo	136.8	121.3	92.2	134.5	69.5	22.8	23.8	17.4	65.0	4.4
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	..	..	..	..	..	..	..	..	..	0.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	0.1
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	0.2	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	0.0	0.1	0.3	0.1	0.4	0.4	0.2	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	1,244.6	1,285.2	1,101.4	1,244.9	1,064.6	1,013.2	1,038.1	1,111.6	1,032.0	964.9
North Cotabato	785.0	888.6	747.0	978.0	922.6	932.6	985.1	1,051.3	975.8	912.1
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	0.5	0.6	0.7	1.1	1.2	..	..	..	..	..
Sultan Kudarat	459.0	396.0	353.7	265.8	140.8	80.6	53.0	60.3	56.2	52.8
Caraga	1.0	0.6	1.4	0.7	0.6	0.2	5.4	6.6	6.3	3.8
Agusan del Norte	1.0	0.6	1.4	0.7	0.6	0.2	5.4	6.6	6.3	3.8
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	770.2	735.7	756.3	1,130.5	1,083.1	1,201.4	1,257.9	1,007.8	921.0	996.9
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	770.2	735.7	756.3	1,130.5	1,083.1	1,201.4	1,257.9	1,007.8	921.0	996.9
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Eel (Igat)										
Philippines	**709.9**	**834.8**	**719.2**	**867.0**	**1,149.2**	**2,488.9**	**2,376.5**	**1,875.9**	**1,615.1**	**1,718.2**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	45.5	46.8	46.6	50.6	54.0	57.1	57.4	57.7	44.7	25.6
Abra	14.7	14.6	12.4	12.4	13.7	14.0	10.5	9.5	9.3	5.4
Apayao	20.1	22.4	24.3	28.1	29.5	31.2	32.7	33.5	20.2	10.5
Benguet	1.3	0.8	0.4	0.3	0.3	0.5	0.7	0.7	0.7	0.4
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	8.7	8.8	9.5	9.8	10.4	11.4	13.5	14.0	14.1	9.1
Mountain Province	0.6	0.1	..	..	0.2	..	..	0.1	0.4	0.2
Ilocos Region	29.8	8.0	10.4	10.7	16.3	15.8	10.9	7.3	11.7	7.4
Ilocos Norte	3.8	1.8	0.7	1.4	2.6	0.5	0.5	1.5	1.7	1.3
Ilocos Sur	0.6	0.4	1.6	1.5	1.6	1.8	1.9	1.9	1.6	1.8
La Union	5.7	2.8	5.2	6.4	9.3	6.9	5.9	1.9	6.2	2.5
Pangasinan	19.7	3.0	2.8	1.5	2.8	6.6	2.7	2.1	2.3	1.8
Cagayan Valley	95.4	144.8	163.1	186.5	444.2	1,727.5	1,573.5	1,176.2	923.3	990.6
Cagayan	78.6	125.9	139.3	153.2	199.7	611.4	531.8	257.0	212.9	204.8
Isabela	9.1	9.3	12.2	20.5	228.3	799.6	677.9	575.1	423.3	550.4
Nueva Vizcaya	4.0	4.7	4.6	4.7	5.3	245.9	275.6	275.2	163.5	93.0
Quirino	3.7	4.9	7.1	8.0	10.9	70.7	88.2	68.9	123.6	142.4
Central Luzon	18.6	79.5	22.7	27.2	24.2	27.9	28.7	28.0	31.0	33.0
Aurora	16.0	18.2	20.8	24.5	23.3	24.5	24.4	24.5	23.3	14.1
Bataan	0.6	..	..	..	..	..	..	..	0.6	3.4
Bulacan	..	61.0	1.1	1.7	..	1.1	1.6	1.6	6.2	15.1
Nueva Ecija	..	..	..	0.1	..	..	..	..	0.5	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	2.0	0.2	0.7	0.9	0.9	2.4	2.7	1.8	0.3	0.4
CALABARZON	6.7	3.8	2.9	0.3	0.2	0.3	0.1	0.2	12.8	18.2
Batangas	6.4	3.4	2.6	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	12.2	18.2
Quezon	0.3	0.4	0.3	0.3	0.2	0.3	0.1	0.2	0.6	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	8.0	7.5	5.0	5.7	6.5	8.4	8.6	8.2	11.6	10.6
Marinduque	..	..	..	..	..	..	..	..	1.6	1.1
Occidental Mindoro	6.2	6.2	4.1	4.8	5.2	5.6	6.3	6.5	6.1	5.9
Oriental Mindoro	..	..	..	..	..	..	..	..	2.5	2.4
Palawan	..	..	..	..	..	..	..	..	0.2	0.1
Romblon	1.8	1.3	0.9	0.9	1.2	2.7	2.4	1.7	1.1	1.1
Bicol Region	52.7	62.5	64.0	76.5	101.3	75.3	78.8	34.0	22.8	68.6
Albay	15.0	16.4	18.7	26.6	35.6	28.4	26.7	8.8	10.9	42.1
Camarines Norte	15.8	15.6	18.7	19.5	30.9	17.2	21.0	17.9	7.5	1.7
Camarines Sur	8.9	10.7	8.3	8.4	8.9	5.8	3.9	2.5	1.3	22.9
Catanduanes	1.2	1.0	1.4	1.7	2.2	2.4	2.5	2.7	2.9	1.2
Masbate	6.1	8.1	7.0	9.6	12.3	9.2	11.5	1.6	..	..
Sorsogon	5.7	10.7	10.0	10.7	11.4	12.3	13.1	0.5	0.3	0.6
Western Visayas	186.7	194.7	143.1	179.4	134.6	100.3	149.4	101.2	129.4	200.4
Aklan	3.0	4.3	4.0	3.7	1.3	2.3	1.1	1.6	0.6	0.7
Antique	3.4	3.7	3.2	3.0	2.7	3.7	4.6	5.0	3.2	5.9
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	2.6	2.7	1.8	1.5	1.7	1.2	1.3	1.3	1.2	2.5
Iloilo	144.0	132.0	87.9	138.7	91.5	53.4	98.4	48.3	104.6	190.9
Negros Occidental	33.7	51.9	46.2	32.6	37.5	39.6	44.0	45.1	19.7	0.4
Central Visayas	0.8	1.9	1.1	1.1	1.4	1.8	1.7	1.3	1.0	1.8
Bohol	0.7	0.6	0.7	0.6	0.7	1.1	0.9	0.8	0.1	0.2
Cebu	..	..	..	..	..	..	..	..	0.2	..
Negros Oriental	0.1	1.2	0.4	0.5	0.7	0.8	0.8	0.5	0.7	1.5
Siquijor	.	.	.	.	.	.	.	.	0.0	.
Eastern Visayas	44.3	32.0	31.8	28.9	18.7	11.8	13.1	8.2	7.6	17.4
Biliran	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.8
Eastern Samar	32.0	22.5	26.2	18.3	8.4	2.0	1.9	0.3	..	..
Leyte	3.8	0.4	0.2	0.4	0.2	0.0	0.0	..	0.0	0.2
Northern Samar	6.0	8.4	5.3	6.3	6.3	6.4	6.7	6.5	7.0	7.0
Southern Leyte	2.2	0.5	..	..	0.1	..	..	..	..	0.4
Samar	..	..	..	3.7	3.6	3.2	4.3	1.2	0.2	9.0
Zamboanga Peninsula	43.3	84.7	92.9	73.8	81.5	87.1	82.1	78.7	73.9	77.0
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	43.0	81.8	92.5	73.6	81.5	86.9	82.1	78.7	73.5	76.8
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	0.3	2.9	0.4	0.1	..	0.3	..	..	0.4	0.2
Northern Mindanao	41.0	46.6	46.8	72.7	81.2	100.1	76.1	62.3	59.1	64.9
Bukidnon	15.2	32.1	16.1	32.6	22.2	38.0	33.9	27.3	29.6	29.5
Camiguin	0.3	0.3	0.2	0.2	0.3	0.1	0.1	0.1	0.0	0.0
Lanao del Norte	23.8	10.4	18.5	22.6	36.8	38.5	19.5	14.5	12.2	18.6
Misamis Occidental	0.4	0.4	1.7	9.1	12.7	17.2	12.5	12.1	11.7	10.8
Misamis Oriental	1.4	3.4	10.3	8.1	9.2	6.3	10.2	8.3	5.5	6.0
Davao Region	7.5	5.5	6.1	4.9	12.5	16.7	4.4	9.0	9.4	13.0
Davao del Norte	0.0	0.1	0.0	..	0.0	0.0	0.0	0.0	..	0.2
Davao del Sur	0.1	..	0.0	..	..	..	..	..	0.4	0.1
Davao City	1.1	1.0	0.9	0.7	0.8	0.8	0.9	0.7	4.9	3.6
Davao Oriental	5.5	3.6	5.2	4.2	11.7	15.9	3.5	8.3	4.1	9.0
Compostela Valley	0.8	0.8	..	..	..	..	..	0.0	..	0.0
SOCCSKSARGEN	97.8	90.9	53.7	115.0	123.8	214.0	256.4	267.4	220.9	145.5
North Cotabato	97.8	90.9	53.7	115.0	123.8	214.0	256.4	267.4	220.9	145.5
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	31.0	24.7	28.1	32.9	47.9	44.0	34.6	35.3	55.6	43.9
Agusan del Norte	5.5	4.4	2.8	8.6	4.8	6.7	5.9	4.8	5.7	8.3
Agusan del Sur	5.7	1.2	2.7	5.0	11.9	8.7	6.4	0.7	2.9	1.2
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	6.6	4.3	3.2	2.1	2.1	3.9	2.7	1.4	0.6	0.7
Surigao del Sur	13.2	14.9	19.5	17.2	29.1	24.7	19.7	28.4	46.4	33.6
ARMM	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.5	0.6
Basilan	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.5	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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Freshwater Goby (Biya)										
Philippines	**6,110.6**	**5,906.2**	**5,619.4**	**5,611.5**	**5,412.2**	**5,334.2**	**5,676.4**	**3,988.0**	**3,278.8**	**3,030.3**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	108.2	106.7	101.1	122.4	140.2	143.7	143.4	152.2	141.2	133.6
Abra	30.4	31.5	31.6	35.5	47.4	46.8	43.6	54.2	57.3	58.1
Apayao	13.3	12.0	10.9	11.1	11.6	14.4	15.0	15.0	15.8	2.2
Benguet	3.7	5.0	4.9	4.6	4.4	4.4	4.5	4.5	4.6	7.9
Ifugao	33.3	31.1	28.2	46.3	52.0	52.6	52.9	50.0	34.3	35.4
Kalinga	20.0	19.6	18.6	19.5	20.3	21.4	23.2	23.9	24.7	25.9
Mountain Province	7.5	7.5	6.9	5.4	4.6	4.1	4.1	4.5	4.5	4.1
Ilocos Region	185.3	215.3	164.0	168.8	209.2	171.5	264.3	197.0	172.8	219.5
Ilocos Norte	57.2	51.0	40.5	59.0	65.6	45.4	43.0	29.5	33.4	33.4
Ilocos Sur	52.0	70.2	57.5	62.1	59.9	70.2	67.3	50.1	47.3	95.5
La Union	37.5	45.3	31.3	23.4	64.4	32.5	19.0	32.0	5.1	5.2
Pangasinan	38.6	48.8	34.8	24.3	19.4	23.5	135.1	85.4	86.9	85.3
Cagayan Valley	339.0	368.9	380.5	364.5	295.2	311.9	291.7	213.3	170.3	189.0
Cagayan	206.3	233.3	244.7	237.8	165.5	197.8	179.6	131.8	96.4	127.0
Isabela	66.9	59.6	58.5	48.0	49.2	36.2	19.0	19.2	18.5	16.2
Nueva Vizcaya	53.3	60.6	63.0	64.6	63.6	61.8	68.7	51.2	47.2	38.3
Quirino	12.6	15.5	14.3	14.0	16.9	16.1	24.4	11.2	8.1	7.6
Central Luzon	796.2	808.2	720.2	699.0	606.1	659.0	628.5	622.7	625.0	691.0
Aurora	14.1	13.8	15.1	16.6	17.2	17.7	18.3	18.1	17.2	12.9
Bataan	16.2	16.1	15.1	14.9	16.1	15.7	15.0	9.7	8.3	5.2
Bulacan	1.8	4.0	32.0	9.8	3.2	19.8	13.0	10.1	4.0	7.4
Nueva Ecija	105.4	90.7	130.4	79.5	64.0	34.7	19.5	1.1	27.4	23.6
Pampanga	652.1	649.5	520.9	564.6	495.8	560.8	551.9	574.1	564.4	635.8
Tarlac	2.9	27.4	1.8	7.8	0.5	0.0	0.6	0.7	2.1	0.4
Zambales	3.8	6.8	5.1	5.9	9.4	10.3	10.2	8.9	1.6	5.8
CALABARZON	318.6	328.8	318.6	327.7	308.3	273.3	233.9	313.3	308.8	278.9
Batangas	150.3	203.5	194.3	201.6	180.8	139.6	106.1	174.4	164.9	93.6
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	105.8	106.6	106.2	107.3	109.2	115.3	110.5	123.5	116.0	87.6
Quezon	..	..	..	..	..	..	0.0	0.0	..	..
Rizal	62.5	18.7	18.1	18.8	18.3	18.4	17.3	15.3	27.9	97.7
MIMAROPA	29.4	28.9	28.4	26.5	25.9	23.8	21.0	22.5	25.6	34.8
Marinduque	2.7	1.9	2.2	1.8	2.1	2.1	1.9	1.8	1.5	1.0
Occidental Mindoro	..	..	..	..	..	..	..	..	0.9	1.4
Oriental Mindoro	25.0	25.8	24.7	24.0	21.5	20.6	16.9	18.2	22.0	31.6
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	1.7	1.2	1.5	0.8	2.3	1.1	2.2	2.5	1.1	0.9
Bicol Region	39.1	42.8	36.2	30.7	27.7	19.6	13.9	8.5	26.2	13.7
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	37.9	42.1	36.0	30.6	27.6	19.6	13.9	8.5	26.0	12.9
Catanduanes	1.2	0.7	0.2	0.1	0.2	..	..	..	0.2	0.7
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	187.8	269.2	182.8	231.9	186.2	151.9	141.6	136.2	217.4	170.8
Aklan	27.2	63.6	63.9	73.2	69.2	59.6	61.3	51.5	66.1	44.7
Antique	30.3	39.7	28.7	30.2	35.7	34.7	37.0	33.9	26.1	23.2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	111.3	152.6	83.3	104.5	59.7	38.2	27.1	34.7	100.6	100.9
Negros Occidental	19.0	13.3	6.9	24.0	21.7	19.4	16.2	16.3	24.5	1.9
Central Visayas	0.1	0.1	0.3	0.4	0.3	..	0.0	0.1	16.2	8.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.1	0.1	0.3	0.4	0.3	..	0.0	0.1	16.2	8.0
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	144.5	65.9	65.2	49.2	34.9	30.8	0.5	0.0	0.0	0.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	143.5	64.9	65.1	49.2	34.9	30.8	0.5	0.0	..	..
Leyte	1.0	1.0	0.1	..	..	..	..	..	0.0	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	0.1
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	43.2	18.8	18.8	28.4	20.4	20.9	27.6	34.5	26.6	35.1
Zamboanga del Norte	5.9	7.0	6.1	8.0	9.8	9.6	8.8	8.5	9.6	9.7
Zamboanga del Sur	37.0	10.3	9.7	17.2	5.7	7.6	15.1	21.4	13.9	23.9
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	0.3	1.5	3.0	3.2	5.0	3.8	3.7	4.6	3.2	1.5
Northern Mindanao	57.0	53.9	68.3	70.9	54.2	51.6	43.2	51.9	23.5	34.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	48.9	43.4	52.3	43.2	18.8	21.1	11.5	14.6	7.5	18.3
Misamis Occidental	1.9	2.0	4.3	15.6	24.7	19.8	15.0	10.9	12.0	13.0
Misamis Oriental	6.2	8.5	11.7	12.1	10.8	10.6	16.7	26.5	4.0	3.4
Davao Region	0.0	0.1	..	..	..	0.0	..	..	0.3	0.1
Davao del Norte	0.0	0.1	..	..	..	0.0	..	..	0.3	0.1
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	38.0	22.1	19.2	17.4	12.6	10.9	12.3	21.2	16.9	10.5
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	0.6	0.5	0.3	..	..	..	..	..	..	..
Sultan Kudarat	37.4	21.7	19.0	17.4	12.6	10.9	12.3	21.2	16.9	10.5
Caraga	1,348.7	1,070.6	927.5	586.8	580.7	561.6	630.2	654.4	840.8	551.2
Agusan del Norte	430.8	383.8	344.9	323.1	334.1	315.3	342.7	358.2	328.4	291.1
Agusan del Sur	..	0.2	..	1.5	1.3	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	917.8	685.8	581.9	261.7	245.4	246.3	287.5	296.2	512.4	260.1
Surigao del Sur	..	0.8	0.7	0.6	..	..	..	..	..	..
ARMM	2,475.6	2,506.0	2,588.2	2,886.9	2,910.2	2,903.7	3,224.4	1,560.2	667.3	659.3
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	2,320.5	2,339.0	2,425.7	2,400.2	2,388.3	2,165.0	2,389.3	807.1	..	..
Maguindanao	155.1	167.0	162.4	486.7	521.9	738.8	835.1	753.1	667.3	659.3
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gourami										
Philippines	**6,108.4**	**6,352.5**	**6,153.2**	**7,271.6**	**6,608.4**	**6,839.6**	**6,431.5**	**5,665.7**	**4,286.3**	**4,175.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	5.4	4.5	3.6	3.1	2.8	2.6	1.9	1.4	0.8	4.1
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	0.2	0.5	0.2	0.8	4.1
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	5.4	4.5	3.6	3.1	2.8	2.5	1.4	1.2	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	40.2	20.6	16.1	9.8	13.6	13.8	12.8	13.8	18.5	13.1
Ilocos Norte	0.4	0.8	0.6	0.5	0.1	0.1	0.1	0.1	0.8	0.9
Ilocos Sur	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..
La Union	7.3	9.0	8.9	5.2	6.7	6.1	5.7	8.9	12.1	7.9
Pangasinan	32.5	10.8	6.5	4.1	6.8	7.5	7.0	4.8	5.6	4.2
Cagayan Valley	119.2	151.0	137.7	145.6	120.2	101.8	45.3	30.3	22.1	18.2
Cagayan	99.9	124.4	112.6	118.8	81.2	63.8	11.8	10.2	7.5	7.2
Isabela	9.4	16.1	14.9	15.6	28.1	26.9	22.5	12.7	8.4	7.5
Nueva Vizcaya	9.9	10.5	10.2	10.2	10.9	11.1	11.0	7.4	6.3	3.5
Quirino	..	..	..	0.9	..	..	..	..	..	..
Central Luzon	708.9	907.5	797.7	907.1	1,028.9	1,213.8	1,088.9	1,162.8	1,060.7	911.2
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	3.0	2.7	2.5	2.6	2.7	2.7	2.6	..	0.3	0.2
Bulacan	6.4	25.9	11.7	7.4	2.0	8.4	0.2	..	6.6	1.0
Nueva Ecija	124.4	95.4	87.2	146.9	117.8	164.1	78.1	98.2	122.4	97.0
Pampanga	487.0	588.0	538.2	576.6	682.8	841.7	825.6	880.1	761.1	674.4
Tarlac	83.2	195.0	154.5	169.2	212.8	187.3	174.5	178.0	163.0	136.0
Zambales	4.9	0.5	3.6	4.5	10.8	9.6	7.9	6.6	7.3	2.8
CALABARZON	502.1	543.6	617.1	606.1	607.9	644.3	658.3	539.0	263.1	251.9
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	487.1	540.8	614.0	602.7	604.4	640.7	654.8	535.6	262.6	251.9
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	15.0	2.9	3.2	3.4	3.5	3.7	3.5	3.4	0.5	..
MIMAROPA	0.9	1.9	..	..	15.6	40.1	38.5	26.7	3.1	6.5
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	0.9	1.9	..	..	..	..	..	..	1.6	1.6
Oriental Mindoro	..	..	..	..	15.6	40.1	38.5	26.7	1.5	4.9
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	25.3	34.3	39.3	52.2	84.5	100.2	108.9	93.0	49.6	55.0
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	16.0	18.8	15.6	15.2	13.7	10.7	6.5	3.2	7.5	2.7
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	9.4	15.5	23.7	37.0	70.7	89.4	102.4	89.8	42.1	52.2
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	132.9	15.8	6.6	20.3	30.4	14.6	15.1	9.2	3.8	2.8
Aklan	..	..	..	..	..	..	..	..	..	0.3
Antique	0.3	0.1	0.1	1.2	1.1	1.0	0.4	0.5	0.3	0.2
Capiz	0.6	2.6	1.6	0.7	1.2	2.8	3.5	3.7	0.9	1.1
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	131.4	12.7	4.8	12.8	24.0	5.8	9.7	3.3	2.3	1.2
Negros Occidental	0.6	0.5	0.1	5.7	4.2	5.1	1.6	1.6	0.3	..
Central Visayas	..	..	..	..	..	..	..	..	0.3	..
Bohol	..	..	..	..	..	..	..	..	0.3	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	39.8	22.7	29.4	22.4	17.7	17.2	14.3	12.5	9.9	7.8
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	19.7	13.8	12.8	4.6	0.2	0.0	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	0.0	..
Northern Samar	20.0	8.9	16.6	17.7	17.5	17.2	14.3	12.5	9.8	7.8
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	3.7	2.2	5.4	7.7	5.3	7.6	4.4	7.2	3.4	4.2
Bukidnon	..	..	..	..	..	..	..	4.6	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	0.1	0.1	1.0	0.7	2.5	3.9	4.4	2.6	3.4	4.2
Misamis Oriental	3.6	2.1	4.4	7.0	2.8	3.6	..	..	..	..
Davao Region	0.1	0.0	0.1	0.2	0.1	0.3	0.3	0.1	1.0	0.3
Davao del Norte	..	..	..	..	..	..	..	..	0.0	..
Davao del Sur	..	0.0	0.1	0.2	0.1	0.3	0.3	0.1	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	0.1	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	0.0	..	1.0	0.3
SOCCSKSARGEN	3,158.3	3,402.0	3,173.1	3,193.8	2,943.2	2,399.7	2,108.2	1,968.1	1,802.1	1,836.7
North Cotabato	1,358.7	1,559.6	1,407.8	1,376.9	1,171.2	1,006.2	1,033.5	1,028.3	926.1	993.0
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	2.5	1.9	1.5	1.7	1.4	1.4	1.5	1.3	1.4	1.9
Sultan Kudarat	1,797.1	1,840.5	1,763.8	1,815.3	1,770.5	1,392.1	1,073.2	938.4	874.7	841.8
Caraga	137.3	79.1	81.1	72.4	55.8	96.0	123.0	124.4	75.0	98.9
Agusan del Norte	2.9	1.9	0.9	2.2	2.1	3.6	13.8	25.4	20.0	19.4
Agusan del Sur	126.0	70.5	76.5	68.6	53.7	92.4	109.2	99.0	55.0	79.6
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	0.0	..	..	..	..	..	..	..	..
Surigao del Sur	8.4	6.8	3.6	1.6	..	..	..	..	..	..
ARMM	1,234.5	1,167.3	1,246.0	2,230.9	1,682.4	2,187.7	2,211.8	1,677.5	972.9	965.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	1,234.5	1,167.3	1,246.0	2,230.9	1,682.4	2,187.7	2,211.8	1,677.5	972.9	965.1
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish (Bangus)										
Philippines	**3,714.4**	**9,347.0**	**8,487.0**	**5,718.2**	**4,601.1**	**4,717.0**	**11,746.5**	**8,312.7**	**4,566.9**	**5,259.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	1.4	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	1.4	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	280.5	3,745.6	3,512.7	1,042.1	13.5	17.9	20.5	20.2	14.0	8.8
Ilocos Norte	0.1	..	0.5	1.5	..	..	..	..	..	..
Ilocos Sur	6.1	10.4	12.0	11.4	11.1	9.1	11.3	11.7	12.9	7.8
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	274.4	3,735.2	3,500.2	1,029.2	2.4	8.8	9.2	8.5	1.1	1.0
Cagayan Valley	33.5	37.8	38.8	41.1	19.9	22.8	21.3	21.3	16.1	19.5
Cagayan	33.5	37.8	38.8	41.1	19.9	22.8	21.3	21.3	16.1	19.5
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	7.8	17.0	11.1	19.3	7.3	3.9	1.0	..	135.2	167.5
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	4.0	..
Bulacan	7.8	17.0	11.1	19.3	7.3	..	1.0	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	131.2	166.7
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	3.9	..	..	..	0.8
CALABARZON	968.1	2,895.9	2,542.1	2,335.2	2,260.0	2,148.4	9,275.1	5,119.0	926.6	1,349.8
Batangas	197.8	261.9	688.1	468.8	553.8	361.3	477.0	1,062.3	404.8	406.1
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	104.6	1,168.3	496.5	452.5	434.6	456.9	1,440.6	483.7	248.9	154.8
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	665.7	1,465.7	1,357.4	1,414.0	1,271.6	1,330.2	7,357.6	3,573.0	272.9	789.0
MIMAROPA	2.3	3.9	4.2	4.7	4.6	1.3	..	..	0.1	..
Marinduque	2.3	3.9	4.2	4.7	4.6	1.3	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	0.1	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	24.2	27.7	25.0	27.2	29.4	21.0	16.4	11.1	0.3	1.9
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	0.3	1.9
Camarines Sur	24.2	27.7	25.0	27.2	29.4	21.0	16.4	11.1	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	571.7	387.2	95.3	71.1	83.9	150.9	105.9	93.8	56.3	19.3
Aklan	52.2	3.4	..	..	..	1.2	2.1	0.4	0.8	0.6
Antique	12.1	13.4	3.7	2.0	2.2	5.3	5.7	6.3	7.6	3.4
Capiz	12.0	8.7	8.4	12.6	12.7	10.8	6.6	4.9	2.7	2.3
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	441.0	283.9	5.0	2.3	0.8	62.3	2.5	4.7	24.0	7.2
Negros Occidental	54.4	77.7	78.4	54.2	68.3	71.3	89.1	77.5	21.2	5.7
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	103.5	92.5	103.5	100.9	101.0	101.1	99.8	97.5	90.5	85.9
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	2.0	..	..	..	..	..	..	..	..	0.0
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	101.5	92.5	103.5	100.9	101.0	101.1	99.8	97.5	90.5	85.9
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	26.6	26.1
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	26.6	26.1
Northern Mindanao	66.8	61.7	17.2	12.8	20.5	15.0	13.4	13.8	17.2	20.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	66.8	61.5	17.2	12.8	20.5	15.0	13.4	13.8	16.6	20.5
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	0.2	..	..	..	..	..	..	0.6	..
Davao Region	..	..	..	..	..	..	..	..	0.1	0.8
Davao del Norte	..	..	..	..	..	..	..	..	0.1	0.8
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	16.1	10.8	10.2	5.3	3.4	17.3	14.6	6.7	26.1
Agusan del Norte	..	15.2	10.8	10.2	5.3	3.4	17.3	10.9	6.7	26.1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	0.9	..	..	..	..	..	3.7	..	..
ARMM	1,656.1	2,060.4	2,126.3	2,053.5	2,055.8	2,231.4	2,175.9	2,921.3	3,277.4	3,533.5
Basilan	..	..	..	..	..	..	..	..	..	0.1
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	1,656.1	2,060.4	2,126.3	2,053.5	2,055.8	2,231.4	2,175.9	2,921.3	3,277.4	3,533.4
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mudfish (Dalag)										
Philippines	**10,000.2**	**10,469.6**	**9,906.4**	**10,678.2**	**10,703.2**	**10,864.7**	**11,198.7**	**11,753.5**	**8,829.0**	**9,512.3**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	32.3	32.1	35.1	35.5	37.5	47.7	47.1	47.0	44.5	48.5
Abra	4.2	3.6	3.7	3.8	4.3	7.7	5.7	4.0	0.8	3.3
Apayao	7.3	6.7	7.5	7.3	8.3	15.0	15.7	16.1	16.7	14.1
Benguet	0.8	0.2	0.9	0.9	0.8	0.9	1.1	1.1	0.6	1.6
Ifugao	..	..	..	..	..	..	..	..	1.1	1.0
Kalinga	20.0	21.7	23.1	23.5	24.2	24.0	24.6	25.8	25.3	28.6
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	161.7	122.0	79.0	94.3	130.6	89.0	95.8	86.7	107.4	57.2
Ilocos Norte	13.7	5.1	10.1	8.7	22.4	12.7	7.2	3.4	1.6	1.7
Ilocos Sur	2.3	3.6	3.9	3.8	4.0	4.7	6.5	6.6	8.1	7.8
La Union	24.7	29.7	30.0	26.8	35.5	28.8	49.9	56.0	78.1	35.5
Pangasinan	121.1	83.6	35.0	55.0	68.7	42.9	32.2	20.8	19.6	12.3
Cagayan Valley	576.5	766.7	753.7	810.2	913.7	981.2	744.5	627.1	474.7	440.6
Cagayan	441.6	617.2	593.8	629.1	695.8	763.8	547.0	495.7	357.3	341.8
Isabela	49.9	54.4	71.8	84.0	106.2	102.4	80.9	57.2	52.8	54.5
Nueva Vizcaya	81.5	92.1	86.1	93.3	109.4	113.0	114.3	72.8	63.0	42.6
Quirino	3.5	3.0	1.9	3.7	2.4	2.0	2.4	1.3	1.6	1.7
Central Luzon	1,591.6	1,537.4	1,370.2	1,329.3	1,452.7	1,639.9	1,604.0	1,675.5	1,651.0	1,528.1
Aurora	18.0	24.3	22.6	25.6	26.0	27.2	28.9	28.9	27.7	16.9
Bataan	9.2	10.5	11.3	12.7	13.5	14.8	15.0	13.2	2.2	6.5
Bulacan	183.5	115.0	40.4	30.4	35.2	71.3	33.5	52.7	26.3	25.7
Nueva Ecija	182.2	181.5	197.4	166.2	123.5	157.1	95.4	80.2	169.4	170.0
Pampanga	1,088.3	1,040.4	945.0	940.3	1,084.2	1,207.2	1,299.7	1,374.2	1,261.1	1,133.1
Tarlac	84.5	158.4	144.3	139.9	149.1	141.7	115.8	115.0	147.4	159.6
Zambales	25.8	7.3	9.1	14.3	21.3	20.5	15.7	11.4	16.9	16.3
CALABARZON	253.2	205.7	284.1	276.1	240.4	237.7	225.4	218.0	276.1	414.4
Batangas	17.5	7.1	72.1	67.7	28.5	18.3	13.5	10.7	68.7	68.2
Cavite	0.4	0.1	0.0	..	0.0	0.3	..	5.3	0.2	1.2
Laguna	141.1	159.6	183.9	179.2	181.4	188.5	185.8	177.8	180.1	205.6
Quezon	0.1	0.3	0.1	0.2	0.4	0.3	0.2	0.4	0.2	0.0
Rizal	94.1	38.6	28.0	29.0	30.1	30.2	26.0	23.7	26.9	139.5
MIMAROPA	61.6	116.3	86.7	89.7	91.5	73.7	72.1	69.8	85.3	106.1
Marinduque	6.2	5.5	5.4	5.1	4.5	4.1	4.7	4.7	1.6	1.4
Occidental Mindoro	14.8	15.2	10.8	11.6	12.7	14.1	14.7	14.9	14.8	11.6
Oriental Mindoro	31.1	31.3	28.9	30.4	30.6	33.4	31.5	34.5	31.1	37.5
Palawan	7.1	62.1	39.9	40.1	41.6	20.1	18.7	13.1	36.7	54.8
Romblon	2.5	2.2	1.8	2.5	2.2	2.0	2.4	2.6	1.1	0.8
Bicol Region	191.7	215.5	201.0	208.9	244.5	252.5	256.5	221.0	235.1	384.9
Albay	108.6	118.7	106.0	107.5	123.8	135.4	137.5	116.6	88.3	75.7
Camarines Norte	25.9	27.9	28.8	31.9	43.4	34.3	38.3	35.6	16.6	8.9
Camarines Sur	30.0	36.0	31.2	29.2	29.7	26.0	19.8	11.8	71.4	243.0
Catanduanes	..	..	..	..	..	..	..	..	0.1	0.1
Masbate	16.0	17.7	20.2	25.6	34.3	37.1	39.9	50.9	52.8	47.4
Sorsogon	11.2	15.2	14.8	14.7	13.4	19.6	21.0	6.1	5.9	9.9
Western Visayas	146.5	137.9	76.9	117.5	106.2	65.3	64.8	52.6	44.9	86.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0.8	0.9	0.7	0.6	0.7	0.7	0.7	1.0	1.8	1.6
Capiz	8.6	17.6	17.2	22.2	24.9	25.9	23.9	19.0	10.1	13.4
Guimaras	4.8	5.2	3.5	3.4	4.0	2.8	2.8	2.6	2.8	4.0
Iloilo	129.6	111.9	54.3	82.9	71.9	29.7	34.3	26.8	27.7	66.9
Negros Occidental	2.7	2.3	1.2	8.4	4.8	6.2	3.2	3.2	2.5	0.3
Central Visayas	6.9	7.7	4.5	4.9	6.4	5.8	5.5	4.2	3.6	6.3
Bohol	2.8	5.2	2.5	2.7	3.2	2.5	2.2	2.2	1.1	3.4
Cebu	2.2	2.0	1.6	1.6	2.1	1.8	2.9	1.8	1.9	2.4
Negros Oriental	2.0	0.5	0.4	0.6	1.1	1.6	0.5	0.2	0.6	0.6
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	413.6	243.0	97.7	81.6	54.5	50.3	36.8	35.6	36.1	33.6
Biliran	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3
Eastern Samar	52.4	37.3	40.0	28.0	13.3	11.7	0.4	0.2	..	0.1
Leyte	89.8	23.1	13.2	13.1	0.1	0.2	0.1	0.1	1.1	0.7
Northern Samar	266.4	181.5	44.5	40.5	40.7	38.3	36.2	35.3	34.6	30.6
Southern Leyte	4.6	0.9	..	..	0.3	..	..	..	0.1	0.1
Samar	..	..	..	..	..	..	..	..	..	1.7
Zamboanga Peninsula	86.8	153.9	155.5	119.1	116.1	107.1	106.8	105.8	115.8	121.7
Zamboanga del Norte	3.7	4.1	4.8	5.7	6.9	6.2	6.6	6.2	6.4	7.2
Zamboanga del Sur	82.0	143.8	145.4	108.2	105.7	96.0	95.3	91.5	100.5	111.4
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	1.1	6.1	5.3	5.2	3.6	4.9	4.8	8.1	8.9	3.1
Northern Mindanao	201.3	307.7	305.6	281.0	285.6	253.1	404.7	396.4	438.9	391.8
Bukidnon	6.8	62.7	43.8	28.7	17.1	36.8	79.7	62.9	126.8	104.6
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	192.8	241.5	259.6	248.1	263.7	209.4	316.0	322.0	300.0	275.6
Misamis Occidental	0.4	0.4	0.5	2.4	3.5	6.6	8.1	11.4	10.5	7.7
Misamis Oriental	1.3	3.2	1.6	1.8	1.3	0.4	0.8	0.1	1.6	3.9
Davao Region	19.8	20.3	14.4	19.3	18.1	18.3	15.6	25.0	14.4	12.4
Davao del Norte	0.0	..	..	..	..	..	..	..	0.1	0.4
Davao del Sur	0.1	0.2	0.5	1.2	0.5	1.1	0.6	0.6	1.7	1.3
Davao City	0.2	0.2	..	..	..	..	..	..	0.3	0.4
Davao Oriental	2.7	2.8	1.0	1.7	1.3	0.1	..	0.0	..	..
Compostela Valley	16.8	17.0	12.9	16.4	16.2	17.1	15.0	24.4	12.4	10.2
SOCCSKSARGEN	2,799.4	3,269.8	2,999.8	3,422.5	3,516.6	3,399.4	3,533.7	3,390.9	3,102.8	3,187.6
North Cotabato	2,476.6	2,959.4	2,675.5	3,101.2	3,216.8	3,080.3	3,239.4	3,091.1	2,822.1	2,919.3
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	2.6	4.6	4.2	3.9	3.2	3.3	4.2	3.2	2.4	4.6
Sultan Kudarat	320.2	305.9	320.2	317.3	296.6	315.9	290.1	296.6	278.3	263.7
Caraga	780.3	588.8	571.8	601.1	573.7	553.2	471.5	351.2	396.6	394.9
Agusan del Norte	93.4	59.6	39.5	74.8	76.7	61.3	59.7	51.0	43.4	41.0
Agusan del Sur	626.2	476.5	459.7	455.5	457.7	471.8	391.2	279.1	298.5	297.9
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	43.1	29.7	50.4	48.6	27.2	9.8	6.9	5.6	14.2	17.3
Surigao del Sur	17.5	23.0	22.2	22.2	12.2	10.3	13.6	15.5	40.5	38.7
ARMM	2,677.2	2,744.7	2,870.4	3,187.1	2,915.1	3,090.5	3,514.0	4,447.0	1,801.9	2,298.1
Basilan	..	..	..	..	..	0.2	0.1	0.1	12.8	2.0
Lanao del Sur	883.4	897.7	956.5	947.1	933.8	1,060.5	1,317.3	1,574.2	369.7	412.6
Maguindanao	1,793.8	1,847.0	1,913.8	2,240.0	1,981.3	2,029.8	2,196.7	2,872.7	1,419.4	1,883.6
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mullet (Kapak)										
Philippines	**865.2**	**909.5**	**949.8**	**802.5**	**792.1**	**877.0**	**881.9**	**956.2**	**931.2**	**1,131.6**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	126.9	92.2	77.7	73.8	102.5	119.3	111.5	76.8	68.5	56.8
Ilocos Norte	5.0	2.6	7.2	15.9	16.2	24.0	26.1	9.5	13.8	11.1
Ilocos Sur	32.0	33.1	29.4	32.7	32.8	36.2	35.4	16.1	16.6	8.3
La Union	28.5	32.1	27.4	16.3	38.5	17.8	33.9	24.7	13.7	13.8
Pangasinan	61.5	24.5	13.7	8.9	15.1	41.3	16.1	26.4	24.5	23.6
Cagayan Valley	128.9	120.4	73.9	67.8	84.3	99.1	107.2	112.7	99.3	91.2
Cagayan	115.3	111.1	65.1	58.6	67.2	81.2	87.2	90.5	82.6	74.6
Isabela	13.6	8.9	8.4	9.0	13.9	17.4	19.4	19.9	15.1	14.2
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	0.5	0.4	0.2	3.2	0.5	0.5	2.3	1.6	2.4
Central Luzon	50.0	52.5	129.9	93.9	39.9	45.9	56.9	233.1	195.7	131.4
Aurora	18.3	15.5	14.8	15.2	14.9	16.3	16.8	16.6	15.7	9.2
Bataan	10.5	9.5	8.4	8.9	8.8	9.5	9.2	7.4	1.5	..
Bulacan	21.2	27.5	106.7	69.8	16.2	20.1	30.8	209.1	143.5	73.4
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	35.0	48.8
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	0.3	0.2	0.1	0.5	0.8	0.5	0.3	0.1	0.4	0.1
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	0.3	0.2	0.1	0.5	0.8	0.5	0.3	0.1	0.4	0.1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	10.5	9.7	9.2	10.7	11.1	11.7	12.5	12.9	9.4	8.2
Marinduque	6.1	5.5	5.9	6.3	6.7	6.6	6.7	6.7	3.5	5.0
Occidental Mindoro	3.7	3.0	2.8	3.6	3.5	4.1	4.3	4.6	4.5	3.0
Oriental Mindoro	..	..	..	..	..	..	..	..	0.8	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	0.6	1.3	0.5	0.7	1.0	1.1	1.5	1.6	0.6	0.2
Bicol Region	5.9	4.7	3.8	5.5	6.0	5.7	6.9	7.2	6.6	10.9
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	5.2	4.0	2.7	4.2	4.6	4.2	5.1	5.2	4.5	9.1
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	0.7	0.7	1.1	1.3	1.4	1.5	1.8	1.9	2.1	1.6
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	0.2
Western Visayas	378.7	510.3	448.5	347.3	328.9	394.1	376.2	343.2	389.8	670.7
Aklan	21.5	30.6	37.2	41.7	36.7	48.3	50.8	43.9	30.4	32.0
Antique	15.5	26.6	33.9	35.5	42.8	41.6	44.3	41.1	34.0	40.8
Capiz	4.8	14.9	11.9	19.0	19.6	16.1	10.8	6.9	4.3	4.0
Guimaras	..	1.4	1.3	1.5	2.0	2.0	1.6	1.2	2.8	4.9
Iloilo	95.1	90.2	70.3	70.6	81.0	15.0	25.5	30.8	74.0	241.0
Negros Occidental	241.7	346.5	293.9	179.0	146.8	271.1	243.2	219.4	244.3	348.0
Central Visayas	7.9	9.4	10.4	6.7	4.0	3.2	2.2	1.5	3.3	1.9
Bohol	0.6	0.9	0.9	0.6	0.3	0.3	0.2	0.1	0.0	0.2
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	7.4	8.5	9.5	6.2	3.7	2.9	1.9	1.4	3.2	1.7
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	42.7	25.0	35.6	32.2	23.1	16.3	10.8	4.6	1.3	1.5
Biliran	..	..	..	..	..	..	..	..	..	0.0
Eastern Samar	38.6	24.0	22.2	19.6	13.0	8.5	3.0	1.8	0.9	0.4
Leyte	1.4	0.6	..	..	..	..	..	..	0.3	0.0
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	2.8	..	..	..	..	..	..	..	..	0.0
Samar	..	0.4	13.4	12.6	10.1	7.8	7.8	2.8	0.1	1.0
Zamboanga Peninsula	3.2	3.5	6.7	16.6	15.7	17.0	16.5	18.1	29.5	28.9
Zamboanga del Norte	3.2	3.5	5.5	6.6	7.7	7.6	8.1	7.5	8.1	8.7
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	1.2	10.0	8.0	9.4	8.4	10.6	21.5	20.2
Northern Mindanao	76.4	44.2	103.9	104.6	104.7	85.5	78.5	72.6	54.0	54.0
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	72.7	36.5	96.8	96.5	97.1	75.5	70.5	62.6	42.2	40.9
Misamis Occidental	0.5	0.5	2.6	5.1	6.6	8.2	6.8	8.0	8.3	8.9
Misamis Oriental	3.2	7.2	4.6	3.1	1.0	1.8	1.2	2.0	3.5	4.1
Davao Region	0.3	0.8	1.0	0.4	0.1	0.1	1.1	2.0	0.9	1.3
Davao del Norte	..	..	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.1
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	0.1	..	0.9	0.4	..	..	1.0	2.0	0.9	1.2
Compostela Valley	0.2	0.8	..	..	..	..	0.0	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	33.6	36.6	49.2	42.6	71.1	78.6	101.4	71.5	72.6	74.9
Agusan del Norte	2.2	4.3	3.9	10.3	6.8	2.9	3.3	6.1	36.2	35.5
Agusan del Sur	3.8	0.5	1.3	0.7	0.6	..	0.4	3.5	..	0.2
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	1.0	..	..	..	..	..	..	..	..
Surigao del Sur	27.6	30.8	43.9	31.6	63.7	75.7	97.6	61.9	36.4	39.2
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mullet (Ludong)										
Philippines	**62.7**	**48.9**	**62.8**	**51.2**	**42.9**	**36.5**	**46.2**	**29.9**	**84.8**	**27.1**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	0.5	0.6
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	0.5	0.6
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	0.5	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	0.5	..	..	..	..	..	..	..
Cagayan Valley	1.2	0.8	0.6	0.7	0.7	1.7	1.2	0.5	0.9	..
Cagayan	0.4	0.1	0.0	0.0	0.0	..	..	..	0.6	..
Isabela	0.8	0.7	0.5	0.7	0.7	1.7	1.2	0.5	0.3	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	0.3	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	0.3	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	10.1	3.0	..	..	..	..	12.5	1.7	50.6	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	7.3	3.0	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	2.8	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	1.7	50.6	..
Negros Occidental	..	..	..	..	..	..	12.5	..	..	..
Central Visayas	0.3	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.3	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	50.4	40.8	55.1	45.7	38.9	32.5	29.8	26.1	21.9	17.4
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	35.0	23.1	25.9	23.9	17.6	10.5	8.7	6.2	4.1	1.9
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	13.3	14.6	27.8	21.9	21.3	22.0	21.0	19.9	17.6	14.9
Southern Leyte	2.1	2.2	1.5	..	..	..	..	..	0.2	0.7
Samar	..	0.8	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	2.2	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	2.2	..	..	..	..	..	..	..	..
Northern Mindanao	0.6	2.1	5.5	4.6	3.2	2.3	2.7	1.7	1.7	0.2
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	0.6	2.1	5.5	4.6	3.2	2.3	2.7	1.7	1.7	0.2
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	..	0.1	1.1	0.1	0.0	0.0	..	..	9.0	9.0
Agusan del Norte	..	0.1	1.1	0.1	0.0	0.0	..	..	9.0	9.0
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Sardines (Tawilis)										
Philippines	**1,650.2**	**1,413.7**	**1,077.2**	**941.1**	**756.9**	**479.7**	**648.7**	**1,274.0**	**901.2**	**1,355.6**
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	1,626.7	1,397.2	1,064.9	930.8	750.7	476.4	636.1	1,273.4	889.2	1,342.2
Batangas	1,626.7	1,397.2	1,064.9	930.8	750.7	476.4	636.1	1,273.4	889.2	1,342.2
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	8.1	3.4
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	8.1	3.4
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.0	..	..	..	..	..	11.4	0.4	0.8	..
Aklan	..	..	..	..	..	..	0.1	0.4	..	..
Antique	0.0	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	0.8	..
Negros Occidental	..	..	..	..	..	..	11.3	..	..	..
Central Visayas	11.1	5.9	7.7	6.5	6.2	3.2	1.2	0.2	3.1	5.2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	11.1	5.9	7.7	6.5	6.2	3.2	1.2	0.2	3.1	5.2
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	9.1	6.7	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	9.1	6.7	..	..	..	..	..	..	..	..
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	3.4	3.9	4.6	3.8	..	..	..	..	..	4.9
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	3.4	3.9	4.6	3.8	..	..	..	..	..	4.9
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Silver perch (Ayungin)										
Philippines	**2,911.1**	**2,286.8**	**2,193.3**	**2,256.6**	**2,196.9**	**2,317.1**	**2,165.1**	**1,921.2**	**1,887.6**	**1,438.0**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	51.4	49.6	47.3	65.4	71.6	72.3	71.5	68.9	43.6	45.0
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	3.1	3.3	4.4	4.0	3.5	3.5	3.7	3.7	3.0	6.3
Ifugao	38.2	35.5	31.6	49.8	56.5	57.5	57.8	55.2	32.3	32.9
Kalinga	10.2	10.8	11.3	11.6	11.6	11.3	10.1	10.0	8.3	5.8
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	27.5	28.9	28.4	31.2	30.3	18.3	21.5	17.2	15.5	7.6
Ilocos Norte	2.6	6.8	13.5	20.9	19.9	11.5	13.6	7.6	7.1	0.9
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	2.2	2.9	3.6	3.2	5.3	4.1	4.3	5.7	3.6	2.1
Pangasinan	22.8	19.2	11.4	7.1	5.1	2.8	3.6	3.9	4.8	4.7
Cagayan Valley	50.4	44.0	38.3	44.2	30.1	37.5	23.7	20.7	24.3	23.8
Cagayan	6.4	3.1	1.4	1.9	0.3	5.6	..	..	..	..
Isabela	37.5	34.4	30.5	35.6	22.8	25.6	17.1	15.5	17.4	16.2
Nueva Vizcaya	6.5	6.5	6.5	6.5	6.9	6.4	6.6	5.3	6.9	7.6
Quirino	..	..	..	0.2	..	..	..	..	..	..
Central Luzon	750.3	607.8	452.4	445.0	386.7	396.9	334.8	331.9	411.3	362.4
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	5.4	5.9	5.5	5.5	5.1	5.4	4.9	3.5	2.5	1.2
Bulacan	49.5	2.6	27.2	18.2	15.9	23.7	2.2	3.2	41.6	6.5
Nueva Ecija	70.5	63.7	41.7	5.0	4.5	..	0.8	1.0	1.7	18.2
Pampanga	620.3	493.3	369.1	407.7	360.2	359.1	323.3	321.3	358.2	334.0
Tarlac	3.6	41.2	8.1	8.0	1.0	8.2	3.0	1.2	2.3	2.6
Zambales	1.0	1.0	0.8	0.6	..	0.6	0.7	1.8	5.0	..
CALABARZON	1,792.3	1,308.4	1,360.5	1,393.9	1,391.8	1,427.6	1,324.5	1,180.4	1,185.0	773.0
Batangas	87.3	109.9	76.4	91.2	90.4	74.3	57.5	77.1	158.5	71.4
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1,203.1	972.5	1,060.2	1,070.4	1,075.1	1,128.4	1,134.2	984.5	444.1	365.5
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	501.9	226.1	223.9	232.2	226.4	224.9	132.8	118.8	582.5	336.1
MIMAROPA	42.0	39.2	38.4	36.7	37.2	36.8	36.0	35.0	37.8	50.2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	0.6	1.1
Oriental Mindoro	42.0	39.2	38.4	36.7	37.2	36.8	36.0	35.0	37.2	49.1
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	113.9	129.5	128.3	129.9	146.2	141.1	135.4	112.2	46.9	90.9
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	113.9	129.5	128.3	129.9	146.2	141.1	135.4	112.2	46.9	90.9
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.2	0.0	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0.2	0.0	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	..	..	..	..	..	..	..	..	..	0.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	0.0
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	15.0	10.7	13.6	21.9	25.8	36.9	41.1	40.9	44.9	45.1
Zamboanga del Norte	8.0	8.2	8.1	8.7	11.0	10.7	10.5	10.1	11.1	12.7
Zamboanga del Sur	7.0	2.5	5.5	13.2	14.8	26.1	30.5	30.7	33.8	32.4
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	3.8	4.9	20.0	26.6	18.0	9.4	18.5	10.0	1.5	2.0
Bukidnon	..	2.1	12.0	8.5	14.7	6.7	11.4	8.6	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	3.8	2.9	8.0	18.2	3.3	2.7	7.1	1.4	1.5	2.0
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	56.2	57.8	60.3	57.4	56.2	138.0	150.4	84.0	66.5	26.4
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	6.5	11.4	13.8	16.9	16.5	18.6	16.6	17.2	13.5	15.6
Sultan Kudarat	49.7	46.4	46.4	40.5	39.7	119.4	133.8	66.8	53.0	10.8
Caraga	8.4	6.0	6.0	4.5	3.1	2.4	7.9	20.1	10.4	11.7
Agusan del Norte	..	..	0.2	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	8.4	6.0	5.8	4.5	3.1	2.4	7.9	20.1	10.4	11.7
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Spade Fish (Kitang)										
Philippines	**239.3**	**245.9**	**207.1**	**197.6**	**228.3**	**192.3**	**201.2**	**215.6**	**115.8**	**152.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	25.9	44.9	40.8	28.8	56.4	32.2	49.8	62.1	4.5	3.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	25.9	44.9	40.8	28.8	56.4	32.2	49.8	62.1	4.5	3.2
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	127.4	107.8	54.0	50.3	46.3	23.5	20.8	21.9	11.4	11.7
Cagayan	127.4	107.8	54.0	50.3	46.3	23.5	20.8	21.9	11.4	11.7
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2.4	1.0	0.9	0.6	0.6	0.9	1.0	1.0	1.0	0.9
Aurora	2.4	1.0	0.9	0.6	0.6	0.9	1.0	1.0	1.0	0.9
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	0.0	..	..	..	..	0.0	..	5.1
Batangas	..	..	..	..	..	..	..	..	..	5.1
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	0.0	..	..	..	..	0.0	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	1.5	3.8	3.8	3.5	3.6	3.9	4.3	3.2	2.2
Marinduque	..	..	..	..	..	..	..	..	0.9	1.1
Occidental Mindoro	..	1.5	3.8	3.8	3.5	3.6	3.9	4.3	2.2	1.1
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	1.6	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	1.6	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	33.7	45.2	53.1	38.6	51.6	61.5	59.0	62.2	37.0	88.3
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	1.3	1.1	1.7	2.2	2.5	3.3	4.0	3.7	2.9	3.3
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	0.1	..	1.5	..	7.5	4.7	5.9	..	..
Negros Occidental	32.5	44.1	51.4	34.9	49.1	50.7	50.3	52.6	34.2	85.0
Central Visayas	0.7	0.6	0.6	0.4	0.5	0.6	0.4	0.2	0.1	0.6
Bohol	0.7	0.6	0.6	0.4	0.5	0.5	0.4	0.2	0.1	0.6
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	0.0	0.0	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	39.8	26.4	29.9	37.5	30.5	27.6	27.7	21.7	17.7	13.3
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	2.4	2.6	..	..	..	..	..	..	0.1	..
Leyte	..	..	..	..	..	..	..	..	0.0	..
Northern Samar	31.2	20.7	24.9	25.9	24.7	23.4	22.1	19.7	16.7	13.3
Southern Leyte	..	..	..	..	..	..	..	..	..	0.0
Samar	6.3	3.2	5.0	11.6	5.7	4.1	5.5	2.0	0.9	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.6	0.6	1.7	2.4	3.0	3.7	5.8	6.7	2.5	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	0.6	0.6	1.7	2.4	3.0	3.7	5.8	6.7	2.5	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	0.3
Davao del Norte	..	..	..	..	..	..	..	..	..	0.3
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	8.0	16.9	21.4	34.3	35.2	38.3	32.1	34.8	36.8	26.8
Agusan del Norte	0.3	0.9	4.9	4.9	2.6	1.5	3.5	6.4	8.5	7.5
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	7.7	16.0	16.5	29.4	32.7	36.8	28.7	28.4	28.3	19.3
ARMM	0.8	0.9	0.8	0.9	0.8	0.7	0.7	0.7	..	..
Basilan	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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Starry Boby (Dulong)										
Philippines	**125.7**	**129.1**	**118.1**	**129.7**	**165.3**	**207.8**	**252.2**	**259.1**	**348.5**	**331.3**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	25.8	22.7	23.0	28.6	23.6	22.8	12.0	12.7	10.8	10.1
Cagayan	8.9	9.4	11.1	10.3	9.0	9.9	3.1	3.2	2.5	2.1
Isabela	16.9	13.4	11.9	18.3	14.6	12.9	8.9	9.5	8.3	8.0
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	50.7	54.4	57.2	52.3	52.1	54.2	51.3	48.2	96.9	87.8
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	45.6	47.9	50.5	45.2	45.5	47.5	47.8	43.8	38.9	32.8
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	5.1	6.5	6.8	7.0	6.6	6.7	3.4	4.4	57.9	55.0
MIMAROPA	0.7	1.3	1.3	0.4	..	..	..	..	..	..
Marinduque	0.7	1.3	1.3	0.4	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	0.4	0.5	0.6	0.9	1.0	0.4	0.5	0.5	1.0	0.8
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	0.4	0.5	0.6	0.9	1.0	0.4	0.5	0.5	1.0	0.8
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	12.0	17.4	12.7	20.1	19.9	23.0	10.7	9.4	75.1	93.2
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	5.8	2.7	1.4	2.0	2.3	2.2	2.5	2.7	1.8	1.6
Capiz	6.2	14.7	11.2	18.1	17.5	13.8	8.2	6.7	3.9	3.4
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	7.0	..	..	69.4	88.2
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	0.0	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	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	1.1	10.1	5.7	5.9	4.5	2.7	4.3	3.1	1.6	0.3
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	1.1	10.1	5.7	5.9	4.5	2.7	4.3	3.1	1.6	0.3
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	35.0	8.8	7.3	17.8	56.7	104.7	173.5	185.2	163.2	139.2
Agusan del Norte	34.6	8.2	7.3	17.8	56.7	104.7	173.5	185.2	163.2	139.2
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tarpon (Buan Buan)										
Philippines	**173.8**	**251.7**	**205.3**	**223.9**	**197.4**	**159.7**	**136.2**	**104.7**	**106.4**	**89.8**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1.9	1.5	3.4	2.4	0.6	0.6	0.5	0.9	0.5	0.3
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1.9	1.5	3.4	2.4	0.6	0.6	0.5	0.9	0.5	0.3
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	11.3	19.9	17.8	22.1	24.6	13.9	12.4	10.0	5.9	5.0
Cagayan	11.2	19.7	17.8	22.1	24.6	13.9	12.4	10.0	5.9	5.0
Isabela	0.2	0.2	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0.9	0.9	..	0.1	3.5	2.0	2.0	1.8	2.5	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	0.9	0.2	..	..	..	..	..	..	..	..
Bulacan	..	0.7	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	0.1	3.5	2.0	2.0	1.8	2.5	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1.3	2.2	4.2	4.3	4.4	5.1	5.3	6.1	5.7	5.9
Marinduque	..	..	..	..	..	..	..	..	0.0	..
Occidental Mindoro	1.0	2.0	3.8	4.1	4.2	4.8	5.2	5.8	5.6	5.9
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	0.3	0.2	0.4	0.2	0.1	0.3	0.1	0.3	0.1	0.0
Bicol Region	..	..	..	..	..	..	..	0.1	0.0	0.2
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	0.2
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	0.1	0.0	..
Western Visayas	38.5	42.6	22.5	31.6	18.3	25.1	20.9	12.8	21.7	12.3
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	3.5	14.8	7.9	6.4	6.9	8.0	10.0	9.5	7.0	6.4
Capiz	5.5	4.2	2.0	1.7	1.8	2.1	1.3	0.7	0.9	1.0
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	27.6	21.2	11.3	16.3	5.0	8.4	5.7	..	12.5	4.7
Negros Occidental	1.9	2.3	1.3	7.2	4.6	6.5	3.9	2.6	1.3	0.2
Central Visayas	0.1	0.4	0.3	0.4	0.4	0.3	0.1	..	0.7	0.1
Bohol	0.1	0.4	0.3	0.4	0.4	0.3	0.1	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	0.7	0.1
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	16.6	10.4	9.4	8.4	2.7	2.6	0.6	..	..	0.2
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	16.6	10.4	9.4	8.4	2.7	2.6	0.6	..	..	0.1
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	0.1
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	68.0	121.8	104.0	88.3	88.4	62.0	55.4	48.1	50.0	44.7
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	68.0	121.8	104.0	88.3	88.4	62.0	55.4	48.1	50.0	44.7
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	18.4	24.6	19.9	18.7	13.3	17.1	11.2	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	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	..	..	0.2
Davao del Norte	..	..	..	..	0.0	0.0	0.0	..	..	0.2
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	15.5	15.1	38.6	34.5	28.3	25.6	21.7	16.4	8.6
North Cotabato	..	15.5	15.1	38.6	34.5	28.3	25.6	21.7	16.4	8.6
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	16.1	11.2	8.0	8.4	6.1	2.1	1.4	2.5	2.9	12.4
Agusan del Norte	8.3	4.3	3.0	3.9	4.3	2.1	1.4	1.0	1.6	2.0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	7.8	6.9	5.0	4.5	1.7	..	..	1.6	1.3	10.4
ARMM	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.2	..
Basilan	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.2	..
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**42,704.0**	**43,462.9**	**44,896.1**	**45,784.3**	**47,439.3**	**48,937.8**	**54,180.2**	**50,473.7**	**41,676.9**	**43,240.0**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	447.9	454.6	438.2	460.0	461.1	476.0	513.8	519.1	577.8	510.1
Abra	135.0	142.3	149.5	149.8	138.4	136.4	157.4	152.3	170.3	120.0
Apayao	45.5	51.0	43.7	47.6	52.8	60.9	66.5	69.3	70.0	56.7
Benguet	43.2	45.8	47.2	50.6	51.9	52.9	54.6	58.8	61.2	64.0
Ifugao	150.0	135.3	115.8	128.5	126.6	129.3	131.2	128.3	161.4	165.2
Kalinga	73.5	78.9	80.6	81.8	89.6	94.5	101.7	108.5	113.2	103.0
Mountain Province	0.8	1.3	1.6	1.7	1.9	2.1	2.4	1.9	1.7	1.2
Ilocos Region	730.1	521.5	381.1	374.3	391.7	334.1	392.2	309.6	392.7	361.1
Ilocos Norte	178.7	213.1	172.7	106.1	127.2	107.0	112.9	59.6	66.6	76.9
Ilocos Sur	78.0	58.2	62.9	66.8	65.7	62.8	65.6	49.2	50.6	53.5
La Union	60.3	70.9	71.7	64.0	79.2	68.2	80.9	89.3	111.3	70.7
Pangasinan	413.1	179.4	73.8	137.4	119.7	96.1	132.8	111.5	164.2	160.1
Cagayan Valley	3,721.8	4,282.9	4,649.1	4,858.1	5,096.0	5,066.2	4,376.1	3,536.6	3,185.5	3,327.0
Cagayan	2,345.3	2,778.5	2,985.6	3,200.6	3,380.4	3,377.0	2,769.8	1,943.8	1,579.3	1,706.0
Isabela	1,105.0	1,182.9	1,386.6	1,359.1	1,378.4	1,346.8	1,287.7	1,336.2	1,299.5	1,333.5
Nueva Vizcaya	159.3	166.2	151.9	159.7	181.7	182.4	180.8	154.5	205.0	194.1
Quirino	112.2	155.3	125.0	138.7	155.5	160.0	137.9	102.1	101.6	93.4
Central Luzon	3,048.5	2,924.3	2,750.2	2,822.0	2,817.3	2,742.6	3,029.7	2,922.7	2,832.0	3,057.6
Aurora	23.9	28.1	28.9	31.0	31.7	33.5	34.1	34.2	34.0	26.9
Bataan	12.8	14.9	15.5	16.4	18.3	20.3	21.2	25.0	16.9	18.8
Bulacan	608.3	346.5	437.2	499.3	305.1	412.9	474.1	420.2	442.7	494.6
Nueva Ecija	589.8	494.1	347.2	271.9	190.3	209.2	209.4	182.6	218.4	188.0
Pampanga	1,625.7	1,741.4	1,682.2	1,767.3	2,003.4	1,797.9	2,037.1	2,006.9	1,888.0	2,107.4
Tarlac	83.7	224.2	159.5	155.0	163.4	151.3	139.3	164.7	156.7	164.2
Zambales	104.3	75.2	79.7	81.1	105.2	117.5	114.5	89.1	75.4	57.7
CALABARZON	11,292.8	10,823.0	12,065.0	12,147.4	12,484.8	13,189.7	18,013.8	16,212.9	9,713.7	11,049.7
Batangas	676.4	405.7	520.7	577.9	684.7	564.3	967.7	668.3	526.3	413.3
Cavite	15.8	6.0	6.1	7.0	13.3	12.5	11.7	27.9	10.8	8.7
Laguna	6,713.3	7,818.4	8,309.8	8,153.5	8,282.7	8,597.0	9,364.4	7,758.3	7,623.2	7,748.6
Quezon	2.5	3.9	3.0	4.0	9.8	3.3	3.0	2.3	1.3	1.4
Rizal	3,884.8	2,589.1	3,225.4	3,405.0	3,494.3	4,012.6	7,667.1	7,756.0	1,552.1	2,877.7
MIMAROPA	390.2	444.5	411.7	416.3	421.9	398.7	394.3	384.2	886.1	1,098.1
Marinduque	9.9	7.9	7.3	7.5	6.7	5.7	5.1	5.8	3.6	3.5
Occidental Mindoro	46.5	47.6	27.7	31.2	33.4	35.4	35.5	36.0	35.6	33.2
Oriental Mindoro	328.0	334.9	333.5	336.1	339.9	336.3	332.1	327.8	325.3	400.6
Palawan	4.9	52.9	41.6	39.9	40.7	19.7	19.1	13.0	521.0	660.2
Romblon	0.9	1.2	1.5	1.5	1.3	1.6	2.7	1.6	0.7	0.5
Bicol Region	2,817.2	3,303.6	3,092.2	3,303.9	3,445.0	3,575.0	3,648.2	3,603.2	2,706.4	2,753.0
Albay	924.8	1,101.7	950.8	1,009.1	1,008.0	1,135.2	1,189.0	1,204.6	1,120.3	1,178.7
Camarines Norte	71.4	87.3	92.6	109.9	115.9	159.3	167.5	193.8	93.9	66.1
Camarines Sur	1,779.0	2,070.8	2,002.1	2,133.4	2,254.6	2,204.3	2,204.0	2,076.6	1,346.5	1,367.3
Catanduanes	1.6	1.3	1.9	2.5	3.4	4.1	4.6	5.2	5.7	3.1
Masbate	19.5	21.6	23.3	28.8	41.3	43.2	51.2	95.7	98.9	86.7
Sorsogon	20.8	21.0	21.6	20.3	21.8	28.9	32.0	27.3	41.2	51.2
Western Visayas	837.4	752.9	381.2	424.4	499.5	420.6	440.3	311.2	334.7	367.1
Aklan	39.2	61.3	73.8	87.7	85.6	82.4	87.9	39.1	36.1	42.6
Antique	53.8	54.9	46.0	49.8	45.1	49.6	48.0	51.0	37.0	24.9
Capiz	18.0	36.9	30.8	38.4	42.0	44.7	33.2	25.6	27.6	31.5
Guimaras	8.1	12.6	9.0	9.0	10.0	6.8	7.9	7.0	7.2	11.0
Iloilo	674.1	528.5	154.2	193.2	237.9	160.6	181.9	125.9	200.5	255.0
Negros Occidental	44.1	58.8	67.5	46.4	79.0	76.6	81.5	62.6	26.3	2.2
Central Visayas	94.6	91.1	58.6	67.0	80.8	58.7	82.8	69.7	34.4	39.5
Bohol	35.4	41.6	29.9	36.2	33.2	34.3	32.6	18.6	3.9	2.5
Cebu	51.9	43.9	25.9	28.1	42.4	18.2	41.0	41.4	21.3	20.7
Negros Oriental	7.3	5.7	2.8	2.7	5.2	6.3	9.1	9.7	9.2	16.3
Siquijor	.	.	.	.	.	.	.	.	0.0	.
Eastern Visayas	725.8	424.3	417.1	384.0	234.2	230.7	231.0	217.8	211.9	205.5
Biliran	0.1	0.1	0.1	0.0	0.0	..	..	..	..	0.6
Eastern Samar	280.4	201.9	177.9	150.8	5.8	5.4	3.3	0.5	..	..
Leyte	228.9	55.1	9.2	9.7	1.3	0.8	0.6	0.3	5.3	1.2
Northern Samar	213.9	165.0	225.8	208.8	210.7	208.3	211.6	211.7	204.3	192.3
Southern Leyte	..	..	..	..	..	..	..	..	..	0.2
Samar	2.6	2.2	4.2	14.7	16.5	16.2	15.6	5.3	2.3	11.3
Zamboanga Peninsula	236.0	276.0	292.3	208.8	177.7	212.2	182.4	191.6	207.1	230.7
Zamboanga del Norte	10.0	10.2	16.8	17.4	18.9	18.3	16.5	13.2	13.6	14.5
Zamboanga del Sur	224.0	261.1	269.7	191.4	158.9	192.9	165.5	178.4	177.8	199.2
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	2.0	4.8	5.7	..	..	1.0	0.4	..	15.8	17.1
Northern Mindanao	1,216.8	1,610.0	2,375.0	1,791.9	1,858.1	2,047.3	1,781.2	1,689.2	1,917.0	1,658.4
Bukidnon	953.9	1,276.0	1,967.1	1,422.5	1,474.0	1,698.5	1,405.7	1,287.0	1,502.4	1,247.4
Camiguin	0.3	0.3	0.2	0.0	..	..	..	0.1	0.0	0.1
Lanao del Norte	236.9	291.6	322.1	311.0	322.5	293.8	307.1	295.7	296.2	291.5
Misamis Occidental	0.8	1.8	6.0	10.7	19.4	29.4	27.7	30.5	25.7	21.6
Misamis Oriental	25.1	40.3	79.6	47.7	42.3	25.6	40.7	75.9	92.7	97.9
Davao Region	70.0	70.5	79.8	88.2	135.9	174.4	195.3	131.6	98.9	92.7
Davao del Norte	0.1	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.3	1.0
Davao del Sur	10.3	10.1	9.4	9.0	9.7	14.6	22.7	21.5	13.2	5.7
Davao City	12.5	12.4	12.7	10.2	10.2	10.4	10.8	12.0	8.1	11.5
Davao Oriental	9.5	8.5	10.2	7.4	9.2	5.9	6.2	7.3	4.8	10.4
Compostela Valley	37.6	39.2	47.4	61.5	106.7	143.4	155.5	90.7	72.5	64.1
SOCCSKSARGEN	10,085.2	10,744.6	10,748.1	11,828.2	12,221.1	11,653.6	12,153.8	9,800.2	9,412.3	9,165.5
North Cotabato	3,899.0	4,455.4	4,280.2	4,913.6	5,111.9	4,914.9	5,271.9	5,192.0	5,648.0	5,402.9
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	185.0	188.8	178.1	172.3	185.5	214.9	224.6	242.4	282.9	250.3
Sultan Kudarat	6,001.2	6,100.4	6,289.9	6,742.3	6,923.7	6,523.9	6,657.3	4,365.8	3,481.4	3,512.3
Caraga	1,047.0	1,038.5	1,042.0	1,132.3	1,149.3	1,017.5	1,013.7	875.4	769.5	890.4
Agusan del Norte	463.3	470.1	437.0	430.9	386.4	216.2	237.8	240.4	240.6	209.7
Agusan del Sur	343.5	330.6	314.9	301.7	315.3	377.9	367.0	270.0	285.9	344.4
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	194.9	174.0	216.8	307.9	339.7	286.7	309.4	286.3	126.3	155.7
Surigao del Sur	45.3	63.8	73.3	91.8	107.9	136.7	99.5	78.7	116.7	180.7
ARMM	5,942.8	5,700.6	5,714.5	5,477.7	5,964.9	7,340.5	7,731.7	9,699.0	8,397.1	8,433.7
Basilan	1.7	1.8	1.8	1.8	1.8	1.7	1.8	1.8	19.3	1.3
Lanao del Sur	3,560.0	3,591.3	3,655.3	3,623.9	3,623.5	3,695.4	3,743.0	4,358.3	468.4	537.8
Maguindanao	2,381.1	2,107.5	2,057.5	1,852.0	2,339.7	3,643.4	3,986.9	5,338.8	7,909.4	7,894.6
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Big Head Carp										
Philippines	**6,495.4**	**8,838.7**	**9,994.1**	**10,926.1**	**12,118.7**	**13,086.1**	**16,629.3**	**16,261.5**	**1,591.8**	**2,813.6**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	1.5	2.3	1.6	0.1	..	..	..	..	0.9	4.2
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	0.9	4.2
Benguet	1.5	2.3	0.6	0.1	..	..	..	..	..	..
Ifugao	..	..	1.0	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	0.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	0.1
Cagayan Valley	..	72.3	98.8	95.4	39.1	38.6	6.1	5.8	6.2	5.9
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	72.3	98.8	95.4	39.1	38.6	6.1	5.3	6.2	5.9
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	0.5	..	..
Central Luzon	..	..	..	19.1	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	17.9	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	1.3	..	..	..	..	..	..
CALABARZON	6,493.9	8,764.1	9,886.9	10,792.4	12,052.4	13,028.0	16,607.4	16,242.2	1,571.6	2,787.5
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	989.7	948.2
Quezon	..	..	..	0.1	..	..	..	..	..	..
Rizal	6,058.9	6,970.6	8,328.1	9,412.1	10,676.2	11,589.7	14,488.5	15,114.2	582.0	1,839.3
MIMAROPA	..	..	..	..	..	..	..	..	1.5	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	1.5	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	9.6	14.2
Albay	..	..	..	..	..	..	..	..	9.6	13.7
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	0.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	0.6	0.1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	0.6	0.1
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	..	..	6.8	17.8	25.1	18.1	13.4	10.7	0.3	0.8
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	0.2	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	6.8	17.8	25.1	18.1	13.4	10.7	0.1	0.8
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	1.0	1.0
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	1.3	2.1	1.4	2.4	2.9	1.0	1.0
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Other Fishes										
Philippines	**3,780.1**	**3,929.2**	**4,251.6**	**4,330.6**	**5,184.2**	**5,871.0**	**6,014.7**	**8,720.6**	**6,089.6**	**6,005.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	1.2	0.4	0.2	..	..	..	..	8.3	84.3	92.1
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	1.9	7.8
Benguet	1.0	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	69.2	70.1
Kalinga	..	..	..	..	..	..	..	7.8	11.7	13.1
Mountain Province	0.2	0.4	0.2	..	..	..	..	0.5	1.6	1.2
Ilocos Region	404.2	296.2	190.6	171.8	182.4	192.8	228.3	215.5	221.3	222.2
Ilocos Norte	6.9	12.7	21.7	33.7	26.3	18.5	18.7	14.4	15.6	12.3
Ilocos Sur	126.2	130.8	103.4	113.1	111.1	96.9	89.3	90.3	87.6	95.2
La Union	19.1	19.8	15.2	7.6	20.0	7.7	18.2	8.2	5.9	6.3
Pangasinan	252.1	132.9	50.3	17.4	25.0	69.7	102.1	102.6	112.2	108.5
Cagayan Valley	526.6	510.1	621.4	892.5	809.3	406.7	287.1	331.8	321.7	334.3
Cagayan	515.8	494.8	594.0	848.8	746.9	318.7	236.5	290.0	268.8	289.4
Isabela	5.4	10.9	23.2	39.5	58.1	82.5	45.4	38.3	37.8	36.8
Nueva Vizcaya	4.1	4.3	4.2	4.2	4.2	4.1	4.2	3.4	15.1	8.1
Quirino	1.4	..	..	..	..	1.5	0.9	0.2	..	0.1
Central Luzon	551.2	659.1	583.7	617.4	668.7	690.9	544.1	896.0	702.2	807.7
Aurora	13.4	9.9	10.3	11.5	10.7	11.3	11.8	12.0	11.6	6.3
Bataan	..	..	..	..	..	..	..	..	1.8	10.6
Bulacan	1.0	2.7	0.3	9.3	0.1	..	2.2	235.3	1.9	..
Nueva Ecija	56.6	48.8	19.2	7.4	16.6	7.1	8.2	..	21.8	..
Pampanga	464.3	594.1	554.0	589.1	640.6	669.6	521.8	648.8	660.0	774.1
Tarlac	15.9	3.1	..	0.1	..	..	..	..	..	14.7
Zambales	..	0.5	..	..	0.7	2.9	..	..	5.0	2.0
CALABARZON	452.1	477.2	737.8	647.5	1,525.6	2,438.8	3,070.6	5,338.7	2,575.9	2,796.8
Batangas	84.2	315.9	550.0	498.7	512.4	1,307.4	1,516.6	1,556.9	1,272.8	943.0
Cavite	3.6	1.3	2.0	1.7	2.7	4.6	0.1	2.9	0.5	..
Laguna	364.2	159.9	185.8	146.0	132.3	185.7	189.9	725.7	774.6	1,668.1
Quezon	0.0	0.1	0.1	1.2	0.6	0.8	0.2	0.4	0.6	0.3
Rizal	..	..	..	..	877.6	940.3	1,363.8	3,052.8	527.4	185.4
MIMAROPA	31.9	34.1	36.3	41.2	35.6	50.0	47.9	51.5	40.2	57.2
Marinduque	..	..	..	..	..	..	..	..	11.2	12.5
Occidental Mindoro	2.2	3.3	8.7	11.2	11.9	12.5	13.2	14.3	..	..
Oriental Mindoro	26.2	28.4	25.6	27.0	21.6	34.1	32.3	35.5	28.6	44.5
Palawan	0.0	..	..	..	..	..	..	..	..	..
Romblon	3.5	2.3	2.0	3.0	2.2	3.4	2.4	1.7	0.4	0.2
Bicol Region	0.5	..	4.2	..	..	..	..	..	9.8	8.8
Albay	..	..	4.2	..	..	..	..	..	..	..
Camarines Norte	0.5	..	..	..	..	..	..	..	9.8	8.8
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	600.8	651.4	781.4	510.9	642.9	626.8	710.5	820.1	855.0	539.4
Aklan	34.7	45.3	48.1	52.6	96.2	122.0	116.1	111.6	77.8	85.7
Antique	25.8	37.8	42.4	47.3	58.2	65.3	63.3	69.0	43.6	51.6
Capiz	10.4	8.1	3.9	6.7	5.1	5.5	7.8	5.0	2.1	7.2
Guimaras	4.7	5.8	4.3	5.1	5.4	3.8	4.4	3.5	5.6	14.0
Iloilo	110.6	114.1	224.0	131.1	163.5	104.9	144.4	139.8	335.1	48.8
Negros Occidental	414.6	440.4	458.6	268.1	314.6	325.4	374.5	491.2	390.7	332.0
Central Visayas	9.1	11.1	14.7	15.3	14.2	10.1	8.9	3.5	5.6	4.3
Bohol	0.1	0.4	0.7	0.5	0.7	1.1	0.8	0.7	1.3	1.9
Cebu	..	..	..	..	..	..	..	..	0.2	0.3
Negros Oriental	8.9	10.7	14.0	14.8	13.5	8.9	8.1	2.8	4.1	2.2
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	172.1	44.2	49.2	34.0	23.5	25.0	18.5	32.6	26.5	27.6
Biliran	..	0.0	..	..	..	..	..	..	..	0.1
Eastern Samar	152.1	32.2	36.6	26.3	18.2	19.2	13.4	27.7	21.7	14.4
Leyte	2.0	..	..	..	..	..	..	..	0.1	1.4
Northern Samar	6.9	5.5	9.9	5.7	5.3	5.8	5.1	4.7	4.7	4.2
Southern Leyte	11.0	5.0	..	..	..	..	..	..	..	..
Samar	..	1.5	2.8	2.1	..	..	..	0.1	..	7.6
Zamboanga Peninsula	1.1	4.2	..	..	..	..	..	..	..	6.3
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	1.1	4.2	..	..	..	..	..	..	..	6.3
Northern Mindanao	246.5	295.0	275.6	320.4	278.7	253.3	132.3	98.5	208.2	238.0
Bukidnon	19.0	43.8	6.2	19.3	7.3	3.6	22.9	4.7	22.8	23.0
Camiguin	..	..	..	..	..	..	..	..	0.0	0.1
Lanao del Norte	212.4	234.0	252.0	290.4	254.8	237.2	97.4	78.1	154.2	189.1
Misamis Occidental	4.1	4.2	4.1	6.7	9.8	10.0	9.0	7.1	5.1	4.5
Misamis Oriental	11.0	12.9	13.3	4.0	6.8	2.6	3.0	8.6	26.1	21.3
Davao Region	20.2	8.5	16.3	15.1	32.1	32.5	17.3	18.5	7.9	24.7
Davao del Norte	..	..	..	..	..	..	..	..	0.1	0.0
Davao del Sur	..	0.0	..	..	..	..	..	..	0.6	2.9
Davao City	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.3	1.4
Davao Oriental	20.1	8.3	16.3	15.0	32.0	32.4	17.3	18.4	5.4	19.6
Compostela Valley	..	..	..	..	..	..	..	..	1.4	0.8
SOCCSKSARGEN	509.3	652.0	646.7	573.3	492.2	477.4	335.1	275.3	233.8	149.3
North Cotabato	24.6	26.9	23.4	25.2	12.3	14.5	13.3	12.1	8.9	8.4
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	2.9	3.1	4.8	5.6	4.5	6.1	4.8	5.6	40.6	33.8
Sultan Kudarat	481.7	622.0	618.5	542.5	475.5	456.8	317.0	257.7	184.3	107.1
Caraga	177.9	224.1	263.7	234.8	286.4	350.0	302.0	346.1	561.8	439.5
Agusan del Norte	65.8	104.4	116.8	144.8	169.8	162.5	134.8	189.0	178.0	241.1
Agusan del Sur	67.7	69.2	79.3	47.6	53.2	96.8	88.9	83.1	69.8	53.7
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	240.8	122.9
Surigao del Sur	44.5	50.6	67.6	42.4	63.4	90.7	78.3	74.1	73.2	21.9
ARMM	75.5	62.0	30.1	256.6	192.6	316.7	312.2	284.4	235.5	257.2
Basilan	1.1	1.2	1.2	1.2	1.0	1.0	1.0	1.1	2.9	1.1
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	74.3	60.8	28.9	255.4	191.6	315.7	311.2	283.3	232.6	256.0
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Blue Crab (Alimasag)										
Philippines	**286.1**	**259.5**	**278.9**	**224.4**	**287.3**	**209.9**	**317.3**	**310.2**	**289.2**	**503.0**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	25.2	15.7	11.2	16.1	10.9	10.7	17.0	13.1	24.6	25.4
Ilocos Norte	..	..	0.8	0.7	0.6	0.3	1.3	0.9	0.9	1.4
Ilocos Sur	4.9	4.3	4.9	5.4	5.4	5.8	5.8	5.3	5.9	5.9
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	20.3	11.4	5.4	10.1	4.9	4.6	10.0	6.9	17.9	18.1
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1.7	3.6	..	..	..	..	..	..	1.6	8.1
Aurora	1.2	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	1.6	8.1
Bulacan	..	3.6	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	0.5	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	13.5	26.9	79.8	..	..	..	..	..
Batangas	..	..	13.5	26.9	79.8	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	1.6	2.1
Marinduque	..	..	..	..	..	..	..	..	1.6	2.1
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	92.7	143.3	165.4	120.0	154.7	167.2	281.8	274.0	228.7	437.9
Aklan	8.1	16.8	19.1	21.6	27.8	21.9	17.0	32.8	29.5	30.1
Antique	1.0	0.5	1.6	1.8	1.5	1.6	1.6	1.4	1.3	1.2
Capiz	4.6	8.0	5.8	9.7	10.2	8.9	6.0	4.1	3.0	1.6
Guimaras	..	..	..	..	..	..	..	..	..	2.8
Iloilo	40.7	53.2	37.8	47.6	44.5	41.4	26.2	27.6	15.2	146.3
Negros Occidental	38.4	64.8	101.1	39.3	70.7	93.5	231.1	208.1	179.8	256.0
Central Visayas	0.1	0.9	2.1	3.3	1.8	1.2	1.2	0.1	0.1	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.1	0.9	2.1	3.3	1.8	1.2	1.2	0.1	0.1	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	133.5	65.6	56.6	29.9	2.0	2.0	1.1	0.3	0.9	0.3
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	117.5	57.8	55.4	29.9	2.0	2.0	1.1	0.3	0.5	0.2
Leyte	6.1	2.5	..	..	..	..	..	..	..	..
Northern Samar	6.7	2.6	..	..	..	..	..	..	..	..
Southern Leyte	3.2	2.7	1.3	..	..	..	..	..	0.4	0.1
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	30.6	30.2	29.7	27.7	37.3	25.7	13.1	12.8	18.1	17.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	29.6	29.4	29.7	27.7	37.3	25.7	13.1	12.8	18.1	17.8
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	1.0	0.8	..	..	..	..	..	..	..	..
Davao Region	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	0.3	0.4	0.4	0.6	0.8	0.8	0.3	..	..
SOCCSKSARGEN	2.2	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	2.2	..	..	..	..	..	..	..	..	..
Caraga	..	0.0	..	0.3	0.2	2.4	2.2	9.7	13.6	11.4
Agusan del Norte	..	0.0	..	0.3	0.2	0.1	2.2	9.7	13.6	11.4
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Endeavor prawn (Suahe)										
Philippines	**1,095.3**	**1,104.7**	**1,015.3**	**991.9**	**863.7**	**709.3**	**781.8**	**759.1**	**819.2**	**748.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	326.4	161.7	117.0	87.8	71.0	88.7	194.2	128.7	120.7	147.0
Ilocos Norte	0.7	0.1	1.7	..	..	1.4	1.7	1.5	1.5	1.6
Ilocos Sur	45.8	45.7	45.7	49.7	49.8	55.0	54.1	62.1	60.8	65.0
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	280.0	115.9	69.6	38.1	21.2	32.2	138.4	65.2	58.4	80.4
Cagayan Valley	157.9	209.6	163.5	174.8	172.9	148.3	114.3	124.5	74.2	61.4
Cagayan	157.9	209.6	163.5	174.8	172.9	148.3	114.3	124.5	74.2	61.4
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	8.0	1.9	1.9	2.8	2.3	3.7	4.4	3.5	0.1	0.4
Aurora	3.9	0.6	0.5	0.3	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	0.1	0.1
Bulacan	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	..	0.3
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	5.1	4.9	5.5	6.4	6.8	6.8	7.6	7.9	13.1	3.5
Marinduque	..	..	..	..	..	..	..	..	0.1	0.1
Occidental Mindoro	4.7	4.6	4.9	5.9	6.2	6.3	7.0	7.5	6.9	3.4
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.3	6.1	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	0.0	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	0.0	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	568.1	693.2	672.8	668.9	555.3	399.6	402.3	435.4	542.3	472.5
Aklan	54.2	82.7	75.6	75.5	101.4	98.8	97.2	96.5	84.1	72.3
Antique	18.2	14.7	13.5	15.1	12.7	12.0	13.0	16.1	15.1	19.9
Capiz	5.3	8.3	7.3	10.2	10.3	8.4	6.1	3.8	2.5	2.4
Guimaras	2.6	2.6	1.6	1.5	1.7	1.1	1.5	1.2	2.2	2.2
Iloilo	441.0	574.6	565.1	546.9	411.1	257.2	267.5	301.8	415.5	374.7
Negros Occidental	46.9	10.3	9.7	19.8	18.0	22.1	17.1	16.0	22.8	1.1
Central Visayas	1.0	1.9	2.5	3.0	4.6	4.6	3.7	2.2	1.6	0.2
Bohol	..	..	..	..	..	..	..	..	0.9	0.2
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	1.0	1.9	2.5	3.0	4.6	4.6	3.7	2.2	0.8	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	10.7	11.9	39.3	32.7	33.9	34.3	33.5	33.5	35.5	33.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	1.3	1.4	1.7	1.8	1.7	1.6	0.7	1.2	0.2
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	10.7	10.6	38.0	30.9	32.1	32.6	31.9	32.8	34.4	33.2
Southern Leyte	..	..	..	..	..	..	..	..	..	0.0
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	4.7	6.4	1.3	3.9	7.2	7.5	7.1	10.7	15.5	10.0
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	4.7	6.4	1.3	3.9	7.2	7.5	7.1	10.7	15.5	10.0
Northern Mindanao	0.2	0.2	0.2	0.7	1.1	11.3	11.8	8.1	11.8	16.0
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	6.9	8.5	3.2	5.8	9.3
Misamis Occidental	0.2	0.2	0.2	0.7	1.1	4.5	3.3	4.9	6.0	6.7
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	0.0	0.1	0.3	0.4	0.6	1.0	0.9	0.6	..	..
Davao del Norte	..	..	..	..	..	..	..	0.1	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	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	13.2	12.9	11.1	10.5	8.1	3.5	2.0	4.1	4.4	3.9
Agusan del Norte	11.7	12.9	11.1	10.5	8.1	3.5	2.0	4.0	4.4	3.9
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Freshwater Crab (Talangka)										
Philippines	**736.7**	**712.1**	**664.9**	**1,024.8**	**850.1**	**763.6**	**850.4**	**922.5**	**711.8**	**635.2**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	0.4	0.3	1.2	1.3	1.8	5.3	5.5	4.7	4.5	5.2
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	0.4	0.3	1.2	1.3	1.8	5.3	5.5	4.7	4.5	5.2
Benguet	..	..	..	..	..	..	..	..	0.0	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	160.9	99.2	130.9	168.1	126.6	119.1	190.8	99.9	132.2	99.4
Ilocos Norte	33.1	37.9	26.7	33.4	28.8	18.3	16.1	12.7	10.7	11.2
Ilocos Sur	50.1	39.8	52.3	58.4	55.6	58.7	59.0	50.4	51.2	33.3
La Union	75.7	18.5	28.6	25.1	22.6	18.9	23.2	12.5	43.5	27.0
Pangasinan	2.0	3.0	23.3	51.2	19.6	23.2	92.5	24.3	26.8	27.9
Cagayan Valley	143.0	166.9	126.0	134.5	178.2	162.5	160.5	119.4	80.5	30.3
Cagayan	111.8	128.4	86.3	92.5	126.5	115.5	111.8	89.9	58.9	14.6
Isabela	3.9	4.5	4.9	4.2	3.6	3.1	3.1	3.5	1.7	1.5
Nueva Vizcaya	24.7	29.9	30.3	33.4	38.0	38.6	40.3	25.7	20.0	14.2
Quirino	2.5	4.1	4.5	4.5	10.1	5.3	5.3	0.4	..	..
Central Luzon	66.8	45.0	32.4	6.6	10.9	13.1	52.6	56.8	106.4	55.9
Aurora	7.9	6.4	6.1	5.0	4.2	4.3	4.2	4.2	3.0	1.4
Bataan	..	..	..	..	..	..	..	..	0.0	2.9
Bulacan	..	0.2	..	..	..	..	..	..	..	..
Nueva Ecija	54.1	36.6	19.4	0.4	..	0.3	..	..	..	..
Pampanga	..	..	..	..	..	..	39.2	41.4	95.3	46.4
Tarlac	0.1	..	..	..	..	..	..	..	..	..
Zambales	4.8	1.7	7.0	1.1	6.7	8.4	9.1	11.2	8.1	5.2
CALABARZON	..	..	24.2	237.2	65.5	28.7	15.0	348.1	..	34.1
Batangas	..	..	24.2	237.2	65.5	28.7	15.0	348.1	..	34.1
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	3.7	3.8	4.4	3.9	5.4	8.2	8.5	7.7	7.2	4.1
Marinduque	..	..	..	..	..	..	..	..	0.3	0.4
Occidental Mindoro	2.2	2.3	2.4	2.1	2.1	2.3	2.6	2.8	3.5	2.4
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0.1	0.1	0.3	0.6	0.7	0.6	0.4	0.3	1.3	..
Romblon	1.4	1.4	1.6	1.2	2.6	5.2	5.5	4.6	2.1	1.3
Bicol Region	151.6	155.6	148.0	117.1	105.0	98.7	80.8	55.6	25.1	123.9
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	151.0	155.3	147.6	116.6	104.3	97.9	79.8	54.9	24.4	123.5
Catanduanes	0.6	0.3	0.4	0.5	0.7	0.8	0.9	0.7	0.7	0.5
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	137.8	191.4	145.5	282.5	210.3	205.0	190.8	140.5	251.4	196.0
Aklan	8.2	12.7	14.4	20.7	2.9	24.6	12.6	17.1	23.0	5.8
Antique	54.3	53.1	50.3	58.4	69.3	86.4	89.3	67.4	52.8	54.4
Capiz	..	..	..	..	..	..	1.9	..	0.6	0.4
Guimaras	3.9	3.1	1.4	1.6	1.7	1.2	1.5	1.3	1.0	2.4
Iloilo	67.4	114.8	56.9	163.9	110.1	67.5	60.2	35.1	107.6	130.6
Negros Occidental	4.1	7.7	22.6	37.8	26.3	25.3	25.2	19.6	66.4	2.4
Central Visayas	..	0.7	0.6	1.2	1.3	1.6	2.9	2.1	2.6	2.2
Bohol	..	0.7	0.6	1.2	1.3	1.6	2.9	2.1	0.6	0.8
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	2.0	1.3
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	27.8	11.3	21.7	20.0	17.7	17.1	15.2	13.0	12.0	10.4
Biliran	..	0.1	0.0	0.0	..	..	..	..	..	0.0
Eastern Samar	..	0.5	0.9	1.3	1.0	1.4	1.0	..	..	..
Leyte	14.0	0.5	0.1	0.1	..	..	..	..	..	..
Northern Samar	12.6	10.2	20.6	18.2	16.7	15.8	14.3	13.0	12.0	10.4
Southern Leyte	1.2	0.1	..	0.4	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	3.2	3.0	5.1	5.2	6.3	6.9	5.9	5.3	5.8	6.4
Zamboanga del Norte	3.2	3.0	5.1	5.2	6.3	6.9	5.9	5.3	5.8	6.4
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	11.0	13.3	8.6	22.3	60.5	33.4	70.7	50.7	57.1	46.2
Bukidnon	0.1	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	6.2	7.7	..	8.2	13.2	14.1	12.8	12.2	19.6	14.8
Misamis Occidental	1.5	1.5	2.7	3.9	9.3	8.3	7.9	8.5	6.7	3.8
Misamis Oriental	3.1	4.2	5.9	10.2	37.9	11.0	50.0	30.0	30.9	27.6
Davao Region	0.4	0.2	0.4	0.7	0.5	0.6	1.0	0.3	..	5.8
Davao del Norte	..	..	..	..	..	..	..	..	..	0.2
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	0.2	..	..	0.3	..	..	0.4	..	..	5.6
Compostela Valley	0.2	0.2	0.4	0.4	0.5	0.6	0.6	0.3	..	..
SOCCSKSARGEN	4.7	4.2	3.9	3.6	3.4	3.1	3.1	2.8	2.8	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	4.7	4.2	3.9	3.6	3.4	3.1	3.1	2.8	2.8	..
Caraga	25.6	17.3	12.2	20.8	56.8	60.2	47.3	15.8	24.2	15.3
Agusan del Norte	9.8	2.5	3.2	5.7	7.2	6.6	4.6	4.4	19.0	15.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	4.7	..
Surigao del Sur	15.7	14.7	9.0	15.0	49.6	53.6	42.7	11.5	0.5	..
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Freshwater Shrimp (Hipon)										
Philippines	**5,039.8**	**5,010.5**	**4,932.6**	**5,071.7**	**5,263.8**	**5,397.8**	**5,410.9**	**5,193.2**	**3,116.6**	**2,964.0**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	59.4	56.8	54.0	54.0	60.0	61.7	65.9	71.9	67.4	60.6
Abra	32.9	32.2	32.7	32.4	37.4	36.0	38.6	44.1	36.1	28.0
Apayao	3.7	2.1	2.5	2.6	2.7	4.9	5.0	5.1	5.4	2.8
Benguet	..	..	..	..	..	..	..	..	0.3	0.1
Ifugao	6.8	5.6	1.1	1.0	1.1	1.1	1.1	0.7	1.3	1.4
Kalinga	16.1	16.9	17.7	18.0	18.8	19.8	21.2	21.9	24.5	28.4
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	78.1	53.9	63.2	55.5	86.0	57.3	52.9	44.8	46.0	45.2
Ilocos Norte	13.9	30.5	36.9	33.6	63.5	30.7	24.5	19.3	15.5	17.8
Ilocos Sur	25.5	13.7	17.4	16.1	17.2	18.2	16.7	16.2	16.1	16.1
La Union	22.7	0.8	2.2	1.4	1.5	2.0	2.7	1.6	7.9	4.7
Pangasinan	16.0	8.9	6.8	4.4	3.7	6.4	8.9	7.7	6.5	6.7
Cagayan Valley	366.6	416.2	432.5	466.1	469.1	570.1	506.6	378.4	326.1	286.5
Cagayan	250.4	288.0	293.7	312.3	299.6	390.7	347.7	228.3	195.5	185.0
Isabela	50.7	49.8	61.4	70.9	84.2	89.6	69.5	69.2	52.7	44.7
Nueva Vizcaya	50.1	55.4	52.3	57.0	64.9	68.0	66.3	66.6	62.4	47.2
Quirino	15.3	22.9	25.1	25.9	20.4	21.8	23.1	14.3	15.5	9.6
Central Luzon	618.6	640.0	551.1	576.1	643.8	635.6	654.9	632.6	707.7	769.5
Aurora	11.5	9.8	9.3	10.4	10.8	11.7	12.8	12.9	12.6	9.7
Bataan	5.4	5.8	6.2	6.1	6.3	7.2	7.1	6.1	2.5	2.4
Bulacan	18.5	4.8	1.1	10.1	3.6	3.8	9.4	9.5	6.3	0.7
Nueva Ecija	111.7	110.4	74.7	39.3	29.4	27.0	47.4	21.9	6.3	13.3
Pampanga	454.7	469.7	448.9	481.1	560.9	566.2	541.8	562.9	659.0	732.8
Tarlac	13.2	37.4	6.8	16.0	12.8	3.7	24.5	10.5	14.7	4.7
Zambales	3.7	2.3	4.1	13.1	20.1	15.9	11.8	8.8	6.3	5.9
CALABARZON	739.5	595.1	611.6	597.7	602.6	628.0	617.2	580.9	769.5	724.6
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	1.0	0.3	0.6	0.6	0.5	..	..	..	..	..
Laguna	507.5	523.3	540.5	524.3	524.3	547.1	554.7	512.0	504.8	435.4
Quezon	0.0	..	..	..	0.0	0.0	0.0	0.1	..	..
Rizal	231.0	71.5	70.6	72.9	77.8	80.8	62.5	68.8	264.7	289.2
MIMAROPA	90.5	97.8	99.3	98.6	100.2	101.0	96.5	98.6	97.4	64.9
Marinduque	1.7	2.0	2.2	2.2	2.7	3.3	3.5	3.8	1.5	0.7
Occidental Mindoro	3.3	3.2	2.4	2.6	1.5	1.6	1.6	1.8	4.3	4.3
Oriental Mindoro	83.4	90.3	92.8	91.7	93.8	93.5	88.6	90.5	89.5	58.5
Palawan	0.2	0.3	0.3	0.5	0.5	0.5	0.5	0.1	0.8	..
Romblon	1.9	2.0	1.6	1.6	1.7	2.1	2.3	2.5	1.3	1.4
Bicol Region	195.1	171.6	152.5	138.4	129.1	109.2	83.1	63.4	101.2	51.0
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	9.1	12.3	14.2	17.1	23.2	27.2	27.9	28.9	12.5	1.1
Camarines Sur	183.9	157.6	136.2	118.9	103.3	79.0	51.8	30.4	83.7	44.6
Catanduanes	1.0	0.4	1.0	1.2	1.7	1.8	2.1	2.3	2.6	1.4
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	1.0	1.3	1.1	1.2	1.0	1.1	1.3	1.8	2.3	4.0
Western Visayas	79.3	135.8	88.6	168.5	264.2	267.4	257.2	319.0	306.2	247.2
Aklan	7.0	8.1	11.5	7.6	0.9	..	10.9	142.4	19.3	8.5
Antique	0.9	2.6	2.9	3.2	3.0	2.6	2.8	2.8	1.5	1.4
Capiz	..	..	..	..	4.3	18.9	13.7	10.4	6.6	2.7
Guimaras	3.4	2.7	1.4	1.5	1.6	1.6	1.5	1.1	2.0	2.0
Iloilo	..	1.6	..	..	..	..	..	..	32.2	22.1
Negros Occidental	68.0	120.8	72.9	156.3	254.5	244.4	228.2	162.3	244.8	210.7
Central Visayas	4.1	4.8	4.5	6.4	2.0	2.0	1.8	1.6	2.8	3.6
Bohol	..	..	..	..	..	..	..	0.3	0.1	1.0
Cebu	1.6	1.6	1.3	2.4	2.0	2.0	1.8	1.3	0.9	0.6
Negros Oriental	2.5	3.2	3.1	4.0	..	0.0	..	..	1.8	2.0
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	59.5	31.3	49.0	51.0	37.3	37.1	38.0	34.9	34.8	33.6
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	37.9	21.3	18.6	8.0	0.4	0.4	..	0.7	0.7	1.4
Leyte	9.6	1.7	0.5	1.2	1.3	1.1	0.8	0.8	1.3	0.5
Northern Samar	7.3	6.4	28.2	32.6	32.4	32.6	32.4	32.1	32.7	31.7
Southern Leyte	4.8	2.0	1.6	..	..	..	..	..	..	0.1
Samar	..	..	..	9.3	3.1	3.1	4.9	1.3	0.1	..
Zamboanga Peninsula	48.2	35.0	27.6	49.3	63.4	48.1	49.6	58.0	49.5	44.6
Zamboanga del Norte	7.2	7.4	7.5	9.3	10.1	9.6	9.3	9.1	9.6	10.2
Zamboanga del Sur	41.0	22.2	17.0	20.4	27.1	24.9	27.4	29.8	29.3	31.8
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	5.4	3.1	19.6	26.3	13.7	12.9	19.2	10.7	2.7
Northern Mindanao	113.4	70.3	105.3	118.5	84.5	77.0	44.1	36.5	107.6	150.5
Bukidnon	..	..	..	..	..	..	..	..	58.5	100.3
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	107.8	64.0	99.7	115.6	76.3	70.0	38.7	30.6	41.8	42.5
Misamis Occidental	1.3	1.4	1.4	0.7	3.5	3.4	3.7	4.4	4.7	5.5
Misamis Oriental	4.3	4.9	4.2	2.1	4.7	3.6	1.7	1.5	2.7	2.2
Davao Region	0.4	0.6	1.0	0.9	1.0	1.4	1.3	0.5	0.6	1.0
Davao del Norte	..	..	..	..	..	..	..	..	0.2	0.1
Davao del Sur	..	..	..	..	..	..	..	..	0.3	0.8
Davao City	..	..	..	..	..	..	..	..	0.0	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.4	0.6	1.0	0.9	1.0	1.4	1.3	0.5	0.0	..
SOCCSKSARGEN	220.4	252.4	203.5	202.6	212.7	192.5	203.5	175.9	123.6	85.6
North Cotabato	156.7	188.5	137.2	131.5	139.0	109.3	117.6	101.7	85.4	73.2
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	3.7	3.2	2.3	1.2	0.9	0.9	1.1	1.2	..	..
Sultan Kudarat	60.0	60.7	64.0	69.9	72.8	82.4	84.8	73.0	38.2	12.4
Caraga	124.9	166.3	153.1	166.1	202.2	172.8	231.9	221.9	151.3	148.3
Agusan del Norte	87.6	143.4	137.3	144.0	183.2	151.0	199.8	187.6	132.9	138.0
Agusan del Sur	13.1	7.6	5.2	9.6	6.4	4.9	5.0	10.9	5.1	1.3
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	0.1	..	..	..	..	..
Surigao del Sur	24.2	15.4	10.6	12.5	12.4	17.0	27.1	23.5	13.3	9.0
ARMM	2,242.0	2,282.5	2,336.1	2,322.1	2,305.8	2,436.6	2,506.4	2,474.3	224.9	247.4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	2,174.3	2,199.0	2,251.4	2,233.5	2,228.0	2,372.8	2,436.1	2,378.4	139.2	174.0
Maguindanao	67.6	83.5	84.7	88.6	77.8	63.8	70.2	95.8	85.7	73.3
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Lobster (Ulang)										
Philippines	**1,439.7**	**1,544.3**	**1,400.3**	**1,616.1**	**1,475.2**	**1,664.0**	**1,672.9**	**1,480.4**	**1,296.8**	**1,143.7**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	64.1	24.9	23.3	18.5	19.5	16.8	17.7	12.9	21.7	19.1
Ilocos Norte	23.2	4.6	2.5	2.4	3.9	2.3	2.0	2.7	3.3	2.6
Ilocos Sur	0.6	5.3	8.1	4.9	5.1	8.1	11.3	10.1	9.1	7.0
La Union	40.4	15.0	12.7	11.2	10.5	6.3	4.5	0.1	9.3	9.5
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	18.9	23.4	20.5	18.8	15.3	6.1	4.4	5.5	3.2	1.5
Cagayan	14.0	19.0	17.5	17.8	13.8	4.4	2.7	3.2	1.5	..
Isabela	4.9	4.5	3.0	1.0	1.5	1.7	1.7	2.2	1.8	1.5
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	794.1	912.9	880.6	1,004.5	946.1	975.4	997.5	989.6	924.7	813.7
Aurora	4.3	2.6	2.2	2.3	2.1	2.2	2.3	2.2	2.2	1.2
Bataan	..	..	..	..	..	..	..	..	..	0.4
Bulacan	14.7	5.0	31.8	15.3	2.3	2.4	0.5	1.0	0.2	..
Nueva Ecija	21.0	18.0	16.2	4.4	..	2.3	1.0	..	..	..
Pampanga	749.0	887.2	829.5	982.2	937.6	963.8	988.4	983.5	921.1	812.0
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	5.0	0.1	1.0	0.4	4.1	4.6	5.4	2.9	1.2	0.1
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	0.1	0.1	0.1	..	0.0	0.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	0.1	0.1	0.1	..	0.0	..
Romblon	..	..	..	..	..	..	..	..	..	0.0
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	263.1	258.5	230.8	141.7	124.2	122.0	127.8	144.5	120.5	135.7
Aklan	9.2	25.2	24.5	23.8	15.5	36.4	35.2	52.5	18.5	40.0
Antique	55.6	61.0	62.4	53.0	60.0	61.3	64.0	58.7	59.3	49.4
Capiz	5.8	6.3	5.7	7.0	5.2	..	..	..	..	..
Guimaras	3.2	2.9	1.5	1.7	2.0	1.4	1.7	1.4	1.0	2.1
Iloilo	182.8	157.8	132.3	48.9	32.3	11.0	19.4	26.8	38.7	44.1
Negros Occidental	6.5	5.3	4.4	7.4	9.3	11.9	7.5	5.1	3.0	0.1
Central Visayas	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.2	0.6
Bohol	..	..	..	..	..	0.0	..	..	..	..
Cebu	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1	..	..
Negros Oriental	..	..	..	..	..	..	0.1	..	0.2	0.6
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	103.7	58.8	37.6	29.4	4.2	4.8	4.9	1.9	0.3	0.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	66.3	37.3	37.0	27.8	3.2	3.4	3.4	0.7	..	..
Leyte	6.5	2.3	..	..	..	..	..	..	..	..
Northern Samar	20.7	12.0	..	..	..	..	..	..	..	..
Southern Leyte	5.3	3.3	..	1.6	1.0	1.4	1.5	1.2	0.3	0.0
Samar	5.0	4.0	0.6	..	..	..	..	..	..	..
Zamboanga Peninsula	32.7	57.4	29.9	29.6	35.2	29.9	30.8	27.3	30.0	35.6
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	32.0	44.1	29.9	29.6	35.2	29.9	30.8	27.3	29.6	29.3
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	0.7	13.3	..	..	..	..	..	..	0.4	6.3
Northern Mindanao	43.1	125.6	100.4	296.5	276.2	467.4	451.3	255.7	160.8	104.3
Bukidnon	37.8	39.6	51.7	275.0	261.6	450.7	428.9	241.3	150.9	99.3
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	4.6	84.8	46.7	14.3	7.3	9.5	10.6	..	..	..
Misamis Occidental	0.2	0.2	1.1	5.6	5.9	5.4	5.4	6.6	7.1	5.1
Misamis Oriental	0.5	1.0	0.9	1.6	1.4	1.8	6.4	7.8	2.8	..
Davao Region	1.9	2.0	1.6	1.8	1.6	3.7	2.0	3.2	3.1	10.6
Davao del Norte	..	..	..	..	0.1	0.0	0.0	0.0	..	0.1
Davao del Sur	..	0.0	0.1	0.1	..	..	..	..	0.3	0.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	1.2	1.2	0.6	0.5	0.4	2.4	0.7	2.7	2.6	10.5
Compostela Valley	0.7	0.8	1.0	1.1	1.0	1.2	1.2	0.5	0.2	..
SOCCSKSARGEN	2.1	4.0	3.8	3.3	3.8	4.0	3.4	3.1	3.0	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	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	3.0	..
Caraga	115.8	76.7	71.8	71.9	48.6	33.7	32.9	36.7	29.3	22.6
Agusan del Norte	74.1	52.2	47.8	41.5	30.7	17.4	8.2	7.2	10.3	4.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	35.6	17.0	14.8	17.2	16.7	16.2	24.7	26.2	19.0	18.3
Surigao del Sur	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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mud Crab (Alimango)										
Philippines	**766.7**	**788.0**	**820.9**	**896.0**	**986.6**	**888.4**	**1,045.9**	**896.8**	**989.2**	**897.8**
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	61.3	44.0	35.7	40.6	44.1	53.0	55.4	41.8	59.6	61.0
Ilocos Norte	0.5	0.8	0.3	0.2	0.2	8.7	11.4	10.1	5.5	3.6
Ilocos Sur	11.3	16.0	17.3	18.8	19.2	22.2	25.7	20.1	20.3	31.9
La Union	10.8	10.8	13.8	9.5	12.4	10.5	10.4	6.6	27.7	19.8
Pangasinan	38.7	16.4	4.3	12.2	12.3	11.6	7.9	4.9	6.1	5.7
Cagayan Valley	112.1	129.3	121.5	139.2	150.7	145.7	147.3	126.9	104.4	91.2
Cagayan	110.5	127.8	120.7	137.1	149.7	140.1	140.0	120.1	99.6	87.1
Isabela	1.5	1.6	0.8	2.0	1.0	5.6	7.3	6.8	4.8	4.1
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	14.9	6.0	7.0	9.9	4.6	4.4	4.4	4.3	69.4	55.2
Aurora	13.2	5.1	5.2	4.1	4.4	4.2	4.4	4.3	4.4	3.3
Bataan	..	..	..	..	..	..	..	..	4.0	2.7
Bulacan	1.8	0.8	1.7	5.6	0.2	0.2	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	56.0	46.8
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	0.2	0.1	0.3	..	..	..	..	5.1	2.4
CALABARZON	0.1	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	0.1	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	26.1	29.6	31.7	33.1	35.2	36.0	36.9	39.0	34.9	21.3
Marinduque	1.5	1.8	1.9	2.7	3.7	3.4	2.9	3.2	0.0	..
Occidental Mindoro	21.7	25.1	27.2	28.5	29.2	30.3	31.8	33.8	31.1	21.3
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	2.2	2.2	2.2	1.8	2.1	2.0	2.1	1.9	3.7	..
Romblon	0.7	0.5	0.4	0.1	0.1	0.2	0.1	0.1	0.0	..
Bicol Region	30.6	40.2	43.8	55.8	64.4	94.4	101.4	111.7	52.9	1.4
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	30.6	40.2	43.8	55.8	64.4	94.4	101.4	111.5	52.6	1.4
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	0.1	0.3	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	157.1	248.0	271.5	305.8	369.5	276.8	436.0	336.3	429.9	503.9
Aklan	10.0	15.8	14.3	14.8	15.2	18.5	32.1	25.3	21.8	21.6
Antique	15.5	22.9	26.1	34.1	38.5	37.8	38.7	44.9	36.6	40.4
Capiz	3.3	5.6	4.6	7.5	8.1	6.4	4.3	2.8	1.9	1.4
Guimaras	3.0	3.0	1.3	1.3	1.4	1.0	1.7	1.5	1.0	2.1
Iloilo	111.2	193.4	215.0	232.6	291.2	197.3	342.9	241.3	340.0	417.1
Negros Occidental	14.2	7.3	10.2	15.5	15.1	15.8	16.3	20.5	28.6	21.3
Central Visayas	8.6	13.2	14.7	14.9	17.6	16.7	23.0	17.5	17.2	9.9
Bohol	6.8	10.7	11.6	12.4	14.2	12.8	18.5	14.4	15.0	8.1
Cebu	1.0	1.5	1.4	1.3	2.1	2.4	3.2	2.5	1.7	1.3
Negros Oriental	0.8	1.0	1.6	1.3	1.3	1.5	1.3	0.6	0.5	0.5
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	182.9	89.8	96.3	68.5	45.2	41.5	33.0	33.7	31.1	27.3
Biliran	..	..	0.0	0.0	0.0	0.0	0.0	..	..	..
Eastern Samar	117.1	52.8	50.6	38.7	17.2	16.0	11.7	11.2	7.0	7.2
Leyte	15.2	8.1	9.0	9.5	7.6	5.0	0.0	..	0.6	0.1
Northern Samar	17.8	12.3	30.8	19.6	19.2	20.0	20.7	21.8	22.7	19.1
Southern Leyte	5.0	3.5	1.3	0.7	1.3	0.5	0.6	0.6	0.9	0.9
Samar	27.8	13.1	4.6	..	..	..	..	..	..	..
Zamboanga Peninsula	5.0	5.1	11.2	17.9	16.8	15.9	14.6	17.3	24.4	25.2
Zamboanga del Norte	3.4	3.9	5.2	6.4	7.8	6.6	6.3	6.0	5.4	6.3
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	1.7	1.2	6.0	11.6	9.0	9.3	8.3	11.3	19.0	18.9
Northern Mindanao	32.3	38.4	43.8	63.3	70.9	52.3	37.5	53.3	40.5	22.1
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	0.0	0.1	0.1	0.2	0.1	0.0	0.1	0.0	0.1
Lanao del Norte	29.4	36.4	39.6	55.7	62.0	40.5	28.3	44.1	33.1	15.8
Misamis Occidental	0.6	0.6	2.8	5.1	6.9	10.8	9.2	9.1	7.4	6.2
Misamis Oriental	2.2	1.3	1.4	2.4	2.0	1.0	..	..	..	..
Davao Region	1.8	3.4	5.1	3.3	2.6	3.5	5.2	3.0	1.5	2.5
Davao del Norte	1.7	3.2	4.4	2.5	1.8	2.5	4.1	2.7	1.2	1.9
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	0.2	0.7
Compostela Valley	0.2	0.3	0.6	0.7	0.9	1.0	1.0	0.3	0.1	..
SOCCSKSARGEN	19.8	19.8	17.7	15.6	16.0	15.2	14.2	14.4	15.0	2.0
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	19.8	19.8	17.7	15.6	16.0	15.2	14.2	14.4	15.0	2.0
Caraga	113.4	119.8	119.6	126.8	147.2	132.4	136.3	97.0	91.0	73.2
Agusan del Norte	44.0	39.0	48.7	70.3	48.7	44.5	31.8	38.3	43.3	46.7
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	53.2	55.5	48.8	29.9	13.8	14.4	12.9	6.4	20.1	6.9
Surigao del Sur	16.2	25.3	22.2	26.6	84.8	73.6	91.7	52.4	27.5	19.6
ARMM	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	17.6	1.7
Basilan	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	17.6	1.7
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tiger Prawn										
Philippines	**137.0**	**247.6**	**128.7**	**140.9**	**121.7**	**122.9**	**129.7**	**106.7**	**115.0**	**89.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	53.7	25.2	25.1	27.1	23.5	26.6	29.4	23.1	25.6	28.8
Ilocos Norte	..	..	..	..	..	1.5	3.2	1.4	1.2	1.2
Ilocos Sur	22.7	21.6	19.9	23.8	21.9	23.5	24.3	19.9	20.9	23.7
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	31.0	3.6	5.2	3.3	1.7	1.6	2.0	1.7	3.5	3.9
Cagayan Valley	13.3	16.6	19.4	16.3	25.0	22.6	23.7	26.3	18.1	12.6
Cagayan	13.3	16.6	19.4	16.3	25.0	22.6	23.7	26.3	18.1	12.6
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1.3	3.3	2.2	11.6	2.0	2.7	..	..	0.3	0.1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	1.3	3.3	2.2	11.6	2.0	2.7	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	0.3	0.1
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	2.3	3.0	3.4	3.4	4.5	5.2	5.6	6.3	6.5	3.6
Marinduque	..	..	..	..	..	..	..	..	0.4	0.1
Occidental Mindoro	2.3	3.0	3.4	3.4	4.5	5.2	5.6	6.2	6.1	3.5
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	0.1	0.0	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	60.3	197.8	72.8	78.4	62.0	58.5	66.7	46.5	53.6	37.0
Aklan	3.2	6.0	7.5	9.8	9.7	15.4	33.5	15.3	17.4	12.8
Antique	4.9	6.8	5.8	7.0	6.9	7.7	8.6	9.9	4.4	4.9
Capiz	0.3	0.6	0.4	0.6	1.2	1.4	0.4	0.2	0.1	0.1
Guimaras	2.1	1.6	1.4	1.5	1.8	1.2	1.8	1.4	1.2	1.4
Iloilo	48.3	179.4	50.6	50.9	30.0	19.8	13.4	10.0	13.9	15.4
Negros Occidental	1.5	3.5	7.1	8.7	12.4	12.9	9.0	9.7	16.7	2.4
Central Visayas	..	0.1	1.1	1.1	1.6	1.4	0.9	1.0	0.9	0.5
Bohol	..	..	..	..	..	..	..	0.3	0.3	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	0.1	1.1	1.1	1.6	1.4	0.9	0.7	0.6	0.5
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	6.1	1.2	..	..	..	..	..	..	0.1	0.1
Biliran	..	..	..	..	..	..	..	..	..	0.0
Eastern Samar	..	..	..	..	..	..	..	..	0.0	0.1
Leyte	..	0.2	..	..	..	..	..	..	..	..
Northern Samar	6.1	1.0	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	0.0	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	5.5	0.2
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	5.5	0.2
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	0.1	0.3	0.4	0.6	0.7	0.7	0.8	0.3	..	0.1
Davao del Norte	..	..	..	..	..	..	..	..	..	0.1
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	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	..	0.2	4.3	2.4	2.3	5.1	2.6	3.1	4.5	6.3
Agusan del Norte	..	0.1	4.3	2.4	2.3	2.6	1.7	2.8	4.5	5.2
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	0.1	..	..	..	2.6	0.9	0.4	..	1.1
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
White Shrimp (Hitong Puti)										
Philippines	**953.7**	**925.3**	**703.4**	**664.9**	**631.6**	**462.7**	**416.4**	**503.7**	**439.5**	**489.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	99.3	81.4	27.2	22.2	23.1	15.0	15.7	10.5	18.0	36.7
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	0.2	8.3	6.2	7.0	6.0	7.3	6.2	4.1	4.3	27.9
La Union	10.7	10.9	15.6	10.0	13.6	4.3	4.5	2.5	9.9	4.8
Pangasinan	88.4	62.2	5.5	5.3	3.5	3.4	5.0	3.9	3.8	4.0
Cagayan Valley	159.9	185.0	175.1	188.2	209.0	155.9	135.9	152.4	116.7	84.0
Cagayan	159.9	185.0	175.1	188.2	209.0	155.9	135.9	152.4	116.7	84.0
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	191.3	195.9	89.6	9.8	5.5	3.0	..	2.9	23.2	8.0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	3.5	1.9
Bulacan	37.2	40.9	19.5	9.8	5.5	3.0	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	2.9	7.5	6.2
Pampanga	152.5	154.8	70.1	..	..	..	..	..	12.3	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	1.6	0.2	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	0.0	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	0.0	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.3	0.2	0.8	1.3	1.7	19.4	20.7	10.1	25.5	15.7
Marinduque	..	..	..	..	..	..	..	..	0.7	2.2
Occidental Mindoro	..	..	0.4	0.7	0.6	0.7	0.8	0.9	0.6	1.7
Oriental Mindoro	..	..	..	..	..	17.5	18.7	8.1	..	11.8
Palawan	0.3	0.2	0.4	0.6	1.1	1.2	1.2	1.0	24.2	..
Romblon	..	..	..	..	..	..	..	0.1	..	..
Bicol Region	0.0	24.7	15.1	7.9	6.8	2.9	0.5	0.5	0.6	0.3
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	0.6	0.3
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	263.4	210.2	130.0	176.6	136.0	57.6	58.5	107.6	48.7	158.2
Aklan	..	..	..	..	..	..	..	..	..	5.2
Antique	7.2	10.3	9.9	10.1	8.8	6.8	7.2	3.7	3.8	6.3
Capiz	4.3	7.8	5.5	10.2	10.6	8.6	5.9	3.5	3.2	2.2
Guimaras	2.5	2.5	1.4	1.3	1.6	1.3	1.3	1.3	1.3	1.9
Iloilo	189.8	174.1	104.0	140.3	100.0	21.4	26.7	25.6	10.2	54.2
Negros Occidental	59.6	15.5	9.3	14.8	15.0	19.5	17.5	73.5	30.1	88.4
Central Visayas	18.2	10.5	6.1	5.0	4.5	4.4	3.8	4.9	2.1	1.7
Bohol	12.6	6.1	3.7	2.7	2.2	2.1	1.6	3.0	0.8	0.7
Cebu	2.4	2.3	1.8	1.8	1.9	2.2	2.3	2.0	1.2	1.0
Negros Oriental	3.3	2.0	0.5	0.4	0.4	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	61.9	36.0	18.9	15.3	13.5	8.4	8.1	8.9	9.5	8.9
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	33.5	18.4	7.2	7.0	5.9	..	..	0.3	0.3	0.4
Leyte	1.9	0.9	..	..	..	..	..	..	..	..
Northern Samar	26.5	16.4	11.1	8.3	7.6	8.4	8.1	8.6	8.9	8.1
Southern Leyte	..	0.3	0.7	..	..	..	..	..	0.3	0.4
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	5.8	6.1	8.1	7.1	8.1	7.7	6.1	7.4	7.4	20.1
Zamboanga del Norte	5.8	5.6	6.7	7.1	8.1	7.7	6.1	7.4	6.7	6.8
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	0.5	1.4	..	..	..	..	..	0.7	13.3
Northern Mindanao	8.1	30.7	60.6	49.1	58.4	31.2	18.5	24.9	24.8	26.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	25.6	47.7	36.7	42.6	22.8	14.5	18.7	17.8	19.3
Misamis Occidental	0.4	0.5	1.8	3.6	3.2	4.2	2.7	4.9	4.5	5.5
Misamis Oriental	7.7	4.6	11.1	8.7	12.6	4.2	1.3	1.3	2.4	1.7
Davao Region	0.4	0.5	0.5	0.7	1.0	1.1	0.9	0.5	..	0.5
Davao del Norte	..	..	..	..	..	..	..	..	..	0.5
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.4	0.5	0.5	0.7	1.0	1.1	0.9	0.5	..	..
SOCCSKSARGEN	13.2	13.8	13.5	14.1	14.3	15.1	15.2	15.5	14.5	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	13.2	13.8	13.5	14.1	14.3	15.1	15.2	15.5	14.5	..
Caraga	85.3	61.9	84.2	96.0	88.5	76.9	66.3	48.0	37.3	41.3
Agusan del Norte	54.9	24.5	30.3	27.4	25.3	20.8	15.9	29.9	37.3	37.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	30.4	37.4	54.0	68.6	63.2	56.1	50.4	18.1	..	4.0
ARMM	46.7	68.6	73.6	71.7	61.4	64.3	66.1	109.6	111.2	88.1
Basilan	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.8	12.2	2.3
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	46.0	67.9	72.9	70.9	60.6	63.6	65.4	108.9	98.9	85.8
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Other Crustaceans										
Philippines	**491.3**	**259.7**	**195.2**	**243.2**	**179.2**	**197.4**	**168.6**	**246.7**	**278.3**	**487.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	39.9	40.2	17.6	7.5	6.3	9.1	9.8	6.1	7.3	19.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	0.0
Ilocos Sur	..	..	..	..	..	2.5	2.4	1.8	1.9	12.1
La Union	9.5	9.0	6.9	3.6	2.9	2.7	2.9	1.8	2.9	4.4
Pangasinan	30.4	31.2	10.7	3.9	3.4	3.8	4.5	2.5	2.5	2.6
Cagayan Valley	35.4	21.9	16.9	18.8	8.5	2.1	20.0	..	..	..
Cagayan	35.4	21.9	16.9	18.8	8.5	2.1	20.0	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	164.0	0.1	..	..	..	..	..	..	..	0.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	0.1	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	164.0	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	0.8
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	4.7	7.6	7.6	2.1	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	4.7	7.6	7.6	2.1	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	0.0	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	95.1	61.0	60.9	112.9	79.1	95.9	76.5	177.3	225.7	430.2
Aklan	18.7	29.2	22.5	20.1	15.0	12.7	11.2	22.3	25.9	39.6
Antique	2.7	1.6	1.3	4.5	5.3	7.4	7.6	8.2	7.3	6.2
Capiz	4.5	6.2	7.2	8.0	8.2	8.9	4.1	5.9	1.9	2.3
Guimaras	2.6	2.4	1.5	1.7	2.0	1.7	1.7	1.4	1.2	2.3
Iloilo	31.0	18.2	7.8	..	25.1	3.1	1.5	47.3	19.3	26.2
Negros Occidental	35.6	3.4	20.7	78.6	23.5	62.1	50.4	92.3	170.1	353.6
Central Visayas	19.1	14.0	12.4	11.5	9.5	5.7	5.3	4.7	7.0	6.5
Bohol	16.3	12.2	9.8	9.0	8.1	4.6	4.2	3.2	6.0	4.0
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	2.8	1.8	2.5	2.5	1.5	1.1	1.1	1.5	1.0	2.5
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	96.7	35.1	..	0.5	..	..	..	2.5	0.9	0.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	92.0	34.3	..	..	..	..	..	2.5	0.9	0.1
Leyte	2.0	0.8	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	2.8	..	..	0.5	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	1.0	..	..	..	..	..	..	..	..	1.6
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	1.0	..	..	..	..	..	..	..	..	1.6
Northern Mindanao	19.8	63.1	49.7	44.0	32.9	44.7	18.7	14.3	6.0	3.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	0.5	0.5	0.6	0.6	0.5	0.5	0.3	0.3	0.2	0.3
Lanao del Norte	19.3	62.6	49.1	43.5	32.4	44.3	18.5	2.9	5.8	3.2
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	11.2	..	..
Davao Region	0.9	0.6	2.4	5.7	1.1	..	0.5	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	0.9	0.6	2.4	5.7	1.1	..	0.5	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	12.2	15.2	14.9	12.0	9.6	9.2	8.5	8.4	7.5	4.0
North Cotabato	3.7	6.4	6.3	3.7	1.3	0.9	0.9	0.7	0.4	0.4
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	8.5	8.8	8.6	8.3	8.3	8.4	7.6	7.7	7.1	3.6
Caraga	7.2	8.6	20.4	30.2	32.3	26.0	21.7	25.9	21.7	21.7
Agusan del Norte	7.2	8.6	12.6	30.1	31.8	24.7	17.1	22.6	19.6	20.1
Agusan del Sur	..	..	..	0.1	0.5	1.3	4.6	3.3	2.2	1.6
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Clams (Kabibi)										
Philippines	**692.7**	**800.9**	**1,273.4**	**1,623.5**	**2,435.4**	**1,828.3**	**1,698.4**	**1,155.5**	**687.3**	**674.5**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	14.7	14.3	2.6	4.0	13.7	6.7	9.4	5.7	8.2	11.2
Ilocos Norte	5.0	10.1	0.4	1.1	11.4	4.7	7.8	4.5	6.8	9.8
Ilocos Sur	0.1	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.1
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	9.5	4.0	1.8	2.5	1.8	1.7	1.3	1.0	1.2	1.3
Cagayan Valley	70.9	68.6	70.3	50.8	28.0	11.8	12.5	12.8	8.4	10.1
Cagayan	58.2	59.6	64.7	48.8	22.0	11.8	12.5	12.8	8.4	10.1
Isabela	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	..	..	..	..	..	..	..	..	0.3	0.2
Marinduque	..	..	..	..	..	..	..	..	0.3	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	0.2
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	105.9	107.7	105.2	107.4	116.4	101.0	91.8	71.3	8.0	4.0
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	105.9	107.7	105.2	107.4	116.4	101.0	91.8	71.0	7.7	4.0
Catanduanes	..	..	..	..	..	..	..	0.3	0.3	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	254.1	352.7	830.5	1,226.5	2,076.0	1,549.0	1,441.0	763.1	384.5	422.5
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	3.9	1.1	0.7	0.4	0.4	0.4	0.5	0.5	0.5	0.4
Capiz	..	..	..	..	8.0	3.4	2.1	0.7	0.9	1.6
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	249.5	351.1	829.7	1,221.1	2,062.5	1,540.5	1,436.8	760.4	382.5	420.5
Negros Occidental	0.7	0.5	0.1	5.1	5.2	4.7	1.6	1.6	0.7	0.1
Central Visayas	7.2	4.7	4.5	4.1	4.2	4.0	3.0	9.2	12.3	..
Bohol	1.8	4.1	3.9	4.1	4.2	4.0	3.0	9.2	12.2	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	5.4	0.6	0.6	..	..	..	..	..	0.1	..
Siquijor	.	.	.	.	.	.	.	.	.	.
Eastern Visayas	154.3	109.8	111.9	84.7	50.4	51.0	49.3	50.8	50.7	50.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	89.7	54.0	55.9	33.1	3.1	3.1	1.0	1.2	0.2	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	47.0	45.5	50.5	42.9	44.6	45.2	45.5	47.0	48.5	49.3
Southern Leyte	7.4	2.7	1.4	4.0	2.7	2.7	2.9	2.7	2.1	0.6
Samar	10.3	7.6	4.1	4.7	..	..	..	..	..	..
Zamboanga Peninsula	0.3	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	0.3	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	0.2	8.6	28.4	26.2	20.9	20.3	18.0	18.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	0.2	8.6	28.4	26.2	20.9	20.3	18.0	18.5
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	5.5	5.6	5.4	4.4	3.7	3.7	3.9	4.3	4.2	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	1.2	1.7	1.4	0.7	..	..	..	..	..	..
Sultan Kudarat	4.2	3.9	4.0	3.7	3.7	3.7	3.9	4.3	4.2	..
Caraga	61.7	136.2	135.4	132.3	114.8	74.9	66.6	218.0	192.7	158.1
Agusan del Norte	40.8	100.8	105.6	107.9	91.0	45.1	27.7	36.9	42.8	28.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	1.9	12.2	13.5	9.4	6.5	9.7	11.9	18.2	4.9	4.3
Surigao del Sur	18.9	23.3	16.3	15.1	17.3	20.1	27.1	162.9	145.0	125.4
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Freshwater Clams (Tulya)										
Philippines	**2,984.0**	**3,064.1**	**3,210.3**	**3,342.3**	**3,231.5**	**3,266.4**	**3,236.4**	**3,567.9**	**3,446.5**	**3,204.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	23.9	25.6	29.7	29.6	28.2	37.8	39.9	40.8	35.8	35.7
Abra	10.0	9.2	13.1	12.0	8.9	11.9	11.9	11.1	10.8	8.4
Apayao	..	..	..	..	0.6	5.7	6.0	5.4	5.0	5.4
Benguet	4.3	5.1	4.7	4.8	5.5	6.1	6.5	6.8	1.8	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	9.6	11.4	11.9	12.8	13.1	14.1	15.5	17.5	18.1	21.9
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	45.5	73.7	62.3	46.7	63.0	50.4	31.3	44.8	23.0	22.0
Ilocos Norte	10.7	38.6	31.9	26.3	21.7	20.4	14.5	11.4	17.2	18.0
Ilocos Sur	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
La Union	26.8	31.7	24.4	18.3	39.9	28.9	15.2	32.4	4.9	3.0
Pangasinan	8.0	3.3	6.0	2.1	1.3	1.1	1.5	1.0	0.9	0.9
Cagayan Valley	577.1	651.5	742.3	780.6	657.5	703.6	727.7	839.9	900.1	641.0
Cagayan	431.8	485.6	566.8	589.1	502.8	514.3	569.1	704.0	743.6	491.7
Isabela	91.7	93.4	101.9	117.9	81.4	120.1	82.6	84.7	76.3	67.3
Nueva Vizcaya	40.0	53.7	55.1	54.4	54.6	49.3	55.3	36.0	38.9	47.2
Quirino	13.6	18.7	18.5	19.2	18.7	19.9	20.7	15.3	41.3	34.8
Central Luzon	657.0	583.3	487.8	443.8	424.8	329.4	301.5	290.9	281.8	286.9
Aurora	14.0	10.9	12.0	7.8	8.0	8.8	9.7	10.1	10.1	6.6
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	2.8	..	..	..	..	..	..	..	..
Nueva Ecija	66.2	62.4	76.7	47.1	53.5	51.8	40.6	12.5	0.6	0.5
Pampanga	560.3	498.9	397.4	386.3	360.4	264.7	243.9	262.3	271.1	279.8
Tarlac	6.5	7.1	0.0	0.8	..	..	..	..	..	..
Zambales	10.0	1.2	1.6	1.9	2.9	4.1	7.2	6.0	..	..
CALABARZON	1,497.3	1,577.7	1,744.4	1,878.3	1,885.2	1,940.9	1,905.8	2,048.9	1,755.7	1,886.2
Batangas	..	..	..	..	..	..	..	..	..	10.3
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1,114.5	1,337.6	1,500.4	1,628.2	1,633.7	1,690.2	1,680.6	1,823.1	1,693.7	1,674.5
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	382.8	240.1	244.0	250.1	251.5	250.8	225.1	225.8	62.0	201.3
MIMAROPA	..	..	..	..	15.4	33.7	38.4	48.2	22.1	68.8
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	3.3	3.4
Oriental Mindoro	..	..	..	..	15.4	33.7	38.4	48.2	18.8	65.4
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	0.0	..
Bicol Region	0.2	0.1	0.4	0.6	0.7	0.7	0.9	0.6	0.7	0.4
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	0.2	0.1	0.4	0.6	0.7	0.7	0.9	0.6	0.7	0.4
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	9.3	2.3	0.6	5.8	8.0	8.1	6.1	3.7	200.2	46.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0.1	0.4	0.5	0.4	0.4	0.5	0.6	0.5	0.7	0.7
Capiz	..	..	..	..	2.5	3.0	2.4	1.1	1.4	2.1
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	1.4	..	..	..	..	..	..	197.1	23.6
Negros Occidental	9.3	0.5	0.1	5.4	5.1	4.6	3.2	2.2	1.0	19.7
Central Visayas	2.9	2.5	2.3	1.2	0.8	0.5	0.2	..	..	0.2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	1.7	0.9	0.3	..	..	..	..	..	..	..
Negros Oriental	1.2	1.7	2.0	1.2	0.8	0.5	0.2	..	..	0.2
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	13.4	2.2	1.3	7.0	5.8	2.7	1.0	..	..	0.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	12.2	2.2	1.3	1.1	0.8	0.2	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	1.2	..	..	..	..	..	..	..	..	0.5
Samar	..	..	..	5.9	4.9	2.5	1.0	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	1.1	2.0	2.8	5.3	2.4	1.8	0.4	3.3	1.4	1.3
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	1.1	2.0	2.8	5.3	2.4	1.8	0.4	3.3	1.4	1.3
Davao Region	0.2	0.6	0.6	0.6	0.7	0.5	0.4	0.3	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	0.2	0.6	0.6	0.6	0.7	0.5	0.4	0.3	..	..
SOCCSKSARGEN	42.4	52.9	53.0	70.6	76.8	86.1	82.0	81.7	60.7	46.1
North Cotabato	15.7	21.5	21.1	28.8	31.3	32.9	29.7	27.6	21.2	14.0
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	24.3	29.1	29.8	39.7	43.4	51.1	50.6	52.4	37.8	32.0
Sultan Kudarat	2.4	2.3	2.1	2.1	2.1	2.0	1.7	1.7	1.7	..
Caraga	112.8	88.8	82.2	71.2	61.2	69.2	99.8	163.8	164.9	169.8
Agusan del Norte	94.6	58.6	48.2	48.6	45.0	45.2	71.7	79.8	76.4	94.7
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	1.9	8.5	12.5	12.2	8.5	12.5	12.6	15.8	0.9	..
Surigao del Sur	16.3	21.8	21.5	10.4	7.8	11.5	15.4	68.2	87.7	75.0
ARMM	0.8	0.9	0.9	1.0	1.1	1.2	1.2	1.3	0.2	..
Basilan	0.8	0.9	0.9	1.0	1.1	1.2	1.2	1.3	0.2	..
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Oyster (Talaba)										
Philippines	**1,161.7**	**1,486.5**	**1,282.6**	**1,796.3**	**1,397.2**	**1,764.4**	**1,440.8**	**908.5**	**1,318.7**	**794.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	19.2	8.9	29.0	15.2	11.3	11.0	11.0	13.0	8.3	7.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	0.7	1.0	1.6	1.4	1.5	1.4	1.3	0.9	0.9	0.7
La Union	3.5	5.0	1.8	1.2	1.6	1.4	1.9	4.9	0.6	0.1
Pangasinan	15.0	2.9	25.6	12.6	8.1	8.3	7.8	7.2	6.8	6.4
Cagayan Valley	7.0	8.5	5.8	6.5	6.4	5.8	5.2	6.0	4.8	3.9
Cagayan	7.0	8.5	5.8	6.5	6.4	5.8	5.2	6.0	4.8	3.9
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
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	1,122.2	1,387.4	1,175.8	1,692.8	1,297.1	1,671.9	1,350.0	818.5	1,228.5	715.1
Aklan	7.1	15.7	20.8	22.3	84.5	74.8	97.9	35.7	6.5	9.5
Antique	22.8	22.7	28.6	29.4	37.9	39.9	38.1	32.6	29.5	32.0
Capiz	3.6	7.4	4.9	8.9	9.3	10.4	9.4	5.6	6.9	6.9
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	1,060.9	1,325.0	1,105.3	1,595.3	1,131.2	1,512.2	1,176.3	724.7	1,114.7	654.5
Negros Occidental	27.9	16.6	16.3	37.0	34.2	34.7	28.4	19.9	70.8	12.2
Central Visayas	..	..	..	..	..	..	..	..	0.9	4.6
Bohol	..	..	..	..	..	..	..	..	0.9	4.6
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	5.8	0.3	..	..	..	..	..	..	0.0	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	5.8	0.3	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	0.0	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.2	0.1	0.7	11.0	18.2	16.7	20.0	16.5	13.7	12.6
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	0.5	9.4	16.3	12.5	15.9	14.5	10.7	10.5
Misamis Occidental	0.2	0.1	0.2	1.6	1.9	4.1	4.2	2.0	3.0	2.1
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	1.6	1.5	1.4	1.3	1.3	1.2	1.0	1.0	1.1	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	1.6	1.5	1.4	1.3	1.3	1.2	1.0	1.0	1.1	..
Caraga	5.7	79.8	69.8	69.6	63.0	57.8	53.6	53.4	61.5	51.3
Agusan del Norte	..	74.5	61.9	58.6	50.8	45.2	40.4	53.4	61.5	48.1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	5.7	5.2	7.9	11.0	12.3	12.5	13.2	..	..	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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Shell (Kuhol)										
Philippines	**449.1**	**485.8**	**370.8**	**339.5**	**361.9**	**390.2**	**379.3**	**346.7**	**244.9**	**185.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	0.4	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	0.4	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	17.0	15.0	19.8	11.8	23.9	16.0	14.3	12.0	5.7	4.2
Ilocos Norte	1.2	1.7	2.8	3.0	3.6	3.0	5.9	2.0	3.2	2.3
Ilocos Sur	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.2	0.4	0.2
La Union	15.4	12.8	16.4	8.2	19.7	12.5	7.9	9.7	2.2	1.6
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	168.7	187.0	141.5	148.4	156.2	171.0	166.3	145.0	117.1	88.5
Cagayan	89.9	104.5	62.0	60.4	69.2	90.5	79.6	69.3	58.7	39.5
Isabela	44.0	44.0	42.4	44.7	43.2	40.8	41.1	42.2	34.7	29.6
Nueva Vizcaya	32.2	36.1	34.2	39.6	40.4	38.5	43.8	32.7	23.2	18.3
Quirino	2.5	2.4	3.0	3.7	3.3	1.3	1.7	0.9	0.5	1.1
Central Luzon	5.0	4.3	2.9	4.4	2.1	2.6	1.1	0.7	..	0.6
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	1.8	1.7	1.5	..	..	..	..	..	0.6
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	1.3	..	..	..	..	..	..
Zambales	5.0	2.5	1.1	1.6	2.1	2.6	1.1	0.7	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.3	0.2	0.3	0.3	0.2	0.2	0.2	8.6	13.0	0.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	0.3	0.3
Oriental Mindoro	..	..	..	..	..	..	..	8.5	12.7	..
Palawan	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.1	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	50.9	56.2	49.1	48.9	50.5	42.7	38.8	29.7	..	0.1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	50.9	56.2	49.1	48.9	50.5	42.7	38.8	29.7	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	0.1
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	11.3	18.1	12.7	15.4	13.0	13.0	12.1	9.7	8.9	14.3
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	7.3	14.4	11.6	12.2	10.6	10.2	10.3	7.8	7.1	8.5
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	3.1	2.6	0.5	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	5.3
Negros Occidental	1.0	1.1	0.6	3.2	2.4	2.8	1.8	1.9	1.8	0.4
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	1.3	1.1	1.6	1.1	1.0	1.3	1.0	0.7	0.7	0.6
Zamboanga del Norte	1.3	1.1	1.6	1.1	1.0	1.3	1.0	0.7	0.7	0.6
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	60.9	24.7	7.5	16.2	16.4	17.9	17.3	22.5	19.8	17.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	60.9	24.7	7.5	16.2	15.5	17.0	17.3	22.5	19.8	17.8
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	0.8	0.9	..	..	..	..
Davao Region	..	..	0.3	1.4	7.7	15.7	8.3	5.9	2.0	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	1.9	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	1.1	7.2	15.2	8.3	5.9	0.2	..
Compostela Valley	..	..	0.3	0.3	0.5	0.5	0.1	..	..	..
SOCCSKSARGEN	44.8	55.8	48.2	55.2	63.7	68.8	59.5	49.1	38.5	25.5
North Cotabato	37.3	48.9	42.8	51.1	59.6	64.7	55.4	44.9	34.2	22.3
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	3.9	3.0	1.3	..	..	..	..	..	..	..
Sultan Kudarat	3.7	3.9	4.1	4.1	4.2	4.1	4.1	4.2	4.2	3.2
Caraga	88.9	122.9	87.0	36.3	27.2	41.0	60.6	62.8	39.3	33.6
Agusan del Norte	58.4	81.3	51.1	7.1	4.9	3.7	2.2	1.8	1.5	1.7
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	30.4	41.6	35.9	29.2	22.3	37.3	58.4	61.0	37.8	32.0
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 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Snail (Suso)										
Philippines	**56,208.0**	**53,385.0**	**53,361.6**	**54,559.0**	**55,210.4**	**55,200.2**	**51,765.4**	**50,834.6**	**47,602.8**	**46,740.9**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	12.9	15.8	16.8	17.5	18.4	26.9	29.2	26.9	25.6	30.1
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	2.9	2.7	2.8	2.9	3.1	10.9	11.5	10.2	8.4	6.3
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	10.1	13.1	14.0	14.6	15.2	16.0	17.7	16.8	17.2	23.8
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	29.3	59.3	68.3	48.1	53.3	37.1	31.2	61.2	29.3	25.9
Ilocos Norte	10.0	37.6	43.8	36.2	34.3	23.5	22.4	13.0	20.8	21.0
Ilocos Sur	0.4	0.5	0.7	0.7	0.7	0.7	0.5	0.3	0.3	0.2
La Union	14.2	13.0	17.5	7.8	16.4	11.3	6.5	46.2	6.9	3.4
Pangasinan	4.6	8.3	6.3	3.5	1.9	1.7	1.8	1.6	1.3	1.3
Cagayan Valley	200.8	194.8	139.7	139.7	138.8	153.5	135.3	129.7	117.0	124.4
Cagayan	109.2	93.0	51.2	56.4	62.6	76.8	61.0	74.5	69.8	80.9
Isabela	38.1	37.3	26.4	22.0	18.1	19.7	16.3	20.4	16.4	14.1
Nueva Vizcaya	51.7	57.9	53.8	53.2	52.7	49.9	52.3	30.2	26.3	22.6
Quirino	1.7	6.6	8.3	8.1	5.5	7.1	5.7	4.6	4.6	6.9
Central Luzon	185.0	184.6	131.8	88.9	98.2	75.1	139.8	302.6	352.5	343.4
Aurora	14.5	12.1	12.4	7.1	7.1	7.5	8.3	9.0	8.2	5.0
Bataan	1.5	3.1	3.6	3.7	3.1	3.0	2.5	2.6	..	..
Bulacan	..	1.8	2.9	1.5	..	..	..	..	..	1.5
Nueva Ecija	159.9	162.1	110.3	53.4	77.2	56.8	39.8	5.4	7.1	9.9
Pampanga	..	..	..	..	..	..	79.3	278.2	334.1	325.2
Tarlac	6.5	3.4	1.7	21.6	5.0	1.9	3.1	2.4	3.1	1.9
Zambales	2.7	2.2	1.0	1.6	5.9	5.8	6.8	5.0	..	..
CALABARZON	55,039.4	52,245.7	52,510.8	53,712.0	54,138.4	54,393.7	50,821.4	49,699.6	46,690.4	45,887.9
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	30,163.6	22,267.8	20,995.6	21,820.0	21,876.9	22,189.6	21,621.0	22,317.6	20,550.6	21,038.2
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	24,875.7	29,977.8	31,515.2	31,891.9	32,261.5	32,204.1	29,200.4	27,382.1	26,139.8	24,849.7
MIMAROPA	0.6	0.8	0.3	1.1	1.1	1.1	1.8	16.7	19.9	35.0
Marinduque	..	..	..	..	..	..	..	0.6	0.6	0.1
Occidental Mindoro	..	..	..	..	..	..	..	..	2.0	2.5
Oriental Mindoro	..	..	..	..	..	..	..	15.6	15.0	31.2
Palawan	..	..	0.0	0.1	0.1	0.1	0.2	0.1	1.7	..
Romblon	0.6	0.8	0.3	1.0	1.0	1.0	1.6	0.3	0.6	1.2
Bicol Region	155.9	164.5	154.4	153.0	156.5	145.5	135.6	109.9	27.4	6.6
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	155.9	164.5	154.3	152.8	156.1	145.0	134.9	109.1	26.5	6.0
Catanduanes	..	..	0.2	0.2	0.4	0.5	0.7	0.8	0.9	0.6
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	128.0	174.2	20.1	85.5	347.6	132.3	303.3	200.1	60.0	21.2
Aklan	3.4	..	..	..	..	..	..	..	..	..
Antique	9.3	14.4	14.4	13.9	14.0	12.5	12.7	9.6	5.3	3.5
Capiz	4.5	6.1	3.5	4.2	4.6	4.7	5.2	3.5	1.9	2.6
Guimaras	2.6	3.1	1.9	1.5	0.7	0.3	..	..	..	..
Iloilo	107.3	150.0	..	62.6	326.1	112.6	284.2	185.9	51.4	14.9
Negros Occidental	0.9	0.7	0.3	3.3	2.3	2.2	1.3	1.1	1.4	0.2
Central Visayas	3.9	4.6	2.0	3.0	3.1	3.1	4.6	4.4	2.5	2.4
Bohol	2.8	2.5	0.9	1.6	1.5	1.3	1.0	1.6	0.4	0.6
Cebu	1.2	2.0	1.1	1.4	1.5	1.8	3.4	2.7	2.1	1.7
Negros Oriental	0.0	..	0.0	0.0	0.1	0.0	0.2	0.0	..	..
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	13.0	4.5	6.6	5.3	4.4	2.5	0.6	0.7	..	1.8
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	2.6	4.6	2.5	2.2	2.0	0.6	0.7	..	..
Leyte	13.0	1.9	2.0	2.5	2.2	0.5	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	0.3	..	..	..	..	..	1.8
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	1.4	1.2	1.5	1.1	1.1	1.2	0.9	0.7	0.7	0.6
Zamboanga del Norte	1.4	1.2	1.5	1.1	1.1	1.2	0.9	0.7	0.7	0.6
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	102.2	71.2	59.6	60.4	41.0	39.5	34.6	47.6	39.7	35.7
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	99.1	67.5	50.3	45.8	32.3	28.4	26.9	34.4	30.0	29.5
Misamis Occidental	0.4	0.4	5.0	8.7	6.5	8.3	7.3	13.0	8.6	5.2
Misamis Oriental	2.7	3.3	4.4	5.8	2.2	2.8	0.4	0.2	1.1	1.0
Davao Region	3.2	6.3	1.7	2.8	1.9	3.8	2.0	0.6	1.7	0.9
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	1.7	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	3.2	6.3	1.7	2.8	1.9	3.8	1.7	0.6	..	..
Compostela Valley	..	..	..	..	..	..	0.3	..	..	0.9
SOCCSKSARGEN	19.0	23.0	28.7	39.7	44.3	51.2	43.5	44.6	35.7	41.5
North Cotabato	11.4	15.6	21.9	33.3	38.4	44.2	36.6	36.8	25.9	25.1
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	2.1	1.9	1.6	1.5	1.1	1.8	2.1	2.9	4.7	12.3
Sultan Kudarat	5.5	5.5	5.2	4.9	4.8	5.2	4.8	5.0	5.1	4.2
Caraga	14.5	73.2	61.7	34.1	29.0	23.9	16.0	138.1	114.2	100.1
Agusan del Norte	9.0	66.5	53.4	24.7	25.6	19.8	13.9	13.3	10.9	18.1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	14.0	70.9	50.2
Surigao del Sur	5.5	6.7	8.3	9.4	3.5	4.1	2.1	110.8	32.5	31.8
ARMM	299.0	161.4	157.6	166.8	133.6	109.9	65.7	51.4	86.5	83.3
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	299.0	161.4	157.6	166.8	133.6	109.9	65.7	51.4	86.5	83.3
Sulu	.	.	.	.	.	.	.	.	.	.
Tawi-tawi	.	.	.	.	.	.	.	.	.	.

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

Table 2.7.2
INLAND MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Other Molluscs										
Philippines	**1,285.8**	**1,499.5**	**1,399.2**	**1,544.2**	**1,890.4**	**1,204.2**	**907.9**	**876.9**	**682.0**	**743.4**
NCR	.	.	.	.	.	.	.	.	.	.
Metro Manila	.	.	.	.	.	.	.	.	.	.
CAR	..	..	..	..	..	..	..	..	..	3.2
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	3.2
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	117.5	122.8	209.6	177.3	228.6	128.0	105.6	70.7	49.1	39.0
Ilocos Norte	18.4	21.8	104.6	91.1	92.4	37.8	37.6	25.5	13.5	14.1
Ilocos Sur	37.1	42.9	59.8	58.7	59.9	50.9	44.6	28.4	28.7	21.2
La Union	33.0	38.6	34.8	24.2	74.0	37.2	21.7	15.6	5.6	2.4
Pangasinan	29.0	19.5	10.5	3.3	2.3	2.1	1.7	1.3	1.3	1.2
Cagayan Valley	393.2	447.9	434.7	529.9	542.1	605.8	491.3	459.5	375.2	371.7
Cagayan	383.6	437.9	427.7	520.3	536.0	598.0	485.3	450.7	368.8	365.7
Isabela	6.2	6.4	3.3	6.1	2.3	4.1	1.6	4.9	2.4	2.6
Nueva Vizcaya	3.5	3.6	3.7	3.5	3.8	3.8	4.3	4.0	4.0	3.4
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	17.7	11.8	11.3	8.0	7.5	7.8	8.2	8.3	7.6	2.0
Aurora	12.7	11.8	11.3	8.0	7.5	7.8	8.2	8.3	7.6	2.0
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	5.0	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	0.1	72.9
Marinduque	..	..	..	..	..	..	..	..	0.1	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	72.9
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	0.7	0.5	0.1	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	0.7	0.5	0.1	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	579.6	772.8	594.6	647.4	956.3	316.1	169.2	198.5	89.8	94.2
Aklan	11.9	10.0	12.5	16.0	18.3	23.5	56.0	39.5	55.4	62.1
Antique	2.2	2.5	2.8	2.3	2.3	2.2	2.5	2.7	3.8	2.4
Capiz	4.5	6.0	4.1	7.6	7.9	5.8	5.2	2.8	3.3	3.3
Guimaras	4.8	4.9	3.4	4.4	6.4	5.1	2.0	2.0	2.4	1.8
Iloilo	523.9	748.0	571.1	614.1	917.6	275.6	99.2	148.8	19.3	2.6
Negros Occidental	32.4	1.4	0.7	3.1	3.9	3.9	4.4	2.7	5.7	22.0
Central Visayas	41.7	40.4	33.3	32.2	35.2	41.2	63.7	56.9	47.6	52.1
Bohol	17.3	16.5	12.5	12.3	11.1	8.0	4.7	3.0	5.7	19.2
Cebu	8.3	13.6	12.1	15.1	21.2	31.5	58.0	53.6	41.9	32.9
Negros Oriental	16.1	10.3	8.7	4.8	2.9	1.8	1.1	0.3	..	..
Siquijor	.	.	.	.	.	.	.	.	..	.
Eastern Visayas	8.1	0.9	0.0	0.1	..	..	..	..	..	0.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	0.1
Leyte	8.1	0.9	0.0	0.1	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	.	.	.	.	.	.	.	.	.	.
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	110.8	68.9	59.5	58.5	45.9	39.0	21.8	31.3	32.2	32.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	0.1	..	..	..	..	..	..	..	..
Lanao del Norte	84.7	53.1	51.3	53.2	43.1	35.8	17.5	28.4	31.4	31.6
Misamis Occidental	..	..	..	..	..	..	3.8	2.8	0.3	0.9
Misamis Oriental	26.1	15.8	8.1	5.3	2.8	3.2	0.6	0.1	0.5	0.3
Davao Region	1.0	0.4	17.4	29.6	23.1	20.9	5.4	..	6.2	20.1
Davao del Norte	..	..	..	..	..	..	..	..	..	0.2
Davao del Sur	..	..	..	26.3	17.5	20.9	5.0	..	6.2	19.9
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	1.0	0.4	17.4	3.3	5.6	..	..	..	..	..
Compostela Valley	..	..	..	..	0.1	..	0.4	..	..	..
SOCCSKSARGEN	9.0	9.1	8.6	7.7	7.0	5.5	5.1	5.3	5.2	3.7
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	.	.	.	.	.	.	.	.	.	.
South Cotabato	2.1	2.3	1.9	1.7	1.5	..	..	..	..	..
Sultan Kudarat	6.9	6.8	6.7	6.0	5.6	5.5	5.1	5.3	5.2	3.7
Caraga	6.8	24.2	30.2	53.7	44.7	39.8	37.6	46.3	69.2	51.8
Agusan del Norte	6.8	24.2	30.2	53.7	44.7	39.8	37.6	46.3	44.5	47.4
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	.	.	.	.	.	.	.	.	.	.
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	24.7	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 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Acetes (Alamang)										
Philippines	**8,987.1**	**7,047.0**	**8,737.1**	**10,931.2**	**10,246.0**	**8,018.9**	**11,798.2**	**10,834.6**	**6,546.5**	**8,379.0**
NCR	202.6	137.7	118.1	188.0	276.2	170.8	174.8	169.8	283.6	490.9
Metro Manila	202.6	137.7	118.1	188.0	276.2	170.8	174.8	169.8	283.6	490.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	449.5	391.5	195.2	219.3	296.7	404.6	475.1	480.8	336.6	311.9
Ilocos Norte	60.2	11.8	1.9	2.3	3.3	2.7	2.4	1.6	1.6	1.9
Ilocos Sur	259.2	154.0	90.6	114.4	242.5	289.3	343.5	369.0	236.3	199.8
La Union	31.0	10.0	8.7	26.4	16.8	34.6	25.8	9.6	5.8	5.8
Pangasinan	99.1	215.7	94.0	76.1	34.1	78.0	103.4	100.6	92.8	104.4
Cagayan Valley	1,436.4	1,469.2	1,104.3	1,484.9	1,775.7	1,278.9	1,295.1	911.7	680.2	1,103.5
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1,433.4	1,466.8	1,102.3	1,483.9	1,774.4	1,277.7	1,293.8	910.4	678.5	1,102.0
Isabela	3.1	2.4	2.1	1.0	1.3	1.2	1.3	1.3	1.6	1.5
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	935.3	499.4	712.0	659.5	754.2	803.5	758.1	685.5	650.3	1,475.6
Aurora	7.5	5.4	6.4	5.2	3.6	3.9	4.1	3.9	3.2	1.7
Bataan	67.1	104.4	100.5	101.1	137.1	132.2	134.7	144.8	153.5	1,102.9
Bulacan	202.3	126.7	108.6	88.3	103.5	92.3	92.2	54.8	140.5	108.4
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	4.3	3.4
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	658.4	263.0	496.5	465.0	510.0	575.0	527.1	482.0	348.8	259.2
CALABARZON	911.7	44.3	65.3	113.4	41.2	38.0	3,802.1	3,203.3	146.4	105.5
Batangas	3.6	4.3	17.1	21.4	20.9	10.6	9.9	10.3	7.6	8.4
Cavite	20.1	39.3	45.9	90.8	17.5	27.1	67.5	62.7	49.2	96.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	888.0	0.7	2.4	1.1	2.8	0.3	3,724.7	3,130.3	89.6	0.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	817.3	354.4	18.4	6.4	21.9	38.8	45.5	30.3	36.9	17.3
Marinduque	1.0	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	1.0	2.8	2.6	2.2	2.6	2.6	2.6	2.6	2.8
Oriental Mindoro	..	..	..	..	..	..	0.2	0.3	15.3	..
Palawan	816.3	353.4	15.6	3.9	19.7	36.1	42.8	27.4	18.9	14.5
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	661.2	815.6	1,803.9	1,716.6	1,943.3	1,811.1	1,745.7	1,683.2	1,237.4	1,795.9
Albay	..	..	..	..	..	..	..	79.1	83.8	86.1
Camarines Norte	77.5	84.9	0.6	0.5	1.1	1.4	1.9	40.0	37.7	690.9
Camarines Sur	557.5	711.4	1,801.7	1,714.3	1,936.6	1,800.6	1,737.6	1,563.5	1,107.5	1,012.8
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	0.3	..	..	..	..	..	..	..	..
Sorsogon	26.2	19.0	1.7	1.8	5.7	9.1	6.3	0.5	8.5	6.1
Western Visayas	2,328.2	2,007.6	2,054.0	3,291.8	3,328.6	2,003.0	2,352.0	2,333.8	1,354.7	1,394.0
Aklan	165.1	163.7	178.3	148.9	159.0	153.1	218.9	269.9	248.7	264.7
Antique	3.0	2.9	2.6	3.5	7.1	6.8	8.1	6.5	5.9	4.3
Capiz	249.8	115.4	52.1	58.0	43.8	35.9	24.7	27.2	26.4	16.9
Guimaras	72.8	68.6	104.2	121.7	40.2	15.6	15.9	18.5	15.1	24.2
Iloilo	1,639.3	1,508.6	1,659.3	2,882.9	2,793.3	1,672.5	1,817.9	1,939.8	902.6	916.7
Negros Occidental	198.3	148.4	57.5	76.9	285.1	119.1	266.6	71.9	156.0	167.2
Central Visayas	71.7	61.3	75.8	80.3	70.8	97.6	130.0	186.8	247.4	286.1
Bohol	2.3	1.2	1.0	0.8	1.1	1.1	1.1	1.2	3.9	2.6
Cebu	50.2	44.1	56.5	63.4	57.4	94.9	106.9	178.2	237.3	257.5
Negros Oriental	19.3	16.0	18.3	16.0	12.4	1.6	22.1	7.4	6.1	26.0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	112.6	78.4	1,092.0	1,014.8	714.2	478.3	87.4	196.4	214.1	147.6
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	1.1	..	..	..	1.4	2.2	2.5	10.2	24.2	22.0
Leyte	81.3	..	..	..	..	..	..	..	5.7	..
Northern Samar	..	0.5	..	..	..	..	..	..	..	..
Southern Leyte	30.3	17.3	6.1	4.9	0.4	0.2	..	..	0.0	0.6
Samar	..	60.6	1,085.9	1,009.9	712.4	475.9	84.8	186.2	184.2	125.1
Zamboanga Peninsula	332.3	242.4	417.5	1,341.7	276.8	178.2	128.1	113.3	595.0	465.6
Zamboanga del Norte	83.7	58.2	23.2	15.2	16.5	13.7	13.2	10.2	10.1	8.8
Zamboanga del Sur	..	..	..	..	..	..	..	..	13.6	14.3
Zamboanga City	..	..	..	..	..	..	3.6	2.8	2.1	..
Zamboanga Sibugay	248.7	184.2	394.3	1,326.5	260.3	164.4	111.3	100.4	569.2	442.6
Northern Mindanao	174.4	252.5	323.3	201.1	215.4	197.3	319.8	401.3	315.8	321.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	41.8	90.7	95.4	79.4	70.7	63.8	78.1	121.8	165.2	178.8
Misamis Occidental	86.3	100.4	99.4	83.9	62.3	63.3	54.0	70.0	95.7	97.2
Misamis Oriental	46.3	61.4	128.5	37.8	82.3	70.2	187.7	209.5	55.0	45.5
Davao Region	238.0	139.0	103.9	90.5	31.3	23.5	29.6	76.5	168.2	235.2
Davao del Norte	57.4	26.7	27.5	27.8	4.3	3.2	3.1	23.5	10.5	11.1
Davao del Sur	..	0.7	..	..	1.4	..	..	..	149.7	222.7
Davao City	73.2	66.7	34.9	24.9	25.6	6.9	..	28.5	4.9	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	107.4	44.9	41.5	37.7	..	13.4	26.4	24.6	3.1	1.4
SOCCSKSARGEN	97.2	135.3	127.3	164.6	234.7	218.1	220.9	139.0	80.8	82.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	13.3	16.7	19.4	21.4	17.4	15.1	23.8	20.5	10.0	..
South Cotabato	83.9	118.6	107.9	143.2	217.3	203.0	197.2	118.6	70.8	82.6
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	131.3	188.2	213.8	142.9	114.3	122.2	94.4	93.8	66.7	28.9
Agusan del Norte	7.6	1.4	1.2	12.7	9.5	4.6	5.8	3.4	3.9	3.6
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	123.7	186.8	212.6	130.2	104.8	117.7	88.6	90.4	62.9	25.3
ARMM	87.4	230.3	312.5	215.4	150.8	155.2	139.6	129.2	132.4	116.9
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	22.8	10.2	10.4	6.0	6.8	..	..	..	..	..
Sulu	30.7	14.7	16.4	15.9	7.1	6.7	6.7	6.5	5.6	5.4
Tawi-tawi	34.0	205.4	285.7	193.4	137.0	148.5	132.9	122.7	126.8	111.5

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Anchovies (Dilis)										
Philippines	**45,814.6**	**55,531.1**	**52,604.8**	**48,827.0**	**44,014.8**	**44,744.8**	**47,694.8**	**43,392.8**	**37,240.3**	**33,536.2**
NCR	207.3	177.7	231.0	208.5	71.7	106.6	212.7	360.7	402.6	542.0
Metro Manila	207.3	177.7	231.0	208.5	71.7	106.6	212.7	360.7	402.6	542.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	883.3	1,027.8	456.7	350.5	217.6	409.2	705.9	440.9	379.1	408.6
Ilocos Norte	155.8	256.2	206.7	116.8	145.8	334.2	543.1	249.1	229.2	270.7
Ilocos Sur	49.6	582.4	122.7	124.3	61.9	61.2	140.8	169.9	130.9	118.6
La Union	672.4	186.3	125.5	106.5	8.3	10.3	11.0	11.4	8.3	8.3
Pangasinan	5.5	3.0	1.8	3.0	1.5	3.5	11.0	10.6	10.7	10.9
Cagayan Valley	1,955.6	2,958.6	3,006.2	2,676.2	2,376.6	2,802.2	3,145.9	3,131.6	2,645.6	2,321.5
Batanes	..	..	..	4.3	..	..	0.9	4.1	0.4	0.3
Cagayan	1,946.2	2,932.4	2,984.1	2,656.9	2,359.4	2,785.1	3,128.0	3,111.1	2,626.7	2,303.1
Isabela	9.4	26.2	22.2	15.0	17.3	17.2	17.0	16.5	18.5	18.0
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	430.9	1,217.3	557.4	675.0	615.1	594.8	667.2	479.9	608.8	858.1
Aurora	35.8	23.0	24.0	20.1	9.9	8.9	8.9	8.5	6.3	4.1
Bataan	75.2	66.1	77.4	83.4	99.3	99.7	102.7	105.6	244.8	85.8
Bulacan	52.3	23.1	12.4	4.2	0.7	..	..	..	43.4	27.8
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	137.0	145.2	136.6	137.5	125.4	126.6	131.0	115.1	108.5	100.7
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	130.7	959.9	307.0	429.7	379.9	359.5	424.7	250.7	205.9	639.7
CALABARZON	691.5	1,307.2	662.1	293.6	447.9	494.8	386.5	386.0	268.2	285.4
Batangas	153.6	97.8	125.0	102.7	171.8	126.7	71.2	40.9	51.1	31.5
Cavite	23.4	14.3	5.5	6.2	4.9	9.7	8.9	22.0	45.5	149.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	514.6	1,195.1	531.6	184.7	271.2	358.4	306.4	323.1	171.6	104.0
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	7,411.4	8,020.5	6,092.9	5,602.6	5,176.7	4,806.2	5,924.3	5,409.3	4,502.1	4,864.2
Marinduque	146.0	137.5	148.6	166.4	150.3	145.8	134.8	141.3	189.0	177.5
Occidental Mindoro	209.3	208.9	219.8	212.1	215.0	222.1	229.2	235.6	193.5	191.0
Oriental Mindoro	329.9	345.0	359.1	352.8	387.3	398.4	436.8	475.3	402.6	390.5
Palawan	6,338.4	6,774.0	4,710.1	3,827.9	2,861.5	2,983.6	3,212.9	2,619.6	1,792.1	2,271.0
Romblon	387.9	555.2	655.4	1,043.5	1,562.6	1,056.2	1,910.6	1,937.5	1,924.9	1,834.3
Bicol Region	6,649.8	8,852.6	11,786.7	11,730.5	12,754.9	13,596.2	13,808.0	11,928.0	10,125.5	8,204.3
Albay	693.0	918.6	948.2	898.6	838.7	910.8	961.7	872.3	849.0	882.7
Camarines Norte	1,286.5	1,134.6	1,181.1	1,179.5	1,480.0	1,614.0	1,644.4	641.4	583.6	547.3
Camarines Sur	1,012.5	3,444.5	6,195.6	6,347.8	6,376.1	6,245.6	6,117.7	5,955.6	4,864.1	3,380.8
Catanduanes	305.3	271.2	292.5	322.0	319.1	341.2	308.3	265.5	210.3	197.5
Masbate	3,057.3	2,823.7	2,931.0	2,767.6	3,353.9	3,945.6	4,249.5	3,632.7	3,163.5	2,815.5
Sorsogon	295.1	260.1	238.4	214.9	387.1	539.1	526.6	560.6	455.0	380.5
Western Visayas	6,925.2	9,876.3	10,017.0	9,397.9	6,866.8	6,981.8	7,148.1	6,515.4	4,812.4	4,058.2
Aklan	446.9	376.4	443.2	395.2	386.2	389.6	447.2	517.5	501.0	483.2
Antique	70.8	85.5	81.1	50.3	143.1	295.0	310.9	240.1	218.9	226.1
Capiz	522.1	4,032.0	4,606.3	4,265.7	3,591.9	3,265.6	3,461.2	3,092.9	2,045.4	1,112.6
Guimaras	297.9	282.3	220.3	388.5	367.5	202.7	182.6	273.2	546.7	489.4
Iloilo	3,292.2	3,783.8	3,371.9	3,094.2	1,751.0	1,912.7	2,049.4	1,726.0	1,078.1	1,159.1
Negros Occidental	2,295.5	1,316.5	1,294.3	1,204.1	627.1	916.1	696.9	665.9	422.3	587.9
Central Visayas	1,498.8	1,762.2	1,850.3	1,719.2	1,425.6	1,430.9	1,979.2	1,986.4	2,041.0	1,747.7
Bohol	940.0	1,117.8	1,132.1	978.6	857.7	868.4	1,664.1	1,605.2	1,580.8	1,143.1
Cebu	400.3	474.9	560.9	569.9	415.9	413.3	171.6	208.0	278.1	357.1
Negros Oriental	119.6	109.1	95.1	96.1	94.1	96.5	92.3	123.5	132.6	202.7
Siquijor	38.9	60.5	62.3	74.6	57.9	52.7	51.2	49.6	49.5	44.8
Eastern Visayas	2,243.1	5,548.1	4,408.3	4,373.4	3,488.0	2,698.0	2,456.5	2,548.8	2,269.0	2,150.6
Biliran	501.3	266.0	194.0	207.6	202.0	363.5	445.0	414.8	206.9	69.2
Eastern Samar	372.2	404.6	116.8	92.1	28.8	14.9	1.6	3.6	12.9	33.5
Leyte	718.7	2,901.7	2,514.0	2,637.8	1,887.6	816.2	748.7	788.1	562.6	290.0
Northern Samar	278.4	1,051.2	599.1	615.8	662.0	698.8	720.8	745.5	802.0	731.6
Southern Leyte	195.2	153.5	160.5	227.1	157.8	266.6	293.7	304.3	258.0	233.3
Samar	177.3	771.2	823.9	593.0	549.7	538.0	246.7	292.5	426.6	793.1
Zamboanga Peninsula	2,618.2	2,243.7	3,769.7	3,312.9	2,195.4	2,978.3	3,519.9	3,077.2	3,035.6	1,925.0
Zamboanga del Norte	895.6	779.1	1,207.8	1,127.5	335.5	792.2	1,342.8	753.4	738.3	461.6
Zamboanga del Sur	489.2	652.6	410.5	424.1	426.3	443.7	471.4	500.0	462.2	411.6
Zamboanga City	114.7	46.6	172.2	147.5	144.0	185.4	299.9	294.0	196.5	158.3
Zamboanga Sibugay	1,118.7	765.4	1,979.2	1,613.7	1,289.6	1,557.1	1,405.8	1,529.9	1,638.7	893.5
Northern Mindanao	2,099.5	1,297.9	1,137.9	912.6	1,083.5	1,235.4	1,612.4	1,284.5	1,458.1	1,371.8
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	66.7	47.0	40.7	30.4	32.5	38.9	39.6	53.0	135.1	80.9
Lanao del Norte	878.3	755.0	412.3	439.4	276.1	391.6	338.4	400.9	393.6	366.7
Misamis Occidental	865.5	367.3	461.6	317.2	651.2	619.0	566.2	581.7	601.0	652.6
Misamis Oriental	289.1	128.6	223.3	125.6	123.6	185.9	668.2	248.9	328.5	271.6
Davao Region	1,340.9	2,922.4	1,477.7	1,074.8	1,295.3	1,263.7	1,301.6	1,664.9	1,041.2	838.8
Davao del Norte	136.7	78.7	47.6	20.3	64.2	62.3	39.6	20.6	23.6	38.8
Davao del Sur	724.4	833.0	354.7	302.4	527.2	772.1	504.0	434.4	443.2	208.1
Davao City	7.7	6.7	5.0	3.5	19.4	18.7	23.7	13.8	30.5	6.0
Davao Oriental	392.7	1,936.1	1,005.2	681.7	602.1	299.8	601.6	1,089.4	449.1	537.9
Compostela Valley	79.4	67.9	65.2	66.9	82.4	110.9	132.8	106.6	94.9	48.0
SOCCSKSARGEN	2,627.7	947.6	562.2	746.9	948.0	675.0	853.8	320.5	217.4	395.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	2,169.3	842.4	431.9	612.6	796.0	557.9	719.6	261.4	76.8	47.2
South Cotabato	419.8	65.5	91.1	93.0	115.2	84.7	115.0	28.8	109.3	322.4
Sultan Kudarat	38.6	39.7	39.2	41.3	36.8	32.4	19.2	30.3	31.3	25.8
Caraga	6,256.8	5,519.1	4,614.1	3,658.4	2,963.2	1,889.5	1,460.0	1,538.4	1,287.2	1,298.3
Agusan del Norte	38.3	10.7	31.6	49.9	26.4	11.6	12.9	10.0	12.6	16.1
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	177.8	185.0
Surigao del Norte	5,343.3	4,748.0	4,303.0	3,394.4	2,763.9	1,682.9	1,338.3	1,309.8	810.1	684.4
Surigao del Sur	875.2	760.4	279.5	214.1	173.0	195.0	108.9	218.7	286.7	412.9
ARMM	1,974.6	1,852.2	1,974.4	2,094.0	2,088.7	2,782.2	2,513.0	2,320.4	2,146.6	2,266.4
Basilan	172.3	182.0	177.4	183.9	185.5	172.3	173.9	184.7	53.3	100.5
Lanao del Sur	843.5	850.7	866.8	858.4	858.7	1,554.1	1,309.9	1,118.8	1,093.9	1,107.6
Maguindanao	170.2	226.2	303.2	419.7	439.0	436.7	440.2	444.5	474.9	544.5
Sulu	681.1	507.9	487.8	482.8	472.0	457.2	445.5	417.9	372.0	353.7
Tawi-tawi	107.6	85.5	139.2	149.1	133.6	161.9	143.5	154.5	152.5	160.2

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Big-eyed scad (Matangbaka)										
Philippines	**58,576.5**	**67,402.4**	**76,879.4**	**76,516.8**	**72,058.9**	**69,944.3**	**71,551.8**	**73,752.9**	**66,586.7**	**67,430.3**
NCR	0.6	1.6	3.8	39.2	1.5	3.4	2.2	9.2	68.5	222.5
Metro Manila	0.6	1.6	3.8	39.2	1.5	3.4	2.2	9.2	68.5	222.5
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	774.2	788.1	682.6	735.2	1,312.1	920.9	727.5	493.8	325.7	341.4
Ilocos Norte	467.9	561.8	529.6	553.0	682.0	646.8	461.4	243.1	192.7	204.7
Ilocos Sur	49.9	48.6	85.3	72.3	117.6	90.8	54.2	48.5	40.4	22.8
La Union	221.2	172.3	45.0	52.4	428.8	148.4	165.7	150.4	48.1	67.0
Pangasinan	35.2	5.5	22.8	57.6	83.6	34.9	46.2	51.8	44.5	47.0
Cagayan Valley	718.2	728.6	640.9	630.3	403.9	352.7	422.0	404.9	458.9	405.9
Batanes	..	..	..	..	..	..	..	2.9	2.3	2.5
Cagayan	675.1	683.7	600.0	592.2	365.2	315.4	373.7	356.0	405.3	354.3
Isabela	43.2	44.9	41.0	38.1	38.7	37.4	48.3	46.0	51.2	49.1
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	432.9	408.4	560.5	466.7	461.7	472.2	496.3	464.0	433.9	785.1
Aurora	86.1	88.0	101.2	98.6	109.0	112.9	117.7	119.7	109.0	101.0
Bataan	255.7	195.5	197.4	179.8	193.2	194.1	200.6	204.3	157.5	324.6
Bulacan	..	..	..	..	..	..	..	..	..	7.4
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	42.9	61.5	67.1	67.9	76.0	85.9	91.3	89.4	102.5	106.7
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	48.2	63.4	194.8	120.4	83.5	79.3	86.8	50.7	64.9	245.6
CALABARZON	1,280.4	1,116.5	1,332.6	915.2	1,074.7	1,136.2	1,200.5	999.1	668.8	738.4
Batangas	597.6	584.8	824.4	695.2	597.4	566.2	507.5	511.0	490.9	464.5
Cavite	2.7	12.7	1.1	0.4	4.1	..	17.1	24.0	46.2	107.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	680.1	519.0	507.1	219.6	473.2	570.0	676.0	464.2	131.7	166.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	12,739.6	12,648.6	14,236.2	11,455.6	9,784.7	9,174.9	9,250.9	10,115.1	8,399.7	6,545.4
Marinduque	102.8	111.1	111.8	89.3	87.4	91.7	81.1	84.1	93.5	104.1
Occidental Mindoro	221.3	222.8	216.2	206.1	210.2	209.5	217.8	224.1	220.3	213.0
Oriental Mindoro	278.5	276.9	264.2	254.1	252.8	283.3	280.7	236.4	238.7	233.5
Palawan	11,790.7	11,674.0	13,220.0	10,392.4	8,640.8	7,815.0	7,936.1	8,903.6	7,194.9	5,543.3
Romblon	346.3	363.9	424.1	513.8	593.5	775.5	735.2	666.8	652.3	451.6
Bicol Region	3,286.7	3,243.6	3,840.6	3,879.5	3,662.3	4,842.3	5,153.1	6,113.0	6,424.0	6,663.2
Albay	181.6	136.0	335.7	441.7	482.2	510.1	529.4	479.7	477.5	540.0
Camarines Norte	1,511.1	1,359.5	1,507.4	1,471.3	901.4	1,076.7	1,077.3	2,360.4	2,111.1	1,364.6
Camarines Sur	442.2	612.8	702.1	709.5	787.6	807.1	812.9	775.6	734.3	649.6
Catanduanes	346.6	468.3	466.4	465.7	357.7	344.9	292.6	251.9	223.4	205.1
Masbate	548.7	548.4	779.6	751.5	899.2	1,659.9	2,019.9	1,957.4	2,611.2	3,692.1
Sorsogon	256.5	118.6	49.5	39.7	234.2	443.5	421.1	287.9	266.6	211.8
Western Visayas	3,231.2	3,519.7	4,516.5	4,161.8	4,775.3	4,194.7	3,982.0	3,196.4	2,820.5	2,101.2
Aklan	207.0	219.9	306.5	347.0	390.5	400.0	431.9	473.6	465.0	430.5
Antique	405.6	475.3	1,105.3	997.5	887.8	927.5	911.8	894.3	884.4	807.5
Capiz	618.0	347.5	240.4	254.8	405.3	450.3	415.9	450.9	584.2	344.1
Guimaras	150.4	124.2	123.1	81.6	80.2	137.0	107.8	28.4	41.2	57.7
Iloilo	1,781.5	1,550.3	1,872.4	1,569.5	2,766.1	2,037.2	1,568.0	1,118.2	297.0	207.3
Negros Occidental	68.7	802.6	868.8	911.5	245.4	242.8	546.6	231.0	548.8	254.2
Central Visayas	2,144.9	2,853.3	3,048.3	2,660.8	2,799.2	2,856.0	3,032.4	2,869.2	3,972.0	4,519.5
Bohol	48.8	167.0	264.8	174.6	541.3	525.8	412.7	319.1	758.0	826.3
Cebu	1,484.2	1,954.7	2,064.4	1,739.5	1,536.1	1,698.8	2,040.8	2,034.7	2,620.9	3,100.3
Negros Oriental	464.7	578.9	561.2	571.7	528.6	439.0	401.5	353.6	417.7	432.3
Siquijor	147.3	152.8	157.9	174.9	193.3	192.4	177.5	161.9	175.4	160.5
Eastern Visayas	1,886.3	3,694.7	4,286.6	4,927.1	4,584.4	3,954.4	3,863.9	4,064.4	3,631.0	2,936.6
Biliran	107.7	42.4	153.0	112.7	105.3	119.8	122.6	115.7	112.1	214.4
Eastern Samar	326.6	102.8	166.3	155.2	116.2	114.4	145.9	135.6	321.5	440.8
Leyte	546.8	2,052.3	2,259.0	2,241.1	1,917.5	870.2	1,094.1	1,193.3	877.9	306.0
Northern Samar	429.1	403.8	556.6	670.3	777.9	794.8	822.7	867.1	842.4	823.5
Southern Leyte	164.8	346.3	487.7	562.7	526.6	873.7	619.8	592.7	447.1	304.1
Samar	311.3	747.2	663.9	1,185.1	1,141.0	1,181.4	1,058.6	1,160.0	1,030.1	847.9
Zamboanga Peninsula	8,954.2	15,648.2	19,900.5	23,139.9	21,408.1	20,645.7	22,731.1	24,020.8	21,780.2	23,171.2
Zamboanga del Norte	2,944.7	2,857.5	3,286.7	4,190.2	3,496.7	3,947.2	5,058.8	6,258.7	6,640.2	8,387.5
Zamboanga del Sur	1,996.5	2,422.3	3,844.6	3,484.6	2,798.0	2,656.9	2,780.5	2,946.2	2,839.7	2,709.5
Zamboanga City	3,434.7	9,213.6	11,518.5	13,698.1	13,640.8	12,768.2	13,777.7	13,648.2	11,506.4	10,959.5
Zamboanga Sibugay	578.2	1,154.8	1,250.7	1,767.0	1,472.6	1,273.4	1,114.1	1,167.7	793.9	1,114.7
Northern Mindanao	3,654.0	2,227.6	2,311.2	2,607.5	1,867.7	2,122.2	2,006.6	1,912.5	2,014.0	2,299.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	98.0	106.1	89.4	117.9	75.4	113.4	116.7	63.6	83.0	141.8
Lanao del Norte	447.4	553.4	623.5	672.0	637.9	503.3	536.9	628.4	647.2	696.2
Misamis Occidental	3,041.1	1,450.8	1,382.5	1,523.5	817.7	891.0	908.3	770.7	781.4	787.5
Misamis Oriental	67.6	117.3	215.8	294.0	336.7	614.5	444.7	449.8	502.4	673.7
Davao Region	1,849.9	1,498.1	3,056.3	2,984.8	3,102.9	1,747.6	1,284.1	1,561.0	2,170.1	3,391.0
Davao del Norte	240.2	126.0	79.0	88.7	86.8	73.3	44.2	86.7	136.3	86.7
Davao del Sur	261.9	133.1	1,442.1	1,082.5	1,283.3	652.6	507.5	717.6	660.5	1,375.4
Davao City	133.0	211.1	236.4	253.4	213.0	232.9	200.2	180.1	61.7	93.9
Davao Oriental	856.4	606.0	830.2	1,231.9	1,321.7	613.7	411.2	460.0	1,205.6	1,759.7
Compostela Valley	358.4	422.0	468.6	328.5	198.1	175.2	121.0	116.5	106.0	75.3
SOCCSKSARGEN	1,624.4	2,274.4	2,466.1	2,618.9	2,605.1	2,560.8	2,679.1	2,189.1	1,648.0	1,279.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	624.1	1,189.5	1,381.6	1,457.7	1,455.0	1,481.1	1,607.2	1,255.6	793.3	436.9
South Cotabato	66.7	113.2	107.9	161.9	161.1	188.4	176.3	109.1	117.5	79.0
Sultan Kudarat	933.6	971.7	976.6	999.3	988.9	891.4	895.6	824.5	737.2	764.0
Caraga	6,960.5	6,742.9	5,263.4	4,316.0	3,195.9	3,002.7	2,383.6	2,240.4	1,967.9	2,173.5
Agusan del Norte	29.1	101.9	132.4	97.6	69.5	50.6	70.6	69.5	67.9	57.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	239.8	216.3
Surigao del Norte	6,649.3	6,321.6	4,943.9	3,986.8	2,876.9	2,676.4	1,941.9	1,832.5	1,316.4	1,250.5
Surigao del Sur	282.1	319.3	187.1	231.7	249.5	275.8	371.1	338.3	343.9	649.2
ARMM	9,038.6	10,008.3	10,733.3	10,978.3	11,019.5	11,957.5	12,336.5	13,100.0	9,803.5	9,856.5
Basilan	2,744.6	2,956.6	3,180.0	3,343.1	3,262.5	3,607.9	3,657.1	3,848.5	1,014.7	1,118.8
Lanao del Sur	1,664.9	1,675.5	1,746.8	1,723.3	1,715.2	1,806.4	1,794.6	1,715.0	1,133.7	1,148.5
Maguindanao	723.4	658.6	670.3	695.5	736.1	745.0	751.6	756.7	722.2	745.3
Sulu	3,097.2	4,059.4	4,236.2	4,241.4	4,401.0	4,601.6	4,881.5	5,164.0	5,248.6	5,136.4
Tawi-tawi	808.6	658.2	900.0	975.0	904.8	1,196.6	1,251.8	1,615.8	1,684.3	1,707.4

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Bigeye tuna (Tambakol/Bariles)										
Philippines	**17,966.6**	**2,034.2**	**3,070.4**	**3,590.6**	**4,568.2**	**4,961.9**	**4,972.8**	**5,614.5**	**7,505.5**	**8,665.6**
NCR	..	..	..	..	..	8.9	8.6	6.3	152.7	82.9
Metro Manila	..	..	..	..	..	8.9	8.6	6.3	152.7	82.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	605.5	294.1	482.3	463.9	78.4	32.7	40.4	161.7	195.1	237.5
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	0.3	0.8	1.7	5.4	6.7	1.4	1.3	9.2	8.0	29.2
La Union	418.9	56.0	67.6	53.5	9.6	7.9	8.2	..	5.4	..
Pangasinan	186.3	237.3	413.0	405.1	62.0	23.4	30.9	152.5	181.8	208.3
Cagayan Valley	222.4	25.5	23.7	22.0	27.1	25.3	19.8	29.1	38.0	47.3
Batanes	1.3	0.2	0.5	0.6	2.9	1.9	0.2	..	..	..
Cagayan	210.8	23.9	21.8	20.6	23.3	22.5	18.6	28.2	37.2	46.4
Isabela	10.3	1.4	1.4	0.8	0.9	0.9	1.0	0.9	0.9	0.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	511.9	..	53.9	96.4	171.1	156.5	168.2	131.6	144.3	418.3
Aurora	56.2	..	..	..	..	..	..	..	..	..
Bataan	24.2	..	14.7	4.2	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	0.1	0.5
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	431.4	..	39.2	92.2	171.1	156.5	168.2	131.6	144.2	417.8
CALABARZON	640.4	35.6	15.8	3.2	5.8	1.5	5.2	44.9	18.7	180.4
Batangas	..	16.1	..	..	..	..	0.3	..	..	49.1
Cavite	0.8	0.0	..	..	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	639.5	19.5	15.8	3.2	5.8	1.5	4.9	44.9	18.7	131.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	5,134.5	475.5	817.6	750.6	506.9	615.1	672.2	682.1	988.0	1,059.1
Marinduque	..	..	..	..	..	..	..	..	58.1	39.2
Occidental Mindoro	247.0	14.2	17.9	79.7	32.7	33.5	35.4	34.4	39.4	60.5
Oriental Mindoro	..	..	..	..	..	..	..	..	4.2	3.4
Palawan	4,633.5	446.6	671.8	550.8	387.4	493.4	558.5	590.3	799.6	885.3
Romblon	254.0	14.7	127.8	120.1	86.8	88.2	78.4	57.4	86.6	70.8
Bicol Region	414.9	131.3	237.1	471.6	639.6	994.0	1,189.6	1,698.6	1,718.1	1,973.9
Albay	201.6	28.2	54.9	181.1	244.3	305.5	315.8	285.7	281.9	335.0
Camarines Norte	40.3	24.7	44.8	31.2	23.3	26.7	26.9	448.4	627.5	620.6
Camarines Sur	10.1	38.1	29.3	28.2	21.5	18.5	20.6	17.1	65.9	314.3
Catanduanes	26.6	14.4	65.7	146.8	203.3	304.8	290.4	260.8	222.4	233.8
Masbate	35.8	10.1	30.3	32.9	80.0	253.6	462.5	452.5	468.2	393.6
Sorsogon	100.5	16.0	12.1	51.5	67.3	84.9	73.3	234.0	52.2	76.7
Western Visayas	1,702.6	218.8	219.0	274.8	798.5	808.8	852.0	679.0	830.6	683.5
Aklan	94.9	14.5	25.2	33.6	32.6	34.0	39.6	61.0	79.9	84.7
Antique	29.1	71.3	156.0	147.5	117.5	128.4	132.8	143.6	106.8	139.1
Capiz	52.7	2.3	0.7	2.6	0.9	..	..	..	..	..
Guimaras	6.0	0.7	1.6	1.4	1.1	3.3	3.5	4.4	1.0	1.3
Iloilo	1,459.1	106.5	21.2	19.5	616.5	615.9	609.8	371.0	289.8	125.2
Negros Occidental	60.9	23.6	14.4	70.2	29.8	27.2	66.4	99.0	353.1	333.2
Central Visayas	132.9	7.7	1.5	1.1	0.4	..	..	..	34.7	14.8
Bohol	11.3	1.2	0.6	..	..	..	..	..	..	..
Cebu	18.0	2.1	..	..	..	..	..	..	..	..
Negros Oriental	58.3	3.5	0.9	1.1	0.4	..	..	..	34.7	14.8
Siquijor	45.3	0.9	..	..	..	..	..	..	..	..
Eastern Visayas	1,921.6	208.8	287.6	459.6	1,031.1	891.8	741.8	625.1	1,564.6	1,928.3
Biliran	9.2	1.9	7.7	3.9	5.8	5.1	1.6	1.0	..	..
Eastern Samar	570.5	191.6	181.9	302.2	660.4	600.8	493.7	447.3	1,320.5	1,771.1
Leyte	490.3	2.2	11.7	9.0	112.3	91.0	88.2	19.5	55.9	16.7
Northern Samar	641.4	5.9	62.8	96.8	132.5	107.9	70.8	67.5	60.3	62.3
Southern Leyte	105.7	5.1	23.4	47.6	119.5	86.9	87.5	89.9	21.7	0.8
Samar	104.5	2.2	0.1	..	0.7	..	..	..	106.2	77.4
Zamboanga Peninsula	3,847.5	260.8	311.8	388.4	570.7	624.5	467.1	414.6	518.6	385.0
Zamboanga del Norte	1,415.2	118.3	49.5	24.8	17.0	16.6	4.8	5.6	5.7	4.7
Zamboanga del Sur	1,632.7	106.1	210.8	259.0	332.7	424.9	444.2	399.6	391.2	372.8
Zamboanga City	793.4	36.5	15.6	14.2	20.6	14.3	9.3	9.5	12.8	7.4
Zamboanga Sibugay	6.2	..	35.8	90.4	200.4	168.7	8.9	..	108.9	..
Northern Mindanao	379.6	63.9	52.5	106.4	121.3	174.2	145.5	171.0	233.1	236.8
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	23.0	7.4	8.8	5.0	4.3	..	..	..	..	..
Lanao del Norte	125.2	23.1	12.9	4.9	47.8	102.0	94.6	125.9	170.6	178.2
Misamis Occidental	154.2	18.3	18.3	61.2	15.1	18.0	19.3	18.8	21.0	18.8
Misamis Oriental	77.2	15.0	12.5	35.4	54.1	54.3	31.6	26.3	41.5	39.8
Davao Region	..	0.2	..	..	43.6	31.8	5.6	70.8	32.1	4.1
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	1.8	..	..	23.9	2.3	4.1
Davao Oriental	..	0.2	..	..	41.8	31.8	5.6	46.9	29.8	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	333.0	49.4	60.1	49.2	26.2	45.0	82.7	46.4	61.6	99.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	35.1	35.6	44.8	32.4	10.3	29.1	63.4	26.7	31.2	40.0
South Cotabato	..	..	..	..	..	..	..	..	1.9	28.5
Sultan Kudarat	297.9	13.8	15.3	16.9	15.9	15.9	19.4	19.7	28.5	30.8
Caraga	1,157.0	119.8	207.7	175.5	192.9	139.2	111.3	154.6	177.7	270.5
Agusan del Norte	637.3	27.2	24.2	15.3	19.5	13.2	18.6	13.7	12.9	19.8
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	17.9	24.0
Surigao del Norte	426.1	71.4	156.4	152.7	164.8	114.5	90.5	136.2	123.0	94.1
Surigao del Sur	93.7	21.1	27.2	7.5	8.6	11.5	2.2	4.7	23.9	132.6
ARMM	962.9	142.9	300.0	327.8	354.6	412.8	462.8	698.7	797.5	1,044.0
Basilan	15.3	10.3	10.1	9.4	4.5	1.6	1.6	1.5	11.0	206.5
Lanao del Sur	..	..	..	..	..	..	..	172.2	201.7	198.6
Maguindanao	84.6	14.2	160.1	178.7	186.0	187.7	191.8	211.7	219.6	247.4
Sulu	455.5	31.5	32.7	31.4	29.5	26.7	25.8	24.5	20.9	19.8
Tawi-tawi	407.5	86.9	97.2	108.4	134.7	196.8	243.6	288.8	344.3	371.7

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Blue crab (Alimasag)										
Philippines	**31,509.1**	**28,271.6**	**28,170.0**	**27,923.2**	**24,962.6**	**25,106.8**	**26,075.0**	**25,126.2**	**27,218.3**	**29,431.9**
NCR	173.2	187.8	270.7	422.9	476.3	424.8	540.1	394.8	370.9	172.3
Metro Manila	173.2	187.8	270.7	422.9	476.3	424.8	540.1	394.8	370.9	172.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	95.8	68.8	117.0	198.6	105.0	117.1	126.3	127.7	146.4	176.0
Ilocos Norte	..	..	..	..	..	..	..	0.7	19.8	22.8
Ilocos Sur	1.5	1.2	2.0	3.1	12.1	14.6	12.2	13.3	7.5	5.0
La Union	47.2	29.0	25.6	32.6	86.0	65.4	66.0	65.8	64.6	75.1
Pangasinan	47.0	38.6	89.4	163.0	6.9	37.1	48.2	47.9	54.6	73.1
Cagayan Valley	132.9	85.5	99.7	109.2	93.0	84.4	90.6	64.8	46.8	38.5
Batanes	..	..	..	..	..	..	0.4	0.2	..	..
Cagayan	129.2	79.4	93.8	103.5	85.9	77.4	82.9	57.5	39.7	31.6
Isabela	3.7	6.1	5.9	5.7	7.1	7.0	7.3	7.1	7.1	6.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,191.9	1,205.1	1,161.4	1,178.7	1,072.7	1,092.3	1,119.7	1,066.4	1,456.9	2,096.1
Aurora	29.6	21.8	27.9	22.8	15.0	14.1	14.3	14.1	10.6	7.5
Bataan	737.4	746.8	769.7	821.3	790.1	809.9	823.3	778.8	1,228.0	1,887.9
Bulacan	255.9	262.3	210.7	188.5	119.0	122.5	134.9	145.7	80.2	44.0
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	147.1	159.1	141.0	135.1	125.2	132.5	132.3	114.3	119.1	128.4
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	22.0	15.2	12.1	11.1	23.6	13.4	14.9	13.4	19.1	28.4
CALABARZON	572.6	828.3	1,331.8	1,912.8	1,510.4	1,628.3	1,705.3	1,587.3	1,657.1	2,361.9
Batangas	60.3	72.6	110.0	83.6	32.8	21.3	17.1	25.9	27.6	32.1
Cavite	156.6	70.3	112.9	118.4	155.4	157.1	277.8	262.1	303.9	316.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	355.6	685.4	1,109.0	1,710.8	1,322.2	1,450.0	1,410.4	1,299.3	1,325.7	2,013.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	4,596.5	3,915.3	3,321.8	3,358.2	3,569.8	3,630.9	4,759.5	3,810.2	2,783.2	2,926.1
Marinduque	40.1	37.6	44.4	47.9	47.0	55.9	48.5	51.5	51.5	56.3
Occidental Mindoro	132.2	126.8	134.6	135.2	136.0	146.2	158.4	163.9	152.7	128.0
Oriental Mindoro	43.4	41.2	42.2	40.5	39.1	37.6	34.0	29.9	23.1	24.5
Palawan	4,353.3	3,671.2	3,077.5	3,103.5	3,326.5	3,369.9	4,493.5	3,538.4	2,539.1	2,704.3
Romblon	27.6	38.6	23.1	31.1	21.2	21.3	25.1	26.5	16.8	13.0
Bicol Region	4,671.0	4,072.6	5,210.1	4,784.2	4,080.1	4,810.9	4,988.5	5,540.0	5,734.9	5,989.4
Albay	98.4	82.0	149.0	174.2	267.1	296.4	311.2	279.6	301.8	288.6
Camarines Norte	587.5	405.3	509.6	478.1	528.1	628.6	675.9	617.7	444.0	426.0
Camarines Sur	1,301.7	658.1	1,377.1	1,163.0	1,166.2	1,160.4	1,152.2	1,097.9	906.8	765.3
Catanduanes	212.1	222.8	195.3	163.9	128.4	133.5	108.2	89.3	68.8	54.1
Masbate	2,156.2	2,216.6	2,357.2	2,078.8	1,351.9	1,258.4	1,348.5	1,105.0	1,208.8	1,771.3
Sorsogon	315.1	487.7	622.0	726.2	638.5	1,333.5	1,392.6	2,350.5	2,804.7	2,684.1
Western Visayas	10,026.3	9,993.8	9,382.6	8,928.3	8,139.7	7,873.5	7,448.2	7,287.0	8,692.0	10,062.3
Aklan	220.1	212.6	192.7	196.5	166.9	149.8	183.0	209.4	201.5	194.3
Antique	71.2	58.9	47.2	41.5	27.9	30.6	32.9	31.7	26.4	21.4
Capiz	997.2	1,473.6	2,051.1	1,722.2	1,846.7	1,719.3	1,609.0	1,479.2	1,557.2	1,567.3
Guimaras	233.8	237.8	250.5	219.2	129.6	110.2	115.9	168.9	161.6	132.7
Iloilo	4,762.6	6,592.0	6,566.7	6,500.1	2,160.8	1,644.8	1,810.4	1,743.5	4,111.0	4,981.0
Negros Occidental	3,741.5	1,419.0	274.4	248.9	3,807.8	4,218.8	3,697.0	3,654.3	2,634.3	3,165.6
Central Visayas	1,557.2	1,599.1	1,427.6	1,420.5	1,187.4	979.5	847.3	729.2	823.3	1,006.9
Bohol	438.6	476.3	553.6	608.1	505.6	508.8	359.7	308.6	299.7	390.4
Cebu	1,049.4	1,019.7	798.6	748.1	624.8	420.4	450.3	387.0	481.7	569.6
Negros Oriental	57.2	92.9	66.1	54.2	45.7	42.0	26.9	23.6	32.8	38.7
Siquijor	12.1	10.1	9.3	10.1	11.2	8.3	10.4	9.9	9.1	8.1
Eastern Visayas	4,904.5	3,628.6	3,314.4	2,981.9	2,456.5	2,158.9	2,174.6	2,220.7	2,356.3	1,604.2
Biliran	10.8	22.8	8.4	13.1	10.0	13.2	16.1	13.2	13.1	46.4
Eastern Samar	420.6	70.1	110.5	111.8	110.2	120.8	148.6	128.3	41.3	37.2
Leyte	356.3	196.0	91.8	113.2	213.0	178.4	241.9	245.0	381.5	88.1
Northern Samar	329.8	301.6	430.9	343.0	355.0	303.0	277.8	250.3	234.0	205.5
Southern Leyte	41.8	21.5	11.8	10.5	8.9	3.2	0.1	..	1.2	1.2
Samar	3,745.3	3,016.6	2,661.1	2,390.4	1,759.4	1,540.4	1,490.2	1,584.0	1,685.2	1,225.9
Zamboanga Peninsula	1,339.7	1,488.1	1,287.3	1,397.0	1,074.8	1,161.3	1,103.0	1,102.7	1,921.2	1,799.0
Zamboanga del Norte	75.3	44.7	35.5	12.9	26.5	17.6	41.0	51.2	42.6	28.4
Zamboanga del Sur	463.3	566.4	545.0	605.9	467.8	496.7	489.1	441.4	404.4	408.6
Zamboanga City	197.9	266.5	362.8	377.3	311.7	315.9	316.6	345.8	370.2	354.9
Zamboanga Sibugay	603.1	610.5	343.9	400.9	268.8	331.1	256.3	264.3	1,104.0	1,007.1
Northern Mindanao	1,050.3	560.1	650.6	552.9	483.3	389.2	420.2	425.6	473.7	440.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	2.0	4.8	7.2	5.3	4.8	4.9	4.4	4.7	7.3	3.8
Lanao del Norte	607.6	280.7	266.1	263.0	267.9	212.0	223.1	252.2	288.8	267.7
Misamis Occidental	436.9	272.3	376.6	283.2	206.3	170.0	176.1	167.0	174.9	166.3
Misamis Oriental	3.8	2.3	0.7	1.5	4.3	2.2	16.6	1.8	2.7	2.3
Davao Region	191.1	83.4	90.8	48.8	107.2	128.5	106.4	91.4	53.9	32.6
Davao del Norte	8.6	16.2	11.5	10.0	8.4	4.9	5.1	12.3	9.1	6.9
Davao del Sur	22.7	0.1	46.2	..	31.2	55.2	44.4	23.7	18.9	13.6
Davao City	8.8	2.3	8.0	5.9	3.5	2.5	2.0	2.2	1.4	..
Davao Oriental	135.7	47.2	5.8	13.7	54.4	56.0	46.3	43.5	14.5	5.2
Compostela Valley	15.3	17.7	19.4	19.2	9.7	9.9	8.6	9.8	10.1	7.0
SOCCSKSARGEN	38.7	39.4	48.7	48.6	48.0	43.9	40.9	39.4	32.0	21.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1.2	4.5	13.7	15.1	17.2	21.7	28.0	26.3	19.3	0.2
South Cotabato	4.5	1.9	1.4	1.9	2.1	2.2	2.2	1.7	5.2	14.3
Sultan Kudarat	33.0	33.1	33.5	31.6	28.7	20.0	10.8	11.4	7.5	6.8
Caraga	346.1	108.3	105.2	137.4	136.5	143.4	168.0	165.1	190.3	231.1
Agusan del Norte	6.0	7.8	7.2	6.7	4.1	4.9	3.3	7.1	7.6	7.6
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	21.0	19.3
Surigao del Norte	133.1	44.3	61.3	90.1	82.8	84.5	98.8	118.2	79.3	101.8
Surigao del Sur	207.0	56.2	36.7	40.5	49.6	54.0	65.9	39.7	82.5	102.4
ARMM	621.3	407.4	350.4	443.4	421.8	440.2	436.5	474.1	479.5	474.2
Basilan	..	..	..	..	..	..	..	..	4.0	8.9
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	65.9	74.7	59.0	60.3	63.5	59.8	56.4	53.7	50.9	34.4
Sulu	163.2	95.0	70.8	69.1	51.8	45.6	43.7	36.5	26.0	23.4
Tawi-tawi	392.2	237.7	220.6	314.0	306.6	334.8	336.5	383.9	398.6	407.5

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Caesio (Dalagang-bukid)										
Philippines	**14,879.4**	**15,046.1**	**17,294.7**	**15,790.0**	**15,457.0**	**15,765.4**	**14,730.5**	**13,371.2**	**13,620.6**	**13,350.1**
NCR	..	1.4	0.0	0.5	13.2	14.0	13.8	0.6	32.8	185.0
Metro Manila	..	1.4	0.0	0.5	13.2	14.0	13.8	0.6	32.8	185.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	13.0	549.5	431.1	155.0	140.2	103.4	128.8	182.0	252.3	254.4
Ilocos Norte	0.5	380.6	290.2	24.2	18.5	16.1	21.2	71.5	99.6	101.6
Ilocos Sur	1.5	91.1	60.0	49.7	69.8	41.9	40.4	50.7	75.3	59.7
La Union	5.0	68.1	61.3	59.9	35.9	36.4	36.7	3.5	6.9	6.6
Pangasinan	6.0	9.6	19.6	21.3	16.0	9.0	30.5	56.3	70.5	86.6
Cagayan Valley	545.4	649.0	698.2	552.6	488.3	499.5	571.9	464.8	469.2	397.3
Batanes	..	..	..	..	4.1	4.8	8.7	9.3	19.8	9.2
Cagayan	536.9	639.8	687.9	543.6	474.2	484.8	547.2	438.9	430.2	370.2
Isabela	8.5	9.2	10.3	9.0	10.1	9.9	16.0	16.6	19.2	17.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	304.0	499.0	2,136.2	1,559.3	1,515.7	1,316.4	906.2	769.2	732.4	569.5
Aurora	51.2	48.6	57.5	56.8	71.2	69.8	74.3	77.4	74.3	71.4
Bataan	7.3	4.8	4.7	8.3	16.4	16.5	15.6	16.3	..	0.1
Bulacan	..	..	..	..	..	..	..	..	10.0	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	138.5	137.1	140.9	130.8	121.3	111.2	114.4	106.3	112.5	116.1
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	107.0	308.6	1,933.1	1,363.4	1,306.8	1,119.0	701.8	569.2	535.6	382.0
CALABARZON	354.5	309.0	256.3	165.1	318.3	253.7	246.1	157.6	232.1	72.9
Batangas	117.5	97.1	155.2	137.4	198.8	174.5	97.3	32.9	26.8	29.0
Cavite	0.9	..	..	..	..	0.2	..	..	..	35.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	236.0	212.0	101.2	27.7	119.6	79.0	148.8	124.7	205.3	8.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	6,047.8	6,303.1	7,086.7	6,890.9	6,448.4	6,428.4	5,815.3	4,797.1	4,802.4	5,066.6
Marinduque	60.1	51.0	46.5	47.4	36.1	52.3	51.8	57.0	70.4	71.2
Occidental Mindoro	156.7	155.6	163.0	156.4	146.7	157.3	166.8	169.8	176.2	171.8
Oriental Mindoro	66.5	69.5	64.6	60.3	58.2	54.0	53.5	41.4	34.0	35.0
Palawan	5,587.8	5,852.5	6,593.5	6,449.7	6,121.7	6,050.5	5,408.6	4,426.5	4,445.2	4,672.7
Romblon	176.7	174.5	219.2	177.1	85.7	114.2	134.8	102.4	76.8	115.9
Bicol Region	1,266.6	1,309.5	1,268.1	1,268.1	1,426.8	1,434.4	1,448.0	1,127.9	1,269.0	971.3
Albay	21.0	11.4	24.1	45.2	132.9	203.2	246.5	240.0	250.2	267.1
Camarines Norte	410.5	526.6	517.9	468.8	539.9	580.5	611.1	278.0	187.3	125.9
Camarines Sur	129.0	96.2	106.4	108.2	105.3	105.2	113.6	105.3	203.4	141.0
Catanduanes	11.8	17.2	28.6	15.8	39.1	45.9	45.5	44.6	43.8	59.0
Masbate	676.9	652.7	589.7	628.2	606.6	491.0	431.3	459.9	584.4	364.0
Sorsogon	17.3	5.4	1.4	2.1	3.0	8.5	..	0.1	..	14.4
Western Visayas	417.9	376.9	383.1	383.6	413.5	514.7	582.3	566.9	481.2	451.6
Aklan	102.9	100.0	104.0	105.0	99.7	106.8	138.6	164.9	158.0	150.2
Antique	188.0	138.9	131.9	121.4	112.1	118.9	142.6	140.7	126.6	109.6
Capiz	29.7	0.2	0.3	0.3	0.4	2.9	0.8	2.8	2.2	11.6
Guimaras	64.4	58.2	65.5	40.0	56.9	135.6	96.0	123.8	140.4	83.1
Iloilo	15.2	70.2	69.8	88.2	78.9	71.7	119.6	38.9	15.5	38.3
Negros Occidental	17.7	9.3	11.8	28.8	65.6	78.9	84.8	95.9	38.6	58.8
Central Visayas	628.8	518.8	533.7	515.8	464.1	477.8	388.5	441.4	842.0	625.5
Bohol	102.7	61.7	69.3	55.4	41.8	28.6	18.0	25.6	75.8	41.7
Cebu	311.7	223.8	333.0	337.0	305.5	324.9	250.4	283.3	604.7	477.4
Negros Oriental	141.8	154.1	65.3	58.6	51.7	56.6	50.7	62.1	88.0	40.4
Siquijor	72.7	79.2	66.1	64.9	65.1	67.7	69.4	70.3	73.4	66.1
Eastern Visayas	1,312.3	815.8	673.3	636.9	662.4	627.5	692.3	734.7	912.1	904.9
Biliran	36.3	18.5	18.1	20.5	7.1	5.9	4.1	3.7	5.9	141.0
Eastern Samar	296.9	81.2	60.2	48.5	10.5	13.0	17.7	15.6	124.8	73.6
Leyte	158.6	108.1	80.3	73.9	196.7	107.3	146.2	121.6	168.8	149.6
Northern Samar	261.2	217.6	251.9	284.4	273.9	229.8	242.1	235.5	235.6	251.9
Southern Leyte	138.3	86.8	74.9	64.1	52.2	53.0	31.3	29.5	23.6	9.3
Samar	421.1	303.7	187.8	145.6	122.1	218.5	251.0	329.0	353.5	279.5
Zamboanga Peninsula	1,294.4	1,305.1	1,312.9	1,462.3	1,533.3	1,686.2	1,457.9	1,477.7	1,093.1	964.2
Zamboanga del Norte	267.9	122.1	5.5	4.8	0.9	3.7	4.3	5.2	5.1	5.0
Zamboanga del Sur	471.4	672.5	725.8	879.0	698.4	726.3	706.9	647.0	592.8	424.8
Zamboanga City	328.0	462.9	506.1	531.0	666.4	749.5	631.1	685.5	434.4	322.3
Zamboanga Sibugay	227.0	47.7	75.6	47.6	167.6	206.8	115.6	140.1	60.9	212.1
Northern Mindanao	350.8	290.3	176.0	177.5	219.5	275.0	274.5	263.4	280.8	356.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	27.9	17.2	25.5	19.3	19.9	36.7	34.3	19.5	27.5	42.8
Lanao del Norte	141.2	234.8	98.9	100.8	153.8	185.9	181.6	173.7	175.5	186.3
Misamis Occidental	176.6	32.6	46.1	47.3	42.3	43.1	46.5	60.2	70.2	115.1
Misamis Oriental	5.2	5.7	5.5	10.1	3.4	9.3	12.2	10.0	7.6	12.1
Davao Region	673.0	421.9	727.8	361.9	235.4	312.1	246.4	234.5	173.8	425.9
Davao del Norte	47.3	23.0	95.0	69.8	42.9	34.5	24.1	16.9	20.3	21.2
Davao del Sur	278.5	215.2	262.9	194.2	42.9	73.3	94.2	55.9	29.0	271.6
Davao City	19.6	19.2	14.4	9.4	6.7	5.9	1.4	3.1	..	..
Davao Oriental	302.6	131.8	322.1	55.8	115.0	172.2	105.0	133.7	115.0	115.3
Compostela Valley	25.0	32.7	33.4	32.7	28.0	26.1	21.8	24.9	9.5	17.8
SOCCSKSARGEN	72.4	121.3	143.6	89.6	84.3	78.2	71.6	69.8	61.5	91.7
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	14.2	59.2	82.4	29.8	25.2	14.7	17.2	8.3	4.3	24.8
South Cotabato	2.2	1.9	1.3	2.1	1.2	3.0	4.5	1.0	0.2	8.0
Sultan Kudarat	56.1	60.1	59.9	57.6	58.0	60.6	49.9	60.5	57.1	58.8
Caraga	674.7	633.6	461.6	544.0	525.7	618.9	699.2	793.4	804.1	782.5
Agusan del Norte	7.6	7.5	6.7	5.7	4.2	4.3	7.4	9.4	10.4	10.1
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	94.6	86.7
Surigao del Norte	634.2	600.9	425.1	521.1	510.6	601.6	668.7	755.2	614.2	575.7
Surigao del Sur	32.9	25.3	29.8	17.2	10.9	13.0	23.1	28.9	84.9	110.0
ARMM	923.9	941.8	1,006.0	1,027.0	968.0	1,125.3	1,187.8	1,290.3	1,181.7	1,230.4
Basilan	16.9	19.3	18.1	17.0	15.2	15.3	16.8	17.2	50.4	98.4
Lanao del Sur	38.7	39.4	39.9	40.9	40.1	182.9	213.5	239.2	81.2	82.0
Maguindanao	96.8	119.6	114.9	61.0	62.9	64.5	61.9	79.5	84.0	71.8
Sulu	51.0	53.1	52.2	52.3	50.9	51.6	54.3	56.6	60.2	58.5
Tawi-tawi	720.5	710.5	780.8	856.0	798.9	810.9	841.3	897.8	905.9	919.6

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cavalla (Talakitok)										
Philippines	**24,583.3**	**22,290.5**	**24,479.9**	**24,887.7**	**25,459.1**	**23,818.3**	**22,283.0**	**23,267.4**	**20,374.0**	**20,374.5**
NCR	23.0	15.3	36.4	22.6	24.8	38.3	30.2	23.2	90.4	171.6
Metro Manila	23.0	15.3	36.4	22.6	24.8	38.3	30.2	23.2	90.4	171.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	299.4	236.5	155.2	186.0	349.8	567.4	750.8	727.6	674.9	680.0
Ilocos Norte	92.6	73.1	46.5	52.8	134.3	225.9	271.7	145.5	141.3	87.4
Ilocos Sur	84.3	57.1	64.4	60.2	28.0	28.5	28.1	31.6	30.9	27.3
La Union	104.0	98.1	25.2	47.5	2.9	2.3	1.8	3.3	8.2	19.0
Pangasinan	18.5	8.3	19.1	25.5	184.5	310.7	449.3	547.2	494.5	546.2
Cagayan Valley	439.5	394.0	399.9	374.3	440.7	445.5	411.0	372.5	391.3	402.7
Batanes	6.8	9.2	8.9	1.7	6.5	7.1	7.0	13.0	11.7	12.0
Cagayan	422.9	370.3	375.0	357.0	412.6	418.3	382.0	338.0	356.6	369.0
Isabela	9.8	14.6	16.0	15.7	21.6	20.1	22.0	21.5	23.0	21.6
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	319.1	287.4	278.7	314.0	311.4	316.6	357.5	323.1	379.9	748.9
Aurora	59.6	64.7	71.1	73.2	98.9	101.8	107.7	111.2	111.0	110.8
Bataan	19.4	21.5	22.6	23.7	24.1	25.8	29.3	30.6	75.8	239.1
Bulacan	5.0	0.4	..	..	..	..	..	..	0.1	0.3
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	28.9	42.9	52.3	55.3	61.1	65.0	70.4	64.5	61.7	47.3
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	206.2	157.9	132.7	161.8	127.3	124.0	150.2	116.9	131.4	351.4
CALABARZON	728.0	724.8	655.5	821.8	977.0	1,149.8	1,281.2	1,005.3	658.3	466.5
Batangas	228.6	125.2	158.2	129.4	88.2	47.6	28.2	123.4	68.9	96.5
Cavite	17.2	30.2	0.5	1.8	..	..	5.0	0.7	..	1.1
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	482.2	569.4	496.8	690.6	888.8	1,102.2	1,248.1	881.2	589.4	368.9
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	11,231.4	8,814.0	9,173.9	9,455.5	8,949.6	6,929.1	5,702.0	6,306.7	4,700.8	4,569.0
Marinduque	68.5	67.1	78.6	79.7	85.1	75.3	73.0	69.4	67.2	64.0
Occidental Mindoro	125.8	122.4	126.2	123.6	125.1	131.7	141.9	144.2	136.9	139.9
Oriental Mindoro	141.6	136.4	141.2	143.9	129.9	122.0	111.5	90.2	80.1	85.8
Palawan	10,739.7	8,356.3	8,699.0	9,001.4	8,522.7	6,508.4	5,274.8	5,905.3	4,344.8	4,166.6
Romblon	155.8	131.8	128.9	106.9	86.7	91.7	100.7	97.7	71.8	112.6
Bicol Region	2,369.8	2,136.8	2,288.7	2,311.7	2,451.5	2,530.9	2,112.0	1,571.1	1,555.9	1,448.8
Albay	99.2	95.3	154.1	207.5	285.6	350.4	111.8	143.4	146.5	187.9
Camarines Norte	696.3	649.7	709.3	680.0	991.6	1,042.9	1,022.0	486.6	505.5	209.9
Camarines Sur	172.4	268.6	294.6	297.3	287.5	275.1	285.3	268.3	254.5	272.2
Catanduanes	1,055.3	920.2	828.8	757.3	591.5	590.6	443.0	346.1	286.1	261.0
Masbate	284.1	174.1	186.5	187.0	144.3	99.6	67.8	63.1	173.5	300.8
Sorsogon	62.6	29.0	115.4	182.4	151.0	172.2	182.3	263.6	189.8	217.0
Western Visayas	2,146.4	2,499.6	2,346.1	2,239.9	2,703.1	2,339.4	2,084.7	2,949.7	2,058.1	1,624.6
Aklan	95.5	90.6	90.0	90.7	97.8	99.9	119.4	152.2	146.4	146.5
Antique	272.3	519.9	587.1	528.2	358.5	329.6	307.0	270.1	243.9	198.8
Capiz	75.3	43.1	31.7	35.7	42.9	48.3	30.5	25.6	32.4	19.3
Guimaras	231.1	247.5	225.2	116.6	132.2	373.0	395.4	708.6	853.4	504.0
Iloilo	224.5	432.0	467.5	611.8	1,591.7	1,051.5	802.6	1,352.0	525.2	324.3
Negros Occidental	1,247.7	1,166.5	944.5	857.0	480.1	437.0	429.8	441.1	256.9	431.7
Central Visayas	187.0	248.9	352.4	350.8	407.0	461.7	450.1	433.8	759.0	859.0
Bohol	32.8	56.2	117.8	116.9	99.1	99.8	48.2	22.8	275.5	322.3
Cebu	25.0	76.5	101.4	87.1	158.2	221.4	264.7	243.1	320.3	376.5
Negros Oriental	78.3	52.0	66.0	61.7	64.5	58.3	56.3	82.6	66.0	75.9
Siquijor	50.9	64.2	67.1	85.1	85.2	82.1	81.0	85.4	97.2	84.3
Eastern Visayas	676.2	1,061.7	1,578.3	1,889.4	1,834.8	1,678.4	1,470.0	1,242.7	1,260.8	1,311.5
Biliran	..	10.1	14.7	1.7	2.8	2.5	1.3	1.2	1.6	20.3
Eastern Samar	228.1	633.3	938.7	967.7	815.5	766.8	667.6	474.6	364.8	146.5
Leyte	135.3	60.1	70.9	89.0	185.8	114.5	117.3	105.2	234.6	235.9
Northern Samar	239.5	246.8	371.3	425.9	485.0	499.8	520.4	512.6	494.7	457.4
Southern Leyte	44.8	68.1	48.7	40.6	33.6	27.5	22.4	27.0	36.6	28.2
Samar	28.6	43.3	134.0	364.6	312.1	267.4	140.9	122.0	128.5	423.3
Zamboanga Peninsula	2,758.3	2,494.1	2,970.7	2,471.9	2,805.7	2,975.2	2,766.2	2,835.5	2,443.5	2,729.4
Zamboanga del Norte	715.9	429.2	294.9	87.2	28.5	44.8	44.7	32.8	35.1	47.4
Zamboanga del Sur	501.7	611.3	784.9	718.0	644.0	699.8	692.0	662.9	622.2	654.6
Zamboanga City	690.1	836.7	732.6	757.0	1,280.0	1,252.6	1,277.4	1,345.9	1,203.2	994.8
Zamboanga Sibugay	850.6	616.9	1,158.2	909.8	853.2	978.1	752.1	793.9	583.0	1,032.6
Northern Mindanao	383.5	477.1	687.6	718.3	850.6	927.5	961.0	1,062.7	1,067.1	1,054.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	2.8	5.4	5.6	9.1	18.9	14.3	19.0	10.4	12.0	9.9
Lanao del Norte	311.0	363.1	524.0	556.4	450.6	484.9	503.6	614.4	649.8	607.7
Misamis Occidental	63.3	104.1	149.2	126.4	359.3	379.1	356.6	350.3	346.0	380.3
Misamis Oriental	6.5	4.5	8.9	26.5	21.8	49.3	81.9	87.6	59.3	56.1
Davao Region	371.7	277.2	694.2	636.7	487.3	286.2	285.9	354.4	311.2	236.6
Davao del Norte	27.5	19.4	61.6	53.0	43.0	41.7	36.7	20.8	33.3	27.4
Davao del Sur	49.3	40.9	285.8	218.1	45.2	18.5	35.8	15.4	39.2	70.4
Davao City	21.3	16.7	19.9	27.2	21.6	21.1	19.0	11.2	15.5	16.2
Davao Oriental	235.1	160.0	287.6	306.1	352.8	178.9	171.0	263.7	183.5	101.7
Compostela Valley	38.5	40.1	39.3	32.2	24.8	26.0	23.4	43.4	39.7	21.0
SOCCSKSARGEN	176.2	181.1	185.3	188.7	156.7	152.1	177.0	150.3	187.2	166.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	45.9	51.3	56.9	56.8	23.9	33.1	51.4	8.7	57.0	30.2
South Cotabato	7.4	3.8	4.0	1.9	3.8	4.1	4.5	4.6	2.0	6.9
Sultan Kudarat	122.9	126.0	124.4	130.0	129.1	115.0	121.1	137.0	128.2	129.8
Caraga	744.0	516.8	551.7	700.3	654.7	839.0	1,056.4	1,198.5	1,096.4	1,082.6
Agusan del Norte	20.2	17.1	13.5	13.2	12.9	9.5	18.8	33.5	31.2	30.4
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	86.9	91.5
Surigao del Norte	495.5	234.2	229.1	409.9	355.1	537.6	606.5	699.0	478.9	470.9
Surigao del Sur	228.3	265.6	309.2	277.2	286.8	291.9	431.1	466.0	499.3	489.7
ARMM	1,730.0	1,925.1	2,125.6	2,205.9	2,054.4	2,181.4	2,387.0	2,710.4	2,739.2	2,822.6
Basilan	135.6	151.6	154.8	153.2	136.9	152.2	163.3	171.3	122.8	219.4
Lanao del Sur	380.1	383.8	396.6	399.2	393.2	432.8	499.2	609.8	622.1	635.9
Maguindanao	386.1	370.5	399.0	392.2	400.3	407.2	405.2	393.8	426.6	375.4
Sulu	134.1	187.7	189.5	193.8	200.1	203.2	216.0	229.2	253.1	252.7
Tawi-tawi	694.1	831.4	985.6	1,067.5	923.8	986.0	1,103.3	1,306.4	1,314.5	1,339.1

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Crevalle (Salay-salay)										
Philippines	**29,727.6**	**29,839.7**	**31,432.6**	**27,173.8**	**27,594.3**	**27,319.6**	**26,054.7**	**24,118.8**	**21,803.3**	**21,135.8**
NCR	29.0	80.5	83.6	31.5	38.9	44.3	47.2	54.5	110.4	327.8
Metro Manila	29.0	80.5	83.6	31.5	38.9	44.3	47.2	54.5	110.4	327.8
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	472.5	397.3	215.3	74.5	11.7	41.5	29.2	47.9	23.2	99.0
Ilocos Norte	..	..	..	..	..	..	..	0.6	0.5	0.5
Ilocos Sur	3.2	1.0	2.1	1.8	0.4	0.6	1.1	1.3	1.1	1.1
La Union	452.2	394.4	210.9	68.7	7.6	12.2	12.4	30.4	6.0	11.9
Pangasinan	17.1	1.9	2.3	4.0	3.7	28.7	15.6	15.7	15.7	85.6
Cagayan Valley	31.9	94.6	118.3	122.1	128.1	177.9	235.6	227.7	247.3	175.1
Batanes	..	..	..	..	..	..	8.3	13.8	11.0	11.1
Cagayan	28.4	87.1	110.8	114.0	116.6	167.2	214.7	201.5	222.7	150.9
Isabela	3.6	7.5	7.5	8.2	11.4	10.7	12.6	12.4	13.7	13.1
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	592.4	448.0	465.2	494.2	498.6	520.1	553.4	545.3	470.0	783.2
Aurora	49.6	50.7	60.0	53.2	42.6	42.5	44.4	43.9	39.5	32.0
Bataan	304.2	287.7	298.6	306.6	310.9	320.9	338.1	331.4	273.3	504.1
Bulacan	0.1	0.2	..	..	..	..	..	..	9.2	1.6
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	55.2	72.7	76.4	81.1	94.9	106.4	115.9	109.3	109.0	108.8
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	183.3	36.8	30.3	53.3	50.2	50.3	55.0	60.8	39.0	136.7
CALABARZON	334.5	464.0	201.8	404.6	336.2	247.8	328.9	399.5	145.0	239.7
Batangas	..	..	..	..	..	..	..	6.5	..	..
Cavite	74.3	131.5	104.1	145.8	64.8	31.1	11.2	50.6	37.8	141.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	260.2	332.6	97.8	258.8	271.4	216.7	317.7	342.4	107.1	97.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	13,234.4	11,941.6	13,541.4	10,238.3	8,472.6	7,676.5	7,567.0	7,100.1	4,878.6	4,813.4
Marinduque	102.9	111.2	105.1	114.4	114.7	138.3	143.0	153.9	109.8	92.2
Occidental Mindoro	108.6	101.7	112.4	111.7	120.6	124.4	135.3	137.0	132.4	118.5
Oriental Mindoro	96.6	108.4	102.7	94.8	96.2	88.4	91.4	27.2	29.0	36.0
Palawan	12,858.6	11,508.3	13,125.1	9,803.5	8,058.5	7,245.9	7,103.2	6,671.1	4,493.2	4,423.9
Romblon	67.7	112.0	96.1	113.9	82.6	79.5	94.0	111.0	114.3	142.8
Bicol Region	6,323.6	6,132.1	6,099.3	6,005.3	7,227.1	6,742.7	6,959.6	5,403.3	5,598.5	5,557.5
Albay	189.6	193.6	365.9	470.6	428.0	417.1	281.7	357.0	373.8	358.5
Camarines Norte	573.5	597.6	692.6	661.3	935.5	964.6	962.2	378.1	365.4	159.2
Camarines Sur	442.2	416.9	255.5	314.0	306.1	251.2	256.3	240.9	219.7	387.3
Catanduanes	79.9	141.2	215.2	229.8	219.6	224.0	222.7	178.1	153.1	145.5
Masbate	4,733.2	4,617.0	4,437.9	4,223.4	5,053.1	4,569.1	4,860.4	3,856.7	3,873.3	4,213.2
Sorsogon	305.2	165.9	132.2	106.1	284.7	316.8	376.3	392.6	613.3	293.8
Western Visayas	3,145.4	2,447.0	2,475.3	2,449.3	3,851.9	4,268.5	3,671.5	3,325.1	3,512.7	2,500.5
Aklan	275.0	232.2	248.7	226.3	228.9	255.0	312.5	358.5	369.0	391.2
Antique	71.1	45.9	41.1	28.8	39.2	36.3	46.5	39.6	41.0	48.6
Capiz	382.2	252.2	321.4	333.6	614.1	743.3	660.9	894.2	1,331.4	742.7
Guimaras	22.8	25.9	25.5	216.2	124.2	53.3	35.4	9.2	24.8	49.1
Iloilo	1,969.0	1,787.3	1,735.1	1,586.8	2,613.7	2,705.9	2,294.9	1,649.6	712.9	575.9
Negros Occidental	425.3	103.5	103.6	57.5	231.9	474.6	321.3	374.1	1,033.7	693.1
Central Visayas	517.5	553.4	581.4	476.8	534.3	472.6	289.7	298.8	349.7	452.6
Bohol	270.1	304.8	305.0	199.0	181.5	141.4	114.7	116.0	86.3	89.3
Cebu	232.3	224.7	258.4	259.3	331.7	309.2	141.6	165.8	224.0	351.8
Negros Oriental	7.5	16.6	12.8	13.7	16.2	17.5	29.7	13.8	36.0	8.9
Siquijor	7.6	7.3	5.2	4.8	5.0	4.5	3.8	3.2	3.5	2.6
Eastern Visayas	917.7	1,137.4	1,486.0	1,405.0	1,761.4	1,527.4	1,301.8	1,538.6	2,021.7	1,197.1
Biliran	22.3	10.1	16.4	3.4	1.9	7.4	9.7	11.3	27.8	95.9
Eastern Samar	56.7	13.7	..	..	..	..	..	..	104.1	114.8
Leyte	135.6	24.0	44.1	56.8	172.2	124.1	123.2	108.0	26.5	56.9
Northern Samar	94.7	132.8	362.5	478.4	493.6	507.2	480.6	446.3	437.0	390.4
Southern Leyte	182.8	257.8	98.0	81.6	59.5	0.7	0.5	0.5	7.7	11.8
Samar	425.7	699.0	965.0	784.8	1,034.3	887.9	687.7	972.4	1,418.6	527.3
Zamboanga Peninsula	1,892.0	3,684.8	3,378.7	2,862.1	2,249.6	2,345.3	2,200.4	2,231.7	1,973.2	2,350.3
Zamboanga del Norte	114.3	69.2	22.7	7.0	12.7	7.0	4.2	4.8	9.0	9.4
Zamboanga del Sur	707.0	943.1	837.4	690.3	649.0	690.5	763.8	738.1	701.9	459.4
Zamboanga City	417.5	671.4	950.4	903.9	668.7	593.6	485.0	599.1	469.8	716.4
Zamboanga Sibugay	653.2	2,001.1	1,568.2	1,261.0	919.3	1,054.2	947.5	889.7	792.5	1,165.2
Northern Mindanao	317.3	613.2	619.5	516.5	414.1	518.3	621.1	574.3	533.3	537.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	0.7	..	..	..	..	..	..	..	..	..
Lanao del Norte	226.1	377.7	361.1	262.9	264.1	349.0	348.0	374.3	339.5	351.1
Misamis Occidental	56.0	225.0	211.1	209.8	122.3	113.2	160.8	158.4	159.7	166.7
Misamis Oriental	34.5	10.5	47.3	43.8	27.7	56.2	112.2	41.6	34.2	19.2
Davao Region	166.4	234.4	459.3	374.6	268.3	551.2	371.3	232.4	143.7	171.3
Davao del Norte	6.5	4.9	47.1	35.3	31.9	18.3	13.4	19.0	24.0	12.7
Davao del Sur	6.7	..	29.8	15.6	5.0	389.8	257.0	57.2	21.7	69.7
Davao City	..	3.1	..	..	..	..	..	..	0.8	1.7
Davao Oriental	118.1	184.0	338.4	276.8	209.3	117.7	76.5	119.4	81.0	65.1
Compostela Valley	35.0	42.5	44.0	47.0	22.1	25.5	24.3	36.8	16.2	22.1
SOCCSKSARGEN	30.3	75.5	58.5	72.7	48.8	56.5	42.9	33.8	23.7	29.7
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1.3	42.3	25.6	38.8	15.1	7.6	6.6	5.8	8.6	15.5
South Cotabato	2.1	1.9	1.9	1.6	1.7	2.6	2.9	0.6	0.2	..
Sultan Kudarat	26.9	31.2	30.9	32.3	32.1	46.4	33.4	27.4	15.0	14.2
Caraga	151.4	183.9	248.6	275.7	276.9	426.7	339.0	482.2	419.6	378.2
Agusan del Norte	14.7	10.5	12.2	11.1	7.1	7.9	10.8	8.9	10.4	11.9
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	58.2	67.3
Surigao del Norte	126.1	163.8	224.6	259.2	260.8	408.8	304.4	413.2	257.1	234.6
Surigao del Sur	10.6	9.6	11.9	5.5	9.1	10.0	23.9	60.0	93.9	64.4
ARMM	1,571.3	1,352.0	1,400.4	1,370.7	1,475.7	1,702.5	1,496.2	1,623.7	1,352.8	1,523.6
Basilan	74.7	79.6	82.7	82.9	78.2	98.3	102.2	108.3	182.7	331.4
Lanao del Sur	504.3	507.3	514.8	515.3	512.5	697.5	576.6	664.8	293.7	301.7
Maguindanao	..	..	..	..	..	..	..	7.5	6.5	7.4
Sulu	25.9	26.4	26.1	25.5	25.4	26.5	26.9	29.0	30.4	29.4
Tawi-tawi	966.5	738.7	776.8	747.0	859.6	880.1	790.5	814.0	839.4	853.9

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Eastern little tuna (Bonito)										
Philippines	**16,489.0**	**15,338.5**	**15,134.1**	**14,908.3**	**14,156.4**	**13,921.6**	**14,529.0**	**14,486.8**	**15,690.6**	**16,650.8**
NCR	..	..	..	0.3	..	0.6	..	3.8	58.9	2.2
Metro Manila	..	..	..	0.3	..	0.6	..	3.8	58.9	2.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	91.4	225.5	85.3	414.1	186.7	90.4	131.3	121.1	136.4	160.0
Ilocos Norte	8.8	17.0	78.2	64.1	34.2	23.2	67.4	50.9	50.4	53.2
Ilocos Sur	..	..	..	..	..	..	..	3.6	14.4	39.7
La Union	77.8	206.3	6.2	13.1	5.8	8.7	7.6	4.0	4.1	3.3
Pangasinan	4.8	2.2	0.8	337.0	146.8	58.5	56.3	62.5	67.4	63.9
Cagayan Valley	110.4	485.0	581.5	502.4	519.8	528.2	595.4	492.5	433.1	365.0
Batanes	..	..	..	..	..	..	..	..	0.2	0.2
Cagayan	110.4	485.0	579.3	498.8	515.3	523.9	589.8	487.2	427.3	359.7
Isabela	..	..	2.2	3.6	4.5	4.4	5.6	5.4	5.6	5.1
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	264.0	93.8	187.4	120.0	97.4	99.0	99.5	113.5	233.3	626.6
Aurora	16.4	9.8	10.6	10.1	10.2	10.4	11.8	13.3	13.3	22.7
Bataan	31.2	27.4	26.7	26.7	45.3	46.7	46.8	45.3	100.0	40.2
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	0.6	1.3
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	216.4	56.5	150.2	83.3	41.9	41.9	40.9	54.9	119.4	562.5
CALABARZON	167.9	63.4	0.9	0.7	..	2.1	..	31.8	31.5	0.8
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	167.9	63.4	0.9	0.7	..	2.1	..	31.8	31.5	0.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	5,733.3	3,827.4	3,358.6	4,237.3	3,536.1	2,464.2	2,963.9	2,546.0	2,624.2	2,349.3
Marinduque	..	..	..	..	..	..	..	..	65.3	65.3
Occidental Mindoro	..	110.5	170.1	167.0	161.4	172.4	180.7	188.7	239.7	247.2
Oriental Mindoro	24.2	23.3	28.6	28.8	27.1	30.1	33.0	37.1	87.6	98.7
Palawan	5,576.2	3,327.1	2,825.7	3,772.5	3,077.3	2,057.0	2,537.2	2,015.3	2,026.8	1,798.3
Romblon	132.9	366.5	334.2	269.0	270.3	204.7	213.0	304.8	204.8	139.9
Bicol Region	436.3	999.1	1,023.1	955.3	1,158.0	1,392.0	1,451.1	1,165.2	832.7	753.7
Albay	80.2	196.2	152.1	172.2	267.6	253.0	281.0	255.6	259.8	237.2
Camarines Norte	167.1	190.1	198.3	185.7	33.9	67.3	71.8	1.9	7.6	18.8
Camarines Sur	6.9	376.4	282.2	268.4	256.1	240.5	220.8	208.0	170.2	128.8
Catanduanes	67.6	60.0	144.1	95.0	125.0	136.4	110.4	84.7	70.8	77.2
Masbate	114.4	176.4	246.4	233.9	472.6	694.8	767.1	614.9	324.2	291.7
Sorsogon	..	..	..	..	2.8	..	..	..	..	..
Western Visayas	679.1	1,860.0	1,793.9	1,781.7	919.8	1,485.6	1,081.1	1,273.3	1,355.6	1,416.1
Aklan	239.6	237.5	297.7	301.5	293.0	309.2	330.9	342.4	336.0	324.8
Antique	197.2	158.0	113.1	67.8	91.0	94.8	93.8	87.1	92.0	110.5
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	6.2	7.0	9.9	10.2	8.8	17.0	7.3	3.0	2.9	3.0
Iloilo	89.7	349.8	17.9	18.5	53.1	37.5	42.1	147.9	48.2	43.1
Negros Occidental	146.4	1,107.7	1,355.4	1,383.8	473.8	1,027.1	607.1	693.0	876.6	934.7
Central Visayas	791.1	704.2	560.9	524.0	451.9	434.4	459.1	379.2	681.5	780.9
Bohol	31.1	13.5	36.8	19.2	12.7	9.4	9.9	10.8	43.2	154.1
Cebu	401.6	318.1	119.6	181.7	137.2	134.9	169.5	105.0	312.7	416.0
Negros Oriental	322.2	324.4	279.2	228.6	200.8	187.2	174.2	174.4	226.1	112.4
Siquijor	36.3	48.2	125.3	94.5	101.2	102.9	105.6	88.9	99.5	98.4
Eastern Visayas	1,234.4	1,220.5	1,126.2	969.9	959.8	757.5	704.7	731.6	1,040.8	1,099.8
Biliran	..	21.1	1.6	5.5	4.0	3.1	2.3	2.1	0.2	..
Eastern Samar	257.3	38.1	6.7	3.1	3.7	4.1	1.9	0.5	410.7	493.6
Leyte	54.4	32.7	19.5	38.5	13.4	35.8	5.2	..	4.1	41.0
Northern Samar	633.1	501.3	542.0	411.7	388.5	361.3	357.2	357.1	336.2	316.9
Southern Leyte	236.0	590.3	556.4	511.1	550.1	353.2	334.9	287.7	232.9	133.3
Samar	53.6	37.0	..	..	..	..	3.2	84.2	56.7	115.0
Zamboanga Peninsula	3,010.5	2,510.5	2,468.0	1,574.1	2,923.4	3,201.1	3,460.8	3,486.7	3,538.9	3,695.7
Zamboanga del Norte	1,826.5	1,264.4	663.2	349.4	689.9	713.1	243.3	183.6	237.3	312.5
Zamboanga del Sur	946.8	1,225.0	1,734.2	1,198.0	1,898.0	2,036.3	2,396.9	2,390.6	2,443.7	2,240.7
Zamboanga City	95.1	..	..	..	166.4	333.6	697.2	783.4	822.3	1,077.4
Zamboanga Sibugay	142.1	21.2	70.7	26.8	169.0	118.2	123.4	129.2	35.6	65.0
Northern Mindanao	844.5	607.7	611.1	588.0	379.5	308.6	339.1	375.3	427.8	439.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	9.1	29.3	49.6	26.3	26.7	38.6	32.5	58.8	94.4	76.0
Lanao del Norte	126.0	263.9	455.5	391.3	286.2	213.8	241.4	269.5	280.8	288.2
Misamis Occidental	641.7	278.6	86.4	140.4	27.6	26.9	35.5	36.2	34.3	47.5
Misamis Oriental	67.7	35.8	19.7	30.0	39.1	29.3	29.7	10.8	18.3	27.6
Davao Region	327.5	310.7	393.1	287.2	112.0	139.0	162.9	377.6	693.8	1,192.6
Davao del Norte	..	..	..	..	5.6	..	..	..	..	5.5
Davao del Sur	..	..	55.5	..	..	..	1.1	..	147.6	193.3
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	271.5	263.4	292.2	251.6	98.8	130.9	153.5	371.8	545.2	993.7
Compostela Valley	56.0	47.3	45.4	35.6	7.6	8.0	8.3	5.8	1.0	0.1
SOCCSKSARGEN	344.0	103.1	164.2	229.5	145.7	187.3	165.5	85.2	467.5	403.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	277.6	26.7	85.5	138.9	81.6	70.1	37.5	21.0	347.3	334.9
South Cotabato	4.7	1.8	3.9	3.6	5.8	15.3	8.0	..	70.8	12.3
Sultan Kudarat	61.8	74.7	74.8	87.1	58.3	102.0	120.1	64.2	49.4	56.8
Caraga	272.1	244.5	325.0	323.7	223.2	227.5	224.5	236.9	375.6	672.3
Agusan del Norte	7.5	24.9	121.6	93.2	60.3	33.9	24.3	17.6	19.3	12.7
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	47.2	49.7	54.0	87.1	77.6	110.9	147.9	176.2	201.8	258.8
Surigao del Sur	217.3	169.9	149.4	143.4	85.3	82.8	52.3	43.1	154.5	400.9
ARMM	2,182.6	2,083.4	2,455.1	2,400.3	2,543.3	2,604.0	2,690.3	3,067.2	2,759.0	2,692.7
Basilan	190.0	201.4	213.1	219.1	225.5	234.7	253.3	275.3	75.8	32.8
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	35.6	36.9	40.4	..	..	..	..	45.7	18.5	..
Sulu	902.1	997.2	1,227.2	1,233.5	1,291.2	1,316.0	1,326.0	1,422.0	1,337.6	1,316.4
Tawi-tawi	1,054.9	847.9	974.3	947.6	1,026.5	1,053.3	1,111.0	1,324.3	1,327.2	1,343.5

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Fimbriated sardines (Tunsoy)										
Philippines	**61,513.8**	**61,956.9**	**52,839.4**	**47,124.1**	**47,088.0**	**41,356.0**	**39,984.5**	**40,728.0**	**37,242.6**	**37,359.7**
NCR	34.9	51.7	233.2	458.1	1,739.2	1,879.6	2,077.9	1,318.0	967.2	575.4
Metro Manila	34.9	51.7	233.2	458.1	1,739.2	1,879.6	2,077.9	1,318.0	967.2	575.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	137.8	44.1	36.0	50.3	51.6	52.6	56.0	39.9	40.7	51.0
Ilocos Norte	70.7	2.4	22.8	26.9	29.0	32.4	31.0	20.8	19.7	31.8
Ilocos Sur	0.2	0.3	0.3	0.3	11.3	11.1	16.1	10.5	5.8	3.9
La Union	67.0	41.1	12.5	23.1	11.4	9.2	8.9	8.5	15.2	15.3
Pangasinan	..	0.3	0.4	..	..	..	..	..	..	..
Cagayan Valley	232.1	354.2	389.9	419.5	410.2	476.7	411.1	446.2	396.4	317.1
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	229.0	352.5	386.8	417.3	407.2	472.9	405.5	440.5	390.6	311.6
Isabela	3.1	1.7	3.1	2.2	3.0	3.8	5.6	5.7	5.9	5.5
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	391.4	350.0	350.7	398.8	451.7	446.3	455.8	459.6	562.9	462.4
Aurora	29.5	24.2	26.4	22.4	21.8	20.9	21.8	21.7	19.2	13.4
Bataan	311.1	301.2	322.1	374.0	429.9	425.4	434.0	420.9	459.3	383.1
Bulacan	29.4	21.9	..	..	..	..	..	17.0	84.0	64.4
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	0.1	0.2
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	21.4	2.7	2.2	2.4	..	..	..	..	0.3	1.3
CALABARZON	2,106.1	2,757.1	3,168.7	1,415.2	1,790.9	1,646.5	1,277.0	654.4	423.0	718.8
Batangas	..	..	..	..	..	..	..	..	..	180.3
Cavite	119.7	72.6	100.9	170.0	580.9	597.7	437.4	206.6	202.7	258.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,986.4	2,684.5	3,067.9	1,245.3	1,210.0	1,048.8	839.6	447.8	220.3	280.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	7,648.6	6,782.2	5,404.5	6,083.8	6,825.2	3,745.7	3,080.0	3,694.7	2,929.1	3,336.4
Marinduque	..	..	..	..	..	..	..	..	47.9	32.8
Occidental Mindoro	189.4	184.7	182.6	180.6	166.4	176.6	189.6	191.2	186.8	186.2
Oriental Mindoro	302.0	305.9	302.2	282.1	300.5	350.8	366.7	422.1	477.5	411.8
Palawan	6,901.6	6,003.9	4,660.7	5,417.6	6,220.1	3,120.6	2,378.2	2,960.4	2,106.7	2,476.4
Romblon	255.6	287.7	259.1	203.6	138.2	97.7	145.4	121.0	110.2	229.2
Bicol Region	17,222.2	19,320.8	13,472.5	10,487.1	10,107.0	9,602.5	9,516.0	9,078.2	8,304.9	9,791.6
Albay	124.9	386.3	316.4	253.2	305.2	335.8	366.6	319.9	367.6	396.8
Camarines Norte	428.4	448.7	512.2	499.7	564.4	631.2	610.6	619.1	733.9	242.9
Camarines Sur	1,037.0	1,398.2	1,845.0	2,029.8	2,029.6	2,121.3	2,151.5	2,094.4	1,768.2	1,229.1
Catanduanes	36.6	15.2	107.3	109.6	94.2	97.1	91.5	71.9	55.8	50.2
Masbate	1,666.9	1,651.0	1,406.8	1,326.0	1,614.9	1,892.6	2,038.6	1,557.2	1,059.0	1,054.6
Sorsogon	13,928.3	15,421.5	9,284.8	6,268.7	5,498.8	4,524.5	4,257.2	4,415.7	4,320.4	6,818.1
Western Visayas	7,424.6	9,503.2	10,264.0	9,516.0	8,431.5	6,841.0	7,361.7	8,493.7	7,432.4	7,005.0
Aklan	235.8	226.5	210.9	197.9	204.3	211.6	227.4	251.0	230.9	253.6
Antique	1.1	1.7	1.6	1.9	2.0	1.9	1.9	2.2	7.7	16.3
Capiz	600.8	203.9	93.4	138.0	447.9	371.4	392.3	443.1	885.6	461.2
Guimaras	247.7	214.6	416.6	573.3	592.7	524.5	616.5	732.9	548.9	552.3
Iloilo	5,161.1	7,377.3	8,386.6	7,218.9	4,648.8	2,682.2	3,263.0	4,042.6	3,409.5	3,485.5
Negros Occidental	1,178.1	1,479.2	1,154.9	1,386.0	2,535.8	3,049.3	2,860.7	3,022.0	2,349.9	2,236.2
Central Visayas	2,540.6	3,098.9	1,899.8	1,652.7	1,337.5	1,347.6	1,202.0	1,168.5	1,857.4	1,996.2
Bohol	314.8	317.9	74.2	47.8	126.6	111.6	127.9	170.7	97.8	140.8
Cebu	1,379.6	1,727.9	1,047.1	900.7	573.3	621.9	544.5	477.4	1,132.5	1,243.8
Negros Oriental	826.2	1,025.6	749.9	663.0	592.7	572.3	491.9	476.6	578.2	566.1
Siquijor	20.0	27.6	28.5	41.3	45.0	41.7	37.7	43.8	48.9	45.5
Eastern Visayas	2,690.5	3,161.6	2,747.1	2,775.9	3,235.1	2,801.9	2,652.7	3,095.1	2,885.5	1,814.5
Biliran	..	..	0.2	0.1	..	..	..	..	..	..
Eastern Samar	184.1	11.3	..	..	..	..	..	0.2	19.7	18.3
Leyte	354.5	203.0	125.0	105.0	65.0	198.5	191.2	238.8	441.8	34.3
Northern Samar	322.8	1,049.8	538.1	524.1	584.0	654.9	668.2	698.0	728.7	744.9
Southern Leyte	512.3	821.2	853.9	760.0	597.2	489.6	573.9	597.6	434.9	456.6
Samar	1,316.9	1,076.3	1,230.0	1,386.7	1,988.9	1,458.9	1,219.3	1,560.5	1,260.4	560.4
Zamboanga Peninsula	15,266.5	10,860.8	8,835.0	7,439.7	6,656.8	6,419.7	5,899.3	5,560.8	6,514.2	6,565.0
Zamboanga del Norte	5,680.3	4,451.7	5,121.8	5,082.6	5,424.8	5,318.7	4,992.9	4,643.3	5,297.5	5,060.3
Zamboanga del Sur	633.5	392.7	..	..	7.1	..	..	5.8	135.3	90.3
Zamboanga City	8,792.3	5,960.7	3,581.7	1,984.1	1,103.9	980.8	807.9	783.2	503.9	314.4
Zamboanga Sibugay	160.4	55.7	131.5	373.0	121.0	120.2	98.5	128.5	577.6	1,100.0
Northern Mindanao	422.4	341.9	393.1	693.1	337.3	377.2	391.2	595.4	739.7	758.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	39.5	5.9	9.3	15.4	4.7	8.8	9.2	6.0	25.7	17.8
Lanao del Norte	38.4	139.2	15.1	10.4	..	..	..	..	..	..
Misamis Occidental	312.9	177.4	341.3	650.9	287.1	347.2	369.0	585.6	709.6	737.1
Misamis Oriental	31.6	19.5	27.4	16.4	45.5	21.2	13.0	3.8	4.4	3.2
Davao Region	543.2	387.1	527.0	383.1	226.4	189.2	146.6	185.1	263.2	145.1
Davao del Norte	105.2	30.5	111.8	35.4	29.5	7.6	3.5	41.9	25.1	28.4
Davao del Sur	..	..	..	..	..	..	..	..	87.5	15.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	1.5	24.4	86.0	..	..	..	29.6	81.7	65.2
Compostela Valley	438.0	355.1	390.8	261.7	197.0	181.5	143.1	113.6	68.9	36.4
SOCCSKSARGEN	202.7	80.0	252.7	146.9	198.4	84.3	54.6	830.2	235.3	86.2
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	160.5	42.6	168.6	99.8	168.0	55.2	28.8	462.8	169.9	74.8
South Cotabato	22.9	17.5	63.8	27.5	11.1	12.3	11.8	354.1	58.3	3.9
Sultan Kudarat	19.3	19.9	20.4	19.6	19.4	16.8	14.0	13.3	7.2	7.5
Caraga	1,698.3	1,540.5	1,295.5	1,497.6	1,715.3	1,286.0	1,292.7	1,381.5	1,355.7	1,228.0
Agusan del Norte	131.2	208.9	134.4	103.8	64.8	52.5	31.4	28.4	24.6	17.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	138.2	147.5
Surigao del Norte	1,449.1	1,229.0	1,069.5	1,339.9	1,588.4	1,179.2	1,200.2	1,311.6	1,062.5	977.5
Surigao del Sur	118.0	102.7	91.6	54.0	62.2	54.4	61.1	41.5	130.3	85.5
ARMM	2,951.8	3,322.9	3,569.8	3,706.3	3,573.8	4,159.2	4,110.0	3,726.9	2,334.9	2,509.0
Basilan	997.7	1,127.8	1,215.8	1,257.6	1,153.1	1,119.7	1,100.7	1,122.0	256.6	392.1
Lanao del Sur	898.9	900.9	919.9	931.0	917.3	1,363.3	1,421.2	1,023.6	618.2	639.0
Maguindanao	27.3	..	..	..	..	..	..	..	..	..
Sulu	207.5	266.1	260.2	257.9	255.4	257.4	260.0	265.3	266.9	272.4
Tawi-tawi	820.4	1,028.1	1,173.9	1,259.8	1,248.1	1,418.9	1,328.0	1,316.0	1,193.2	1,205.4

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Flying fish (Bolador)										
Philippines	**23,107.3**	**19,622.7**	**19,626.3**	**18,614.3**	**18,217.9**	**17,491.3**	**16,989.0**	**15,516.7**	**14,192.4**	**12,997.2**
NCR	0.9	..	..	..	..	..	..	..	4.0	0.0
Metro Manila	0.9	..	..	..	..	..	..	..	4.0	0.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	196.0	319.6	450.5	538.3	922.5	892.0	821.5	1,077.3	1,115.0	1,175.4
Ilocos Norte	102.8	74.1	268.1	282.8	264.2	284.3	213.5	435.9	411.2	380.7
Ilocos Sur	0.9	3.3	7.3	10.0	13.7	37.2	36.3	31.5	2.0	2.6
La Union	33.6	20.2	17.9	16.4	2.0	1.8	2.3	4.1	5.7	17.6
Pangasinan	58.7	222.1	157.3	229.0	642.6	568.6	569.4	605.8	696.1	774.6
Cagayan Valley	341.9	484.5	447.1	822.1	758.8	810.7	731.3	533.6	511.7	513.2
Batanes	222.3	296.2	284.6	674.0	605.9	588.0	525.3	326.3	273.2	307.4
Cagayan	105.7	158.4	128.9	112.1	104.4	175.1	148.0	150.0	175.6	145.0
Isabela	14.0	29.9	33.5	36.1	48.5	47.7	58.0	57.4	62.9	60.8
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	400.0	253.5	336.6	245.9	337.5	402.1	430.6	391.0	429.9	349.3
Aurora	85.2	99.7	119.1	103.2	72.3	69.5	70.9	70.3	62.9	46.6
Bataan	10.5	8.1	8.4	9.5	14.7	11.4	13.2	12.1	65.0	2.0
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	304.2	145.7	209.1	133.3	250.5	321.2	346.5	308.5	302.1	300.7
CALABARZON	1,532.3	792.4	408.2	245.2	875.9	475.9	495.0	230.6	274.5	261.2
Batangas	1,286.7	549.7	407.0	243.4	728.5	335.9	279.3	224.0	243.6	261.2
Cavite	..	..	..	..	..	1.8	1.6	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	245.6	242.7	1.2	1.8	147.4	138.2	214.1	6.7	30.9	..
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,362.8	2,158.8	1,616.4	1,285.3	1,068.8	1,156.9	911.2	1,008.6	904.4	786.4
Marinduque	433.6	448.6	438.1	445.4	405.4	407.1	371.5	354.9	410.0	380.6
Occidental Mindoro	168.8	164.2	152.3	143.2	146.3	151.1	158.5	159.1	169.0	161.9
Oriental Mindoro	277.9	281.9	244.0	240.6	189.8	186.3	197.4	201.5	147.3	8.6
Palawan	1,274.5	1,153.5	689.3	427.0	309.1	401.0	177.9	286.3	165.7	233.6
Romblon	208.1	110.5	92.7	29.1	18.2	11.5	5.9	6.8	12.6	1.7
Bicol Region	3,964.9	3,499.8	2,979.8	3,003.2	2,941.6	2,718.1	2,967.8	2,203.4	1,915.3	1,689.1
Albay	91.8	51.7	133.6	164.7	155.6	45.8	..	2.9	9.4	22.0
Camarines Norte	251.1	161.0	167.4	151.5	86.4	91.3	97.5	15.3	5.7	20.6
Camarines Sur	7.0	37.2	86.1	97.0	97.1	91.7	91.2	80.5	133.8	49.2
Catanduanes	931.3	1,002.7	282.7	233.1	224.5	221.3	202.8	161.7	143.1	128.9
Masbate	2,670.0	2,147.5	2,109.9	2,081.4	2,076.3	1,968.0	2,288.4	1,681.7	1,451.6	1,452.9
Sorsogon	13.6	99.8	200.2	275.5	301.7	300.1	287.8	261.3	171.7	15.6
Western Visayas	1,025.3	1,654.7	2,622.6	1,840.7	1,009.4	1,119.2	1,186.9	1,190.9	400.2	354.7
Aklan	27.5	20.3	20.5	18.6	16.8	27.6	32.1	38.8	40.1	43.2
Antique	82.1	55.8	72.3	135.4	125.9	142.4	160.4	137.1	134.6	97.8
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	17.1	28.9	24.3	26.5	7.9	12.4	18.8	21.6	37.1	25.6
Iloilo	43.7	42.5	437.0	..	..	10.8	..	..	..	1.1
Negros Occidental	854.9	1,507.2	2,068.5	1,660.2	858.9	926.0	975.6	993.5	188.4	187.1
Central Visayas	1,831.9	1,546.1	1,768.9	2,232.7	2,061.6	1,787.9	1,593.8	1,160.8	1,373.0	1,408.9
Bohol	900.0	787.7	716.0	758.5	553.9	461.7	476.1	319.5	463.9	545.4
Cebu	395.4	286.1	240.4	351.9	373.4	392.5	341.3	230.2	320.6	323.6
Negros Oriental	136.4	86.7	336.0	601.4	626.6	453.0	292.7	104.3	82.3	50.1
Siquijor	400.0	385.8	476.5	521.0	507.7	480.7	483.7	506.8	506.2	489.8
Eastern Visayas	2,459.2	1,189.5	1,226.2	1,321.7	1,162.2	1,291.2	1,137.0	1,143.7	1,587.8	1,761.5
Biliran	58.0	25.4	26.1	9.9	3.5	4.2	4.5	4.5	..	..
Eastern Samar	454.8	192.8	216.2	169.8	150.9	242.9	185.8	164.5	303.0	158.5
Leyte	281.7	85.6	15.4	9.0	41.7	22.9	74.5	101.1	101.2	178.5
Northern Samar	101.3	208.9	458.6	572.3	605.7	585.3	560.9	584.9	609.5	539.3
Southern Leyte	1,563.3	676.8	510.0	560.7	360.4	436.0	311.4	288.7	330.3	719.0
Samar	..	..	..	..	..	..	..	..	243.7	166.2
Zamboanga Peninsula	1,158.0	590.2	535.4	507.5	487.0	411.4	427.6	430.9	327.9	251.1
Zamboanga del Norte	308.6	88.5	21.1	16.3	48.9	12.7	24.8	44.6	40.6	45.7
Zamboanga del Sur	507.7	425.1	463.1	465.3	326.4	339.9	322.6	310.9	260.0	192.4
Zamboanga City	59.4	..	22.9	25.4	6.3	8.6	27.7	29.6	12.4	8.4
Zamboanga Sibugay	282.3	76.7	28.3	0.5	105.5	50.2	52.5	45.8	14.9	4.6
Northern Mindanao	2,743.7	1,844.0	1,934.5	1,484.3	1,617.4	1,683.3	1,810.0	2,089.9	2,150.4	2,094.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	437.4	501.7	508.1	400.8	441.8	479.4	398.9	601.5	513.1	526.0
Lanao del Norte	183.3	309.9	315.3	317.4	307.5	368.9	364.5	387.9	307.2	310.0
Misamis Occidental	1,604.3	572.2	628.0	303.3	681.1	712.5	789.4	644.9	630.8	611.2
Misamis Oriental	518.6	460.2	483.2	462.9	187.0	122.6	257.1	455.6	699.3	647.3
Davao Region	1,271.3	678.4	536.5	628.0	655.1	492.1	506.0	1,005.7	808.6	488.2
Davao del Norte	190.8	54.2	107.4	50.5	38.4	27.8	25.6	21.2	38.6	17.4
Davao del Sur	186.7	296.8	94.9	42.6	165.5	62.0	47.1	92.8	64.3	189.1
Davao City	..	..	1.9	..	0.2	..	..	..	0.7	..
Davao Oriental	643.5	108.7	100.6	362.4	320.3	297.5	348.3	825.5	663.5	264.9
Compostela Valley	250.3	218.7	231.7	172.4	130.7	104.8	85.0	66.3	41.5	16.8
SOCCSKSARGEN	2,279.7	2,525.4	2,933.8	2,738.3	2,736.7	2,839.6	2,708.7	1,536.3	1,038.6	674.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1,866.0	1,938.4	2,302.2	2,140.2	2,241.0	2,380.6	2,324.1	1,245.8	825.7	474.5
South Cotabato	71.0	221.2	279.7	251.0	183.6	206.1	175.6	152.6	114.3	105.8
Sultan Kudarat	342.8	365.8	351.9	347.1	312.1	252.9	209.0	138.0	98.6	94.6
Caraga	1,070.4	943.0	875.0	1,106.5	1,118.8	898.9	755.1	899.4	787.1	682.5
Agusan del Norte	239.3	183.9	142.6	187.1	67.4	70.0	83.3	74.6	65.8	71.8
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	385.2	416.1	425.8	608.6	645.9	521.6	473.4	553.4	414.2	417.0
Surigao del Sur	446.0	343.0	306.6	310.7	405.5	307.3	198.4	271.4	307.1	193.7
ARMM	469.1	1,142.8	954.7	614.7	464.4	512.0	506.7	614.6	564.1	506.5
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	203.1	231.6	241.3
Maguindanao	28.9	38.6	72.5	92.4	96.3	92.5	80.1	79.1	65.2	9.5
Sulu	306.8	138.5	128.7	125.9	98.9	81.6	73.9	40.9	21.6	19.2
Tawi-tawi	133.4	965.7	753.5	396.4	269.2	337.9	352.7	291.5	245.9	236.5

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Frigate tuna (Tulingan)										
Philippines	**68,096.9**	**70,844.9**	**68,945.1**	**62,167.1**	**59,118.8**	**60,590.0**	**59,121.3**	**58,825.1**	**56,788.6**	**56,874.1**
NCR	0.4	..	1.2	0.7	0.0	3.8	1.0	..	49.4	78.7
Metro Manila	0.4	..	1.2	0.7	0.0	3.8	1.0	..	49.4	78.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	139.1	1,336.7	988.2	603.0	92.8	77.2	89.8	98.2	97.3	128.9
Ilocos Norte	49.3	151.4	210.4	140.7	49.3	34.2	41.5	40.7	32.1	32.8
Ilocos Sur	4.2	7.6	5.6	17.1	19.6	23.9	22.7	22.2	6.0	43.7
La Union	78.0	1,160.2	755.1	428.2	5.5	4.8	7.5	7.7	31.5	24.2
Pangasinan	7.6	17.5	17.1	17.0	18.5	14.3	18.0	27.6	27.8	28.2
Cagayan Valley	813.1	1,243.1	1,217.6	1,352.0	1,117.2	1,315.0	1,757.0	2,036.4	2,067.7	2,310.9
Batanes	..	..	..	..	6.9	6.2	4.9	11.3	12.9	14.1
Cagayan	778.1	1,202.3	1,171.4	1,307.0	1,061.0	1,261.2	1,691.6	1,965.7	1,993.4	2,236.6
Isabela	35.0	40.8	46.2	45.0	49.3	47.7	60.5	59.4	61.4	60.2
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	859.7	872.7	996.8	1,248.2	837.0	821.0	821.5	737.5	754.7	1,058.3
Aurora	269.7	234.4	273.8	259.7	244.1	244.8	252.4	259.7	266.4	273.4
Bataan	153.5	186.2	186.6	165.0	156.7	155.9	156.0	159.2	173.4	13.6
Bulacan	..	..	..	..	..	..	..	..	6.0	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	147.2	144.0	130.6	120.3	104.8	108.4	113.7	104.4	108.0	117.5
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	289.3	308.2	405.8	703.2	331.4	312.0	299.3	214.2	200.9	653.8
CALABARZON	2,932.7	5,540.2	4,363.8	3,058.3	3,113.4	3,085.3	2,977.4	3,138.3	2,558.5	2,398.7
Batangas	1,532.9	3,589.9	2,856.7	2,071.0	1,661.2	1,807.9	1,539.1	1,184.3	1,132.7	1,006.4
Cavite	102.6	30.4	2.7	1.9	..	..	4.7	22.6	1.5	63.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,297.3	1,919.9	1,504.3	985.5	1,452.1	1,277.3	1,433.6	1,931.4	1,424.3	1,328.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	16,114.1	14,710.8	12,464.7	10,590.6	9,159.7	11,365.5	10,394.8	9,490.3	8,779.0	8,640.5
Marinduque	680.0	700.2	660.4	654.5	683.4	727.4	763.3	818.9	648.6	585.9
Occidental Mindoro	308.3	294.8	295.2	279.1	290.0	303.5	312.7	329.8	334.5	360.6
Oriental Mindoro	680.3	761.2	797.1	798.6	875.6	952.6	969.4	843.4	918.4	912.5
Palawan	14,203.5	12,548.9	10,247.2	8,404.5	6,876.3	8,805.9	7,899.6	6,994.8	6,343.1	6,275.2
Romblon	242.0	405.7	464.8	453.9	434.5	576.1	449.9	503.5	534.4	506.4
Bicol Region	6,489.0	6,288.6	6,461.1	6,224.3	7,106.1	8,597.6	8,764.5	7,982.4	8,596.6	7,559.5
Albay	680.7	596.7	642.5	604.0	682.4	882.6	984.4	942.9	936.9	890.9
Camarines Norte	1,806.7	1,954.8	2,092.8	1,877.5	1,659.9	1,791.3	1,778.4	1,860.9	1,446.0	1,322.9
Camarines Sur	983.9	1,090.0	1,218.2	1,355.1	1,312.4	1,361.9	1,408.8	1,400.5	1,312.0	1,136.4
Catanduanes	1,036.3	1,010.1	917.4	893.1	703.0	745.6	634.9	464.4	410.0	430.0
Masbate	1,398.2	1,337.2	1,406.7	1,364.8	2,226.0	3,261.8	3,198.2	2,874.8	4,168.4	3,372.9
Sorsogon	583.2	299.8	183.6	129.8	522.4	554.5	759.8	438.9	323.3	406.3
Western Visayas	832.0	3,352.4	4,322.3	4,451.2	2,209.9	2,168.4	2,052.7	2,371.5	1,387.3	2,822.3
Aklan	206.4	244.8	312.3	301.8	308.7	322.7	331.7	352.4	352.8	358.5
Antique	217.8	1,202.0	1,246.2	490.4	427.7	462.7	438.4	469.9	476.6	445.2
Capiz	93.5	90.0	72.1	83.6	8.3	..	..	..	..	..
Guimaras	16.0	24.7	24.6	13.3	26.5	40.8	25.2	11.7	18.6	8.5
Iloilo	134.1	315.9	344.8	254.8	467.9	474.3	428.8	597.8	252.8	295.4
Negros Occidental	164.2	1,475.0	2,322.4	3,307.4	970.7	868.0	828.6	939.7	286.5	1,714.7
Central Visayas	4,051.1	3,978.3	3,550.2	2,944.0	3,063.0	2,358.8	2,195.4	1,570.0	2,317.5	2,354.4
Bohol	1,485.2	819.2	542.5	306.6	374.0	240.2	188.6	153.8	154.0	105.5
Cebu	1,877.2	2,421.2	2,245.5	2,020.9	2,067.6	1,503.7	1,390.9	833.4	1,526.7	1,751.5
Negros Oriental	299.4	331.6	338.1	280.2	251.4	249.7	255.7	244.5	280.6	160.9
Siquijor	389.4	406.4	424.2	336.3	370.0	365.3	360.2	338.3	356.2	336.5
Eastern Visayas	5,711.3	5,312.0	3,583.2	2,687.1	2,909.8	3,572.2	3,852.6	3,674.3	3,087.1	3,437.4
Biliran	211.5	115.2	50.4	48.3	40.4	92.8	140.9	103.7	114.0	119.8
Eastern Samar	1,376.8	1,484.1	1,145.0	730.8	1,065.4	1,086.5	1,183.2	1,048.2	864.9	649.6
Leyte	729.3	499.4	356.7	372.2	145.6	152.6	170.9	253.5	99.0	115.4
Northern Samar	1,236.5	1,023.2	939.8	999.1	1,055.2	1,163.1	1,169.0	1,197.6	1,261.1	1,096.0
Southern Leyte	499.8	433.9	415.0	359.7	285.5	378.5	344.6	272.4	231.2	151.0
Samar	1,657.4	1,756.4	676.3	177.1	317.8	698.7	844.0	798.9	517.0	1,305.6
Zamboanga Peninsula	12,741.6	11,904.0	14,879.1	12,250.8	10,995.1	9,044.9	7,477.7	7,632.0	6,868.1	5,797.6
Zamboanga del Norte	5,222.3	2,684.3	4,159.1	3,855.5	3,118.3	1,534.4	729.3	707.2	743.6	760.6
Zamboanga del Sur	2,372.3	3,243.0	3,218.2	2,785.0	2,244.4	2,264.5	2,418.4	2,473.6	2,568.7	1,942.6
Zamboanga City	5,032.7	5,868.6	6,241.6	4,806.8	5,186.9	4,702.3	3,775.9	3,958.8	3,371.3	2,985.3
Zamboanga Sibugay	114.3	108.1	1,260.2	803.6	445.5	543.7	554.1	492.4	184.6	109.1
Northern Mindanao	1,623.9	1,402.5	1,205.5	1,660.3	2,884.8	2,845.5	2,942.0	3,134.9	3,640.3	3,372.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	18.8	132.3	301.2	313.7	210.3	134.4	90.3	119.5	314.5	159.5
Lanao del Norte	336.9	377.1	326.9	454.5	754.6	803.4	888.7	1,015.5	1,032.9	1,051.3
Misamis Occidental	1,105.7	688.6	489.1	789.7	1,844.2	1,822.2	1,791.2	1,646.9	1,488.4	1,383.5
Misamis Oriental	162.4	204.5	88.4	102.5	75.8	85.5	171.9	353.1	804.4	777.7
Davao Region	1,097.2	1,158.9	1,073.5	719.3	959.5	1,089.4	839.6	1,320.3	1,942.9	2,377.6
Davao del Norte	120.4	231.5	246.7	204.0	127.3	121.9	71.8	43.6	106.7	45.9
Davao del Sur	9.7	177.0	190.4	102.3	165.3	337.8	194.7	258.5	205.7	834.5
Davao City	24.1	12.8	0.0	1.2	1.1	2.2	..	..	45.3	34.3
Davao Oriental	839.1	659.2	557.5	338.9	594.1	518.4	472.1	948.7	1,543.7	1,423.8
Compostela Valley	103.9	78.4	78.9	73.0	71.6	109.1	101.0	69.5	41.5	39.1
SOCCSKSARGEN	2,352.3	2,188.1	1,632.1	1,663.2	1,999.3	2,092.4	1,981.7	1,993.3	2,226.5	2,065.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1,306.0	1,201.1	636.3	645.2	925.4	933.1	821.6	816.0	1,017.5	845.7
South Cotabato	106.7	68.2	77.1	90.8	106.1	141.0	109.7	135.7	210.6	145.0
Sultan Kudarat	939.6	918.7	918.6	927.2	967.8	1,018.3	1,050.4	1,041.6	998.4	1,075.1
Caraga	4,917.4	4,716.4	4,757.4	4,813.6	4,925.0	4,631.8	4,868.6	4,797.6	4,968.2	4,732.6
Agusan del Norte	264.4	657.1	541.5	362.8	340.2	181.1	139.7	166.7	185.9	176.0
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	207.0	221.6
Surigao del Norte	1,683.3	1,374.4	1,530.9	1,754.5	1,628.2	1,579.7	1,672.3	1,526.4	1,254.6	1,243.2
Surigao del Sur	2,969.6	2,685.0	2,685.1	2,696.2	2,956.7	2,871.0	3,056.6	3,104.5	3,320.7	3,091.8
ARMM	7,422.0	6,840.5	7,448.5	7,900.7	7,746.2	7,521.2	8,105.2	8,848.1	7,447.6	7,739.0
Basilan	1,321.6	1,449.1	1,522.9	1,531.7	1,513.7	1,410.3	1,456.5	1,507.9	331.7	415.6
Lanao del Sur	2,475.3	2,480.5	2,510.6	2,562.0	2,517.7	2,178.5	2,378.0	2,194.6	1,378.7	1,392.8
Maguindanao	719.2	728.6	751.3	751.4	798.0	820.7	830.3	839.8	855.8	900.4
Sulu	844.5	1,109.5	1,249.4	1,295.4	1,377.2	1,396.5	1,514.5	1,695.9	1,739.3	1,865.8
Tawi-tawi	2,061.4	1,072.7	1,414.4	1,760.2	1,539.7	1,715.1	1,925.9	2,609.9	3,142.1	3,164.4

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Goatfish (Saramulyete)										
Philippines	**15,370.7**	**18,749.2**	**19,310.3**	**20,707.0**	**19,635.1**	**19,416.3**	**20,012.3**	**20,399.9**	**21,424.5**	**21,918.9**
NCR	2.7	9.6	24.0	12.3	3.1	..	1.5	0.4	135.5	142.3
Metro Manila	2.7	9.6	24.0	12.3	3.1	..	1.5	0.4	135.5	142.3
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	317.0	287.5	359.3	425.9	276.1	343.4	470.4	337.3	274.6	277.9
Ilocos Norte	114.7	130.0	192.4	215.3	165.6	230.4	308.0	229.6	146.7	155.4
Ilocos Sur	134.4	108.7	129.7	131.1	79.4	67.6	34.1	34.1	29.8	20.4
La Union	14.9	18.5	4.7	43.1	10.2	14.4	15.1	14.6	23.3	18.2
Pangasinan	53.0	30.4	32.6	36.4	20.9	31.0	113.3	59.1	74.8	83.9
Cagayan Valley	291.0	381.1	420.1	390.6	480.9	488.2	520.4	500.4	549.9	474.6
Batanes	2.2	2.4	2.0	2.3	..	8.0	10.8	14.6	10.8	15.0
Cagayan	286.7	374.5	412.6	383.2	472.7	472.9	499.8	476.2	528.2	449.7
Isabela	2.1	4.2	5.5	5.1	8.2	7.3	9.9	9.6	11.0	10.0
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	449.6	287.6	218.4	207.9	177.4	179.7	190.7	180.0	169.5	256.4
Aurora	45.6	46.9	55.6	52.6	45.7	45.2	46.7	45.2	40.9	33.1
Bataan	95.8	71.0	74.9	66.9	56.5	56.5	56.0	57.3	63.8	119.2
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	3.6	4.1
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	308.1	169.7	87.9	88.5	75.2	77.9	88.0	77.5	61.3	100.0
CALABARZON	339.9	370.9	267.3	314.9	568.9	757.5	1,430.8	1,454.9	722.9	958.3
Batangas	98.5	175.1	144.0	96.1	73.8	40.3	81.0	42.2	45.7	115.4
Cavite	17.8	8.4	3.9	7.5	14.7	38.4	14.5	28.5	6.9	38.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	223.7	187.5	119.5	211.3	480.5	678.9	1,335.4	1,384.2	670.2	804.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,639.1	2,150.9	3,025.7	3,007.3	2,989.8	3,576.5	3,962.6	4,761.2	4,676.6	4,411.1
Marinduque	57.6	55.9	56.9	55.7	53.9	51.3	48.1	52.4	63.1	60.8
Occidental Mindoro	165.8	164.1	172.9	168.7	171.6	182.1	190.5	193.2	174.8	145.5
Oriental Mindoro	165.8	159.8	180.7	174.2	162.9	163.5	171.8	154.7	54.4	13.9
Palawan	1,979.6	1,560.2	2,402.9	2,423.4	2,428.3	3,026.2	3,391.3	4,174.0	4,251.0	4,023.1
Romblon	270.3	210.9	212.4	185.4	173.1	153.4	160.9	186.9	133.4	167.9
Bicol Region	1,056.4	1,258.1	1,843.0	1,953.6	2,226.9	2,271.9	2,245.0	2,093.9	2,493.8	3,459.9
Albay	64.7	60.1	96.4	131.7	94.7	50.3	..	13.9	9.5	7.0
Camarines Norte	238.0	163.7	276.4	251.2	133.7	164.5	172.0	105.1	114.0	87.0
Camarines Sur	83.7	156.4	148.1	147.2	188.8	192.1	204.5	192.8	156.2	116.6
Catanduanes	37.1	36.0	85.9	78.0	33.9	33.5	21.3	20.2	12.5	14.9
Masbate	575.6	776.6	1,108.1	1,274.5	1,673.5	1,707.3	1,690.2	1,614.6	2,070.0	2,817.3
Sorsogon	57.3	65.4	128.2	71.0	102.5	124.3	157.1	147.3	131.6	417.2
Western Visayas	3,226.3	4,723.6	4,466.9	4,973.8	5,864.4	4,831.2	4,612.7	4,436.1	4,441.0	3,692.7
Aklan	123.9	140.3	166.8	184.8	215.5	216.1	254.1	290.7	288.7	273.9
Antique	43.9	47.6	63.3	72.9	86.8	96.4	100.5	86.8	76.4	62.3
Capiz	641.0	2,325.8	2,458.5	2,423.7	2,289.9	2,131.1	2,159.4	1,886.1	1,690.9	1,575.5
Guimaras	186.5	184.0	163.0	149.9	156.8	252.7	210.4	192.1	215.0	164.1
Iloilo	181.1	410.0	397.8	1,063.2	2,366.4	1,524.0	1,312.0	1,192.5	1,750.4	681.4
Negros Occidental	2,050.0	1,615.9	1,217.5	1,079.4	749.1	610.9	576.4	787.8	419.6	935.5
Central Visayas	998.0	1,189.7	1,211.6	1,163.6	1,012.0	918.7	949.4	1,326.9	1,496.2	1,902.7
Bohol	466.6	612.5	664.5	632.0	410.2	342.7	218.7	200.6	305.4	406.4
Cebu	223.4	323.4	349.7	339.5	423.3	418.2	605.3	1,006.0	1,019.1	1,301.4
Negros Oriental	235.0	185.8	130.5	118.6	101.3	76.9	43.0	39.0	86.5	118.2
Siquijor	73.0	68.1	66.8	73.4	77.3	80.9	82.4	81.3	85.2	76.7
Eastern Visayas	794.5	1,118.3	1,415.9	1,436.2	1,416.6	1,388.4	1,264.2	1,182.3	1,362.9	1,231.1
Biliran	11.9	0.2	32.8	7.0	2.9	1.9	0.8	0.4	0.8	42.1
Eastern Samar	209.8	449.4	621.4	609.8	521.1	473.4	484.0	375.2	381.3	188.1
Leyte	41.5	45.6	87.3	104.1	81.8	69.8	57.6	149.7	418.1	548.5
Northern Samar	108.7	162.5	269.2	310.9	288.4	256.1	243.6	223.5	205.3	175.3
Southern Leyte	248.1	139.9	98.0	100.1	52.0	34.5	38.7	36.9	37.4	2.2
Samar	174.5	320.7	307.1	304.2	470.4	552.7	439.5	396.5	320.0	275.1
Zamboanga Peninsula	1,703.0	2,969.7	2,195.6	2,842.4	1,851.2	1,762.7	1,737.2	1,732.2	2,721.0	2,526.9
Zamboanga del Norte	374.8	489.6	118.2	82.4	141.9	173.6	210.0	117.9	202.9	172.4
Zamboanga del Sur	657.2	867.9	810.2	624.8	509.7	527.0	515.4	521.2	487.4	626.3
Zamboanga City	19.9	34.1	56.6	85.4	95.9	64.1	171.4	276.1	510.0	520.2
Zamboanga Sibugay	651.1	1,578.1	1,210.7	2,049.9	1,103.7	997.9	840.4	817.0	1,520.6	1,208.0
Northern Mindanao	394.7	464.5	464.9	543.6	237.1	194.4	248.6	239.5	226.3	275.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	2.4	2.1	4.0	3.7	4.9	6.3	6.9	8.3	8.5	8.8
Lanao del Norte	131.2	129.7	83.8	187.7	71.4	82.2	78.4	73.0	71.1	70.1
Misamis Occidental	253.5	326.3	364.5	332.7	130.9	92.4	90.7	110.8	117.7	186.5
Misamis Oriental	7.5	6.5	12.6	19.6	30.0	13.4	72.6	47.5	29.1	10.5
Davao Region	860.3	1,323.5	1,151.7	1,108.8	581.8	661.1	478.0	255.5	199.9	382.6
Davao del Norte	27.2	36.5	14.7	31.9	33.7	19.7	19.5	18.3	25.2	22.2
Davao del Sur	549.9	607.6	418.7	472.1	233.8	367.6	263.9	96.3	73.3	159.3
Davao City	41.0	39.7	29.2	21.2	10.4	10.1	15.0	12.6	14.9	18.4
Davao Oriental	204.7	602.8	651.4	539.6	271.3	237.4	154.8	89.2	50.7	163.4
Compostela Valley	37.6	36.8	37.7	44.1	32.6	26.3	24.7	39.2	35.8	19.3
SOCCSKSARGEN	420.7	427.4	427.8	392.9	416.0	409.1	325.4	186.7	123.8	216.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	40.8	46.0	39.4	24.2	17.8	17.3	8.9	1.8	..	27.5
South Cotabato	15.7	9.1	11.5	6.0	6.8	6.5	7.1	2.3	3.7	70.9
Sultan Kudarat	364.2	372.3	376.8	362.6	391.5	385.2	309.5	182.6	120.1	118.2
Caraga	928.0	716.7	634.7	1,001.1	686.2	704.6	704.7	748.5	743.6	635.0
Agusan del Norte	6.4	8.4	5.6	4.3	4.7	6.5	6.4	6.6	5.5	5.1
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	108.4	97.4
Surigao del Norte	790.5	616.1	521.4	864.7	585.9	594.5	619.4	687.1	476.7	404.9
Surigao del Sur	131.2	92.2	107.7	132.2	95.6	103.7	78.9	54.8	153.0	127.5
ARMM	949.8	1,070.0	1,183.4	932.2	846.8	929.0	870.6	964.4	1,087.1	1,075.0
Basilan	34.4	36.9	37.6	34.7	37.6	29.3	32.0	33.0	27.7	18.4
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	51.0	48.5	32.3	..	..	..	..	5.0	45.5	..
Sulu	193.3	132.3	125.3	120.8	99.9	95.0	91.5	84.6	80.6	76.6
Tawi-tawi	671.0	852.2	988.2	776.6	709.4	804.7	747.1	841.8	933.3	980.0

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Grouper (Lapu-lapu)										
Philippines	**17,276.6**	**15,604.7**	**16,920.4**	**16,820.2**	**18,016.4**	**16,970.9**	**16,786.3**	**16,759.4**	**15,558.5**	**15,642.1**
NCR	27.8	27.0	36.2	32.7	30.1	30.1	33.6	25.4	26.0	154.7
Metro Manila	27.8	27.0	36.2	32.7	30.1	30.1	33.6	25.4	26.0	154.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	49.5	93.3	133.3	158.5	184.9	451.2	586.6	669.6	552.8	643.5
Ilocos Norte	9.4	13.9	54.6	72.6	17.4	165.1	156.9	95.6	71.2	71.3
Ilocos Sur	1.4	1.3	5.6	10.7	2.2	1.5	1.9	2.8	2.7	5.0
La Union	17.5	12.6	13.8	13.9	25.8	73.9	89.9	169.6	37.2	36.5
Pangasinan	21.3	65.6	59.4	61.2	139.6	210.7	337.9	401.6	441.7	530.7
Cagayan Valley	169.7	195.6	190.6	140.0	132.9	149.6	147.7	161.6	162.8	172.3
Batanes	13.6	17.1	16.7	3.5	20.2	19.6	21.3	37.0	32.7	36.2
Cagayan	149.2	169.7	163.1	124.5	97.7	115.4	108.4	107.0	111.4	118.6
Isabela	6.9	8.9	10.8	12.0	15.1	14.6	18.0	17.6	18.8	17.6
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	132.0	90.0	181.4	164.5	183.2	184.2	211.8	197.9	262.5	414.2
Aurora	53.4	50.2	64.3	65.6	89.8	89.9	96.3	102.6	105.2	105.8
Bataan	16.9	20.5	24.9	25.7	31.5	33.0	35.0	38.1	84.5	109.6
Bulacan	0.0	0.0	..	..	..	..	..	..	2.8	0.7
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	0.1	0.9
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	61.7	19.3	92.2	73.2	61.8	61.4	80.5	57.3	69.9	197.2
CALABARZON	585.0	549.3	533.2	525.0	728.1	984.9	1,098.5	1,152.5	730.2	609.7
Batangas	210.1	65.8	68.3	47.0	35.4	31.7	23.7	17.2	29.6	20.0
Cavite	6.9	14.1	7.8	21.6	6.4	26.8	19.7	2.7	28.2	105.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	367.9	469.3	457.2	456.5	686.3	926.5	1,055.1	1,132.6	672.4	484.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	6,452.0	4,383.3	4,321.5	4,853.3	4,612.2	2,723.0	2,564.5	3,081.1	2,478.3	2,546.9
Marinduque	70.3	68.7	68.9	71.9	67.9	81.0	90.6	97.9	78.0	85.5
Occidental Mindoro	67.3	58.6	60.2	55.6	48.8	45.8	48.9	48.7	54.6	66.5
Oriental Mindoro	89.8	92.0	96.2	87.3	95.1	85.1	80.9	59.3	28.3	27.8
Palawan	6,105.2	4,074.7	4,009.6	4,562.7	4,347.8	2,455.2	2,274.7	2,810.4	2,272.6	2,296.8
Romblon	119.5	89.3	86.6	75.8	52.6	55.9	69.4	64.9	44.8	70.3
Bicol Region	1,758.4	1,462.4	1,679.9	1,709.8	1,628.7	1,956.0	1,853.0	1,403.3	1,341.1	1,359.1
Albay	139.1	67.2	142.6	205.3	266.6	314.9	291.2	270.2	282.1	303.3
Camarines Norte	675.1	611.2	795.9	784.1	749.9	1,085.1	1,085.9	756.1	536.3	523.4
Camarines Sur	119.5	152.8	138.5	141.3	120.6	104.8	83.0	70.2	114.5	132.5
Catanduanes	726.3	539.2	544.9	522.1	414.3	379.4	296.6	220.6	190.2	175.0
Masbate	30.9	73.6	50.6	52.7	60.5	54.7	79.5	80.7	213.6	221.2
Sorsogon	67.6	18.4	7.5	4.4	16.8	17.2	16.8	5.6	4.4	3.7
Western Visayas	1,372.1	1,893.8	2,035.4	1,749.5	3,065.5	2,219.3	1,987.7	1,734.2	1,589.2	1,096.5
Aklan	46.6	59.2	64.2	52.8	61.3	58.1	60.9	59.4	57.9	64.0
Antique	140.6	160.3	174.1	168.3	145.9	151.1	162.6	120.0	103.3	101.3
Capiz	150.8	664.2	851.3	816.9	1,021.8	1,000.2	1,023.9	1,047.8	939.1	598.7
Guimaras	211.7	225.2	198.8	145.1	128.9	198.5	159.1	131.8	171.0	150.3
Iloilo	320.6	455.8	575.1	441.5	1,605.5	717.5	415.0	216.8	215.7	65.9
Negros Occidental	501.8	329.0	172.0	124.9	102.2	93.9	166.2	158.4	102.0	116.3
Central Visayas	381.4	418.1	360.5	336.3	317.6	357.2	456.4	626.5	809.9	995.1
Bohol	98.6	80.9	73.6	60.3	56.5	59.2	51.7	73.1	103.6	131.3
Cebu	155.5	210.1	206.0	205.8	198.4	239.0	357.0	506.2	637.2	796.5
Negros Oriental	98.3	101.8	56.8	48.6	41.2	39.1	27.8	28.2	48.6	48.8
Siquijor	28.9	25.3	24.1	21.5	21.5	19.9	20.0	19.0	20.5	18.5
Eastern Visayas	1,307.1	1,557.1	1,873.3	1,799.2	2,051.0	1,847.2	1,864.1	1,583.1	1,555.1	1,925.3
Biliran	16.6	37.8	21.7	29.4	39.5	64.8	76.9	72.3	74.7	152.7
Eastern Samar	346.9	474.9	898.3	870.9	842.8	748.5	680.9	499.6	381.1	146.2
Leyte	157.9	66.3	54.6	52.9	205.3	174.7	211.1	137.6	193.2	514.5
Northern Samar	421.4	325.2	378.2	400.2	394.5	451.1	462.3	438.7	405.9	424.0
Southern Leyte	53.5	251.7	184.4	73.2	62.1	15.9	23.6	27.4	25.6	20.0
Samar	310.8	401.2	336.2	372.6	506.9	392.1	409.3	407.5	474.7	667.9
Zamboanga Peninsula	1,438.5	1,888.4	2,315.9	2,116.5	2,488.5	2,793.2	2,530.0	2,515.9	2,558.2	2,129.7
Zamboanga del Norte	50.7	39.0	5.2	4.8	7.3	7.7	7.2	9.3	10.9	10.4
Zamboanga del Sur	425.6	449.7	516.7	648.1	470.2	487.8	509.7	527.8	538.2	453.7
Zamboanga City	632.5	878.4	836.3	915.9	902.2	854.0	680.7	787.2	644.8	646.4
Zamboanga Sibugay	329.6	521.3	957.7	547.8	1,108.9	1,443.8	1,332.4	1,191.5	1,364.2	1,019.3
Northern Mindanao	562.2	593.3	537.0	456.7	229.8	236.6	285.4	247.1	295.5	344.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	1.7	2.0	3.0	4.4	6.1	6.1	6.2	6.8	6.6	6.9
Lanao del Norte	391.0	401.2	306.8	254.0	129.4	132.0	124.9	125.5	152.2	153.0
Misamis Occidental	160.4	178.4	215.2	186.9	83.5	89.4	87.7	92.1	105.0	153.3
Misamis Oriental	9.1	11.7	11.9	11.4	10.8	9.0	66.6	22.8	31.8	31.0
Davao Region	497.8	339.2	380.7	514.0	232.0	252.0	220.6	161.8	146.4	166.1
Davao del Norte	36.5	13.4	34.6	32.1	35.1	28.5	22.4	10.2	15.4	13.1
Davao del Sur	80.5	54.4	74.3	198.4	64.5	90.1	99.0	29.9	44.3	75.4
Davao City	17.8	7.6	15.8	19.2	14.7	17.3	10.4	8.3	7.6	4.5
Davao Oriental	318.4	227.8	222.0	225.0	97.5	100.2	73.8	78.0	53.2	55.8
Compostela Valley	44.7	36.0	34.0	39.3	20.2	16.0	15.0	35.4	25.9	17.2
SOCCSKSARGEN	101.9	182.1	138.8	107.4	96.0	115.3	107.2	89.4	173.1	90.7
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	27.9	108.4	68.8	36.0	29.5	57.6	50.3	17.8	66.9	12.3
South Cotabato	3.2	2.7	2.1	1.6	3.1	4.0	5.9	6.4	50.3	22.8
Sultan Kudarat	70.8	71.0	68.0	69.8	63.4	53.7	51.0	65.2	55.9	55.6
Caraga	758.5	542.0	516.6	451.2	367.1	462.4	534.0	684.2	756.5	771.2
Agusan del Norte	3.2	10.0	7.7	3.3	4.2	4.9	9.4	6.9	5.5	4.3
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	81.4	78.5
Surigao del Norte	669.2	465.4	448.1	423.5	331.8	434.1	491.3	577.4	404.1	330.1
Surigao del Sur	86.1	66.6	60.9	24.4	31.0	23.4	33.3	100.0	265.5	358.4
ARMM	1,682.8	1,390.0	1,686.2	1,705.5	1,668.6	2,208.6	2,305.2	2,426.0	2,121.0	2,222.9
Basilan	70.3	78.3	81.2	76.8	81.5	90.9	98.3	99.7	73.0	103.3
Lanao del Sur	264.3	268.9	275.5	270.1	271.5	619.8	606.3	521.7	353.8	357.5
Maguindanao	34.7	72.1	93.7	127.7	141.0	149.2	150.1	164.7	168.2	183.1
Sulu	492.7	459.3	446.1	443.7	451.1	455.7	465.7	460.0	435.3	433.5
Tawi-tawi	820.8	511.5	789.7	787.3	723.6	893.1	984.9	1,179.8	1,090.8	1,145.4

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Hairtail (Espada)										
Philippines	**12,181.8**	**10,291.7**	**9,451.3**	**9,964.9**	**10,551.8**	**11,456.5**	**10,917.5**	**13,210.7**	**10,630.1**	**11,914.6**
NCR	86.5	35.7	32.0	8.0	17.1	29.6	68.3	123.1	229.6	391.2
Metro Manila	86.5	35.7	32.0	8.0	17.1	29.6	68.3	123.1	229.6	391.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	352.5	261.0	177.2	349.0	175.8	206.1	172.2	175.2	158.2	144.0
Ilocos Norte	5.9	8.0	4.5	17.5	74.5	91.2	49.5	40.0	17.2	16.2
Ilocos Sur	2.3	1.4	8.2	6.6	6.9	5.9	6.8	6.7	6.8	6.8
La Union	158.1	70.5	95.1	168.4	16.4	19.1	15.9	28.6	26.2	12.8
Pangasinan	186.3	181.0	69.4	156.7	78.0	89.9	100.0	100.0	108.1	108.2
Cagayan Valley	741.1	893.9	1,072.3	1,158.8	919.3	1,086.5	1,339.0	1,673.3	1,852.6	1,658.8
Batanes	20.5	26.7	26.1	5.4	4.0	2.2	5.3	3.2	1.0	..
Cagayan	715.6	861.0	1,040.4	1,148.4	908.7	1,078.1	1,326.5	1,663.2	1,844.2	1,652.1
Isabela	5.0	6.2	5.8	5.0	6.6	6.2	7.1	6.9	7.4	6.7
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	235.4	152.5	170.2	148.8	164.6	187.1	174.7	174.7	161.3	215.7
Aurora	61.1	35.1	47.4	43.2	39.2	40.3	42.1	42.4	35.9	29.4
Bataan	83.4	110.1	113.0	102.7	85.1	90.4	90.5	94.0	105.9	156.1
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	0.6
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	90.9	7.3	9.9	2.9	40.4	56.4	42.1	38.2	19.4	29.6
CALABARZON	1,125.4	868.4	243.7	171.2	263.8	260.8	375.0	557.4	266.2	214.6
Batangas	29.9	14.6	21.8	2.5	..	..	..	2.7	1.8	3.0
Cavite	51.1	48.6	65.9	31.9	40.9	36.2	53.4	68.9	69.1	95.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,044.4	805.2	156.1	136.8	222.9	224.6	321.6	485.8	195.3	116.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,841.6	1,559.6	1,467.8	1,638.0	1,599.7	2,274.8	1,475.6	1,513.4	1,534.6	2,415.7
Marinduque	52.1	53.0	58.1	61.0	79.8	93.6	84.1	73.4	89.0	91.7
Occidental Mindoro	157.7	157.8	158.0	150.7	154.3	161.2	173.5	174.3	169.9	150.6
Oriental Mindoro	29.7	30.7	26.5	26.1	34.0	42.6	46.3	41.6	20.4	40.4
Palawan	1,525.2	1,248.4	1,150.4	1,312.6	1,293.1	1,937.1	1,112.7	1,188.5	1,204.5	1,835.0
Romblon	76.8	69.7	74.8	87.6	38.6	40.3	59.1	35.6	50.8	297.9
Bicol Region	807.4	799.2	1,649.0	1,680.5	1,179.1	1,106.6	989.0	1,694.4	601.5	1,527.7
Albay	58.0	15.7	67.5	66.6	39.2	32.1	..	6.6	10.2	59.6
Camarines Norte	53.5	73.7	96.8	93.4	99.5	110.2	99.8	750.5	40.2	810.5
Camarines Sur	32.0	122.0	463.2	416.9	455.6	434.2	426.4	393.6	217.9	254.3
Catanduanes	126.7	53.7	11.2	7.9	27.0	32.0	32.5	35.3	28.1	29.3
Masbate	440.3	312.3	374.1	400.6	383.2	332.7	314.3	444.8	251.0	301.6
Sorsogon	97.0	221.8	636.2	695.2	174.7	165.4	116.1	63.6	54.3	72.3
Western Visayas	3,127.4	2,259.1	1,879.8	2,382.4	4,214.1	4,113.6	3,895.6	4,656.2	2,274.0	1,780.2
Aklan	131.6	100.6	128.5	133.6	183.1	179.7	211.8	241.4	214.3	216.6
Antique	369.8	258.0	205.1	215.0	244.5	195.2	194.3	180.7	144.9	112.9
Capiz	686.0	291.1	168.6	223.1	479.8	570.6	503.2	701.7	884.6	550.8
Guimaras	46.7	46.1	50.4	46.0	66.0	128.5	156.1	248.9	204.4	189.2
Iloilo	1,128.3	1,117.1	1,180.0	1,597.9	2,932.4	2,723.0	2,575.3	3,025.3	813.3	682.9
Negros Occidental	765.1	446.2	147.3	166.9	308.3	316.7	254.9	258.3	12.6	27.9
Central Visayas	73.1	71.9	45.4	45.2	79.9	78.1	54.8	76.1	173.8	478.9
Bohol	2.5	16.9	4.4	8.6	31.0	33.0	23.2	31.7	62.2	199.0
Cebu	29.4	24.4	15.7	17.7	31.6	28.5	21.6	37.5	72.2	125.2
Negros Oriental	40.9	30.5	25.3	18.9	17.3	16.6	10.0	6.8	39.4	154.7
Siquijor	0.2	0.0	..	..	..	..	..	..	0.0	0.1
Eastern Visayas	965.0	709.8	609.7	646.4	620.9	728.9	742.4	933.0	1,132.1	1,119.8
Biliran	16.0	9.9	8.1	5.9	0.5	0.3	0.2	0.2	0.1	63.6
Eastern Samar	172.2	75.4	59.3	44.7	57.6	60.8	78.7	90.3	41.6	62.2
Leyte	200.7	79.4	28.2	13.7	32.2	75.0	96.4	113.7	58.6	63.1
Northern Samar	201.3	221.3	224.2	223.3	249.9	230.8	221.7	228.9	218.7	185.4
Southern Leyte	39.4	27.5	22.0	121.3	90.2	86.8	81.8	81.5	97.0	44.8
Samar	335.4	296.3	268.0	237.5	190.6	275.4	263.6	418.4	716.1	700.9
Zamboanga Peninsula	1,065.5	1,421.0	694.0	649.8	460.4	636.2	774.3	714.4	941.9	682.0
Zamboanga del Norte	432.2	230.4	53.3	30.4	32.6	74.5	72.9	55.6	96.7	70.1
Zamboanga del Sur	96.7	218.2	210.6	200.8	201.2	229.5	240.4	213.6	191.3	173.4
Zamboanga City	91.2	..	..	..	4.8	7.5	272.6	237.7	437.4	220.5
Zamboanga Sibugay	445.4	972.4	430.2	418.6	221.9	324.7	188.4	207.5	216.5	218.0
Northern Mindanao	392.7	406.3	370.7	310.5	252.6	304.0	421.7	377.5	435.6	564.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	21.0	5.5	4.2	13.5	9.0	9.1	9.9	9.1	57.6	52.3
Lanao del Norte	65.9	189.8	149.1	82.9	127.5	146.0	129.1	150.7	181.6	190.9
Misamis Occidental	175.5	151.9	170.6	150.0	57.1	58.1	58.8	83.2	84.9	100.1
Misamis Oriental	130.3	59.1	46.8	64.0	59.0	90.8	224.0	134.5	111.5	221.1
Davao Region	301.5	171.1	366.2	254.9	222.6	121.4	83.3	122.0	281.1	281.7
Davao del Norte	84.1	32.6	124.5	78.7	31.4	32.1	14.1	14.2	11.3	15.5
Davao del Sur	57.1	42.5	30.8	79.7	66.4	3.0	..	0.3	52.8	176.6
Davao City	23.6	20.9	42.3	63.2	66.5	55.5	49.3	46.6	36.9	25.2
Davao Oriental	95.1	33.3	129.1	11.2	53.0	26.7	15.4	56.7	176.3	45.4
Compostela Valley	41.6	41.7	39.6	22.0	5.4	4.0	4.5	4.2	3.8	19.1
SOCCSKSARGEN	33.1	20.0	62.5	46.4	38.8	20.9	18.6	28.1	167.6	72.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	16.6	6.8	44.6	32.7	25.3	7.2	7.4	7.2	144.9	43.9
South Cotabato	3.8	2.3	7.3	3.8	4.2	4.4	3.2	5.7	5.3	11.3
Sultan Kudarat	12.7	10.9	10.6	9.9	9.3	9.3	8.1	15.1	17.4	17.4
Caraga	565.2	369.9	315.5	210.1	133.3	90.5	128.0	216.0	252.1	218.1
Agusan del Norte	12.2	23.1	24.6	23.2	10.6	5.4	28.0	24.1	23.4	19.2
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	497.5	230.6	168.4	111.8	62.1	38.7	47.0	63.3	62.2	114.5
Surigao del Sur	55.6	116.2	122.5	75.1	60.7	46.5	53.0	128.6	166.5	84.4
ARMM	468.5	292.6	295.3	264.9	209.8	211.3	205.2	176.1	168.1	149.2
Basilan	..	..	..	..	..	..	..	..	13.5	6.2
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	20.0	42.8	49.4	54.8	56.5	58.5	54.3	48.3	41.5	44.0
Sulu	129.2	69.9	67.1	65.5	47.0	40.3	38.5	19.4	4.0	3.0
Tawi-tawi	319.4	180.0	178.9	144.6	106.4	112.6	112.4	108.4	109.2	96.0

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Indian mackerel (Alumahan)										
Philippines	**52,379.6**	**49,316.9**	**48,705.2**	**47,282.5**	**42,530.3**	**44,040.3**	**41,330.3**	**41,935.8**	**39,386.9**	**37,350.7**
NCR	27.5	31.9	67.5	78.3	51.4	54.5	54.2	58.2	21.5	325.5
Metro Manila	27.5	31.9	67.5	78.3	51.4	54.5	54.2	58.2	21.5	325.5
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	329.3	355.9	261.4	235.7	130.9	156.9	156.2	149.0	166.3	161.1
Ilocos Norte	107.5	77.7	32.8	17.8	84.9	92.2	90.3	50.3	92.1	86.2
Ilocos Sur	9.2	6.7	11.1	8.8	24.8	31.3	18.9	13.6	6.5	6.4
La Union	188.0	165.0	70.0	166.3	12.9	13.9	11.7	36.1	14.4	14.9
Pangasinan	24.7	106.5	147.5	42.9	8.2	19.6	35.3	48.9	53.4	53.6
Cagayan Valley	41.5	166.7	181.4	157.7	184.1	216.4	251.2	227.2	269.0	255.2
Batanes	13.7	17.8	17.4	3.6	15.7	16.1	10.9	..	..	..
Cagayan	19.2	139.2	153.9	145.9	157.5	189.6	226.7	213.5	254.8	241.9
Isabela	8.6	9.6	10.1	8.2	11.0	10.7	13.6	13.7	14.2	13.3
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	532.0	497.0	482.8	478.0	528.5	536.2	560.6	552.3	652.7	718.3
Aurora	68.8	75.9	77.9	75.2	57.6	58.0	62.5	62.2	55.6	48.9
Bataan	229.5	236.0	237.0	234.2	257.5	256.6	257.7	246.9	360.9	441.1
Bulacan	28.4	7.5	0.3	..	..	..	..	..	11.1	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	85.2	107.9	119.5	112.3	123.1	128.3	130.4	121.4	123.1	111.3
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	120.1	69.8	48.1	56.3	90.4	93.2	109.9	121.8	102.0	117.0
CALABARZON	1,842.0	2,242.6	4,173.8	3,474.5	2,627.9	2,964.6	2,394.5	1,903.5	2,666.3	2,341.1
Batangas	843.0	913.0	1,032.2	1,068.0	889.0	932.0	715.5	666.0	498.4	368.1
Cavite	227.1	227.8	714.8	721.0	245.0	159.3	138.2	285.8	170.4	196.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	771.9	1,101.8	2,426.8	1,685.5	1,494.0	1,873.4	1,540.8	951.7	1,997.6	1,776.5
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	12,974.4	14,003.2	11,732.0	11,542.5	9,318.2	8,798.7	8,235.8	9,847.5	8,669.3	7,047.3
Marinduque	271.2	265.7	264.9	248.5	230.9	225.9	220.4	224.0	203.1	187.6
Occidental Mindoro	193.2	186.8	182.5	175.9	178.4	185.1	195.3	197.5	192.6	178.0
Oriental Mindoro	360.8	372.7	406.0	401.3	435.4	504.8	530.5	533.6	443.4	467.7
Palawan	11,771.5	12,810.2	10,456.7	10,289.6	7,892.8	7,195.4	6,699.0	8,268.3	7,232.9	5,804.6
Romblon	377.6	367.7	421.9	427.3	580.7	687.5	590.6	624.1	597.4	409.6
Bicol Region	14,226.8	10,121.3	8,769.4	9,317.1	8,548.6	8,637.6	8,101.2	7,554.2	7,136.5	6,887.6
Albay	592.9	802.4	666.9	648.9	638.6	536.8	575.2	544.5	572.1	552.9
Camarines Norte	1,605.1	1,622.6	1,844.0	1,703.5	1,414.8	1,469.2	1,478.5	972.1	505.7	368.1
Camarines Sur	8,719.7	4,182.7	2,554.7	2,941.6	2,890.9	2,769.9	2,770.5	2,658.8	2,110.5	1,068.8
Catanduanes	80.2	97.4	162.1	277.1	283.5	334.6	312.1	264.8	217.9	173.6
Masbate	2,738.9	3,154.9	3,446.1	3,629.5	3,097.5	3,170.0	2,749.3	2,892.1	3,439.7	4,392.9
Sorsogon	490.1	261.4	95.6	116.6	223.2	357.1	215.6	221.9	290.6	331.3
Western Visayas	2,526.9	2,725.8	2,271.7	2,217.9	1,925.5	2,593.4	1,862.2	1,747.7	1,536.8	2,103.1
Aklan	152.4	173.8	243.9	256.0	260.8	251.5	285.2	307.1	313.1	258.7
Antique	190.4	268.8	198.7	171.7	260.3	198.6	210.4	214.8	200.9	206.9
Capiz	664.0	289.3	109.2	140.3	123.3	141.0	121.6	155.3	159.6	145.9
Guimaras	74.3	78.7	64.9	42.6	70.0	185.6	148.7	61.4	77.6	108.8
Iloilo	794.7	551.5	587.3	639.2	414.6	628.4	560.3	511.1	280.4	815.6
Negros Occidental	651.2	1,363.7	1,067.8	968.1	796.4	1,188.4	536.0	498.1	505.1	567.1
Central Visayas	2,382.6	2,330.8	2,728.8	2,641.3	2,294.0	2,298.3	2,044.4	1,847.2	2,410.2	2,426.1
Bohol	585.8	432.9	411.1	409.6	443.5	361.1	232.0	104.6	269.3	326.7
Cebu	1,300.4	1,380.4	1,947.2	1,881.7	1,497.7	1,596.5	1,515.8	1,479.4	1,784.2	1,881.5
Negros Oriental	337.3	353.9	219.5	200.1	192.6	167.8	134.4	113.4	204.6	90.1
Siquijor	159.1	163.6	151.0	149.9	160.3	172.8	162.3	149.8	152.2	127.8
Eastern Visayas	3,847.2	2,788.5	3,390.9	3,389.3	3,754.6	3,731.3	3,473.6	3,648.0	3,186.3	2,910.6
Biliran	49.2	176.6	203.1	114.2	97.1	151.8	148.5	135.0	219.6	302.9
Eastern Samar	512.2	231.0	217.5	184.9	75.5	72.1	97.1	93.9	322.0	300.7
Leyte	380.5	121.1	205.9	113.2	356.2	160.2	84.7	202.7	234.2	193.5
Northern Samar	980.7	986.0	939.7	784.1	857.4	827.0	869.9	909.4	951.2	998.8
Southern Leyte	249.7	148.0	173.7	143.5	125.3	85.5	211.5	174.8	166.4	70.4
Samar	1,675.0	1,125.8	1,651.1	2,049.4	2,243.1	2,434.8	2,061.8	2,132.2	1,292.9	1,044.4
Zamboanga Peninsula	5,620.4	5,398.5	5,364.9	4,474.2	4,566.3	5,279.1	5,214.4	5,413.2	4,974.5	4,465.6
Zamboanga del Norte	1,678.6	1,552.6	856.9	270.7	237.3	211.1	313.1	215.3	203.6	237.6
Zamboanga del Sur	787.6	1,152.3	1,042.0	1,048.3	855.3	917.8	916.0	872.4	912.6	654.8
Zamboanga City	1,567.9	1,185.5	1,524.2	1,835.2	2,461.3	2,850.5	2,511.5	2,693.9	2,892.4	3,080.9
Zamboanga Sibugay	1,586.3	1,508.1	1,941.7	1,320.0	1,012.3	1,299.7	1,473.7	1,631.7	965.9	492.3
Northern Mindanao	214.3	179.3	236.1	322.4	404.0	548.7	551.4	532.6	660.4	698.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	16.5	7.6	22.9	18.4	38.2	47.8	33.6	44.7	75.4	34.2
Lanao del Norte	70.0	100.0	104.9	220.5	310.9	480.5	467.3	404.3	510.9	543.3
Misamis Occidental	98.6	39.2	54.2	30.3	10.2	13.0	12.7	37.5	35.9	100.7
Misamis Oriental	29.2	32.5	54.2	53.2	44.7	7.4	37.8	46.2	38.2	20.6
Davao Region	1,366.5	1,115.1	1,052.6	1,175.9	673.7	468.8	277.0	491.7	302.2	583.0
Davao del Norte	184.9	160.4	218.3	244.8	137.5	120.1	71.1	44.4	77.7	59.4
Davao del Sur	650.3	513.4	348.1	159.5	132.1	31.7	12.6	157.8	37.3	257.3
Davao City	110.0	103.3	75.4	37.3	33.0	28.3	32.5	137.2	49.9	79.6
Davao Oriental	183.7	78.7	127.1	563.1	238.6	200.7	89.5	90.8	78.2	125.9
Compostela Valley	237.6	259.2	283.7	171.3	132.6	87.9	71.3	61.5	59.2	60.9
SOCCSKSARGEN	300.5	245.8	320.4	262.4	159.3	206.7	215.0	182.9	419.6	307.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	224.8	153.1	225.5	166.9	71.8	75.7	105.5	42.1	263.3	131.2
South Cotabato	7.5	22.8	25.7	28.5	29.2	34.4	29.8	9.4	14.3	32.6
Sultan Kudarat	68.2	70.0	69.3	67.0	58.4	96.7	79.7	131.5	142.0	143.3
Caraga	304.4	559.2	823.9	802.9	813.8	715.0	846.0	872.1	941.3	842.9
Agusan del Norte	29.9	20.5	39.8	39.0	15.7	10.6	39.9	47.0	46.8	45.6
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	158.1	196.9
Surigao del Norte	243.3	507.6	734.2	712.8	786.9	695.7	772.9	749.1	602.4	510.9
Surigao del Sur	31.2	31.1	49.9	51.1	11.2	8.7	33.2	76.0	134.0	89.5
ARMM	5,843.4	6,555.4	6,847.6	6,712.5	6,549.4	6,834.4	7,092.7	6,908.5	5,374.0	5,277.3
Basilan	2,307.9	2,407.2	2,483.8	2,278.5	2,129.7	2,081.5	2,189.5	2,126.4	743.0	539.3
Lanao del Sur	1,037.7	1,047.2	1,065.4	1,057.1	1,056.6	1,055.5	1,307.9	872.3	530.9	555.2
Maguindanao	481.8	463.7	483.6	408.3	420.2	416.1	382.7	388.2	388.5	520.1
Sulu	468.5	690.8	717.5	751.4	772.5	797.5	800.4	831.4	801.3	733.9
Tawi-tawi	1,547.5	1,946.5	2,097.4	2,217.2	2,170.5	2,483.8	2,412.2	2,690.2	2,910.3	2,928.8

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Indian sardines (Tamban)										
Philippines	**68,675.2**	**63,750.7**	**68,219.3**	**65,893.1**	**70,898.4**	**70,393.9**	**65,706.3**	**72,896.4**	**74,486.7**	**71,082.7**
NCR	65.1	34.6	22.0	20.0	166.9	194.4	252.7	92.3	537.0	1,031.9
Metro Manila	65.1	34.6	22.0	20.0	166.9	194.4	252.7	92.3	537.0	1,031.9
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	395.2	90.9	79.6	102.4	157.8	164.1	125.3	202.0	80.6	85.7
Ilocos Norte	292.1	17.7	47.7	77.7	107.3	103.4	93.5	135.1	24.5	19.1
Ilocos Sur	18.1	28.4	9.5	3.3	42.2	46.7	23.7	44.9	35.5	36.0
La Union	78.6	44.8	22.3	21.4	8.3	8.0	1.5	15.3	13.8	23.8
Pangasinan	6.3	..	..	..	..	6.1	6.7	6.7	6.7	6.8
Cagayan Valley	304.0	215.5	268.1	246.0	178.5	223.3	288.7	309.7	347.2	337.9
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	298.1	212.4	263.9	241.5	170.8	217.5	280.9	302.1	338.9	329.9
Isabela	5.9	3.2	4.2	4.5	7.7	5.8	7.9	7.7	8.3	8.0
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	222.5	229.8	348.1	303.1	226.4	222.6	227.9	247.3	359.7	1,641.6
Aurora	112.9	103.7	108.9	96.7	98.4	97.7	98.6	96.3	85.9	79.1
Bataan	8.5	10.0	10.1	9.4	7.7	7.0	9.0	11.2	98.9	292.7
Bulacan	..	..	..	..	..	..	..	..	55.7	49.1
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	45.3	63.9	60.6	65.4	57.8	53.4	53.8	52.1	52.1	49.5
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	55.8	52.3	168.4	131.7	62.6	64.5	66.6	87.7	67.3	1,171.3
CALABARZON	6,095.7	4,404.2	3,622.8	2,259.0	2,225.6	1,904.0	2,148.6	4,575.2	2,726.8	3,047.4
Batangas	4,367.1	2,939.2	2,245.6	1,670.1	1,596.3	1,641.9	1,985.6	3,083.2	2,011.2	2,292.3
Cavite	..	..	..	..	..	..	2.0	..	51.9	141.6
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,728.6	1,465.0	1,377.2	588.9	629.3	262.1	161.0	1,492.1	663.7	613.6
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	11,906.4	12,476.1	11,520.2	10,613.3	10,659.3	9,312.6	7,396.5	7,111.4	5,934.2	5,257.2
Marinduque	277.3	325.6	286.5	285.2	298.8	300.6	263.1	313.9	366.1	331.6
Occidental Mindoro	165.4	172.6	169.0	162.6	163.7	172.8	181.0	181.4	187.4	169.7
Oriental Mindoro	423.9	462.3	525.4	531.8	521.4	586.0	612.7	670.0	717.3	548.8
Palawan	10,569.3	10,948.7	10,045.7	9,142.2	9,153.3	7,816.3	5,787.2	5,323.4	4,102.4	3,754.4
Romblon	470.5	567.0	493.5	491.5	522.2	436.9	552.5	622.7	561.0	452.7
Bicol Region	8,176.3	8,085.9	9,004.9	9,855.7	10,400.2	8,227.6	6,489.8	5,633.9	4,272.0	3,912.0
Albay	299.0	494.4	429.5	469.3	427.1	463.0	507.0	479.1	497.5	506.7
Camarines Norte	562.2	526.8	555.8	526.2	544.3	573.8	549.7	335.0	522.5	398.6
Camarines Sur	410.4	376.1	789.9	757.4	766.7	763.9	777.0	747.3	655.9	709.1
Catanduanes	1,343.4	1,213.8	681.9	528.8	352.9	333.5	219.2	168.6	144.9	135.6
Masbate	5,126.0	5,270.4	6,461.7	7,488.2	8,181.0	5,937.4	4,211.9	3,802.7	2,435.0	2,100.5
Sorsogon	435.3	204.4	86.1	86.0	128.3	156.1	225.2	101.3	16.3	61.5
Western Visayas	4,828.1	3,855.4	3,221.3	2,274.6	3,937.1	2,298.0	3,037.5	3,628.8	5,815.1	4,968.4
Aklan	269.9	260.7	293.4	277.2	298.7	304.6	411.0	493.5	498.4	529.8
Antique	510.4	444.5	350.6	357.1	572.9	454.0	479.7	604.5	590.4	445.8
Capiz	52.7	43.0	16.1	22.3	59.3	47.8	61.6	60.0	67.2	102.5
Guimaras	134.1	121.5	111.1	59.9	75.1	95.0	123.1	232.8	124.7	389.8
Iloilo	1,442.9	1,182.7	1,099.1	824.6	729.1	619.6	1,112.7	653.6	610.6	676.1
Negros Occidental	2,418.3	1,803.0	1,351.1	733.7	2,202.1	777.0	849.3	1,584.4	3,923.9	2,824.3
Central Visayas	1,697.4	2,087.3	2,235.8	2,162.9	1,900.7	2,009.1	1,641.2	1,832.4	2,509.9	1,924.5
Bohol	172.0	452.0	580.0	537.6	511.2	502.9	539.5	743.4	1,212.7	776.6
Cebu	1,145.2	1,278.7	1,302.9	1,227.1	1,003.9	1,154.7	807.7	788.1	879.7	811.0
Negros Oriental	254.0	221.8	216.0	239.9	217.4	205.5	150.7	144.3	254.6	177.2
Siquijor	126.3	134.8	137.0	158.3	168.1	146.0	143.3	156.6	162.9	159.8
Eastern Visayas	6,359.3	5,417.8	5,325.5	5,332.3	4,180.6	3,014.5	2,861.7	3,193.1	3,774.3	3,403.8
Biliran	684.8	780.0	537.0	564.8	505.2	423.4	458.8	576.5	702.8	506.7
Eastern Samar	582.7	194.8	114.3	77.7	57.2	57.4	65.9	50.4	53.8	50.3
Leyte	938.4	321.3	541.8	566.4	374.8	336.7	498.3	572.6	625.8	592.2
Northern Samar	933.5	1,009.9	984.1	844.2	816.2	873.1	860.6	953.3	966.4	893.3
Southern Leyte	395.4	517.4	798.0	818.0	745.3	612.8	683.7	675.7	408.8	269.4
Samar	2,824.5	2,594.5	2,350.4	2,461.2	1,681.9	711.0	294.5	364.6	1,016.6	1,091.9
Zamboanga Peninsula	10,837.7	13,259.5	15,932.8	16,237.7	18,974.0	24,408.2	22,683.9	26,118.1	28,025.0	26,627.0
Zamboanga del Norte	7,593.0	7,692.1	9,783.7	10,081.6	13,469.8	18,523.6	17,285.5	20,191.7	22,019.6	20,846.3
Zamboanga del Sur	763.8	358.5	..	..	16.6	8.3	..	..	1,431.0	1,021.3
Zamboanga City	1,073.5	4,681.4	4,259.1	3,861.8	3,478.6	3,389.8	3,299.6	3,510.2	3,635.3	3,494.3
Zamboanga Sibugay	1,407.4	527.5	1,890.0	2,294.4	2,008.9	2,486.5	2,098.8	2,416.3	939.0	1,265.1
Northern Mindanao	4,175.8	3,504.3	4,591.2	4,993.7	7,043.4	7,332.1	7,755.7	8,122.8	8,104.1	7,429.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	229.8	128.9	223.5	147.3	214.5	211.0	234.6	164.1	238.9	138.7
Lanao del Norte	282.0	274.4	900.3	1,123.1	1,903.1	1,942.5	1,992.6	2,265.2	2,125.2	2,216.3
Misamis Occidental	507.6	313.3	255.9	580.3	1,653.0	1,835.0	1,976.5	1,935.8	2,082.2	2,096.0
Misamis Oriental	3,156.5	2,787.7	3,211.5	3,143.0	3,272.8	3,343.6	3,552.0	3,757.8	3,657.8	2,978.4
Davao Region	3,024.8	1,480.2	1,741.6	867.1	775.6	1,215.3	929.0	1,312.8	1,791.9	1,418.5
Davao del Norte	198.1	39.6	156.2	68.7	84.5	71.6	54.2	162.0	284.9	81.7
Davao del Sur	1,524.9	650.6	590.6	216.9	287.3	805.8	615.2	522.3	813.1	710.4
Davao City	315.6	31.9	70.9	34.8	46.8	42.8	29.5	297.0	246.0	36.5
Davao Oriental	111.9	86.3	204.4	104.8	59.2	43.7	34.5	184.9	259.9	470.5
Compostela Valley	874.3	671.8	719.5	442.1	297.8	251.3	195.7	146.6	188.0	119.4
SOCCSKSARGEN	3,598.5	1,484.6	1,783.4	1,750.0	1,212.7	1,232.8	1,116.8	714.2	782.6	605.6
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	2,447.0	527.4	849.6	984.5	409.6	431.0	654.1	343.3	475.5	228.7
South Cotabato	384.0	148.2	135.1	69.7	67.0	82.6	103.2	114.3	98.7	151.3
Sultan Kudarat	767.6	809.0	798.6	695.8	736.2	719.2	359.6	256.6	208.4	225.6
Caraga	4,099.1	3,947.0	4,414.8	4,658.7	4,793.9	4,427.8	4,290.5	4,391.6	4,260.3	4,247.3
Agusan del Norte	2,418.9	1,961.6	2,107.4	2,157.9	2,364.3	2,790.3	2,787.3	2,646.4	2,582.6	2,586.8
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	143.3	123.4
Surigao del Norte	1,610.1	1,908.0	2,218.5	2,418.7	2,350.1	1,560.7	1,403.8	1,579.9	1,316.2	1,356.4
Surigao del Sur	70.0	77.4	89.0	82.1	79.5	76.9	99.4	165.3	218.1	180.7
ARMM	2,889.3	3,177.6	4,107.3	4,216.7	4,065.8	4,207.3	4,460.5	5,410.9	5,166.1	5,144.7
Basilan	325.9	394.3	425.1	497.5	505.0	540.8	560.1	566.9	411.0	450.9
Lanao del Sur	656.0	671.4	687.1	682.2	680.3	251.7	622.1	1,154.3	890.8	896.5
Maguindanao	354.5	379.8	402.5	414.9	315.7	306.7	331.8	366.4	351.9	429.6
Sulu	400.2	559.1	605.5	616.0	626.0	628.4	629.8	650.8	683.6	674.0
Tawi-tawi	1,152.7	1,172.9	1,987.1	2,006.0	1,938.8	2,479.8	2,316.6	2,672.6	2,828.8	2,693.7

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Indo-pacific mackerel (Hasa-hasa)										
Philippines	**28,145.4**	**27,804.5**	**32,316.2**	**33,091.6**	**29,861.6**	**28,760.3**	**26,787.7**	**26,480.2**	**24,868.2**	**23,623.9**
NCR	365.4	436.8	1,355.6	1,526.2	321.8	291.8	258.1	736.9	668.8	448.1
Metro Manila	365.4	436.8	1,355.6	1,526.2	321.8	291.8	258.1	736.9	668.8	448.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	631.1	150.3	242.9	473.2	456.2	81.4	81.9	94.1	101.2	104.7
Ilocos Norte	19.5	36.7	15.8	13.0	8.4	15.2	15.2	12.0	23.9	23.1
Ilocos Sur	4.4	13.8	12.9	14.3	6.8	8.0	7.4	6.1	13.2	12.6
La Union	429.8	99.2	198.4	383.7	381.9	19.4	15.4	33.1	18.3	23.0
Pangasinan	177.4	0.7	15.8	62.3	59.0	38.9	43.9	43.0	45.8	46.1
Cagayan Valley	200.8	173.3	197.1	187.4	203.3	222.8	209.5	205.4	221.0	204.1
Batanes	6.7	8.0	7.8	1.5	15.5	15.7	11.6	4.5	2.8	3.8
Cagayan	187.2	153.1	176.3	174.9	173.3	192.8	182.0	185.5	201.8	184.7
Isabela	7.0	12.2	13.1	11.1	14.6	14.3	15.9	15.5	16.4	15.7
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	2,997.0	2,467.8	2,501.7	2,520.6	2,228.6	2,080.7	2,085.2	1,989.6	1,130.9	1,065.6
Aurora	50.0	55.3	62.8	62.2	53.5	53.7	55.9	55.3	48.7	41.6
Bataan	2,688.4	2,164.7	2,214.2	2,273.2	2,015.3	1,874.3	1,884.0	1,798.8	874.3	840.2
Bulacan	49.3	57.2	34.0	19.3	14.9	..	..	..	79.1	25.4
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	96.1	132.3	146.9	124.0	108.9	115.0	106.8	100.0	101.6	94.5
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	113.1	58.3	44.0	41.9	36.1	37.7	38.4	35.5	27.3	63.9
CALABARZON	1,333.3	1,034.8	1,589.5	1,801.0	1,232.7	986.7	803.0	635.8	1,048.4	488.7
Batangas	669.4	578.7	740.8	709.6	566.3	525.0	464.8	198.0	147.2	249.6
Cavite	520.8	353.1	846.1	949.6	445.3	309.0	214.0	349.1	512.4	188.3
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	143.1	103.0	2.6	141.8	221.2	152.8	124.1	88.8	388.8	50.8
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	6,720.5	6,683.4	5,790.4	6,370.4	6,584.9	5,440.3	3,805.9	3,775.6	3,928.7	4,082.0
Marinduque	33.0	35.9	48.6	46.8	48.9	61.2	60.0	63.1	36.5	50.8
Occidental Mindoro	108.2	106.6	122.7	119.5	122.6	131.1	140.4	141.9	144.0	120.7
Oriental Mindoro	82.4	85.9	81.8	79.7	88.0	92.8	97.0	97.9	94.7	119.8
Palawan	6,347.3	6,214.6	5,318.0	5,921.2	6,064.4	4,968.6	3,287.3	3,265.8	3,461.2	3,520.5
Romblon	149.7	240.5	219.3	203.2	261.1	186.7	221.2	207.0	192.3	270.2
Bicol Region	1,007.7	2,343.1	5,183.5	5,367.6	4,429.1	4,342.9	4,483.6	3,979.1	4,367.9	4,720.1
Albay	58.1	57.9	116.0	156.1	176.3	111.6	145.5	118.8	138.0	164.3
Camarines Norte	51.5	25.0	19.5	11.2	2.0	3.2	5.6	17.3	11.5	3.4
Camarines Sur	119.8	293.7	160.6	183.7	188.2	159.4	159.5	145.4	153.4	138.5
Catanduanes	91.3	56.3	110.2	61.2	49.1	42.0	37.1	30.4	20.0	20.7
Masbate	566.8	736.2	1,160.5	1,325.5	3,082.0	3,071.9	3,248.2	3,128.5	3,681.4	3,989.1
Sorsogon	120.2	1,174.0	3,616.7	3,629.9	931.6	954.9	887.7	538.8	363.5	404.1
Western Visayas	3,142.6	5,099.9	5,617.9	5,076.6	4,902.2	4,881.8	4,777.9	4,906.8	4,091.9	4,538.2
Aklan	314.7	318.1	389.2	393.9	376.5	382.5	439.6	475.3	460.7	483.9
Antique	21.0	29.1	22.9	21.0	34.2	35.3	34.5	27.0	48.6	45.2
Capiz	687.3	2,527.5	3,147.2	3,040.4	2,926.4	3,006.5	2,844.6	3,051.2	2,213.4	1,882.2
Guimaras	21.5	14.7	20.5	14.3	37.4	92.0	56.1	27.5	13.9	20.2
Iloilo	1,356.8	1,274.3	1,185.8	797.9	187.8	222.0	244.7	333.4	303.2	660.4
Negros Occidental	741.3	936.2	852.3	809.2	1,340.0	1,143.7	1,158.4	992.4	1,052.1	1,446.3
Central Visayas	429.3	487.2	437.0	399.9	624.8	756.9	559.6	350.4	304.3	316.5
Bohol	60.4	48.2	55.8	60.8	148.2	165.1	107.7	78.0	110.9	35.1
Cebu	346.8	408.8	356.9	309.9	456.2	573.1	434.9	248.4	174.7	260.9
Negros Oriental	17.5	25.4	18.6	22.9	13.9	12.4	11.2	19.3	13.5	16.3
Siquijor	4.6	4.9	5.7	6.4	6.6	6.4	5.8	4.7	5.3	4.2
Eastern Visayas	6,827.4	5,876.8	5,717.4	5,386.0	4,596.0	5,066.2	4,822.8	4,870.1	4,575.7	3,396.5
Biliran	340.4	584.7	456.6	526.5	570.3	501.7	503.5	502.4	757.1	446.1
Eastern Samar	518.9	121.4	34.2	26.1	14.7	36.4	30.4	19.1	62.0	68.0
Leyte	916.0	1,346.5	1,915.9	1,657.2	1,014.6	1,079.8	1,251.8	1,249.2	495.6	561.7
Northern Samar	575.1	762.2	824.4	750.5	730.7	714.5	666.5	627.3	598.8	568.4
Southern Leyte	154.0	77.6	72.0	70.0	52.9	31.5	37.5	58.3	98.1	102.4
Samar	4,323.0	2,984.5	2,414.3	2,355.8	2,212.9	2,702.3	2,333.2	2,413.9	2,564.2	1,649.8
Zamboanga Peninsula	2,434.0	1,386.1	1,869.5	1,772.3	2,023.5	2,146.1	2,165.5	1,976.0	1,548.4	1,232.0
Zamboanga del Norte	1,010.7	627.6	631.2	327.5	304.7	331.6	128.9	59.2	56.0	59.4
Zamboanga del Sur	680.3	615.1	573.5	464.5	513.8	583.6	630.6	628.5	546.8	436.7
Zamboanga City	81.1	9.8	7.0	19.7	27.6	36.5	301.3	267.2	112.0	101.1
Zamboanga Sibugay	662.0	133.5	657.8	960.6	1,177.4	1,194.4	1,104.8	1,021.2	833.6	634.8
Northern Mindanao	274.2	254.1	240.8	314.7	471.0	475.0	481.4	573.2	568.9	592.4
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	0.9	..	..	..	..	..	..	..	..	..
Lanao del Norte	105.6	182.7	170.1	118.6	199.6	210.0	214.9	269.2	260.8	288.8
Misamis Occidental	148.3	59.0	47.1	185.6	261.0	253.8	252.8	257.4	275.4	254.0
Misamis Oriental	19.3	12.4	23.6	10.5	10.5	11.3	13.7	46.5	32.7	49.5
Davao Region	165.2	114.5	162.5	141.0	202.5	102.0	78.6	67.2	235.1	294.0
Davao del Norte	40.3	17.7	19.4	15.3	37.4	23.5	44.3	16.1	27.1	44.6
Davao del Sur	37.1	..	47.6	16.0	121.7	38.5	..	..	18.3	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	8.2	..	..	26.0	..	1.1	1.3	11.1	161.9	207.4
Compostela Valley	79.6	96.8	95.5	83.7	43.4	38.9	33.0	40.1	27.7	42.0
SOCCSKSARGEN	28.5	30.5	30.1	31.4	32.4	36.0	33.4	26.7	26.3	31.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	..	7.2
South Cotabato	..	..	..	..	..	..	..	..	0.9	0.1
Sultan Kudarat	28.5	30.5	30.1	31.4	32.4	36.0	33.4	26.7	25.3	24.2
Caraga	153.5	125.0	135.4	192.3	326.1	515.5	574.9	686.5	557.9	591.9
Agusan del Norte	28.6	11.4	15.3	8.8	4.3	2.6	8.2	4.4	6.4	5.0
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	61.9	62.8
Surigao del Norte	108.7	100.1	107.8	172.9	315.3	507.9	550.8	654.5	455.2	448.1
Surigao del Sur	16.2	13.5	12.3	10.7	6.5	5.1	15.9	27.6	34.4	76.1
ARMM	1,434.9	1,141.1	1,244.9	1,531.1	1,226.6	1,334.1	1,566.4	1,606.7	1,493.0	1,517.8
Basilan	62.0	69.2	65.8	59.5	54.6	51.6	53.9	51.7	38.0	36.8
Lanao del Sur	34.4	35.8	37.3	35.8	36.3	..	9.6	19.5	15.3	15.4
Maguindanao	56.2	72.6	74.4	94.0	101.0	99.5	95.5	83.1	77.7	73.5
Sulu	59.3	36.4	35.3	35.4	36.1	35.6	37.1	37.8	36.4	36.8
Tawi-tawi	1,223.1	927.2	1,032.2	1,306.4	998.6	1,147.4	1,370.4	1,414.7	1,325.7	1,355.2

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mullet (Kapak)										
Philippines	**13,904.2**	**11,115.9**	**12,546.9**	**12,317.8**	**12,726.4**	**11,513.3**	**11,541.7**	**11,486.7**	**11,950.9**	**12,152.8**
NCR	295.3	183.1	167.0	175.7	141.9	168.0	312.2	267.7	180.7	99.2
Metro Manila	295.3	183.1	167.0	175.7	141.9	168.0	312.2	267.7	180.7	99.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	46.1	32.0	35.5	42.3	24.1	35.7	39.4	40.6	42.1	45.8
Ilocos Norte	1.0	0.2	..	..	..	..	..	1.3	0.9	0.9
Ilocos Sur	2.5	1.4	5.9	3.9	10.4	11.4	14.6	13.2	10.6	11.1
La Union	22.5	15.5	9.0	11.3	2.6	3.0	3.9	3.5	0.8	3.6
Pangasinan	20.2	14.9	20.6	27.1	11.2	21.3	20.8	22.6	29.9	30.1
Cagayan Valley	56.6	70.2	58.6	75.5	99.2	90.2	111.0	114.8	121.3	102.8
Batanes	..	..	..	..	..	..	0.2	..	..	..
Cagayan	48.4	57.6	46.4	62.4	82.3	73.6	94.4	98.5	101.2	84.5
Isabela	8.2	12.6	12.2	13.1	16.8	16.5	16.4	16.3	20.0	18.4
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	982.0	879.7	830.6	849.8	893.9	899.7	880.3	825.3	1,199.6	1,913.5
Aurora	..	..	..	..	..	..	0.1	..	..	..
Bataan	613.3	579.1	600.9	633.9	681.6	685.4	670.2	645.5	1,036.0	1,766.5
Bulacan	213.6	155.8	97.0	78.2	73.8	82.9	82.2	60.9	62.3	41.8
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	152.5	144.8	132.6	137.7	134.0	131.4	127.8	118.9	101.2	105.2
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	2.6	..	..	..	4.5	..	..	..	..	..
CALABARZON	59.7	2.3	2.5	78.9	112.7	46.2	18.9	22.0	429.7	341.2
Batangas	..	0.0	..	4.9	31.0	18.1	13.1	21.7	32.3	40.6
Cavite	8.5	0.3	1.4	0.8	0.0	..	0.5	..	9.6	47.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	51.2	2.0	1.2	73.1	81.7	28.1	5.3	0.4	387.8	253.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,212.1	1,143.4	1,027.1	1,271.5	1,063.5	900.6	906.2	1,277.0	1,182.4	1,535.2
Marinduque	37.0	34.2	39.8	43.1	49.9	53.7	57.3	60.0	42.4	46.3
Occidental Mindoro	108.2	105.7	110.5	106.3	108.0	114.0	123.9	125.9	121.9	93.3
Oriental Mindoro	43.3	38.3	42.3	40.9	49.6	51.0	53.3	46.7	0.5	0.6
Palawan	981.1	897.3	801.8	1,063.7	842.6	669.5	662.9	1,032.3	994.5	1,373.1
Romblon	42.4	67.9	32.8	17.6	13.4	12.4	8.8	12.1	23.1	22.0
Bicol Region	1,919.5	1,363.7	2,387.0	2,073.9	1,645.7	1,553.9	1,466.3	1,101.1	1,157.6	1,011.1
Albay	89.9	63.9	57.0	91.0	64.0	22.4	..	..	..	..
Camarines Norte	388.1	216.0	307.5	274.7	397.6	379.1	378.5	111.7	46.3	22.4
Camarines Sur	1,122.5	756.3	1,123.2	809.1	815.4	820.4	817.7	758.5	727.0	791.4
Catanduanes	216.6	69.9	40.1	26.9	35.2	45.5	39.5	32.6	19.2	18.5
Masbate	57.9	77.9	80.3	89.2	136.3	107.8	110.7	62.9	333.7	88.5
Sorsogon	44.7	179.7	778.8	782.9	197.1	178.8	119.8	135.4	31.4	90.4
Western Visayas	2,433.1	1,909.2	1,945.4	1,933.5	3,117.3	2,453.8	2,618.3	2,841.9	2,348.9	2,369.0
Aklan	209.9	156.4	128.4	136.8	171.5	174.1	193.5	190.8	189.3	176.1
Antique	7.0	4.7	5.7	5.3	6.7	7.3	8.7	9.0	9.4	14.7
Capiz	575.7	151.2	21.9	33.0	684.1	939.4	824.1	779.9	720.9	783.7
Guimaras	299.6	232.9	209.5	166.4	175.4	202.8	147.6	130.3	161.1	93.5
Iloilo	1,120.1	960.5	814.9	774.3	1,069.2	335.5	271.4	474.7	396.4	171.2
Negros Occidental	220.9	403.3	765.0	817.8	1,010.3	794.9	1,173.0	1,257.3	871.8	1,129.9
Central Visayas	603.3	474.4	433.0	378.4	299.6	292.6	370.1	267.4	335.0	539.9
Bohol	260.5	171.1	112.2	53.5	45.9	44.2	58.9	67.9	60.0	94.8
Cebu	247.2	238.5	273.5	286.5	214.9	212.9	283.1	169.2	210.8	318.0
Negros Oriental	91.5	59.6	44.1	35.5	35.5	32.8	26.8	29.0	62.3	125.2
Siquijor	4.1	5.3	3.2	3.0	3.4	2.8	1.3	1.4	1.8	2.0
Eastern Visayas	1,029.2	1,011.7	2,020.4	2,036.5	1,421.5	1,199.7	1,011.3	1,341.8	2,049.0	1,310.5
Biliran	22.0	..	..	..	..	..	..	..	..	14.0
Eastern Samar	60.3	84.0	84.6	83.6	91.3	101.1	97.5	86.0	40.5	29.7
Leyte	133.6	115.1	37.0	35.0	16.3	49.8	14.4	56.9	714.0	172.2
Northern Samar	362.9	266.4	468.9	443.9	407.5	381.7	351.2	339.2	318.1	277.9
Southern Leyte	128.7	84.9	71.1	59.3	32.2	34.7	33.8	37.7	15.2	4.7
Samar	321.7	461.3	1,358.7	1,414.7	874.3	632.5	514.4	822.1	961.2	812.0
Zamboanga Peninsula	770.8	476.0	412.6	415.7	1,667.1	2,039.8	1,626.5	1,374.1	973.2	817.8
Zamboanga del Norte	179.7	63.1	3.6	2.1	8.0	5.6	9.3	5.5	5.9	8.4
Zamboanga del Sur	238.7	220.8	217.6	268.9	251.2	292.7	312.2	324.5	280.5	195.7
Zamboanga City	14.5	33.9	41.7	36.3	35.2	29.6	98.0	92.6	28.1	21.5
Zamboanga Sibugay	337.9	158.3	149.7	108.4	1,372.8	1,711.9	1,207.0	951.5	658.7	592.2
Northern Mindanao	1,635.0	1,164.3	1,010.6	817.3	419.0	423.1	433.4	419.7	489.9	567.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	0.6	0.8	1.5	4.1	4.8	6.1	4.8	4.3	4.5	4.1
Lanao del Norte	718.6	492.2	536.7	415.9	246.1	256.9	218.6	215.9	272.7	256.4
Misamis Occidental	908.0	657.6	453.8	380.0	164.9	150.5	147.2	184.8	200.2	287.8
Misamis Oriental	7.8	13.6	18.7	17.3	3.2	9.7	62.9	14.8	12.4	18.8
Davao Region	698.5	508.7	244.9	300.1	200.1	199.7	156.1	114.7	124.3	68.6
Davao del Norte	35.5	21.5	36.3	12.9	22.3	15.0	3.9	5.7	7.6	7.9
Davao del Sur	507.2	362.8	158.8	216.4	103.6	87.7	40.7	37.8	67.7	21.8
Davao City	21.9	15.2	12.0	3.9	2.2	1.8	0.9	3.9	5.0	0.8
Davao Oriental	98.0	75.6	8.9	50.4	63.2	87.9	102.9	59.4	31.0	20.9
Compostela Valley	36.0	33.6	28.9	16.5	8.8	7.3	7.8	7.9	13.0	17.1
SOCCSKSARGEN	25.4	29.5	34.8	28.5	33.5	39.3	22.4	15.0	8.4	17.0
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	3.1	7.0	15.0	9.6	12.5	22.8	7.4	3.7	..	7.8
South Cotabato	4.1	3.1	2.1	2.0	1.2	0.7	1.2	0.7	0.2	2.0
Sultan Kudarat	18.1	19.4	17.6	17.0	19.8	15.9	13.8	10.6	8.2	7.2
Caraga	94.7	117.3	113.0	128.0	93.5	121.5	127.7	145.5	170.2	201.1
Agusan del Norte	16.3	15.0	10.1	7.2	7.8	7.2	9.5	13.2	30.2	24.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	52.9	81.2	81.6	94.7	64.6	94.2	65.9	86.9	75.2	70.3
Surigao del Sur	25.5	21.1	21.3	26.1	21.1	20.1	52.3	45.4	64.8	106.3
ARMM	2,043.0	1,750.6	1,824.1	1,712.2	1,493.8	1,049.6	1,441.8	1,318.1	1,138.7	1,213.2
Basilan	0.3	0.3	0.3	..	..	..	..	..	0.3	..
Lanao del Sur	916.2	920.6	922.5	921.5	921.5	356.4	698.3	570.6	346.0	360.9
Maguindanao	112.8	105.8	75.2	..	..	..	..	0.5	..	..
Sulu	188.4	118.2	110.2	108.6	83.2	77.4	72.9	64.7	37.3	33.3
Tawi-tawi	825.3	605.7	716.0	682.1	489.1	615.8	670.6	682.3	755.1	819.0

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Parrot fish (Loro)										
Philippines	**12,976.9**	**14,079.6**	**15,008.9**	**14,343.0**	**14,518.4**	**14,867.2**	**14,466.7**	**14,212.7**	**13,555.4**	**13,548.7**
NCR	..	..	0.2	..	..	..	..	0.8	6.1	18.0
Metro Manila	..	..	0.2	..	..	..	..	0.8	6.1	18.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	159.7	167.5	154.5	155.7	196.1	239.9	185.1	283.7	226.5	192.0
Ilocos Norte	54.0	87.3	36.9	46.9	152.2	189.5	143.7	222.1	175.7	135.2
Ilocos Sur	37.1	31.7	43.5	38.4	15.6	10.7	9.7	6.6	4.5	4.6
La Union	51.0	46.5	41.0	37.4	4.5	4.8	5.5	6.6	6.5	7.4
Pangasinan	17.5	2.0	33.0	33.0	23.7	34.8	26.3	48.4	39.7	44.8
Cagayan Valley	88.7	370.2	439.2	446.3	391.1	402.1	490.0	493.3	478.8	575.1
Batanes	0.4	0.5	0.4	6.3	..	20.7	36.1	53.1	42.4	45.2
Cagayan	86.3	364.3	433.2	435.2	384.3	374.7	444.1	430.4	425.5	519.8
Isabela	1.9	5.4	5.7	4.8	6.8	6.8	9.8	9.9	10.9	10.1
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	92.4	22.2	29.6	28.9	59.3	59.4	59.7	57.6	60.1	218.2
Aurora	4.4	1.6	2.9	2.0	1.5	1.4	1.5	1.5	0.3	0.1
Bataan	..	0.1	0.2	0.3	2.1	1.6	1.6	2.1	18.6	0.1
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	87.9	20.4	26.5	26.6	55.7	56.4	56.5	54.1	41.1	218.0
CALABARZON	403.8	248.8	167.0	91.5	55.0	36.1	35.3	117.8	571.3	120.7
Batangas	247.7	123.7	140.1	87.2	39.2	36.1	35.3	88.5	66.7	61.7
Cavite	21.2	0.6	..	..	..	..	..	..	..	28.7
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	134.9	124.5	26.9	4.3	15.8	..	..	29.3	504.7	30.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,851.7	2,570.5	2,612.2	3,179.1	3,783.5	4,150.1	3,812.6	3,623.1	2,814.3	2,804.8
Marinduque	25.9	20.4	19.8	20.9	23.2	22.4	26.6	29.3	32.2	33.3
Occidental Mindoro	73.4	74.8	63.3	59.2	58.3	58.2	66.1	67.2	66.2	67.9
Oriental Mindoro	26.4	30.4	27.9	27.3	36.4	34.8	36.3	34.1	0.3	11.1
Palawan	2,500.1	2,270.7	2,323.5	2,915.0	3,558.3	3,918.3	3,555.1	3,372.5	2,616.1	2,535.8
Romblon	225.9	174.3	177.6	156.8	107.2	116.4	128.5	120.1	99.5	156.6
Bicol Region	1,156.7	1,079.2	855.3	1,024.0	681.9	851.5	784.1	661.1	498.5	450.9
Albay	53.5	40.6	42.3	44.9	44.1	16.5	..	..	2.1	7.7
Camarines Norte	371.2	369.0	412.6	390.6	320.1	398.3	398.3	325.3	219.8	24.3
Camarines Sur	6.0	20.1	29.6	27.2	24.1	20.1	19.2	16.4	16.0	33.3
Catanduanes	..	52.0	80.9	41.7	67.8	77.5	74.5	78.4	59.0	44.4
Masbate	380.1	338.4	286.5	270.5	208.5	230.3	156.8	85.2	61.8	237.0
Sorsogon	346.0	259.0	3.5	249.0	17.3	108.8	135.3	155.9	140.0	104.3
Western Visayas	391.6	927.4	966.3	847.9	497.6	493.4	501.2	537.7	271.3	351.3
Aklan	..	6.6	15.8	17.1	18.7	18.6	29.9	48.0	46.5	30.1
Antique	39.6	39.8	33.6	29.2	32.7	35.0	36.3	31.5	34.1	20.8
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	178.4	203.1	224.7	155.9	176.4	167.1	144.2	87.8	138.6	87.4
Iloilo	92.7	102.8	100.7	..	..	1.1	2.2	4.4	0.5	166.1
Negros Occidental	80.9	575.0	591.5	645.7	269.8	271.6	288.6	366.2	51.6	47.0
Central Visayas	1,034.7	1,381.7	1,439.1	1,363.2	1,461.7	1,414.3	1,647.8	1,670.0	1,868.3	2,073.4
Bohol	181.0	217.3	261.9	273.7	252.6	287.6	278.1	350.0	237.1	355.5
Cebu	678.1	1,032.8	1,055.3	978.0	1,093.0	1,007.0	1,258.2	1,192.6	1,471.4	1,583.5
Negros Oriental	78.2	44.1	38.8	31.5	35.9	30.4	19.8	21.5	43.5	13.4
Siquijor	97.5	87.6	83.2	80.1	80.2	89.4	91.7	105.9	116.3	121.0
Eastern Visayas	524.9	632.4	761.5	736.8	879.7	873.6	748.9	693.1	879.8	672.8
Biliran	1.6	..	5.7	5.8	8.7	8.0	7.1	4.7	12.6	40.1
Eastern Samar	202.3	365.9	515.6	486.0	525.0	505.7	480.4	419.1	469.9	188.1
Leyte	90.6	28.7	9.5	15.5	1.0	..	..	1.4	86.2	116.6
Northern Samar	187.6	156.3	174.4	117.3	160.9	173.9	174.9	182.3	195.3	208.2
Southern Leyte	42.8	81.5	56.3	112.2	108.4	42.9	55.0	39.9	34.4	43.8
Samar	..	..	..	..	75.8	143.0	31.5	45.7	81.3	76.0
Zamboanga Peninsula	1,523.8	1,046.7	982.6	1,154.2	1,290.1	1,522.9	1,217.9	1,244.2	1,344.4	1,034.2
Zamboanga del Norte	137.9	65.9	4.2	3.5	3.5	5.2	8.8	6.8	7.6	6.4
Zamboanga del Sur	647.5	524.5	396.8	380.0	358.2	397.8	434.9	437.7	434.0	392.8
Zamboanga City	459.2	388.1	428.8	404.5	375.7	392.6	378.0	393.6	465.2	439.1
Zamboanga Sibugay	279.2	68.2	152.9	366.3	552.7	727.2	396.3	406.2	437.6	196.0
Northern Mindanao	657.7	719.3	894.3	733.2	995.8	950.4	965.5	942.9	934.8	937.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	17.8	19.9	24.5	35.4	29.4	37.9	41.6	47.3	44.3	52.5
Lanao del Norte	65.8	107.9	293.6	296.3	328.2	272.0	252.2	242.6	217.9	195.5
Misamis Occidental	529.2	533.2	561.7	379.0	604.8	611.6	630.9	619.4	625.3	637.0
Misamis Oriental	44.8	58.2	14.5	22.5	33.5	28.9	40.9	33.6	47.3	52.3
Davao Region	478.5	931.7	975.3	614.2	560.8	349.2	279.7	184.6	193.7	772.5
Davao del Norte	32.6	29.8	51.1	48.7	42.3	34.1	30.3	13.9	21.8	17.9
Davao del Sur	..	0.9	11.5	49.8	46.0	34.0	79.0	27.7	11.0	589.1
Davao City	14.0	10.7	14.7	14.6	7.1	4.9	1.0	2.4	0.6	..
Davao Oriental	394.8	850.1	860.4	451.9	437.7	257.0	152.7	117.3	152.1	127.1
Compostela Valley	37.1	40.2	37.7	49.4	27.8	19.3	16.7	23.3	8.2	38.4
SOCCSKSARGEN	52.8	125.2	94.2	62.7	85.1	87.1	151.6	33.7	18.4	43.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	30.9	103.8	74.4	45.0	64.6	71.6	139.5	23.3	1.2	14.9
South Cotabato	2.5	2.0	2.1	0.8	0.7	0.6	1.8	2.1	1.1	12.4
Sultan Kudarat	19.4	19.3	17.7	17.0	19.7	14.9	10.3	8.2	16.1	15.8
Caraga	2,235.7	2,172.7	2,806.0	2,308.7	2,122.6	1,859.7	1,927.7	1,998.8	1,724.6	1,589.8
Agusan del Norte	6.6	1.9	3.4	2.8	0.9	1.3	1.3	2.7	12.0	16.3
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	204.9	212.1
Surigao del Norte	1,659.0	1,598.2	2,138.6	1,874.6	1,645.8	1,346.5	1,391.7	1,470.2	1,011.7	1,016.6
Surigao del Sur	570.1	572.6	664.0	431.3	475.9	511.8	534.7	525.9	496.0	344.8
ARMM	1,324.5	1,684.1	1,831.6	1,596.5	1,458.3	1,577.6	1,659.8	1,670.4	1,664.5	1,694.7
Basilan	40.4	43.3	43.9	41.4	41.0	49.5	50.5	50.6	7.6	1.6
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	5.3	..	..
Sulu	540.6	462.8	475.1	461.3	458.1	381.2	367.9	355.4	290.4	271.6
Tawi-tawi	743.5	1,178.0	1,312.6	1,093.9	959.2	1,146.9	1,241.4	1,259.1	1,366.5	1,421.5

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Porgies (Pargo)										
Philippines	**8,839.2**	**9,631.0**	**8,853.5**	**9,304.4**	**10,870.1**	**9,054.8**	**8,877.9**	**7,980.4**	**8,695.2**	**7,970.6**
NCR	..	..	..	..	..	..	..	0.6	1.5	1.0
Metro Manila	..	..	..	..	..	..	..	0.6	1.5	1.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	81.4	71.9	75.5	79.2	42.9	72.3	80.8	61.8	57.0	60.0
Ilocos Norte	2.9	12.4	15.6	18.1	11.5	42.4	70.9	47.6	52.3	53.7
Ilocos Sur	56.0	49.2	51.3	53.2	21.1	21.5	0.9	0.8	0.6	0.8
La Union	22.5	10.2	8.6	8.0	10.3	8.5	9.0	13.3	4.2	5.5
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	0.2	644.3	850.6	838.2	835.7	745.8	770.2	731.3	661.6	787.2
Batanes	..	..	..	..	41.4	42.9	55.0	43.7	34.8	35.8
Cagayan	..	644.2	848.8	834.8	790.4	699.3	711.4	683.9	622.6	747.4
Isabela	0.2	0.1	1.9	3.4	4.0	3.6	3.8	3.7	4.2	4.0
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	22.1	13.2	77.9	22.5	18.7	23.3	24.1	39.6	49.2	123.2
Aurora	3.9	4.7	5.2	3.8	0.7	0.7	0.7	0.7	0.4	0.2
Bataan	10.6	7.5	8.2	8.5	12.7	13.6	13.8	14.0	27.3	56.9
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	7.6	1.0	64.5	10.2	5.4	9.0	9.6	24.9	21.4	66.0
CALABARZON	282.9	180.7	288.3	80.8	347.6	424.4	675.0	423.6	249.3	396.8
Batangas	134.8	62.7	84.5	27.2	32.0	24.0	8.7	10.4	28.1	46.1
Cavite	5.3	22.0	25.8	18.6	42.8	96.2	122.8	30.0	30.7	29.2
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	142.9	96.0	178.0	35.1	272.8	304.2	543.6	383.2	190.5	321.4
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,678.8	1,423.7	1,102.9	1,256.4	1,178.8	836.8	827.8	931.2	1,088.1	643.6
Marinduque	71.1	62.7	67.3	68.2	67.6	76.9	83.9	87.3	67.0	60.2
Occidental Mindoro	158.8	159.1	158.5	154.3	155.7	163.6	173.4	174.6	155.3	153.0
Oriental Mindoro	39.5	34.7	27.3	26.3	26.3	25.5	27.5	23.7	3.2	60.8
Palawan	1,333.4	1,080.6	782.3	941.1	881.5	495.7	481.5	560.1	827.6	298.4
Romblon	76.0	86.7	67.6	66.5	47.7	75.1	61.5	85.5	35.1	71.1
Bicol Region	1,321.9	1,350.2	1,236.5	1,159.5	924.9	821.6	551.1	585.6	636.3	465.8
Albay	..	..	35.7	33.0	56.4	20.9	..	33.9	18.8	9.8
Camarines Norte	731.2	773.5	689.0	653.2	409.0	433.1	362.4	367.3	287.9	36.9
Camarines Sur	68.2	88.4	73.2	73.5	67.1	58.9	55.8	44.7	29.8	18.1
Catanduanes	..	..	..	..	..	..	..	..	3.0	6.5
Masbate	522.6	488.3	438.6	399.8	390.2	306.4	132.9	139.7	296.8	394.7
Sorsogon	..	..	..	..	2.2	2.3	..	..	..	..
Western Visayas	1,163.0	1,387.0	1,348.9	1,544.4	3,440.9	1,843.9	1,558.0	1,495.7	1,950.0	1,192.6
Aklan	..	..	..	..	4.7	3.2	5.8	7.1	35.2	1.5
Antique	15.1	9.2	14.8	15.1	19.3	17.7	19.2	16.8	20.0	14.1
Capiz	289.6	303.3	258.5	267.3	345.9	454.2	313.9	439.1	371.0	159.5
Guimaras	202.0	211.0	193.4	124.2	190.3	299.6	209.5	215.2	215.0	161.0
Iloilo	253.8	285.1	321.3	634.4	2,647.3	837.5	770.8	570.3	326.1	257.6
Negros Occidental	402.6	578.4	561.0	503.4	233.3	231.7	238.9	247.3	982.7	598.9
Central Visayas	39.0	85.8	78.0	66.4	130.5	162.9	217.6	237.4	434.6	712.0
Bohol	4.9	11.3	17.0	19.1	56.3	67.2	128.3	154.7	337.2	495.6
Cebu	7.1	43.2	27.1	18.9	50.8	73.3	72.6	60.1	83.6	203.2
Negros Oriental	7.8	11.8	18.1	13.3	11.1	13.1	7.8	13.9	3.3	1.9
Siquijor	19.2	19.4	15.8	15.1	12.4	9.4	9.0	8.8	10.5	11.3
Eastern Visayas	264.9	208.6	148.9	167.3	246.3	264.4	496.9	611.0	730.9	483.0
Biliran	..	..	0.7	0.1	0.1	0.1	0.0	0.0	0.1	3.9
Eastern Samar	17.2	7.2	..	..	..	77.3	121.5	202.5	328.3	286.6
Leyte	28.4	15.3	..	..	90.8	54.0	..	..	14.8	..
Northern Samar	143.7	128.4	101.5	115.4	103.5	87.2	70.4	58.1	52.7	59.4
Southern Leyte	75.6	56.6	46.7	51.8	51.9	25.5	7.1	5.2	19.8	19.1
Samar	..	1.2	..	..	..	20.4	297.9	345.2	315.2	114.2
Zamboanga Peninsula	364.6	168.5	144.6	199.9	382.3	486.4	177.7	215.5	510.2	790.8
Zamboanga del Norte	159.6	112.6	4.3	3.0	2.0	3.7	5.0	2.9	3.1	3.2
Zamboanga del Sur	..	0.0	..	..	..	33.0	..	6.2	..	..
Zamboanga City	..	19.2	35.7	27.2	30.4	19.7	47.4	80.9	315.7	428.0
Zamboanga Sibugay	205.0	36.7	104.7	169.6	350.0	429.9	125.3	125.5	191.3	359.5
Northern Mindanao	299.0	499.2	209.3	291.2	143.0	128.9	168.1	112.4	119.3	149.9
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	222.0	281.7	145.8	217.8	113.9	101.2	115.9	94.4	106.6	109.3
Misamis Occidental	58.5	204.3	44.7	40.7	8.7	8.2	8.1	2.6	2.4	5.1
Misamis Oriental	18.4	13.2	18.7	32.6	20.5	19.5	44.1	15.4	10.4	35.5
Davao Region	396.0	701.4	499.3	483.6	413.0	378.3	267.6	144.0	213.2	193.6
Davao del Norte	11.7	17.0	30.7	28.8	28.7	27.1	12.0	7.2	29.0	21.2
Davao del Sur	..	0.6	3.6	29.8	23.4	..	..	..	..	40.1
Davao City	15.6	12.1	16.6	21.6	11.9	12.1	11.2	7.7	13.8	14.0
Davao Oriental	361.1	668.1	445.4	400.6	348.4	335.7	244.4	129.1	147.0	97.8
Compostela Valley	7.7	3.5	3.0	2.9	0.5	3.4	..	..	23.4	20.5
SOCCSKSARGEN	21.6	33.5	37.5	41.8	20.0	26.6	37.7	10.6	23.2	48.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	7.9	23.1	28.0	32.4	11.3	18.9	30.1	4.0	0.4	4.8
South Cotabato	2.1	2.0	1.1	2.0	0.9	1.0	0.9	0.0	20.9	41.8
Sultan Kudarat	11.6	8.4	8.4	7.4	7.8	6.8	6.8	6.5	1.8	1.8
Caraga	998.2	711.2	688.8	975.7	936.1	695.0	765.3	802.5	836.7	778.8
Agusan del Norte	2.9	0.1	8.3	6.3	3.4	1.0	1.1	0.6	0.6	0.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	112.5	85.8
Surigao del Norte	957.1	676.8	651.6	944.3	909.3	672.9	749.2	789.7	632.8	588.9
Surigao del Sur	38.3	34.2	28.8	25.2	23.4	21.2	15.0	12.2	90.8	103.6
ARMM	1,905.6	2,152.0	2,066.4	2,097.7	1,809.5	2,144.2	2,260.0	1,577.6	1,134.2	1,144.0
Basilan	57.3	58.5	60.1	55.8	49.0	41.1	40.7	40.3	7.3	..
Lanao del Sur	686.4	687.7	684.2	685.6	685.8	971.9	1,111.3	354.3	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	197.8	240.1	217.1	208.8	212.1	207.9	204.1	191.7	176.1	171.1
Tawi-tawi	964.2	1,165.7	1,105.1	1,147.4	862.6	923.3	904.1	991.3	950.8	973.0

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Round herring (Tulis)										
Philippines	**6,011.5**	**6,512.9**	**6,528.1**	**7,553.9**	**5,633.3**	**5,842.4**	**5,146.6**	**4,814.5**	**6,891.2**	**5,269.6**
NCR	2.8	0.6	0.4	..	0.2	..	1.2	..	0.3	2.2
Metro Manila	2.8	0.6	0.4	..	0.2	..	1.2	..	0.3	2.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	100.7	38.8	63.3	61.3	50.9	46.3	91.9	91.9	62.5	61.9
Ilocos Norte	49.6	22.0	47.1	46.1	26.3	27.6	69.4	48.6	48.8	54.6
Ilocos Sur	..	..	..	..	..	..	..	0.3	0.2	0.4
La Union	51.1	16.8	16.0	15.2	24.6	18.7	22.4	43.0	11.9	5.3
Pangasinan	..	..	0.1	..	..	..	..	..	1.5	1.5
Cagayan Valley	4.3	9.7	6.6	9.3	10.0	18.3	9.8	17.7	22.2	19.0
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	3.8	6.6	3.3	7.0	7.2	15.6	6.8	14.8	18.2	15.3
Isabela	0.5	3.1	3.3	2.3	2.9	2.7	3.0	2.9	4.0	3.7
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	60.3	71.8	89.4	82.8	66.2	66.3	67.2	64.6	93.0	363.4
Aurora	9.8	9.4	16.4	15.1	10.8	10.9	11.8	11.9	10.0	8.8
Bataan	20.0	60.0	68.2	61.1	52.2	51.9	51.2	50.2	81.6	131.6
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	30.6	2.3	4.9	6.6	3.3	3.6	4.2	2.5	1.3	223.1
CALABARZON	533.8	233.4	99.9	517.5	444.0	41.3	30.2	47.5	35.6	5.5
Batangas	139.5	157.1	96.0	113.2	81.7	37.0	22.7	4.7	3.8	5.4
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	394.3	76.2	3.9	404.3	362.3	4.3	7.5	42.8	31.8	0.1
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	1,972.0	1,786.0	1,490.3	2,022.9	1,638.6	2,209.8	1,291.6	363.3	578.8	838.0
Marinduque	..	..	..	..	..	..	..	..	13.8	15.6
Occidental Mindoro	19.5	21.1	27.8	27.6	28.4	29.4	30.2	30.6	30.6	32.8
Oriental Mindoro	2.8	2.6	3.5	2.8	7.0	32.7	34.5	33.6	23.8	25.0
Palawan	1,895.0	1,699.1	1,409.9	1,949.0	1,593.1	2,130.2	1,218.1	287.3	473.3	705.4
Romblon	54.7	63.2	49.1	43.6	10.1	17.5	8.8	11.9	37.3	59.2
Bicol Region	308.3	178.6	233.3	244.1	380.1	625.9	1,201.2	1,403.2	1,478.0	921.2
Albay	66.9	21.1	77.4	72.6	177.4	202.6	198.4	176.7	174.7	170.8
Camarines Norte	177.5	20.0	19.8	7.2	0.1	0.5	0.9	3.9	4.3	3.7
Camarines Sur	32.9	99.5	124.1	128.5	126.9	118.6	130.2	120.4	82.4	122.0
Catanduanes	..	..	12.0	30.6	12.1	20.7	19.5	17.0	12.8	15.6
Masbate	31.0	38.1	..	5.2	63.6	283.5	852.2	1,085.2	1,203.9	609.1
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1,158.3	2,672.4	2,610.7	2,991.2	1,530.0	1,673.9	1,473.3	1,917.3	3,568.5	2,085.2
Aklan	86.1	85.4	82.6	75.9	66.5	68.5	68.7	72.3	63.0	65.8
Antique	0.9	0.5	0.5	0.5	1.1	2.0	2.4	1.9	2.6	4.0
Capiz	..	..	..	2.4	2.1	0.7	..	..	..	..
Guimaras	164.5	153.4	160.7	86.3	153.6	185.6	192.5	331.8	246.0	113.1
Iloilo	505.4	2,157.5	2,139.0	2,571.9	1,201.8	1,285.7	1,068.7	1,060.6	2,273.6	918.4
Negros Occidental	401.4	275.5	228.0	254.3	104.9	131.4	140.9	450.7	983.3	983.8
Central Visayas	20.0	26.7	31.3	27.9	38.5	39.3	44.6	50.2	48.7	45.5
Bohol	2.9	3.8	3.8	2.9	9.8	10.3	11.2	20.8	11.4	16.4
Cebu	1.6	2.2	2.8	3.1	6.1	10.0	16.8	8.7	8.9	11.7
Negros Oriental	4.2	3.0	2.4	1.9	1.6	1.7	1.5	3.9	10.5	0.2
Siquijor	11.2	17.7	22.3	20.1	21.0	17.3	15.1	16.8	17.9	17.2
Eastern Visayas	205.6	205.7	234.4	206.3	595.0	236.5	222.1	104.7	105.4	199.0
Biliran	16.6	..	7.1	..	..	..	..	..	..	..
Eastern Samar	62.1	42.6	..	..	..	..	..	1.7	..	..
Leyte	7.2	..	..	..	314.3	6.8	22.9	..	11.8	..
Northern Samar	68.9	69.9	172.6	159.4	149.0	121.7	88.0	81.2	74.1	62.8
Southern Leyte	50.8	19.5	0.3	1.2	1.2	0.6	..	..	10.2	28.2
Samar	..	73.7	54.4	45.8	130.5	107.4	111.2	21.8	9.4	108.0
Zamboanga Peninsula	461.7	134.2	177.8	230.4	214.2	216.0	191.5	156.6	271.1	83.3
Zamboanga del Norte	195.8	69.1	27.3	27.0	112.3	96.6	16.9	12.2	10.9	8.7
Zamboanga del Sur	..	..	9.8	2.4	75.4	107.5	101.5	81.8	147.8	71.4
Zamboanga City	4.0	..	..	..	..	..	52.2	46.3	..	..
Zamboanga Sibugay	261.9	65.1	140.7	201.0	26.6	11.9	20.8	16.2	112.4	3.3
Northern Mindanao	246.9	333.0	388.7	289.9	138.8	117.0	105.7	128.4	137.3	117.5
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	68.2	26.1	23.0	18.3	27.2	24.8	23.1	24.5	45.0	38.0
Lanao del Norte	173.4	300.5	166.7	205.8	97.1	78.8	80.7	74.5	75.1	74.1
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	5.3	6.5	199.1	65.7	14.5	13.3	1.9	29.4	17.2	5.4
Davao Region	40.8	21.1	41.3	3.4	6.0	37.0	11.5	..	0.4	0.5
Davao del Norte	..	..	..	0.2	..	..	..	..	..	..
Davao del Sur	26.5	..	..	..	..	..	11.5	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	14.3	21.1	41.3	3.2	6.0	35.9	..	..	0.2	..
Compostela Valley	..	..	..	..	..	1.1	..	..	0.2	0.5
SOCCSKSARGEN	9.3	8.9	8.5	7.9	8.4	6.9	9.0	9.8	23.1	14.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	..	..	..	..	..	..	..	..	16.0	8.4
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	9.3	8.9	8.5	7.9	8.4	6.9	9.0	9.8	7.1	6.5
Caraga	10.9	303.2	176.4	158.0	48.8	21.1	27.5	39.2	68.8	125.4
Agusan del Norte	6.6	1.9	5.0	7.6	3.2	1.2	2.5	3.0	4.4	2.4
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	3.2	2.4
Surigao del Norte	..	296.7	167.2	146.6	42.8	16.9	12.0	12.6	17.2	21.2
Surigao del Sur	4.2	4.7	4.2	3.7	2.8	3.0	13.1	23.6	44.0	99.3
ARMM	875.8	488.9	876.0	701.1	463.6	486.8	368.4	420.0	397.6	387.3
Basilan	..	..	..	..	..	..	..	..	31.8	22.8
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	3.7	..	..	..	..	..	..	..	..	..
Sulu	63.0	47.4	42.4	40.3	35.2	32.6	31.4	28.3	21.5	20.2
Tawi-tawi	809.1	441.5	833.6	660.8	428.4	454.2	337.0	391.8	344.3	344.3

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Roundscad (Galunggong)										
Philippines	**82,038.7**	**72,036.8**	**73,556.0**	**67,072.4**	**66,328.6**	**70,415.4**	**63,507.5**	**60,658.7**	**55,589.3**	**56,544.3**
NCR	27.6	24.4	8.0	4.8	14.0	4.8	1.6	18.5	108.2	295.7
Metro Manila	27.6	24.4	8.0	4.8	14.0	4.8	1.6	18.5	108.2	295.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	5,412.9	4,184.4	1,306.0	2,289.5	2,432.7	2,255.9	2,280.2	2,194.6	1,493.9	1,437.0
Ilocos Norte	1,122.4	712.7	586.6	1,281.0	667.7	787.3	916.0	649.6	408.7	337.8
Ilocos Sur	3,385.4	2,863.1	588.3	925.7	1,360.8	1,419.5	1,321.5	1,347.3	1,038.5	1,049.6
La Union	905.2	608.2	130.6	76.5	398.9	47.1	39.3	166.2	34.2	36.9
Pangasinan	..	0.5	0.4	6.2	5.4	2.0	3.4	31.6	12.5	12.6
Cagayan Valley	1,156.2	1,052.5	1,201.3	1,173.8	973.1	1,253.0	1,183.9	1,149.3	1,249.7	1,107.0
Batanes	6.8	8.9	8.6	1.7	41.5	40.1	10.7	4.1	7.0	6.8
Cagayan	1,132.8	1,015.6	1,151.2	1,132.7	880.8	1,163.0	1,108.7	1,082.9	1,181.0	1,042.3
Isabela	16.7	28.0	41.5	39.4	50.8	49.9	64.5	62.3	61.7	57.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	977.0	1,128.9	733.8	963.5	833.5	882.4	902.4	900.2	1,219.5	1,295.5
Aurora	75.8	93.0	114.9	108.0	105.4	108.6	113.8	115.9	114.3	107.7
Bataan	362.4	368.6	375.4	403.6	368.1	389.7	404.1	421.4	825.7	414.8
Bulacan	..	..	..	..	..	..	..	..	8.2	5.5
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	163.3	159.9	138.1	144.6	118.4	121.0	114.7	117.9	120.3	113.9
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	375.4	507.5	105.5	307.2	241.5	263.2	269.7	244.9	151.0	653.6
CALABARZON	4,517.3	4,147.9	6,567.0	4,846.1	4,586.2	4,664.1	3,989.9	2,873.6	2,145.2	2,152.8
Batangas	1,929.8	1,873.7	2,531.8	2,437.3	2,059.0	2,318.0	1,893.1	1,149.7	1,154.2	1,026.4
Cavite	6.9	5.3	15.0	25.9	13.8	3.9	0.4	..	..	94.2
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	2,580.6	2,268.8	4,020.1	2,382.9	2,513.4	2,342.3	2,096.4	1,723.9	991.1	1,032.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	12,682.8	12,061.6	11,321.7	7,877.9	6,326.0	7,514.5	6,615.4	6,581.7	4,768.0	4,682.5
Marinduque	612.8	642.3	642.4	660.9	699.6	789.4	820.5	907.3	712.6	729.5
Occidental Mindoro	287.5	286.7	297.3	283.6	278.2	292.8	306.6	313.5	321.7	347.9
Oriental Mindoro	436.8	480.1	511.8	520.3	520.3	641.0	656.9	690.7	487.7	421.3
Palawan	11,020.7	10,332.9	9,504.3	6,121.1	4,433.6	5,122.5	4,193.3	4,266.7	2,879.9	2,836.2
Romblon	325.0	319.7	366.0	292.1	394.4	668.8	638.1	403.5	366.2	347.6
Bicol Region	8,414.5	7,147.1	7,435.7	7,624.4	8,398.2	10,674.5	10,026.9	8,166.3	6,988.3	7,009.6
Albay	655.2	933.0	922.5	996.6	808.3	729.6	909.6	906.1	878.9	832.4
Camarines Norte	1,803.3	1,782.0	1,875.2	1,792.8	2,555.6	2,597.4	2,520.4	2,023.5	1,914.3	1,939.5
Camarines Sur	3,504.9	1,884.1	1,208.5	1,400.7	1,383.3	1,366.3	1,403.6	1,305.7	1,233.0	1,124.5
Catanduanes	303.5	224.0	390.4	391.5	397.5	445.2	388.2	283.5	243.7	228.0
Masbate	1,646.7	1,976.2	2,684.3	2,752.1	2,810.1	4,901.2	3,965.9	3,061.1	2,251.7	2,509.9
Sorsogon	500.9	347.9	354.7	290.7	443.5	634.9	839.2	586.5	466.7	375.3
Western Visayas	2,810.3	3,507.1	4,034.5	4,278.1	4,326.2	4,861.3	4,631.3	5,425.9	6,388.1	6,762.4
Aklan	301.7	297.5	428.0	447.4	523.3	559.4	618.5	649.3	648.3	648.8
Antique	650.3	445.2	1,044.5	914.8	838.6	1,095.6	1,071.0	1,093.8	1,100.2	996.1
Capiz	705.0	726.8	731.9	846.5	872.1	950.4	918.1	738.6	857.8	829.1
Guimaras	17.3	15.6	26.3	21.8	15.8	2.6	2.0	1.5	44.9	37.5
Iloilo	365.5	279.9	172.5	203.9	820.3	701.7	946.7	1,368.4	679.0	659.5
Negros Occidental	770.5	1,742.1	1,631.4	1,843.7	1,256.1	1,551.7	1,075.1	1,574.3	3,057.9	3,591.4
Central Visayas	5,776.9	5,114.8	4,452.3	4,034.5	4,700.2	4,993.8	3,459.0	3,415.0	3,721.3	3,450.5
Bohol	460.4	430.3	338.6	248.8	292.6	331.9	220.7	274.7	314.3	279.2
Cebu	4,418.6	3,791.7	3,416.9	3,084.4	3,729.6	3,971.7	2,647.1	2,573.6	2,899.7	2,880.8
Negros Oriental	730.6	727.0	542.1	555.3	529.4	542.7	459.1	443.0	362.3	148.8
Siquijor	167.3	165.8	154.7	146.1	148.6	147.6	132.1	123.7	145.0	141.7
Eastern Visayas	12,349.2	11,574.6	11,701.1	9,148.9	8,124.5	8,343.4	6,939.1	6,272.9	5,672.2	6,414.0
Biliran	448.4	573.6	1,007.3	939.4	933.2	699.1	706.9	705.6	825.3	596.6
Eastern Samar	967.4	476.4	681.4	603.0	1,411.1	1,457.6	1,517.8	1,554.0	1,722.2	1,982.6
Leyte	891.4	3,071.1	3,286.5	2,685.8	1,506.4	1,669.4	902.9	1,027.8	348.5	463.9
Northern Samar	1,516.6	1,384.8	1,070.9	909.7	1,014.5	1,092.3	1,082.1	1,095.1	1,080.4	1,060.3
Southern Leyte	502.6	491.3	418.9	359.9	291.5	388.3	431.9	467.4	397.8	357.1
Samar	8,022.7	5,577.4	5,236.1	3,651.1	2,967.9	3,036.8	2,297.4	1,423.0	1,298.0	1,953.6
Zamboanga Peninsula	10,394.7	7,499.2	9,522.2	9,501.2	10,834.0	9,484.9	8,543.0	8,223.6	6,972.8	6,777.5
Zamboanga del Norte	3,115.0	1,973.2	1,826.1	2,080.8	2,344.9	1,444.0	1,215.3	905.8	1,076.6	851.9
Zamboanga del Sur	923.7	629.9	381.1	323.2	858.8	971.2	1,056.5	1,070.2	1,287.0	1,427.1
Zamboanga City	3,655.3	4,193.8	6,028.3	6,240.3	6,414.9	5,963.7	5,459.0	5,625.1	4,420.8	4,446.1
Zamboanga Sibugay	2,700.6	702.4	1,286.6	857.0	1,215.5	1,106.1	812.2	622.6	188.3	52.5
Northern Mindanao	1,610.8	1,507.7	1,854.5	2,243.6	1,794.1	1,953.4	2,029.6	2,231.4	2,514.7	2,624.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	315.8	48.1	28.1	26.5	35.4	47.0	30.0	26.6	53.7	67.0
Lanao del Norte	353.0	364.4	845.5	766.6	941.0	1,033.4	1,039.9	1,072.9	1,173.1	1,126.4
Misamis Occidental	513.3	715.5	773.0	1,105.9	637.7	672.3	697.1	696.4	707.5	721.9
Misamis Oriental	428.6	379.7	207.9	344.5	180.0	200.7	262.7	435.4	580.5	709.2
Davao Region	5,862.4	2,450.5	2,029.1	1,453.6	1,333.9	1,956.7	1,370.3	1,586.6	1,850.5	2,348.5
Davao del Norte	245.4	140.4	140.2	132.9	153.3	140.0	88.0	47.4	168.1	70.2
Davao del Sur	4,531.0	1,569.5	873.4	187.1	341.0	1,117.3	799.7	818.6	752.8	644.4
Davao City	104.0	89.2	117.4	73.6	58.2	54.3	53.7	153.2	226.0	94.5
Davao Oriental	579.8	217.1	428.2	749.1	586.7	473.0	297.8	446.4	612.3	1,486.2
Compostela Valley	402.1	434.4	469.9	310.9	194.7	172.0	131.2	121.0	91.3	53.2
SOCCSKSARGEN	3,837.8	3,421.3	3,283.7	3,251.9	2,676.1	2,694.1	2,582.4	2,533.6	2,085.5	1,918.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	2,625.3	2,098.3	2,059.7	1,932.3	1,468.9	1,481.4	1,437.4	1,306.4	839.9	578.0
South Cotabato	193.4	252.1	163.1	269.0	216.1	228.3	187.5	162.0	230.9	202.4
Sultan Kudarat	1,019.1	1,070.9	1,061.0	1,050.7	991.1	984.4	957.4	1,065.2	1,014.7	1,137.9
Caraga	1,328.1	1,599.0	1,961.6	2,128.8	2,446.8	2,029.4	1,837.1	1,661.1	1,927.9	1,734.6
Agusan del Norte	129.0	142.6	98.7	70.0	150.5	159.5	170.1	149.9	152.9	138.1
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	162.8	177.5
Surigao del Norte	1,013.5	1,063.1	1,370.2	1,406.6	1,454.3	1,164.4	1,219.1	1,114.8	1,072.2	1,041.5
Surigao del Sur	185.5	393.4	492.6	652.3	842.0	705.5	447.9	396.4	539.9	377.6
ARMM	4,880.6	5,615.9	6,143.6	6,251.8	6,529.1	6,849.1	7,115.5	7,424.5	6,483.6	6,533.9
Basilan	1,454.0	1,573.0	1,682.0	1,782.1	1,783.7	1,826.5	1,840.8	1,864.1	655.2	774.8
Lanao del Sur	152.3	156.8	164.8	161.1	160.9	217.2	266.7	273.0	161.1	168.4
Maguindanao	686.7	710.9	737.5	759.2	856.3	868.2	883.3	880.0	931.9	1,011.2
Sulu	1,448.9	2,110.2	2,328.5	2,337.0	2,470.0	2,437.1	2,538.4	2,698.5	2,946.9	2,784.6
Tawi-tawi	1,138.7	1,065.0	1,230.9	1,212.4	1,258.3	1,500.2	1,586.3	1,708.9	1,788.6	1,794.9

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Siganid (Samaral)										
Philippines	**27,848.8**	**24,406.5**	**24,386.9**	**24,533.4**	**24,652.2**	**25,114.0**	**24,584.9**	**23,826.7**	**22,253.6**	**21,758.2**
NCR	33.7	18.3	19.7	22.2	31.3	28.7	20.1	20.5	10.1	18.1
Metro Manila	33.7	18.3	19.7	22.2	31.3	28.7	20.1	20.5	10.1	18.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	368.1	173.7	270.2	319.9	579.0	634.5	665.1	764.6	726.9	825.6
Ilocos Norte	17.6	32.6	15.8	27.0	376.6	358.2	305.8	354.0	313.2	336.1
Ilocos Sur	2.9	49.0	64.3	78.7	48.0	29.6	12.3	15.5	8.0	6.3
La Union	25.7	30.7	27.4	25.9	10.1	8.3	9.6	11.0	4.4	7.5
Pangasinan	321.9	61.4	162.6	188.3	144.4	238.4	337.4	384.1	401.4	475.7
Cagayan Valley	21.9	175.3	168.0	159.4	141.2	127.5	123.8	118.8	98.6	79.6
Batanes	13.4	15.3	15.0	5.3	18.9	19.7	20.8	31.2	19.4	22.4
Cagayan	7.5	156.7	148.8	150.3	116.5	103.2	96.2	80.9	72.0	50.4
Isabela	1.0	3.3	4.3	3.7	5.9	4.6	6.8	6.8	7.2	6.8
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	101.9	72.2	49.0	47.6	60.9	60.5	63.0	60.5	59.3	230.4
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	17.0	14.2	16.7	17.4	21.2	22.3	23.9	24.1	24.6	73.1
Bulacan	..	0.2	..	..	..	..	..	..	0.5	0.0
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	..	4.8	4.4
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	85.0	57.8	32.3	30.1	39.7	38.2	39.1	36.4	29.4	152.9
CALABARZON	839.9	900.4	1,179.6	875.6	771.7	1,035.0	1,011.3	812.4	1,089.8	552.0
Batangas	423.1	243.1	85.3	53.8	48.2	32.6	22.9	23.0	55.1	55.8
Cavite	14.4	26.9	13.4	1.6	8.7	4.0	4.5	13.0	11.9	42.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	402.5	630.4	1,080.9	820.2	714.8	998.4	983.9	776.5	1,022.9	453.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	7,622.8	5,490.6	4,020.5	4,675.0	5,129.0	5,742.1	5,371.4	5,899.3	4,806.3	4,441.3
Marinduque	101.7	98.8	105.0	101.1	90.4	98.6	91.4	92.8	81.3	92.9
Occidental Mindoro	112.8	100.6	108.9	104.4	106.8	113.9	127.1	128.8	126.2	114.7
Oriental Mindoro	52.5	48.8	45.3	44.2	35.9	28.8	32.2	28.1	35.3	42.1
Palawan	7,196.8	5,114.7	3,673.6	4,330.7	4,826.4	5,439.4	5,061.8	5,575.3	4,495.5	4,048.7
Romblon	159.1	127.8	87.8	94.7	69.5	61.5	58.9	74.3	67.9	142.9
Bicol Region	5,091.9	4,008.3	3,667.0	3,950.4	3,878.1	3,855.5	3,639.6	3,773.8	3,015.7	2,657.5
Albay	137.7	147.5	115.1	85.4	50.2	23.9	..	155.9	152.8	119.4
Camarines Norte	680.1	746.9	770.2	725.0	818.8	827.4	727.6	595.6	385.7	225.5
Camarines Sur	3,152.6	1,820.1	1,658.7	1,926.4	1,957.5	1,917.5	2,015.2	1,939.1	1,336.7	1,287.6
Catanduanes	445.7	495.7	362.6	415.5	304.4	253.5	184.4	146.1	110.4	106.3
Masbate	171.4	204.6	256.5	320.0	382.1	456.0	454.1	369.2	501.7	480.3
Sorsogon	504.4	593.5	504.0	478.1	365.1	377.1	258.4	568.0	528.4	438.3
Western Visayas	715.1	1,172.9	1,130.0	854.6	605.4	786.7	834.8	880.7	809.7	789.0
Aklan	179.0	176.3	188.1	193.9	149.1	167.0	214.8	259.3	238.7	236.1
Antique	122.2	93.8	88.7	76.1	86.7	86.8	89.1	98.1	99.0	103.9
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	301.0	261.3	216.7	123.3	193.1	348.6	341.3	338.2	325.9	252.7
Iloilo	72.6	85.1	83.6	23.0	..	43.0	23.5	47.8	104.0	132.4
Negros Occidental	40.4	556.4	553.0	438.5	176.5	141.3	166.1	137.3	42.1	63.9
Central Visayas	3,800.4	3,470.6	3,658.8	3,601.5	3,941.0	3,598.8	3,398.9	3,108.2	3,225.8	3,688.5
Bohol	622.2	677.8	781.9	825.8	651.5	566.1	465.1	444.4	794.3	1,098.8
Cebu	2,954.4	2,618.5	2,727.1	2,640.8	3,153.6	2,905.6	2,811.0	2,527.3	2,269.8	2,398.2
Negros Oriental	124.9	74.5	66.8	49.5	44.6	35.1	25.9	24.1	38.6	65.0
Siquijor	98.8	99.8	83.1	85.5	91.3	92.1	97.0	112.4	123.1	126.5
Eastern Visayas	1,589.3	1,405.3	1,667.6	1,634.0	1,706.4	1,383.8	1,529.4	1,461.0	1,967.4	1,372.6
Biliran	44.5	6.7	99.8	1.4	0.2	0.2	0.2	0.2	11.3	26.8
Eastern Samar	522.9	411.6	646.0	653.0	549.9	497.4	553.9	435.6	676.0	405.4
Leyte	140.3	71.6	26.2	16.1	14.7	40.0	56.7	58.7	118.1	80.8
Northern Samar	378.8	352.3	360.6	359.9	400.6	406.8	426.7	437.0	461.3	492.6
Southern Leyte	166.7	96.8	81.9	88.9	69.3	27.8	10.7	16.1	61.8	24.7
Samar	336.2	466.3	453.2	514.8	671.7	411.6	481.3	513.4	639.0	342.4
Zamboanga Peninsula	1,302.7	1,535.1	1,328.9	1,442.8	1,034.2	1,277.8	1,574.0	1,615.5	1,190.2	1,642.6
Zamboanga del Norte	44.5	37.4	6.3	2.9	10.4	7.1	16.0	11.3	17.1	22.7
Zamboanga del Sur	489.7	540.5	422.6	463.4	475.3	542.7	567.0	540.2	475.3	868.8
Zamboanga City	475.8	565.6	424.2	423.2	168.8	150.6	401.8	437.5	278.0	308.2
Zamboanga Sibugay	292.7	391.6	475.8	553.3	379.7	577.4	589.1	626.6	419.8	442.9
Northern Mindanao	504.7	619.2	652.3	647.3	1,073.5	1,012.4	1,072.5	1,059.2	1,082.9	1,099.3
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	2.3	1.7	3.2	4.6	5.0	5.9	7.7	8.2	8.0	9.7
Lanao del Norte	226.5	237.8	253.9	214.7	260.5	211.8	228.4	210.9	206.2	236.7
Misamis Occidental	233.4	336.2	366.0	417.7	730.1	745.3	771.7	774.7	819.5	779.2
Misamis Oriental	42.5	43.5	29.2	10.3	78.0	49.4	64.8	65.4	49.2	73.7
Davao Region	1,417.1	971.0	1,204.8	771.3	596.6	502.9	464.2	240.9	287.7	563.3
Davao del Norte	14.1	22.7	51.1	27.0	34.6	27.7	19.8	10.9	37.2	27.9
Davao del Sur	1,028.6	248.6	386.3	313.9	267.8	227.0	243.0	54.4	81.1	387.0
Davao City	39.0	41.1	36.2	33.0	19.1	17.4	15.3	49.7	1.9	12.6
Davao Oriental	272.5	613.9	692.1	371.6	262.5	219.2	174.4	111.0	149.0	110.1
Compostela Valley	62.9	44.6	39.0	25.9	12.6	11.6	11.6	14.9	18.6	25.8
SOCCSKSARGEN	68.7	63.9	53.4	56.5	85.5	43.0	36.6	34.8	15.7	38.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	27.3	25.3	18.6	22.7	52.7	17.8	9.7	18.8	0.0	0.2
South Cotabato	5.8	3.9	2.0	1.8	0.9	0.8	0.8	2.8	1.7	25.1
Sultan Kudarat	35.6	34.8	32.8	32.0	31.9	24.4	26.2	13.2	14.0	13.5
Caraga	2,761.2	2,482.1	3,215.0	3,235.0	3,015.6	2,541.8	2,099.0	1,818.5	1,828.5	1,649.4
Agusan del Norte	108.2	14.9	2.5	5.8	3.7	4.1	4.2	3.5	5.6	4.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	178.0	173.5
Surigao del Norte	1,673.7	1,373.4	2,005.5	1,901.6	1,560.5	1,084.8	1,204.0	1,128.8	943.1	912.6
Surigao del Sur	979.3	1,093.7	1,207.0	1,327.6	1,451.4	1,453.0	890.7	686.2	701.7	558.8
ARMM	1,609.2	1,847.7	2,102.1	2,240.5	2,002.8	2,483.1	2,681.2	2,158.1	2,039.0	2,110.2
Basilan	25.0	27.4	29.4	31.5	29.5	24.6	25.5	25.9	19.0	17.5
Lanao del Sur	210.6	216.8	218.0	217.9	217.6	566.8	755.1	250.9	..	..
Maguindanao	135.5	155.3	153.0	193.4	221.9	233.3	229.6	217.4	228.2	295.6
Sulu	535.8	536.1	546.1	545.7	526.5	526.6	527.6	538.8	545.5	565.6
Tawi-tawi	702.3	912.1	1,155.5	1,252.0	1,007.4	1,131.8	1,143.4	1,125.2	1,246.3	1,231.6

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Skipjack (Gulyasan)										
Philippines	**40,446.9**	**50,262.0**	**50,480.8**	**49,403.8**	**41,355.0**	**40,968.4**	**39,269.7**	**34,392.3**	**30,497.0**	**29,892.6**
NCR	15.2	26.2	111.5	244.9	132.3	103.4	61.8	166.9	208.1	202.1
Metro Manila	15.2	26.2	111.5	244.9	132.3	103.4	61.8	166.9	208.1	202.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	5,351.1	6,121.4	6,158.0	5,792.3	2,810.1	3,260.8	3,467.5	2,383.1	1,669.8	1,697.6
Ilocos Norte	2,367.1	1,966.2	2,053.8	2,226.7	759.2	803.5	1,193.9	449.6	251.8	329.4
Ilocos Sur	1,726.7	1,609.4	970.1	844.8	600.0	495.2	462.1	410.8	384.3	263.5
La Union	610.2	955.9	1,315.7	876.2	369.1	1,009.8	1,083.1	513.2	48.8	53.1
Pangasinan	647.1	1,590.0	1,818.5	1,844.6	1,081.8	952.3	728.4	1,009.6	985.0	1,051.6
Cagayan Valley	179.5	281.1	332.7	316.5	315.2	370.0	455.5	480.1	489.5	392.0
Batanes	7.5	10.6	10.7	7.9	24.9	22.9	19.3	4.8	4.7	5.0
Cagayan	168.7	258.2	304.3	295.2	277.5	336.6	422.8	462.0	470.4	373.0
Isabela	3.3	12.3	17.7	13.5	12.8	10.5	13.4	13.3	14.5	14.1
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,677.8	2,418.7	2,206.6	2,570.6	2,025.9	2,114.6	2,105.0	1,868.1	1,566.7	807.6
Aurora	274.0	275.7	307.9	296.3	232.4	227.7	236.2	240.8	242.9	244.7
Bataan	62.0	50.5	49.8	48.9	55.2	57.0	56.6	58.5	108.3	14.8
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	3.5	3.4	..	..	..	..	4.6
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1,341.8	2,092.4	1,848.9	2,221.9	1,734.9	1,829.9	1,812.2	1,568.7	1,215.5	543.4
CALABARZON	1,525.8	1,131.5	1,202.4	1,658.3	1,111.6	922.5	1,013.2	461.4	517.4	558.5
Batangas	504.3	868.1	913.4	1,049.7	543.4	458.6	665.4	395.3	463.8	487.9
Cavite	6.2	1.2	..	..	..	..	..	..	..	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,015.2	262.3	289.0	608.6	568.2	463.9	347.9	66.0	53.6	70.6
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	6,497.4	7,559.0	6,398.2	6,566.1	5,260.0	4,356.4	4,608.5	4,164.9	3,412.3	3,060.3
Marinduque	327.4	306.9	319.8	336.2	366.2	349.9	380.2	361.8	384.3	435.1
Occidental Mindoro	309.3	427.1	402.4	364.7	368.2	383.5	397.4	405.5	415.1	370.1
Oriental Mindoro	765.1	768.4	811.7	803.9	769.0	652.4	676.7	583.2	476.7	445.3
Palawan	4,831.5	5,673.9	4,517.0	4,775.0	3,572.6	2,781.2	2,993.9	2,691.2	1,953.3	1,652.9
Romblon	264.1	382.7	347.4	286.3	184.1	189.3	160.3	123.3	183.0	156.9
Bicol Region	2,664.2	2,576.9	2,819.2	2,503.5	3,565.5	4,091.0	3,446.1	2,232.7	2,121.1	2,102.0
Albay	622.4	390.6	539.0	281.4	226.7	41.5	..	3.2	54.8	114.6
Camarines Norte	1,017.1	1,372.5	1,390.0	1,325.6	1,225.2	1,533.5	1,428.9	1,347.7	1,381.8	1,215.9
Camarines Sur	189.4	437.8	533.1	512.7	473.7	485.6	497.7	471.3	348.4	363.9
Catanduanes	62.7	103.0	263.4	308.3	389.0	489.9	456.0	312.2	255.4	250.5
Masbate	445.2	136.9	76.2	75.5	32.1	158.9	120.5	0.5	11.6	3.6
Sorsogon	327.5	136.3	17.6	..	1,218.9	1,381.6	943.0	97.7	69.1	153.6
Western Visayas	1,339.8	2,479.5	3,714.0	3,020.3	1,675.4	2,202.7	2,321.5	2,173.5	1,370.8	1,204.7
Aklan	135.6	136.3	205.3	263.5	279.2	273.2	288.6	360.8	334.0	363.0
Antique	740.0	1,759.7	1,872.9	1,565.8	1,193.7	1,189.2	1,134.5	986.9	888.9	709.4
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	12.7	13.4	14.7	7.7	7.1	2.7	1.6	2.3	1.4	5.8
Iloilo	430.3	390.0	1,067.2	661.8	75.5	609.1	768.8	654.6	121.9	25.4
Negros Occidental	21.2	180.0	553.9	521.5	120.0	128.5	128.0	168.9	24.6	101.2
Central Visayas	287.8	228.9	181.5	131.3	131.2	142.0	147.8	178.4	199.6	240.9
Bohol	170.8	83.6	55.3	9.6	12.2	19.7	32.7	39.6	61.2	55.0
Cebu	11.6	29.8	15.7	16.2	18.0	25.8	37.5	69.3	96.7	90.1
Negros Oriental	73.6	84.1	73.0	74.9	68.6	64.3	47.0	45.8	15.9	71.2
Siquijor	31.9	31.4	37.6	30.5	32.4	32.1	30.7	23.8	25.8	24.5
Eastern Visayas	1,241.1	7,256.1	6,270.5	8,864.5	8,990.6	8,347.3	6,636.2	6,467.9	6,143.8	5,688.4
Biliran	..	6.6	2.2	..	..	..	..	..	..	..
Eastern Samar	944.0	6,545.2	5,410.9	8,062.7	8,310.1	7,648.7	5,888.2	5,730.9	5,330.8	4,677.7
Leyte	137.5	145.8	112.8	75.0	47.0	7.9	20.4	0.7	78.9	4.2
Northern Samar	105.6	492.4	666.6	687.6	621.2	684.7	718.9	725.4	717.4	772.6
Southern Leyte	54.1	61.0	34.0	39.2	12.3	6.1	8.6	10.8	15.4	13.6
Samar	..	5.2	43.9	..	..	..	..	..	1.4	220.3
Zamboanga Peninsula	8,939.7	8,507.3	10,784.3	8,505.8	6,021.0	4,907.6	3,852.8	3,144.2	3,009.1	3,096.0
Zamboanga del Norte	2,386.2	5,629.7	8,146.1	6,681.2	3,279.4	2,153.2	1,071.1	487.3	702.6	992.6
Zamboanga del Sur	3,054.7	2,364.0	2,584.2	1,804.2	1,717.0	1,700.8	1,678.0	1,642.5	1,579.1	894.4
Zamboanga City	3,222.1	478.4	..	7.4	766.0	736.6	740.2	798.5	695.2	1,199.8
Zamboanga Sibugay	276.7	35.2	54.1	13.0	258.8	317.1	363.6	215.9	32.2	9.2
Northern Mindanao	408.0	587.2	557.8	447.5	311.1	337.9	375.5	261.9	287.8	381.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	102.4	94.4	74.4	83.0	58.3	91.0	85.1	42.4	49.3	77.4
Lanao del Norte	176.0	202.1	202.2	152.3	152.4	156.5	159.1	137.6	151.5	140.8
Misamis Occidental	114.7	223.4	250.5	158.6	48.0	49.5	47.3	42.9	40.0	36.8
Misamis Oriental	14.8	67.4	30.7	53.7	52.4	40.9	84.0	39.1	47.0	126.6
Davao Region	1,548.0	949.0	785.6	915.3	1,034.3	824.3	688.1	1,434.5	1,511.9	1,754.4
Davao del Norte	203.1	73.4	162.6	154.7	108.6	79.1	51.8	27.6	177.0	35.3
Davao del Sur	718.2	67.1	150.3	105.9	241.7	65.9	8.6	232.5	197.8	894.0
Davao City	51.2	31.5	10.6	1.0	..	..	..	53.6	0.4	7.1
Davao Oriental	479.1	639.8	320.6	351.2	417.2	372.8	380.9	924.5	1,020.8	770.7
Compostela Valley	96.5	137.3	141.4	302.5	266.8	306.5	246.8	196.4	115.9	47.3
SOCCSKSARGEN	1,240.0	2,385.7	2,135.4	1,995.6	2,166.7	2,077.5	2,229.0	1,810.1	1,763.8	2,592.9
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	964.6	1,996.9	1,750.3	1,522.0	1,674.2	1,444.8	1,560.1	1,077.1	807.4	639.1
South Cotabato	37.7	127.8	108.2	168.3	158.6	196.7	200.4	191.4	408.9	1,339.8
Sultan Kudarat	237.7	261.1	277.0	305.3	333.9	435.9	468.5	541.6	547.5	614.0
Caraga	3,738.3	4,035.5	3,316.7	2,103.0	2,185.3	2,497.0	2,992.6	2,950.2	3,296.5	3,107.2
Agusan del Norte	186.4	139.2	161.3	87.7	61.6	33.5	30.0	26.5	19.5	14.4
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	258.1	256.8
Surigao del Norte	2,959.4	3,339.5	2,628.6	1,633.3	1,764.0	2,107.1	2,396.4	2,313.8	2,199.6	2,029.4
Surigao del Sur	592.5	556.7	526.8	382.0	359.8	356.4	566.2	609.9	819.3	806.6
ARMM	3,793.3	3,718.2	3,506.3	3,768.3	3,618.8	4,413.7	4,868.7	4,214.5	2,928.8	3,006.4
Basilan	343.8	349.4	364.9	371.9	366.9	422.5	432.8	460.7	57.5	75.3
Lanao del Sur	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	184.2	302.1	212.6	255.3	271.4	273.5	268.2	169.7	163.9	153.6
Sulu	271.0	471.8	413.8	421.9	424.1	435.0	462.8	489.5	545.3	567.8
Tawi-tawi	1,570.1	1,168.8	1,101.3	1,297.3	1,135.9	1,365.8	1,626.7	1,932.7	2,162.2	2,209.8

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Slipmouth (Sapsap)										
Philippines	**33,925.3**	**39,355.4**	**43,829.0**	**41,608.7**	**39,286.4**	**35,737.6**	**35,819.8**	**34,468.5**	**33,721.8**	**34,460.0**
NCR	153.6	231.1	178.3	90.7	93.8	109.2	195.9	234.4	266.5	282.1
Metro Manila	153.6	231.1	178.3	90.7	93.8	109.2	195.9	234.4	266.5	282.1
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	364.9	349.7	174.1	380.2	153.3	239.0	302.5	156.6	144.1	139.7
Ilocos Norte	58.0	64.1	48.7	148.5	58.9	114.2	195.2	50.8	44.3	43.0
Ilocos Sur	17.9	42.0	56.3	89.5	59.1	65.5	38.6	32.5	27.2	18.3
La Union	51.2	52.3	40.5	35.8	13.0	12.2	12.4	18.5	12.5	17.8
Pangasinan	237.8	191.3	28.7	106.4	22.4	47.1	56.3	54.9	60.2	60.6
Cagayan Valley	538.9	334.1	408.4	403.4	358.9	471.1	555.7	542.2	571.9	489.3
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	534.6	329.0	403.5	399.5	355.9	468.1	552.4	538.9	567.8	485.3
Isabela	4.3	5.0	5.0	3.9	3.1	3.0	3.3	3.2	4.1	3.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	779.2	626.5	583.9	590.0	526.5	547.3	568.2	614.5	1,180.9	895.7
Aurora	75.2	77.6	76.6	63.8	59.4	58.4	60.1	58.0	51.5	44.1
Bataan	338.4	300.9	320.0	335.6	276.3	288.2	313.1	326.5	904.7	656.7
Bulacan	14.4	5.5	..	5.4	..	2.8	..	..	37.4	9.3
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	135.0	147.9	131.3	132.2	115.6	115.7	115.5	113.0	111.9	96.0
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	216.2	94.7	56.0	52.9	75.1	82.2	79.5	117.2	75.5	89.6
CALABARZON	958.1	956.4	1,391.7	1,791.8	1,537.8	1,367.7	1,494.4	1,307.8	1,550.8	2,297.1
Batangas	340.1	169.3	149.7	143.9	153.6	63.5	61.0	47.3	34.0	28.4
Cavite	53.1	69.4	75.6	43.2	29.7	40.0	35.4	48.8	89.4	167.4
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	565.0	717.7	1,166.4	1,604.6	1,354.5	1,264.2	1,398.1	1,211.7	1,427.4	2,101.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	10,405.7	9,447.0	11,081.3	9,156.7	9,952.7	7,813.5	9,446.6	7,978.6	7,342.1	7,386.8
Marinduque	107.3	97.7	95.2	94.7	98.7	91.3	97.2	96.6	75.8	40.0
Occidental Mindoro	249.0	231.3	238.8	228.4	228.6	232.6	230.5	231.1	226.9	197.6
Oriental Mindoro	199.7	208.3	218.3	206.8	242.2	255.2	284.8	261.3	173.9	187.7
Palawan	9,744.3	8,836.8	10,461.3	8,569.0	9,327.9	7,182.1	8,782.0	7,324.6	6,793.6	6,867.0
Romblon	105.4	72.9	67.7	57.9	55.3	52.4	52.1	65.0	72.1	94.6
Bicol Region	4,795.4	7,300.5	9,826.5	9,603.1	7,903.3	7,170.4	7,177.3	6,691.9	6,786.7	7,669.9
Albay	101.0	98.5	173.4	250.1	241.8	279.8	294.1	271.8	267.3	246.1
Camarines Norte	1,169.9	1,098.5	1,306.9	1,242.5	2,561.9	2,175.1	2,154.4	1,255.7	1,521.2	1,467.1
Camarines Sur	515.5	561.4	680.4	673.7	620.9	580.6	563.3	514.1	489.0	621.4
Catanduanes	422.9	216.1	186.0	90.8	75.2	63.4	23.9	23.3	16.7	22.8
Masbate	2,251.1	2,387.2	3,116.5	3,177.2	2,706.8	2,309.2	2,339.0	2,157.0	2,594.6	3,032.9
Sorsogon	335.0	2,938.8	4,363.4	4,168.8	1,696.8	1,762.3	1,802.5	2,469.9	1,898.0	2,279.6
Western Visayas	7,084.1	11,403.9	10,227.9	9,820.5	10,776.0	10,061.0	8,705.9	9,463.5	6,599.9	6,226.2
Aklan	468.1	529.3	582.8	556.3	464.0	430.2	512.7	560.4	546.4	543.7
Antique	44.2	37.4	35.0	49.6	78.1	90.6	103.8	118.6	122.5	175.2
Capiz	1,090.4	5,771.2	5,716.2	5,280.6	5,329.8	4,722.8	3,163.1	3,925.9	2,710.6	1,490.4
Guimaras	170.0	151.2	159.5	248.7	200.6	161.5	129.3	142.7	140.5	124.4
Iloilo	2,656.8	2,842.6	2,175.0	2,568.3	1,444.8	1,410.0	1,422.2	1,206.1	629.3	1,630.8
Negros Occidental	2,654.6	2,072.2	1,559.4	1,117.0	3,258.7	3,246.1	3,374.8	3,509.8	2,450.5	2,261.7
Central Visayas	375.6	567.5	884.8	753.5	467.3	490.7	397.8	454.3	516.6	880.2
Bohol	41.8	329.8	524.2	459.0	157.8	151.4	145.7	230.6	327.2	587.5
Cebu	282.2	211.4	333.3	272.6	291.7	322.0	242.2	201.7	136.4	147.4
Negros Oriental	47.2	23.0	24.5	19.3	15.0	14.4	7.3	19.6	50.1	143.5
Siquijor	4.3	3.3	2.7	2.6	2.8	2.9	2.6	2.4	2.8	1.9
Eastern Visayas	2,215.3	1,875.7	2,770.0	2,878.4	2,800.4	2,423.6	2,340.8	2,819.1	4,230.1	2,736.1
Biliran	152.0	171.0	144.5	128.7	137.9	117.5	112.5	112.2	107.4	119.2
Eastern Samar	478.8	108.0	96.2	81.2	67.7	72.9	78.3	72.9	103.7	117.8
Leyte	698.0	257.0	417.0	491.4	338.9	270.3	312.6	397.2	673.2	845.3
Northern Samar	440.9	381.4	609.8	655.8	679.3	634.6	608.5	598.2	573.1	505.1
Southern Leyte	153.4	79.3	67.0	66.4	42.4	4.1	3.1	5.3	10.7	15.5
Samar	292.3	879.1	1,435.4	1,454.9	1,534.2	1,324.2	1,225.8	1,633.4	2,762.0	1,133.2
Zamboanga Peninsula	2,952.8	3,268.3	3,291.0	3,073.8	2,090.9	2,512.3	2,095.3	2,108.5	2,305.3	3,442.8
Zamboanga del Norte	397.6	506.4	89.1	23.9	61.5	89.8	62.2	85.0	102.4	86.4
Zamboanga del Sur	330.7	305.1	164.6	188.4	226.3	238.7	238.4	236.4	226.5	316.2
Zamboanga City	30.2	30.9	23.3	47.8	81.5	83.7	129.8	145.5	139.8	128.8
Zamboanga Sibugay	2,194.3	2,425.9	3,014.0	2,813.6	1,721.7	2,100.0	1,665.0	1,641.6	1,836.6	2,911.5
Northern Mindanao	984.5	726.2	773.8	740.8	428.6	338.3	356.8	356.1	434.7	512.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	550.8	416.9	358.7	414.9	297.0	206.4	222.0	231.4	266.5	278.6
Misamis Occidental	427.7	300.1	398.8	309.7	123.5	127.2	123.1	114.6	148.6	223.2
Misamis Oriental	5.9	9.2	16.3	16.2	8.0	4.7	11.7	10.1	19.7	10.5
Davao Region	274.3	159.0	96.4	190.3	239.3	242.8	303.6	92.1	102.9	91.7
Davao del Norte	3.1	15.9	8.5	5.4	9.3	3.0	43.9	27.1	15.9	19.7
Davao del Sur	167.5	80.6	43.7	58.5	148.3	168.5	201.0	27.5	34.9	13.0
Davao City	11.9	5.9	3.3	16.3	14.3	6.1	4.3	1.1	9.7	16.1
Davao Oriental	42.5	22.7	10.2	86.2	46.8	48.7	41.1	22.0	33.5	30.1
Compostela Valley	49.4	33.8	30.8	23.9	20.7	16.6	13.3	14.4	8.9	12.8
SOCCSKSARGEN	158.0	157.5	160.6	177.7	143.2	140.8	109.1	120.2	247.6	171.4
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	33.2	26.4	30.9	33.9	15.8	15.7	8.7	3.4	148.3	52.8
South Cotabato	6.0	3.9	5.4	20.5	5.5	6.1	5.8	1.8	4.2	21.5
Sultan Kudarat	118.8	127.1	124.3	123.2	121.9	119.1	94.6	114.9	95.1	97.1
Caraga	560.2	589.0	704.5	702.7	661.4	607.6	497.8	387.8	399.3	248.5
Agusan del Norte	47.1	45.0	60.3	38.7	22.1	12.7	26.0	23.6	20.8	17.3
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	7.3	15.5
Surigao del Norte	131.2	118.4	143.1	120.7	56.1	85.3	29.4	42.2	32.4	43.2
Surigao del Sur	381.9	425.5	501.1	543.3	583.2	509.6	442.5	322.0	338.8	172.5
ARMM	1,324.7	1,363.3	1,275.9	1,255.2	1,153.0	1,202.5	1,272.1	1,141.0	1,042.4	990.2
Basilan	102.2	109.0	105.2	100.5	94.7	62.5	56.3	54.0	48.5	72.1
Lanao del Sur	384.5	398.4	408.6	405.2	404.0	454.7	542.8	451.1	359.8	363.7
Maguindanao	212.0	227.7	236.0	206.4	216.7	220.4	223.5	184.9	196.9	138.3
Sulu	240.5	189.6	183.0	179.2	144.2	142.7	145.7	143.0	137.0	134.2
Tawi-tawi	385.5	438.7	343.2	363.9	293.4	322.2	303.9	307.9	300.1	281.9

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Snapper (Maya-maya)										
Philippines	**15,149.4**	**17,118.8**	**18,289.4**	**18,520.2**	**17,702.8**	**18,122.8**	**16,707.5**	**15,524.7**	**14,313.4**	**14,887.1**
NCR	..	0.8	0.2	0.4	0.1	0.7	0.8	1.6	15.5	25.0
Metro Manila	..	0.8	0.2	0.4	0.1	0.7	0.8	1.6	15.5	25.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	110.3	149.7	177.0	206.6	392.9	411.3	285.3	93.2	99.5	157.0
Ilocos Norte	42.7	75.2	74.0	85.0	333.9	364.9	239.9	50.3	57.1	112.9
Ilocos Sur	27.4	32.4	44.4	69.5	39.4	20.9	17.4	19.5	5.8	4.0
La Union	28.0	28.9	27.7	26.3	1.7	2.2	1.0	1.2	14.6	11.1
Pangasinan	12.2	13.3	30.9	25.9	17.9	23.3	26.9	22.1	22.1	28.9
Cagayan Valley	252.9	359.7	335.0	294.5	357.0	338.7	301.6	271.2	273.8	250.6
Batanes	14.2	16.6	16.2	4.1	9.9	10.1	11.7	25.4	17.4	22.3
Cagayan	229.6	333.1	308.4	280.8	336.0	317.8	277.1	233.4	243.3	216.0
Isabela	9.1	10.1	10.5	9.6	11.1	10.8	12.8	12.5	13.1	12.2
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	189.3	202.1	181.5	186.9	216.2	203.2	214.5	250.9	424.4	628.3
Aurora	83.3	85.5	87.5	86.1	105.7	104.0	110.5	114.5	116.0	113.9
Bataan	23.7	35.4	33.5	34.6	48.9	50.5	53.8	54.9	232.6	362.5
Bulacan	..	..	..	..	..	..	..	..	4.8	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	4.0	13.6	..	..	..	13.1	10.4
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	82.3	81.2	60.5	62.2	48.1	48.7	50.3	81.5	57.9	141.6
CALABARZON	338.3	342.4	255.1	213.3	383.8	462.0	372.7	460.9	501.8	487.8
Batangas	135.0	64.8	47.5	55.9	43.3	18.1	42.8	12.3	13.5	14.4
Cavite	1.4	5.6	6.3	4.0	1.7	0.5	0.9	0.0	2.8	0.2
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	201.8	272.0	201.4	153.5	338.9	443.4	328.9	448.5	485.5	473.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,940.8	4,466.6	4,747.3	5,437.3	4,626.2	4,757.4	3,899.2	3,127.3	2,334.4	2,749.9
Marinduque	32.9	24.8	27.9	26.7	26.8	31.6	32.6	38.0	40.3	45.7
Occidental Mindoro	98.8	90.5	85.5	80.0	77.3	77.2	89.9	90.3	93.4	91.6
Oriental Mindoro	53.7	61.7	73.6	73.5	60.2	59.5	60.5	52.3	28.3	30.8
Palawan	3,662.2	4,195.5	4,465.3	5,182.0	4,389.6	4,487.3	3,633.6	2,868.8	2,104.0	2,450.9
Romblon	93.1	94.2	95.1	75.3	72.3	101.8	82.7	77.9	68.4	130.9
Bicol Region	1,969.7	1,587.4	1,391.5	1,413.7	2,005.9	2,397.4	2,421.2	1,582.3	1,757.0	1,699.8
Albay	114.8	124.8	145.5	207.7	269.2	305.0	317.1	291.1	307.0	292.5
Camarines Norte	698.3	575.8	576.5	536.4	967.3	1,288.5	1,318.4	501.8	548.6	532.6
Camarines Sur	441.5	334.7	409.8	410.4	411.7	408.5	423.5	389.2	352.1	322.1
Catanduanes	299.1	173.0	186.1	182.4	177.5	161.9	141.0	119.6	94.7	88.8
Masbate	148.1	145.1	53.6	53.1	49.3	64.7	46.4	55.6	185.7	266.2
Sorsogon	267.9	233.9	20.0	23.8	131.0	168.7	174.9	225.0	268.9	197.6
Western Visayas	927.8	2,230.2	2,483.7	2,768.2	3,055.3	2,816.5	2,359.4	2,017.5	1,444.8	1,795.7
Aklan	86.6	79.7	111.4	121.1	102.8	110.0	111.3	127.1	116.3	116.2
Antique	225.0	385.2	385.5	333.4	247.1	311.6	295.2	268.8	242.5	209.1
Capiz	..	502.9	748.1	673.2	670.6	848.4	655.0	632.5	406.6	702.1
Guimaras	129.8	142.7	152.0	135.4	113.5	158.1	143.1	169.2	228.8	222.1
Iloilo	463.6	661.4	646.0	1,038.6	1,560.9	1,043.6	795.0	467.3	345.6	452.5
Negros Occidental	22.8	458.4	440.6	466.6	360.4	344.8	359.9	352.6	105.0	93.6
Central Visayas	1,063.0	1,899.5	1,905.0	1,532.9	1,066.8	1,160.3	1,003.4	1,028.8	614.2	492.7
Bohol	420.4	328.8	381.6	333.7	320.1	364.5	404.0	458.8	163.5	91.8
Cebu	426.2	1,413.6	1,392.8	1,066.9	610.6	653.7	452.6	408.1	263.6	143.2
Negros Oriental	118.7	62.6	48.3	38.9	39.6	37.9	35.0	35.1	56.1	123.3
Siquijor	97.7	94.6	82.3	93.5	96.5	104.2	111.7	126.9	131.0	134.4
Eastern Visayas	1,152.0	1,090.6	1,633.1	1,434.7	1,387.1	1,056.3	1,264.5	1,283.7	1,257.5	1,170.8
Biliran	33.3	44.4	26.7	17.6	14.0	17.4	16.7	13.7	20.7	71.7
Eastern Samar	239.6	193.3	390.3	314.7	321.4	289.8	269.5	234.6	147.4	77.2
Leyte	202.9	467.1	765.2	722.3	617.5	394.7	567.5	559.4	600.5	543.1
Northern Samar	366.3	317.6	319.4	242.1	198.5	185.9	170.8	155.2	156.4	163.2
Southern Leyte	75.4	41.9	36.0	35.8	26.0	47.6	44.6	47.8	12.0	39.0
Samar	234.5	26.4	95.4	102.1	209.7	120.9	195.5	273.1	320.6	276.6
Zamboanga Peninsula	1,223.8	1,426.2	1,498.4	1,303.9	913.5	1,005.6	1,025.4	1,047.3	965.3	1,100.4
Zamboanga del Norte	131.1	573.6	321.8	39.8	8.3	27.1	42.5	29.8	32.4	39.5
Zamboanga del Sur	441.0	351.1	293.8	322.4	298.1	296.7	330.0	300.9	323.1	459.0
Zamboanga City	159.8	328.5	415.8	444.0	358.4	382.6	332.1	417.8	316.3	267.7
Zamboanga Sibugay	491.9	173.0	467.0	497.7	248.6	299.2	320.8	298.8	293.6	334.2
Northern Mindanao	561.2	1,063.6	952.4	871.3	732.6	781.8	844.0	805.0	882.4	861.0
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	10.7	6.3	8.9	19.4	14.8	18.9	20.6	18.6	58.5	37.2
Lanao del Norte	272.1	357.8	162.0	124.1	69.2	59.7	58.6	94.9	126.0	126.6
Misamis Occidental	265.5	689.8	770.9	708.0	634.0	657.0	675.3	659.7	665.2	644.0
Misamis Oriental	13.0	9.8	10.6	19.8	14.6	46.3	89.6	31.9	32.7	53.2
Davao Region	537.7	243.1	429.3	627.3	293.9	184.1	216.7	140.9	180.2	170.4
Davao del Norte	18.4	15.0	35.5	26.3	22.2	9.7	10.8	23.1	23.8	22.5
Davao del Sur	43.0	4.8	40.8	161.3	6.6	5.7	71.5	14.2	31.4	29.7
Davao City	7.8	2.4	7.9	18.8	11.7	11.9	5.9	2.3	7.4	0.9
Davao Oriental	430.9	177.4	301.7	383.9	228.6	134.4	109.1	69.3	85.7	102.7
Compostela Valley	37.6	43.5	43.5	37.0	24.8	22.4	19.3	32.0	31.8	14.6
SOCCSKSARGEN	92.9	115.6	121.7	100.6	74.1	95.2	69.7	103.3	101.8	90.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	45.1	68.0	73.5	53.2	29.1	39.2	24.9	21.1	26.1	8.8
South Cotabato	3.9	3.4	3.0	2.0	3.6	2.3	3.0	2.6	1.5	6.8
Sultan Kudarat	43.8	44.2	45.2	45.4	41.4	53.8	41.8	79.6	74.2	74.7
Caraga	1,130.7	969.5	1,160.5	1,120.8	1,128.8	1,380.6	1,391.5	1,427.0	1,336.4	1,052.7
Agusan del Norte	41.9	24.8	37.8	24.2	16.3	11.0	39.4	42.8	40.2	36.3
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	0.4	..
Surigao del Norte	299.0	249.6	420.4	397.1	424.5	586.8	577.5	702.6	610.3	432.3
Surigao del Sur	789.9	695.2	702.3	699.5	688.1	782.8	774.6	681.6	685.5	584.1
ARMM	1,659.0	972.0	1,017.8	1,007.9	1,068.8	1,071.8	1,037.6	1,884.1	2,124.4	2,154.8
Basilan	113.7	129.3	131.1	125.3	122.9	121.1	136.3	134.8	66.9	72.6
Lanao del Sur	..	..	..	..	..	..	..	830.2	1,088.3	1,093.5
Maguindanao	99.0	104.3	106.0	67.7	71.5	72.5	74.5	76.3	81.3	85.5
Sulu	359.9	429.7	390.8	359.9	339.3	336.0	337.5	340.6	333.8	339.0
Tawi-tawi	1,086.5	308.6	389.9	455.0	535.0	542.2	489.3	502.2	554.1	564.2

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Spanish mackerel (Tanigue)										
Philippines	**13,219.4**	**12,688.8**	**13,813.5**	**13,905.2**	**12,509.7**	**13,308.7**	**11,626.7**	**12,046.0**	**12,044.9**	**12,450.8**
NCR	4.3	6.0	0.4	0.6	5.6	0.3	1.9	1.3	78.0	126.7
Metro Manila	4.3	6.0	0.4	0.6	5.6	0.3	1.9	1.3	78.0	126.7
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	410.5	802.2	635.8	748.5	295.0	394.5	491.0	408.7	260.4	221.6
Ilocos Norte	51.8	111.5	94.2	118.4	40.2	149.2	258.4	125.8	50.2	30.3
Ilocos Sur	96.1	259.7	212.5	191.1	159.7	103.6	77.3	110.1	92.9	94.9
La Union	102.3	239.1	196.2	363.1	76.5	106.1	126.7	137.4	68.2	39.5
Pangasinan	160.3	191.9	132.9	76.0	18.6	35.6	28.6	35.4	49.1	56.9
Cagayan Valley	345.5	366.2	458.6	450.4	505.9	566.8	566.8	521.6	505.1	500.0
Batanes	..	..	..	..	0.6	9.3	10.6	21.7	17.2	18.8
Cagayan	323.8	343.0	432.4	426.3	479.9	531.9	528.1	472.5	459.1	454.2
Isabela	21.7	23.2	26.2	24.1	25.5	25.6	28.1	27.4	28.8	27.0
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	430.3	453.4	414.2	409.3	364.1	374.9	383.1	418.5	613.3	376.0
Aurora	78.4	80.1	94.8	90.7	108.4	109.7	116.9	120.2	122.4	116.5
Bataan	61.6	48.4	49.3	45.6	61.2	63.9	66.2	70.1	275.3	31.1
Bulacan	0.9	4.0	0.5	0.3	0.2	..	..	..	1.5	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	155.4	138.6	120.2	116.0	105.4	106.4	99.9	102.9	74.3	57.5
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	134.0	182.4	149.4	156.8	89.0	95.0	100.1	125.3	139.8	170.9
CALABARZON	118.2	132.8	213.6	506.7	406.9	555.7	155.1	347.9	224.8	144.3
Batangas	48.9	67.2	116.9	123.8	63.7	141.9	37.7	278.6	150.1	133.1
Cavite	0.5	0.5	..	0.6	8.0	28.0	38.7	22.1	9.3	..
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	68.9	65.1	96.8	382.3	335.1	385.8	78.6	47.2	65.5	11.2
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	2,305.5	2,134.3	2,618.2	3,037.1	2,032.2	1,702.3	811.3	1,302.4	1,362.5	1,569.8
Marinduque	69.7	61.1	65.1	66.6	64.6	66.4	63.9	65.7	66.1	58.4
Occidental Mindoro	32.4	27.7	27.5	25.1	19.7	15.1	14.1	14.2	14.9	19.4
Oriental Mindoro	86.1	80.5	69.3	69.9	68.0	63.3	56.6	44.1	30.8	27.1
Palawan	2,028.6	1,881.4	2,383.9	2,801.6	1,841.0	1,525.7	639.2	1,139.2	1,226.2	1,416.7
Romblon	88.7	83.6	72.4	73.9	38.9	31.8	37.6	39.2	24.6	48.2
Bicol Region	2,162.4	1,759.3	2,206.0	2,232.8	1,862.5	2,190.4	1,888.7	1,707.3	1,274.4	1,419.0
Albay	290.6	158.9	225.7	312.8	278.2	346.7	427.8	391.8	387.8	397.2
Camarines Norte	567.0	565.6	652.6	600.2	567.6	840.2	814.6	770.6	247.2	245.0
Camarines Sur	79.0	84.9	133.1	139.8	117.8	111.3	114.1	107.7	193.6	260.8
Catanduanes	837.0	499.7	721.7	716.7	715.5	756.8	410.3	323.5	264.2	225.8
Masbate	294.9	388.0	327.8	317.2	100.7	41.8	43.0	56.8	178.6	283.4
Sorsogon	93.8	62.3	145.2	146.1	82.8	93.8	79.0	56.9	3.1	6.7
Western Visayas	1,607.2	1,968.4	2,071.3	1,871.5	2,482.8	2,447.7	2,269.4	1,870.4	2,060.1	2,235.5
Aklan	50.6	64.4	66.1	70.8	99.8	83.9	113.3	120.7	139.6	221.2
Antique	164.4	239.6	288.3	263.7	148.6	131.6	135.9	122.6	87.7	117.6
Capiz	44.4	20.3	4.6	4.2	4.2	5.2	3.7	5.3	5.4	4.2
Guimaras	24.6	18.4	27.8	28.0	33.3	105.2	59.9	87.7	241.6	242.2
Iloilo	1,067.1	932.9	817.9	658.8	1,148.2	1,025.3	836.8	482.4	447.6	291.6
Negros Occidental	256.2	692.9	866.6	846.1	1,048.7	1,096.6	1,119.9	1,051.8	1,138.2	1,358.7
Central Visayas	285.0	108.0	110.0	125.1	146.4	122.1	106.6	101.3	201.3	190.3
Bohol	140.7	13.0	10.9	6.6	13.1	12.6	9.3	8.1	87.3	54.6
Cebu	33.1	23.2	42.8	66.6	79.4	62.8	61.5	55.2	63.8	87.3
Negros Oriental	99.2	58.4	42.1	36.5	36.4	29.8	17.2	20.7	30.9	32.3
Siquijor	12.0	13.4	14.3	15.5	17.5	17.0	18.7	17.3	19.3	16.0
Eastern Visayas	1,307.4	971.4	1,410.5	1,320.2	1,360.2	1,246.7	1,179.2	1,164.4	1,402.0	1,311.7
Biliran	18.5	40.4	16.6	9.2	1.3	1.2	1.1	0.9	1.9	12.9
Eastern Samar	339.5	92.0	126.8	127.4	327.5	328.3	210.3	247.9	609.7	492.7
Leyte	342.7	329.7	586.2	465.8	242.7	114.0	168.7	106.1	120.6	41.4
Northern Samar	419.9	283.5	429.4	424.3	381.6	394.8	389.2	384.3	391.1	387.2
Southern Leyte	99.6	65.0	82.8	112.0	148.6	177.3	179.6	170.2	87.2	107.0
Samar	87.1	160.9	168.6	181.6	258.4	231.1	230.3	255.0	191.4	270.4
Zamboanga Peninsula	1,779.9	1,944.7	1,497.7	1,077.1	859.4	884.9	976.9	1,083.0	908.2	584.2
Zamboanga del Norte	220.8	131.7	5.1	5.8	6.0	1.3	4.5	3.8	3.4	3.5
Zamboanga del Sur	495.2	540.8	385.3	331.9	464.1	497.5	535.6	535.3	491.2	323.4
Zamboanga City	528.1	328.4	324.5	323.2	60.6	76.4	119.5	162.8	97.0	120.6
Zamboanga Sibugay	535.8	943.8	782.8	416.3	328.6	309.7	317.2	381.2	316.5	136.8
Northern Mindanao	376.8	421.4	232.6	174.8	254.1	271.6	285.9	293.2	340.1	328.7
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	7.8	7.8	14.8	8.9	18.9	13.0	14.9	11.4	14.9	9.2
Lanao del Norte	196.0	287.2	155.4	75.0	154.1	161.3	150.9	147.5	184.0	173.6
Misamis Occidental	161.2	108.7	50.5	61.3	32.6	78.8	79.8	81.1	89.3	78.6
Misamis Oriental	11.8	17.7	11.8	29.6	48.5	18.6	40.3	53.3	52.0	67.2
Davao Region	510.1	340.3	425.5	369.1	243.9	285.4	214.1	242.6	158.9	731.8
Davao del Norte	32.1	37.3	79.2	71.0	47.1	30.7	12.7	30.0	31.4	31.3
Davao del Sur	14.5	11.9	43.3	32.0	..	..	..	0.6	0.5	339.3
Davao City	2.1	5.6	6.1	0.2	0.2	0.4	..	6.8	1.5	4.1
Davao Oriental	361.5	168.3	174.9	169.2	129.2	191.4	146.4	151.9	86.9	321.6
Compostela Valley	99.9	117.3	122.0	96.7	67.4	62.9	55.0	53.4	38.6	35.6
SOCCSKSARGEN	82.4	56.3	77.7	87.8	66.8	86.9	102.8	148.6	155.2	142.5
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	37.2	17.5	39.7	46.1	35.9	32.6	44.8	21.6	47.6	33.8
South Cotabato	4.5	1.4	0.8	0.6	..	..	0.4	4.3	3.9	4.4
Sultan Kudarat	40.8	37.3	37.2	41.0	31.0	54.3	57.5	122.6	103.7	104.4
Caraga	346.1	225.9	367.5	368.7	436.7	672.2	669.4	759.5	804.2	853.6
Agusan del Norte	23.4	11.6	17.9	13.4	20.1	17.7	13.9	13.6	16.4	14.3
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	65.1	64.1
Surigao del Norte	272.2	149.1	287.5	323.7	377.3	606.1	553.2	622.5	498.6	539.2
Surigao del Sur	50.5	65.3	62.1	31.6	39.3	48.5	102.3	123.4	224.1	236.1
ARMM	1,147.9	998.2	1,074.0	1,125.5	1,187.2	1,506.3	1,524.5	1,675.3	1,696.6	1,715.3
Basilan	168.2	187.0	184.6	192.2	173.0	237.6	251.8	254.5	102.1	115.7
Lanao del Sur	66.0	70.2	70.3	69.5	70.0	167.4	249.2	202.2	162.0	166.5
Maguindanao	72.2	74.2	85.1	92.7	95.3	98.7	87.6	87.3	94.9	82.8
Sulu	111.1	74.2	75.5	77.5	76.4	71.9	69.6	69.8	67.6	71.7
Tawi-tawi	730.4	592.6	658.6	693.6	772.5	930.6	866.3	1,061.5	1,270.1	1,278.6

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Squid (Pusit)										
Philippines	**42,545.3**	**48,192.9**	**41,554.2**	**43,508.3**	**41,388.7**	**42,662.6**	**43,156.8**	**40,718.7**	**40,174.0**	**38,846.6**
NCR	133.9	154.7	75.4	107.1	96.0	83.9	204.5	184.7	244.7	318.6
Metro Manila	133.9	154.7	75.4	107.1	96.0	83.9	204.5	184.7	244.7	318.6
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	1,483.2	1,249.3	1,757.2	2,636.7	3,550.0	3,283.7	3,038.3	3,250.1	2,780.8	2,832.7
Ilocos Norte	102.4	16.2	9.1	9.8	51.9	154.6	139.4	114.9	68.5	35.4
Ilocos Sur	866.7	208.1	1,110.7	1,088.5	948.0	908.2	601.7	593.2	386.2	359.4
La Union	222.2	175.0	198.5	147.7	13.1	12.9	11.5	23.6	23.5	15.0
Pangasinan	291.9	849.9	439.0	1,390.7	2,537.0	2,208.1	2,285.8	2,518.4	2,302.7	2,422.9
Cagayan Valley	399.2	395.4	341.8	330.1	330.6	398.8	428.8	479.4	478.7	460.2
Batanes	..	..	..	..	3.1	5.7	2.5	1.5	1.1	0.9
Cagayan	380.5	369.6	314.5	307.7	303.1	369.8	402.1	454.2	453.2	435.9
Isabela	18.7	25.8	27.3	22.4	24.4	23.4	24.2	23.7	24.5	23.4
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,396.0	3,515.6	1,835.3	2,066.9	3,380.8	3,106.4	3,166.5	3,358.9	3,797.4	2,067.9
Aurora	90.9	84.8	95.6	84.7	69.0	69.3	78.0	81.5	75.0	65.8
Bataan	131.8	145.8	173.4	176.5	188.5	186.3	192.0	202.8	375.0	610.2
Bulacan	60.6	50.8	15.1	17.4	2.1	..	..	4.1	72.8	45.6
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	174.4	167.2	150.7	143.1	127.0	122.1	122.8	121.9	128.2	121.1
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	938.4	3,067.0	1,400.5	1,645.2	2,994.3	2,728.7	2,773.7	2,948.6	3,146.5	1,225.2
CALABARZON	1,344.6	945.4	1,287.4	1,741.7	2,067.9	2,160.0	2,189.9	1,332.4	767.1	939.1
Batangas	577.4	307.8	355.9	367.8	637.8	498.4	371.0	155.9	125.1	107.9
Cavite	314.4	298.3	294.4	336.7	221.9	232.5	272.6	219.2	331.4	247.9
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	452.8	339.3	637.2	1,037.2	1,208.2	1,429.1	1,546.4	957.2	310.6	583.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	3,380.9	2,501.2	3,007.6	3,958.7	3,720.7	5,360.9	6,336.3	5,210.5	3,830.3	4,078.0
Marinduque	89.0	99.0	115.1	134.2	158.8	204.1	225.1	218.2	272.3	207.4
Occidental Mindoro	108.4	106.2	114.3	111.4	109.4	115.1	126.2	128.6	148.6	137.2
Oriental Mindoro	166.4	183.3	249.6	242.2	254.6	320.7	358.6	334.5	322.9	282.6
Palawan	2,913.3	2,029.2	2,436.3	3,375.0	3,143.9	4,630.0	5,480.9	4,421.2	2,982.3	3,351.2
Romblon	103.9	83.5	92.3	95.9	53.9	91.0	145.5	108.1	104.1	99.6
Bicol Region	3,730.4	3,292.1	3,736.8	3,521.9	3,334.4	3,584.6	3,819.2	3,208.0	3,098.1	3,463.4
Albay	227.8	279.8	247.2	237.1	190.7	213.5	228.2	205.4	234.8	227.5
Camarines Norte	1,079.2	866.3	1,100.8	1,011.2	1,106.2	1,435.3	1,508.6	1,103.1	830.5	665.4
Camarines Sur	149.4	211.8	258.8	225.8	230.9	217.0	219.4	201.3	210.8	275.3
Catanduanes	111.7	52.8	118.5	129.6	121.2	119.4	106.4	86.8	66.4	77.7
Masbate	1,879.5	1,796.7	1,959.8	1,869.3	1,458.6	1,274.4	1,427.9	1,249.3	1,220.1	1,741.7
Sorsogon	282.8	84.7	51.8	48.8	227.0	325.0	328.8	362.2	535.5	475.9
Western Visayas	5,550.2	5,984.0	6,740.6	6,473.7	4,904.3	5,563.9	5,403.9	5,347.7	5,748.1	4,748.1
Aklan	161.0	156.9	198.7	206.2	200.7	193.9	244.6	272.7	261.5	229.3
Antique	468.7	450.2	524.0	455.0	537.8	611.8	584.1	599.1	579.0	495.2
Capiz	547.2	1,375.2	1,635.6	1,835.8	1,728.1	1,447.1	1,549.0	1,403.8	1,401.1	1,408.7
Guimaras	164.7	159.8	152.7	276.3	162.1	64.4	49.3	29.9	64.3	70.7
Iloilo	2,783.5	2,345.0	2,507.9	2,074.8	1,538.3	2,534.9	2,290.2	1,878.2	2,018.4	1,221.0
Negros Occidental	1,425.2	1,496.9	1,721.7	1,625.6	737.2	712.0	686.8	1,164.0	1,423.8	1,323.2
Central Visayas	3,065.8	3,158.3	3,961.1	3,713.3	3,233.9	2,477.7	2,356.4	2,177.9	2,324.1	2,217.2
Bohol	665.1	808.2	965.0	963.2	894.2	584.6	484.1	357.2	784.5	487.8
Cebu	2,060.7	1,932.0	2,506.1	2,239.3	1,856.9	1,395.8	1,333.6	1,292.1	1,020.6	1,095.3
Negros Oriental	179.6	230.7	276.5	303.8	269.0	274.0	321.9	306.5	284.0	439.8
Siquijor	160.5	187.4	213.5	207.1	213.8	223.3	216.8	222.0	235.2	194.3
Eastern Visayas	2,608.0	2,565.6	2,457.6	2,322.4	2,945.5	3,102.9	2,499.2	2,505.3	3,239.3	4,238.2
Biliran	55.5	126.9	52.0	57.0	23.6	48.0	46.5	43.9	39.3	107.1
Eastern Samar	276.6	71.3	79.6	72.2	46.5	48.3	62.7	55.8	78.4	48.2
Leyte	406.9	96.4	34.2	121.1	141.8	51.0	118.8	173.2	381.0	274.2
Northern Samar	509.3	401.1	466.6	483.1	477.4	516.0	547.1	579.7	623.8	613.3
Southern Leyte	342.1	386.0	847.6	843.2	631.1	450.8	214.0	244.8	447.9	744.8
Samar	1,017.6	1,483.9	977.6	745.9	1,625.0	1,988.9	1,510.2	1,407.9	1,669.0	2,450.7
Zamboanga Peninsula	1,511.3	1,848.2	1,841.8	1,532.4	1,731.4	1,761.5	1,739.6	1,798.1	1,856.5	2,109.2
Zamboanga del Norte	434.6	272.9	76.7	73.6	61.5	100.1	62.0	31.1	57.3	64.7
Zamboanga del Sur	315.1	307.0	374.0	384.8	335.3	381.4	405.0	387.9	402.1	898.1
Zamboanga City	413.2	309.1	312.7	500.4	665.8	656.7	620.4	701.9	648.5	499.8
Zamboanga Sibugay	348.5	959.3	1,078.4	573.7	668.9	623.4	652.2	677.2	748.6	646.8
Northern Mindanao	3,238.0	8,527.8	7,334.6	7,351.8	6,135.2	6,659.5	6,216.2	5,860.6	5,903.8	5,509.2
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	269.2	308.7	292.4	314.9	251.8	356.3	412.9	397.6	401.2	293.8
Lanao del Norte	475.8	551.2	543.7	527.8	412.4	437.7	398.0	482.5	585.2	593.1
Misamis Occidental	819.6	5,900.4	5,221.4	5,349.2	4,766.7	5,182.7	4,764.6	4,448.8	4,412.2	4,278.2
Misamis Oriental	1,673.4	1,767.6	1,277.1	1,159.8	704.3	682.8	640.8	531.8	505.2	344.2
Davao Region	1,668.3	1,591.0	1,957.0	2,103.7	1,714.4	778.0	1,020.9	1,486.9	2,075.1	2,033.8
Davao del Norte	159.5	72.7	249.3	232.5	168.3	109.5	65.1	33.6	50.9	26.8
Davao del Sur	638.3	796.1	1,118.0	1,407.9	1,034.7	343.6	607.0	298.8	372.8	1,528.9
Davao City	4.0	0.2	2.9	5.9	2.1	1.5	2.2	2.4	9.4	5.7
Davao Oriental	764.4	631.0	481.6	352.3	419.2	240.9	280.1	1,082.5	1,591.1	429.2
Compostela Valley	102.1	91.0	105.1	105.2	90.1	82.5	66.5	69.6	51.0	43.2
SOCCSKSARGEN	580.6	1,519.7	1,635.2	1,665.0	1,570.6	1,696.9	1,987.7	1,572.8	1,050.5	949.3
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	466.1	1,343.5	1,485.3	1,479.0	1,340.7	1,436.5	1,691.3	1,243.9	773.3	590.5
South Cotabato	42.5	98.6	72.7	90.6	130.5	131.3	156.1	146.8	84.6	157.3
Sultan Kudarat	72.1	77.6	77.2	95.4	99.3	129.0	140.3	182.1	192.5	201.5
Caraga	10,952.8	9,721.3	2,321.2	2,741.0	1,419.8	1,397.1	1,446.1	1,335.5	1,284.0	1,062.6
Agusan del Norte	1,067.5	616.1	184.5	29.2	16.8	13.8	21.2	20.8	19.5	22.5
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	139.0	145.2
Surigao del Norte	9,540.7	8,882.6	1,853.1	2,483.9	1,155.1	1,087.6	1,153.2	1,142.8	893.1	734.6
Surigao del Sur	344.7	222.5	283.6	227.8	247.9	295.7	271.8	171.9	232.4	160.3
ARMM	1,502.1	1,223.4	1,263.6	1,242.2	1,253.4	1,247.0	1,303.3	1,609.9	1,695.6	1,819.1
Basilan	173.3	196.7	197.0	193.2	206.6	167.5	163.8	171.1	177.4	272.2
Lanao del Sur	..	..	..	..	..	..	..	269.5	277.5	282.2
Maguindanao	112.2	127.1	131.8	89.3	99.8	122.1	134.2	146.6	155.6	158.5
Sulu	574.8	456.2	426.4	434.4	442.7	440.1	463.2	470.8	475.9	453.6
Tawi-tawi	641.9	443.3	508.4	525.3	504.4	517.2	542.1	552.0	609.2	652.6

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Threadfin bream (Bisugo)										
Philippines	**32,622.6**	**31,804.1**	**31,358.9**	**32,695.5**	**31,895.6**	**30,588.5**	**30,298.8**	**30,847.2**	**33,209.7**	**33,091.9**
NCR	394.1	330.1	192.8	140.4	83.4	77.8	94.2	65.9	127.9	205.2
Metro Manila	394.1	330.1	192.8	140.4	83.4	77.8	94.2	65.9	127.9	205.2
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	604.7	557.7	350.3	620.3	777.4	484.7	510.5	437.4	316.2	298.2
Ilocos Norte	30.8	88.5	122.2	147.3	218.0	165.9	157.5	37.5	5.3	4.7
Ilocos Sur	233.0	132.5	11.7	19.0	12.1	6.8	5.9	19.5	17.2	15.7
La Union	328.6	326.6	210.9	441.7	534.2	282.6	306.6	340.9	254.6	238.8
Pangasinan	12.4	10.0	5.5	12.4	13.1	29.4	40.5	39.5	39.0	39.1
Cagayan Valley	56.4	150.4	168.5	165.2	150.1	253.5	321.6	342.2	317.7	351.4
Batanes	0.3	0.4	0.4	0.4	10.1	11.3	14.9	29.2	13.8	17.6
Cagayan	50.0	140.7	158.9	156.9	130.6	233.1	296.4	302.9	291.8	322.3
Isabela	6.1	9.3	9.3	7.9	9.5	9.2	10.4	10.1	12.0	11.6
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	1,831.4	1,373.2	1,186.7	1,123.4	946.9	975.0	971.0	964.5	910.0	716.3
Aurora	153.1	130.5	136.7	122.1	91.8	89.2	89.5	88.1	82.2	67.9
Bataan	1,205.0	810.1	793.8	741.7	645.1	656.5	655.7	655.3	641.6	419.0
Bulacan	115.5	81.4	42.1	50.8	46.2	65.1	46.5	48.7	34.0	21.2
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	161.8	143.8	137.2	133.1	105.0	105.1	106.9	102.3	101.1	97.9
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	196.0	207.5	77.0	75.7	58.8	59.1	72.5	70.1	51.2	110.4
CALABARZON	1,684.0	1,323.9	1,683.2	1,459.9	1,841.3	2,436.8	2,859.9	1,668.9	3,837.3	5,291.9
Batangas	523.8	243.5	281.1	227.8	205.0	137.3	152.6	53.8	53.5	35.4
Cavite	95.0	111.9	144.6	109.6	85.7	99.5	64.8	129.2	173.0	136.8
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	1,065.1	968.6	1,257.5	1,122.5	1,550.6	2,200.0	2,642.5	1,485.9	3,610.9	5,119.7
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	10,355.3	8,653.4	8,811.7	9,421.5	7,000.2	6,514.7	5,454.8	6,587.2	5,194.4	4,660.8
Marinduque	81.5	70.0	72.7	79.3	56.5	66.8	69.1	73.7	63.6	75.4
Occidental Mindoro	160.2	155.4	157.3	148.0	151.4	157.6	167.4	168.2	150.9	138.4
Oriental Mindoro	490.4	450.8	495.3	462.6	415.0	383.0	387.9	307.5	248.5	231.3
Palawan	9,367.5	7,771.5	7,816.9	8,453.6	6,133.9	5,567.6	4,547.6	5,781.0	4,546.6	3,986.1
Romblon	255.7	205.7	269.4	278.0	243.3	339.7	282.8	256.8	184.8	229.6
Bicol Region	1,899.6	1,770.0	2,038.1	2,044.4	1,960.8	2,176.6	2,199.9	2,443.3	3,854.5	4,285.5
Albay	117.9	96.8	154.6	179.8	237.8	195.9	207.3	194.2	201.6	191.3
Camarines Norte	905.3	935.6	1,037.3	1,012.6	809.4	877.8	736.9	895.2	760.1	730.4
Camarines Sur	219.2	179.3	150.9	151.1	151.9	140.5	149.4	134.0	155.6	181.6
Catanduanes	76.6	64.7	88.5	89.7	61.9	67.5	58.5	44.9	32.9	34.7
Masbate	420.8	443.2	586.0	600.2	632.6	807.7	960.4	1,080.9	2,597.8	3,009.0
Sorsogon	159.8	50.5	20.7	11.1	67.3	87.1	87.4	94.1	106.5	138.6
Western Visayas	6,470.6	6,722.9	5,921.3	6,131.2	8,253.4	7,160.7	6,707.6	6,703.1	6,800.1	6,275.3
Aklan	296.6	250.3	331.0	365.3	388.1	391.4	396.4	422.9	406.3	400.1
Antique	1,165.9	821.8	696.6	805.1	828.8	773.8	743.0	683.9	658.1	519.8
Capiz	791.0	1,937.4	2,196.5	2,239.7	2,296.8	2,121.8	1,998.4	1,743.2	1,508.9	1,644.0
Guimaras	128.6	147.8	151.1	121.5	145.6	199.7	229.6	260.7	238.4	138.1
Iloilo	1,670.0	1,229.4	1,163.1	1,214.8	2,469.0	1,304.9	1,306.4	1,001.9	2,407.7	1,648.8
Negros Occidental	2,418.6	2,336.2	1,383.0	1,384.7	2,125.2	2,369.2	2,033.9	2,590.5	1,580.6	1,924.5
Central Visayas	255.3	1,363.9	1,094.4	970.0	796.6	790.5	922.6	741.0	877.7	1,414.6
Bohol	31.2	107.6	116.1	124.4	145.2	132.7	170.7	181.9	246.6	257.1
Cebu	153.5	1,196.8	933.7	804.4	617.9	629.9	719.6	520.4	576.8	1,072.5
Negros Oriental	55.7	47.5	35.1	31.5	23.6	18.1	22.9	31.3	46.7	79.4
Siquijor	14.9	12.1	9.6	9.7	9.8	9.7	9.4	7.5	7.6	5.5
Eastern Visayas	4,250.7	3,386.3	4,751.6	5,037.3	5,137.8	4,880.6	4,590.2	4,795.5	4,573.5	3,461.5
Biliran	121.2	220.4	284.4	242.5	313.0	426.0	432.1	419.1	386.0	384.2
Eastern Samar	407.4	500.2	629.6	626.2	467.3	442.0	416.9	404.3	390.3	75.6
Leyte	695.2	288.9	534.5	446.1	504.7	477.6	582.3	831.2	965.5	725.1
Northern Samar	693.8	608.1	684.4	804.8	743.1	756.6	801.2	829.2	864.1	856.8
Southern Leyte	201.0	150.6	134.9	148.9	105.7	94.6	87.3	94.4	99.4	36.8
Samar	2,132.2	1,618.1	2,483.8	2,768.9	3,003.9	2,683.8	2,270.6	2,217.3	1,868.1	1,383.1
Zamboanga Peninsula	2,195.2	3,697.9	2,899.8	3,355.6	2,461.1	2,314.9	2,890.4	3,083.2	3,317.6	2,936.5
Zamboanga del Norte	378.7	445.2	45.5	24.4	29.2	47.6	87.4	85.3	104.5	119.4
Zamboanga del Sur	363.2	335.1	351.0	340.1	330.7	334.3	367.5	330.8	322.7	223.0
Zamboanga City	954.9	1,508.0	1,059.3	1,203.8	630.1	584.6	832.5	941.0	1,531.9	1,479.2
Zamboanga Sibugay	498.4	1,409.7	1,444.0	1,787.2	1,471.2	1,348.3	1,603.0	1,726.1	1,358.4	1,114.9
Northern Mindanao	448.9	614.0	563.1	467.6	582.2	612.6	652.8	769.1	766.6	769.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	2.9	2.4	4.5	4.5	6.2	6.4	6.1	6.7	9.2	11.5
Lanao del Norte	144.0	148.2	109.3	90.5	30.4	30.9	28.9	27.6	64.4	70.7
Misamis Occidental	293.1	453.4	441.4	349.4	527.2	567.9	568.5	683.5	639.9	638.0
Misamis Oriental	8.9	10.0	7.8	23.3	18.5	7.3	49.2	51.4	53.1	49.0
Davao Region	228.5	153.7	88.5	70.4	95.9	128.3	107.7	60.1	107.5	76.9
Davao del Norte	6.0	3.6	10.1	5.5	4.7	3.0	2.8	1.7	1.1	4.6
Davao del Sur	39.2	42.4	9.7	9.1	32.9	32.2	25.4	10.8	68.4	6.5
Davao City	29.4	21.8	7.9	6.0	1.8	1.6	1.8	0.0	6.6	0.4
Davao Oriental	141.8	68.9	42.0	39.2	52.8	85.4	68.8	39.4	31.4	65.4
Compostela Valley	12.1	17.0	18.8	10.7	3.7	6.1	8.9	8.1	..	..
SOCCSKSARGEN	22.4	42.9	44.7	44.3	78.4	72.8	55.8	48.5	14.6	30.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1.5	22.6	24.3	24.3	59.2	24.2	16.0	25.4	0.5	16.6
South Cotabato	4.9	3.7	2.9	3.1	4.3	3.6	3.4	1.7	2.2	0.3
Sultan Kudarat	16.0	16.5	17.6	17.0	14.9	45.0	36.4	21.4	11.9	13.2
Caraga	581.4	409.9	344.9	388.3	571.6	611.4	731.6	834.2	940.0	942.7
Agusan del Norte	3.6	1.5	4.2	1.5	4.5	2.0	12.4	24.8	20.1	18.8
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	89.0	107.0
Surigao del Norte	327.1	291.4	212.1	273.9	421.7	466.5	530.9	641.8	567.1	524.9
Surigao del Sur	250.7	117.0	128.6	113.0	145.4	143.0	188.3	167.5	263.9	292.0
ARMM	1,344.3	1,254.0	1,219.3	1,255.8	1,158.7	1,097.6	1,228.2	1,303.4	1,254.4	1,376.0
Basilan	220.2	234.0	229.6	228.7	207.9	207.2	217.2	223.0	122.2	179.4
Lanao del Sur	28.1	33.6	34.3	32.0	33.3	..	12.7	6.3	..	..
Maguindanao	74.1	84.3	87.1	89.6	91.9	95.7	92.2	91.5	84.7	83.1
Sulu	94.0	89.4	76.6	69.3	65.5	61.6	61.7	60.9	54.4	47.7
Tawi-tawi	927.9	812.7	791.7	836.3	760.1	733.1	844.5	921.7	993.0	1,065.7

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Yellowfin tuna (Tambakol/Bariles)										
Philippines	**51,882.3**	**60,997.2**	**61,924.4**	**54,389.2**	**45,757.3**	**46,749.9**	**45,671.4**	**40,986.5**	**35,120.4**	**36,678.1**
NCR	16.0	40.2	258.8	477.3	356.0	122.8	84.9	158.5	209.6	223.0
Metro Manila	16.0	40.2	258.8	477.3	356.0	122.8	84.9	158.5	209.6	223.0
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	9,358.2	7,956.6	9,210.9	7,206.3	4,589.1	4,849.6	5,016.7	3,827.2	1,843.1	1,771.3
Ilocos Norte	235.9	190.9	396.4	449.9	497.2	490.7	619.0	383.2	252.4	328.0
Ilocos Sur	3,072.7	3,146.2	3,165.9	2,151.9	1,551.2	827.7	722.6	653.0	650.3	440.6
La Union	1,085.2	1,062.1	1,425.6	977.0	774.0	1,970.5	2,041.3	930.5	81.1	71.4
Pangasinan	4,964.5	3,557.3	4,223.0	3,627.6	1,766.9	1,560.6	1,633.8	1,860.5	859.2	931.3
Cagayan Valley	325.3	658.9	457.7	467.3	402.7	416.5	521.0	481.3	496.2	543.6
Batanes	13.0	17.6	16.4	2.3	2.8	4.9	8.9	11.0	7.7	8.6
Cagayan	300.0	608.8	409.3	433.8	366.9	380.0	479.8	438.5	455.8	503.2
Isabela	12.3	32.5	32.0	31.2	33.0	31.7	32.4	31.8	32.7	31.9
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	2,070.6	2,336.4	2,593.0	2,986.9	1,852.8	2,048.1	1,943.4	1,721.8	1,435.7	1,279.1
Aurora	461.4	392.2	416.2	357.2	318.9	322.5	327.9	329.9	324.8	301.1
Bataan	32.0	50.4	39.7	33.7	42.6	43.5	43.4	43.9	212.6	175.4
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	..	..	..	..	..	..	..	3.6	5.0	3.5
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1,577.2	1,893.8	2,137.2	2,596.0	1,491.3	1,682.1	1,572.2	1,344.5	893.4	799.1
CALABARZON	483.8	807.0	780.0	780.8	1,086.5	1,057.6	962.1	1,110.7	516.3	1,141.5
Batangas	237.6	373.1	509.2	569.2	440.5	429.6	311.4	217.2	168.3	179.8
Cavite	2.2	0.6	..	0.7	..	..	18.1	..	0.5	5.5
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	244.0	433.3	270.9	210.8	646.0	628.1	632.6	893.5	347.5	956.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	10,789.4	12,762.2	9,301.7	8,306.2	5,631.4	4,431.0	4,743.0	4,162.4	3,506.3	3,003.1
Marinduque	514.7	390.0	353.6	332.6	333.1	311.5	303.4	284.4	328.0	282.1
Occidental Mindoro	124.8	213.5	262.2	237.7	244.1	260.4	275.6	280.7	313.1	356.2
Oriental Mindoro	632.7	619.5	623.8	596.3	524.8	494.9	551.2	382.5	271.8	218.3
Palawan	9,428.2	11,347.8	8,004.3	7,086.1	4,489.9	3,314.8	3,568.8	3,160.9	2,539.7	2,115.2
Romblon	89.0	191.3	57.8	53.6	39.4	49.4	44.1	54.0	53.8	31.4
Bicol Region	4,553.3	3,298.9	3,112.8	2,549.8	3,692.6	4,005.3	3,476.1	2,138.6	1,710.1	1,639.9
Albay	605.6	520.5	434.0	266.8	250.4	288.4	298.4	262.6	262.7	289.4
Camarines Norte	733.4	1,061.0	1,243.1	863.7	1,079.9	1,109.0	1,110.3	713.8	474.9	382.3
Camarines Sur	2,048.5	1,163.0	790.9	733.1	667.5	645.4	648.9	596.3	478.5	412.5
Catanduanes	589.0	366.7	533.1	551.1	626.5	671.6	564.7	485.1	417.1	456.7
Masbate	212.2	143.5	107.9	134.0	117.9	346.6	119.6	..	16.9	21.1
Sorsogon	364.5	44.3	3.9	1.1	950.3	944.3	734.3	80.8	59.9	78.0
Western Visayas	3,349.9	4,621.9	5,617.7	4,658.9	2,644.3	2,888.8	2,622.3	2,489.7	1,985.0	1,510.5
Aklan	220.3	332.4	346.3	337.5	369.3	342.6	370.6	372.1	367.0	344.3
Antique	827.3	967.4	1,419.4	1,352.1	1,281.8	1,106.0	1,039.6	1,000.1	914.3	760.5
Capiz	..	123.3	62.6	63.6	4.4	..	..	..	..	..
Guimaras	5.8	13.6	10.1	..	..	..	..	..	..	..
Iloilo	1,135.8	2,281.5	2,393.6	1,561.4	314.5	965.1	738.3	625.4	423.0	135.3
Negros Occidental	1,160.8	903.7	1,385.6	1,344.4	674.3	475.2	473.9	492.1	280.8	270.4
Central Visayas	216.1	394.8	217.9	206.8	195.0	177.9	166.1	167.0	250.8	270.3
Bohol	22.1	30.3	6.6	2.6	4.1	4.1	3.7	4.5	13.4	36.4
Cebu	71.0	160.9	88.4	92.7	93.1	82.4	82.1	93.8	132.6	164.8
Negros Oriental	111.5	148.6	72.5	64.4	49.0	43.4	34.5	25.0	59.0	25.5
Siquijor	11.4	54.9	50.4	47.1	48.8	47.9	45.8	43.7	45.8	43.6
Eastern Visayas	3,632.4	5,167.8	10,344.9	8,128.9	7,017.9	6,628.6	4,934.3	4,591.8	4,343.7	5,305.0
Biliran	11.8	..	4.4	0.4	0.2	0.2	0.1	0.2	..	..
Eastern Samar	2,235.0	3,324.3	8,299.8	5,975.3	5,206.1	5,033.2	3,365.9	2,951.9	3,338.0	2,997.1
Leyte	353.1	420.0	520.3	670.3	448.9	524.3	614.5	697.7	4.8	23.7
Northern Samar	788.9	646.6	985.6	925.4	806.8	739.8	735.5	728.1	753.5	786.4
Southern Leyte	233.7	728.5	515.6	557.6	555.9	331.3	218.3	213.9	213.3	18.8
Samar	9.9	48.4	19.4	..	..	..	..	..	34.1	1,479.1
Zamboanga Peninsula	5,526.2	6,593.2	4,860.8	3,725.0	3,417.5	3,200.9	3,846.9	3,835.7	3,278.1	2,253.1
Zamboanga del Norte	350.7	1,652.0	253.6	93.3	67.7	54.3	27.4	7.1	7.2	6.7
Zamboanga del Sur	2,794.6	4,204.7	3,144.5	2,880.2	2,628.9	2,521.5	2,877.2	2,880.0	2,345.7	1,212.6
Zamboanga City	2,356.5	735.1	812.7	721.5	667.8	587.2	753.2	745.3	890.2	1,027.0
Zamboanga Sibugay	24.5	1.4	650.0	30.0	53.1	37.9	189.2	203.4	35.0	6.8
Northern Mindanao	628.6	1,478.4	1,310.2	1,418.1	1,291.1	1,080.3	1,235.2	1,098.9	1,148.1	1,246.1
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	83.7	144.8	282.7	245.8	202.9	80.5	350.0	196.5	171.1	225.6
Lanao del Norte	342.1	544.6	359.5	398.9	624.6	542.7	542.6	588.6	607.2	682.0
Misamis Occidental	188.1	370.0	369.5	576.9	374.8	280.5	253.3	257.9	274.0	234.6
Misamis Oriental	14.8	419.0	298.5	196.4	88.9	176.7	89.3	56.0	95.9	103.9
Davao Region	1,440.6	691.3	1,131.7	1,239.9	786.7	1,041.3	708.7	942.8	1,233.5	3,096.0
Davao del Norte	94.0	189.2	232.8	130.8	72.0	58.5	41.9	36.8	53.2	108.9
Davao del Sur	352.0	108.5	501.2	470.0	167.3	613.1	193.5	256.8	647.3	1,849.6
Davao City	14.0	57.0	24.6	31.3	11.5	9.1	25.3	3.0	4.1	12.9
Davao Oriental	884.7	201.7	236.0	390.4	389.6	212.5	322.7	542.7	465.5	1,072.1
Compostela Valley	95.9	135.0	137.0	217.3	146.3	148.1	125.3	103.5	63.3	52.5
SOCCSKSARGEN	1,489.9	2,752.5	1,807.1	2,066.2	2,393.0	2,771.3	3,095.5	2,084.5	868.4	776.8
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	1,190.7	2,143.4	1,288.8	1,564.4	1,896.1	2,201.9	2,545.8	1,665.2	454.9	335.8
South Cotabato	52.4	70.5	43.2	65.7	105.8	157.4	155.9	128.9	143.7	134.9
Sultan Kudarat	246.9	538.6	475.1	436.1	391.0	412.0	393.9	290.4	269.8	306.1
Caraga	4,535.4	6,344.5	4,500.7	3,197.7	3,464.7	3,529.6	3,618.1	2,883.0	3,022.9	3,181.3
Agusan del Norte	1,919.9	1,195.5	617.6	407.0	490.0	466.9	390.9	367.4	387.9	377.7
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	298.2	259.2
Surigao del Norte	1,710.6	4,128.4	2,557.8	1,769.9	1,890.1	1,846.5	1,978.7	1,564.1	1,393.5	1,255.2
Surigao del Sur	905.0	1,020.6	1,325.3	1,020.8	1,084.6	1,216.2	1,248.5	951.6	943.4	1,289.2
ARMM	3,466.7	5,092.7	6,418.4	6,973.2	6,936.1	8,500.3	8,697.2	9,292.7	9,272.8	9,437.4
Basilan	348.4	381.7	372.7	350.4	317.5	341.3	347.8	332.9	78.1	107.1
Lanao del Sur	311.4	318.3	327.8	488.9	378.3	886.5	813.6	581.4	288.2	299.1
Maguindanao	287.4	292.2	279.6	277.9	297.5	319.4	329.5	344.6	383.3	398.2
Sulu	713.4	697.6	687.2	634.9	598.3	569.4	529.7	504.9	449.7	400.6
Tawi-tawi	1,806.1	3,402.8	4,751.1	5,221.2	5,344.5	6,383.7	6,676.6	7,529.0	8,073.5	8,232.4

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

Table 2.7.3
MARINE MUNICIPAL FISHERIES: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**174,617.7**	**180,977.0**	**187,870.2**	**177,580.4**	**164,366.6**	**153,125.0**	**141,393.5**	**139,112.0**	**147,760.2**	**136,877.6**
NCR	2,026.9	1,970.8	1,766.6	2,307.0	1,979.0	1,244.7	1,773.3	2,240.8	1,906.6	1,889.4
Metro Manila	2,026.9	1,970.8	1,766.6	2,307.0	1,979.0	1,244.7	1,773.3	2,240.8	1,906.6	1,889.4
CAR	.	.	.	.	.	.	.	.	.	.
Abra	.	.	.	.	.	.	.	.	.	.
Apayao	.	.	.	.	.	.	.	.	.	.
Benguet	.	.	.	.	.	.	.	.	.	.
Ifugao	.	.	.	.	.	.	.	.	.	.
Kalinga	.	.	.	.	.	.	.	.	.	.
Mountain Province	.	.	.	.	.	.	.	.	.	.
Ilocos Region	13,548.2	15,239.8	11,167.5	9,974.4	10,809.9	9,732.7	10,147.4	10,633.8	7,791.9	8,314.8
Ilocos Norte	2,164.0	1,645.0	1,415.4	1,399.0	1,699.1	1,623.6	1,429.4	1,764.4	1,920.8	1,993.4
Ilocos Sur	3,150.0	2,617.0	2,001.2	2,192.1	1,994.9	1,478.4	1,418.1	1,461.3	1,331.7	1,463.2
La Union	1,807.3	2,862.9	1,004.7	880.2	1,090.9	765.2	821.3	796.4	453.8	443.7
Pangasinan	6,427.0	8,114.9	6,746.2	5,503.1	6,025.1	5,865.5	6,478.5	6,611.7	4,085.5	4,414.4
Cagayan Valley	6,833.6	5,014.4	5,710.6	5,679.3	3,407.8	3,191.5	3,291.2	3,401.6	3,341.2	3,303.6
Batanes	365.5	508.9	490.9	335.2	295.4	256.8	304.6	344.2	269.1	285.3
Cagayan	6,344.8	4,364.1	5,079.8	5,227.6	2,932.6	2,772.7	2,797.9	2,874.9	2,873.4	2,829.7
Isabela	123.4	141.5	140.0	116.5	179.8	162.0	188.8	182.5	198.6	188.7
Nueva Vizcaya	.	.	.	.	.	.	.	.	.	.
Quirino	.	.	.	.	.	.	.	.	.	.
Central Luzon	7,409.8	5,664.4	5,808.8	6,464.4	5,887.5	5,773.5	5,658.5	6,136.8	5,479.4	4,563.6
Aurora	532.8	450.8	579.0	514.8	510.0	520.1	563.2	592.3	609.1	594.1
Bataan	3,695.8	3,259.9	3,018.4	3,444.3	3,427.4	3,466.7	3,538.3	3,718.1	2,802.8	2,127.9
Bulacan	1,694.6	907.8	1,177.5	1,225.0	979.4	809.2	520.7	866.5	945.9	694.7
Nueva Ecija	.	.	.	.	.	.	.	.	.	.
Pampanga	371.0	355.7	324.5	319.3	304.8	283.9	283.2	239.1	220.1	374.9
Tarlac	.	.	.	.	.	.	.	.	.	.
Zambales	1,115.6	690.1	709.4	961.0	665.9	693.7	753.0	720.8	901.6	772.1
CALABARZON	3,585.5	4,293.8	3,534.4	4,058.0	3,594.7	2,590.0	3,158.1	3,651.0	8,533.3	9,371.9
Batangas	2,075.9	2,059.3	2,096.0	2,093.6	1,315.4	905.5	918.5	1,260.8	1,018.2	900.8
Cavite	906.1	509.2	363.0	493.8	771.0	378.6	330.1	487.3	468.1	923.8
Laguna	.	.	.	.	.	.	.	.	.	.
Quezon	603.4	1,725.3	1,075.5	1,470.6	1,508.3	1,305.9	1,909.5	1,902.9	7,047.0	7,547.3
Rizal	.	.	.	.	.	.	.	.	.	.
MIMAROPA	24,730.2	25,171.2	28,446.1	20,982.5	18,271.2	12,719.9	11,096.0	8,492.1	13,879.1	11,203.4
Marinduque	193.7	167.8	175.8	181.6	216.0	222.8	185.4	235.3	189.4	235.9
Occidental Mindoro	348.1	353.7	379.9	381.9	751.5	840.3	959.5	978.9	897.6	817.4
Oriental Mindoro	1,089.2	1,020.3	977.8	943.4	920.3	986.2	1,027.7	780.9	378.8	316.8
Palawan	22,562.5	23,191.6	26,554.2	19,122.6	16,198.3	10,469.7	8,734.2	6,340.3	12,163.2	9,608.0
Romblon	536.6	437.7	358.5	353.0	185.2	200.9	189.4	156.7	250.1	225.2
Bicol Region	11,003.6	15,535.8	16,231.2	15,049.9	14,607.0	13,679.6	12,903.8	12,259.1	11,583.0	11,067.9
Albay	810.8	347.0	127.2	138.3	141.4	168.3	139.6	114.1	119.8	197.5
Camarines Norte	299.3	140.5	106.5	66.0	..	..	..	975.8	489.0	377.5
Camarines Sur	4,697.3	6,260.7	4,476.2	3,377.1	2,824.2	2,312.8	2,110.4	1,920.3	1,992.5	1,906.9
Catanduanes	1,363.3	2,221.4	2,372.5	2,320.2	2,014.4	2,104.0	1,603.4	1,382.8	1,158.9	1,032.7
Masbate	2,283.1	4,859.0	5,324.0	5,028.9	2,915.4	2,414.5	2,298.1	1,545.0	1,751.3	1,656.2
Sorsogon	1,549.9	1,707.2	3,824.7	4,119.4	6,711.6	6,680.0	6,752.2	6,321.0	6,071.6	5,897.2
Western Visayas	46,503.7	45,472.0	45,100.4	44,352.2	41,948.7	41,263.0	35,911.2	32,789.8	34,371.3	27,133.3
Aklan	535.2	456.6	623.6	643.3	448.6	493.7	555.1	481.1	364.7	339.0
Antique	2,790.7	2,246.4	2,228.3	2,681.4	2,502.9	2,373.2	2,438.8	2,347.2	2,537.7	2,789.6
Capiz	2,501.1	11,144.2	13,174.8	12,378.2	9,977.2	9,494.3	8,181.2	9,409.7	9,352.7	7,103.6
Guimaras	709.6	799.9	677.8	683.1	770.5	824.7	1,087.2	1,188.3	1,223.2	1,049.1
Iloilo	30,729.9	23,750.9	18,644.2	18,649.0	16,757.2	17,708.9	12,468.5	9,526.4	9,925.8	7,327.5
Negros Occidental	9,237.3	7,074.0	9,751.6	9,317.2	11,492.3	10,368.3	11,180.3	9,837.1	10,967.3	8,524.4
Central Visayas	12,353.4	12,701.1	14,142.5	14,584.4	15,018.6	16,952.6	16,097.5	17,437.8	17,716.1	18,838.9
Bohol	3,011.9	2,476.8	2,783.1	2,565.6	3,276.8	5,921.5	3,981.7	4,113.1	4,126.1	4,746.3
Cebu	6,887.7	8,072.5	9,464.1	10,338.5	9,799.1	9,289.4	10,518.1	11,839.9	12,091.9	12,299.8
Negros Oriental	1,774.7	1,358.0	1,078.9	787.5	859.2	688.5	616.6	574.8	468.2	804.5
Siquijor	679.1	793.8	816.4	892.9	1,083.5	1,053.2	981.1	909.9	1,029.9	988.3
Eastern Visayas	6,955.2	11,793.3	9,015.2	9,521.3	7,829.8	6,063.9	5,139.5	5,615.8	7,741.4	9,792.2
Biliran	227.4	28.8	206.3	138.3	200.5	264.8	261.6	223.1	331.7	794.0
Eastern Samar	1,672.5	6,847.9	3,205.7	3,441.4	2,822.5	2,585.6	2,231.6	2,369.6	2,771.5	3,415.5
Leyte	1,067.5	396.9	596.4	490.8	619.1	436.5	412.0	393.3	1,541.4	3,498.8
Northern Samar	261.8	633.2	109.5	54.2	..	..	..	..	5.4	6.1
Southern Leyte	1,568.6	1,319.3	1,274.3	1,080.0	1,478.6	479.7	268.9	362.4	310.1	249.8
Samar	2,157.4	2,567.3	3,623.1	4,316.6	2,709.1	2,297.2	1,965.4	2,267.5	2,781.5	1,828.0
Zamboanga Peninsula	8,135.8	8,286.8	7,311.1	6,351.7	5,779.1	7,782.8	5,005.2	4,596.1	5,995.0	5,341.1
Zamboanga del Norte	1,411.0	2,207.9	3,114.8	2,330.8	768.6	2,250.7	746.2	875.8	392.5	215.0
Zamboanga del Sur	132.8	235.1	67.7	94.1	395.3	345.1	369.1	390.6	344.8	1,366.0
Zamboanga City	4,234.3	2,901.5	1,530.4	1,183.7	335.6	261.2	473.0	552.4	1,021.6	1,201.8
Zamboanga Sibugay	2,357.8	2,942.4	2,598.1	2,743.2	4,279.6	4,925.8	3,416.9	2,777.4	4,236.1	2,558.4
Northern Mindanao	8,630.6	5,303.2	5,862.5	5,359.0	4,678.2	3,734.2	3,168.0	3,329.4	2,990.2	2,865.6
Bukidnon	.	.	.	.	.	.	.	.	.	.
Camiguin	352.0	612.9	485.1	658.4	845.8	699.9	603.8	745.3	690.4	748.6
Lanao del Norte	2,606.7	1,817.9	2,267.4	2,432.1	2,099.3	1,671.1	1,363.3	994.4	1,078.6	803.4
Misamis Occidental	4,865.6	2,375.4	2,877.5	1,927.1	1,218.3	990.8	908.7	851.5	937.8	1,008.2
Misamis Oriental	806.3	497.0	232.4	341.4	514.8	372.5	292.3	738.2	283.4	305.3
Davao Region	2,453.7	4,078.6	4,015.8	3,273.9	2,877.0	3,188.3	2,717.4	3,177.6	4,207.9	3,060.1
Davao del Norte	533.2	489.7	580.4	582.2	414.9	325.9	295.2	173.0	218.6	131.2
Davao del Sur	563.2	453.7	394.0	451.5	566.4	1,281.5	703.9	618.0	2,409.3	1,173.3
Davao City	305.1	387.1	296.7	53.2	43.6	35.7	48.3	92.3	59.3	105.9
Davao Oriental	791.8	2,437.2	2,408.1	1,862.4	1,469.0	1,262.0	1,389.7	2,103.9	1,348.9	1,444.5
Compostela Valley	260.4	311.0	336.6	324.6	383.1	283.2	280.3	190.4	171.9	205.3
SOCCSKSARGEN	656.9	776.4	975.5	534.6	420.4	419.9	381.7	568.4	872.0	709.1
North Cotabato	.	.	.	.	.	.	.	.	.	.
Sarangani	547.3	632.6	828.0	385.6	286.0	239.4	143.1	154.3	438.8	162.9
South Cotabato	24.9	61.8	54.9	35.4	30.1	45.5	44.3	170.1	272.6	404.3
Sultan Kudarat	84.7	82.0	92.6	113.6	104.3	135.0	194.3	244.0	160.7	141.9
Caraga	11,301.4	8,396.5	17,128.9	17,773.6	17,981.0	15,957.4	16,495.1	16,411.2	13,100.3	11,172.1
Agusan del Norte	1,102.7	1,212.0	1,454.9	1,636.3	1,476.7	1,349.4	1,401.2	1,446.5	1,373.5	1,230.7
Agusan del Sur	.	.	.	.	.	.	.	.	.	.
Dinagat Islands	..	..	..	..	..	..	..	..	1,122.1	1,032.3
Surigao del Norte	6,826.2	3,910.8	11,942.0	11,921.7	12,100.9	9,736.1	9,103.0	9,538.6	6,903.4	5,601.2
Surigao del Sur	3,372.5	3,273.8	3,732.0	4,215.6	4,403.4	4,871.9	5,991.0	5,426.1	3,701.3	3,307.9
ARMM	8,489.3	11,279.0	11,653.3	11,314.4	9,276.8	8,831.2	8,449.5	8,370.8	8,251.6	8,250.9
Basilan	134.4	135.3	124.4	123.8	83.5	56.7	55.2	52.8	54.6	14.6
Lanao del Sur	948.8	956.2	1,000.4	1,079.4	1,012.0	549.7	311.7	5.4	..	..
Maguindanao	428.9	419.2	439.9	532.9	702.3	893.4	852.3	797.5	828.8	775.9
Sulu	4,628.8	4,320.9	4,627.8	4,830.2	4,555.2	4,390.0	4,330.8	4,191.7	3,973.3	4,035.2
Tawi-tawi	2,348.3	5,447.5	5,460.8	4,748.1	2,923.8	2,941.5	2,899.5	3,323.4	3,394.8	3,425.2

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

Table 2.8.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	**219,610.2**	**219,977.2**	**218,066.5**	**224,934.1**	**231,044.2**	**234,478.2**	**227,476.8**	**227,814.7**	**241,203.4**	**244,365.6**
NCR	438.6	411.2	464.3	488.0	500.3	288.4	276.4	2.0	15.3	33.9
Metro Manila	438.6	411.2	464.3	488.0	500.3	288.4	276.4	2.0	15.3	33.9
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	23,823.6	16,252.2	16,487.9	17,389.8	17,142.8	19,207.5	22,127.0	21,932.9	22,850.2	23,815.5
Ilocos Norte	119.8	76.0	63.8	41.4	63.8	73.2	71.4	14.0	5.5	7.2
Ilocos Sur	365.8	362.2	344.5	361.7	374.1	334.4	342.9	256.0	202.0	221.6
La Union	1,808.5	1,406.3	1,618.1	1,796.6	1,960.1	2,141.3	2,204.7	1,611.1	3,043.0	3,980.1
Pangasinan	21,529.6	14,407.8	14,461.5	15,190.1	14,744.9	16,658.6	19,508.1	20,051.8	19,599.7	19,606.7
Cagayan Valley	821.0	724.3	487.1	512.2	505.8	514.5	518.2	529.1	472.6	515.0
Cagayan	821.0	724.3	487.1	512.2	505.8	514.5	518.2	529.1	472.6	515.0
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	59,965.7	59,279.7	56,704.1	51,772.5	53,739.3	56,720.1	57,208.6	57,210.5	55,539.4	52,912.9
Aurora	44.8	39.0	37.9	27.6	23.4	25.3	29.2	30.9	18.8	..
Bataan	8,825.2	8,605.3	8,613.7	8,228.7	8,152.0	8,290.6	8,316.0	8,567.6	8,177.6	8,104.8
Bulacan	31,793.4	29,711.9	27,004.6	23,019.7	24,737.4	25,216.0	25,501.6	24,621.0	25,396.8	21,412.3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	18,085.4	19,826.4	19,566.0	19,318.5	19,129.0	19,945.9	20,003.6	20,498.8	20,350.1	21,062.2
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	1,217.0	1,097.2	1,481.9	1,178.1	1,697.5	3,242.3	3,358.2	3,492.3	1,596.2	2,333.6
CALABARZON	11,893.4	9,819.7	11,493.0	14,180.5	17,004.2	16,976.6	13,992.9	13,818.3	33,581.1	36,693.0
Batangas	15.3	..	..	2.6	..	..	..	0.4	0.4	..
Cavite	54.1	33.2	30.0	30.1	25.2	3.4	4.1	1.5	0.3	1.7
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	11,824.0	9,786.5	11,462.9	14,147.8	16,979.0	16,973.1	13,988.8	13,816.4	33,580.4	36,691.3
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	4,373.5	3,828.9	3,708.9	3,888.2	4,419.1	4,409.8	4,234.3	4,402.5	2,488.2	1,809.7
Marinduque	167.1	200.2	201.9	202.7	215.1	191.5	178.5	178.8	186.3	222.3
Occidental Mindoro	2,371.3	1,869.7	1,840.3	1,987.9	2,320.0	2,366.5	2,416.8	2,396.4	661.8	327.7
Oriental Mindoro	1,652.5	1,580.5	1,505.7	1,547.0	1,711.7	1,684.9	1,475.4	1,687.0	1,571.7	1,201.3
Palawan	93.2	88.5	99.4	85.2	110.3	110.7	113.6	99.6	50.0	42.6
Romblon	89.4	90.1	61.8	65.5	62.1	56.2	50.1	40.7	18.5	15.9
Bicol Region	2,543.6	3,743.6	4,194.6	4,619.8	4,926.6	5,256.4	5,569.6	5,004.3	4,158.1	4,123.6
Albay	637.7	756.8	782.7	782.6	785.2	791.8	784.4	280.0	280.9	285.8
Camarines Norte	194.8	1,238.6	1,490.6	1,775.9	1,916.7	2,102.8	2,257.7	2,407.7	1,435.0	977.3
Camarines Sur	864.8	839.7	923.3	1,032.8	1,165.2	1,258.8	1,342.1	1,340.5	1,428.8	1,882.7
Catanduanes	5.4	3.9	5.1	6.6	14.3	21.3	21.6	28.6	10.3	7.4
Masbate	577.9	640.4	661.3	686.8	708.5	695.3	700.2	650.0	638.8	650.3
Sorsogon	263.1	264.3	331.6	335.1	336.6	386.4	463.6	297.5	364.4	320.2
Western Visayas	67,906.6	75,997.6	73,745.8	80,853.9	80,145.5	79,507.7	73,913.5	77,043.5	76,831.3	78,779.1
Aklan	7,409.7	7,388.6	7,760.3	7,182.7	7,191.1	7,848.5	9,525.3	10,742.7	11,172.1	10,836.2
Antique	121.8	152.7	158.3	189.7	198.9	209.5	216.4	199.9	191.3	161.0
Capiz	21,473.1	22,136.6	23,487.3	25,110.9	26,234.4	27,537.6	27,359.2	30,788.6	31,084.3	33,242.7
Guimaras	1,658.9	1,755.5	1,811.1	1,614.1	1,724.2	1,573.0	1,769.8	1,749.2	1,527.5	1,880.4
Iloilo	18,750.9	24,271.1	20,854.1	24,744.0	21,625.8	17,872.4	10,116.9	8,956.0	8,856.9	8,833.3
Negros Occidental	18,492.3	20,293.2	19,674.8	22,012.5	23,171.1	24,466.8	24,926.0	24,607.1	23,999.3	23,825.4
Central Visayas	6,383.4	6,697.9	6,333.8	5,807.0	5,864.2	5,415.6	4,390.5	4,573.7	5,234.0	4,556.4
Bohol	2,834.2	2,765.9	2,782.2	2,484.4	2,480.9	2,380.6	1,491.8	1,971.5	2,381.2	1,833.4
Cebu	1,192.7	1,559.4	1,598.2	1,225.4	1,304.5	1,463.9	1,477.1	1,575.1	2,032.3	2,227.2
Negros Oriental	2,352.8	2,369.8	1,950.8	2,094.5	2,075.9	1,568.3	1,417.8	1,024.1	818.6	493.7
Siquijor	3.7	2.8	2.5	2.7	2.8	2.8	3.8	2.9	2.0	2.1
Eastern Visayas	4,822.9	5,290.2	6,268.9	7,680.7	7,653.9	7,782.7	7,140.7	5,478.6	6,395.6	6,599.7
Biliran	2.2	0.1	3.6	1.0	0.1	14.4	2.9	57.8	361.5	2.2
Eastern Samar	326.9	369.7	433.7	446.5	480.9	545.8	206.5	99.2	3.4	1.8
Leyte	2,234.9	2,237.4	2,389.5	2,591.7	2,905.0	2,932.5	2,917.9	2,428.1	3,180.7	3,226.3
Northern Samar	477.2	601.2	684.5	806.9	883.4	901.4	941.1	479.6	358.4	304.1
Southern Leyte	194.4	169.0	212.0	177.9	78.6	29.7	20.9	21.2	24.8	31.9
Samar	1,587.3	1,912.9	2,545.7	3,656.8	3,305.9	3,359.0	3,051.4	2,392.7	2,466.9	3,033.4
Zamboanga Peninsula	9,832.4	11,445.7	11,966.5	11,405.5	12,084.7	12,014.9	10,247.7	9,587.5	8,872.5	8,297.6
Zamboanga del Norte	863.3	1,394.8	901.6	885.0	1,077.0	1,250.3	1,332.3	1,333.0	1,411.4	1,508.2
Zamboanga del Sur	3,566.4	4,140.2	4,296.3	4,675.0	4,739.8	4,768.6	4,864.7	4,653.4	3,154.5	2,551.3
Zamboanga City	1,339.4	1,158.0	1,073.5	1,157.7	1,134.6	1,033.7	1,033.4	1,042.9	1,029.2	1,072.0
Zamboanga Sibugay	4,063.2	4,752.7	5,695.1	4,687.8	5,133.3	4,962.3	3,017.3	2,558.1	3,277.5	3,166.1
Northern Mindanao	10,090.5	10,422.0	10,886.0	10,786.8	11,161.4	10,544.4	12,667.9	14,262.3	13,422.1	12,985.2
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	5,549.4	5,781.6	6,073.7	5,109.1	5,259.2	4,331.6	4,101.2	4,439.5	4,493.0	4,566.7
Misamis Occidental	4,429.7	4,606.1	4,779.6	5,648.2	5,863.9	6,168.5	8,520.4	9,808.1	8,918.5	8,404.1
Misamis Oriental	111.5	34.3	32.7	29.6	38.3	44.4	46.3	14.8	10.6	14.4
Davao Region	4,462.0	4,793.2	4,060.9	3,844.7	3,950.6	3,838.9	3,537.2	2,674.1	1,551.0	2,245.9
Davao del Norte	1,210.5	1,183.5	1,139.4	1,097.1	1,058.2	938.0	551.7	671.3	431.3	992.9
Davao del Sur	1,378.1	1,800.8	1,034.4	1,096.3	1,232.0	1,212.4	1,424.8	890.1	189.4	242.7
Davao City	249.0	235.2	257.8	224.3	296.9	480.4	129.6	114.2	35.1	30.4
Davao Oriental	1,265.6	1,266.2	1,279.9	1,075.3	1,068.9	943.2	1,216.3	852.9	772.5	811.7
Compostela Valley	358.8	307.5	349.5	351.7	294.6	264.9	214.8	145.7	122.7	168.2
SOCCSKSARGEN	7,713.4	7,442.1	7,060.0	7,494.6	7,680.1	7,916.5	7,146.0	6,693.4	4,864.9	5,105.4
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	7,686.7	7,387.5	7,012.0	7,428.1	7,602.8	7,837.8	7,085.7	6,671.1	4,836.5	4,975.2
South Cotabato	4.1	2.6	..	..	..	4.0	..	..	..	120.0
Sultan Kudarat	22.6	52.0	48.0	66.5	77.3	74.7	60.4	22.3	28.5	10.2
Caraga	2,146.5	1,233.2	1,183.7	1,108.5	1,296.7	1,145.8	1,456.8	1,498.8	1,628.4	1,806.5
Agusan del Norte	973.2	376.6	367.9	368.9	594.4	484.9	643.1	655.1	667.0	800.3
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	7.0	7.3
Surigao del Norte	213.0	205.3	217.1	182.8	195.5	180.7	116.5	154.0	226.4	207.7
Surigao del Sur	960.3	651.4	598.8	556.8	506.8	480.2	697.2	689.6	728.0	791.1
ARMM	2,393.3	2,595.6	3,021.1	3,101.4	2,969.1	2,938.4	3,049.4	3,103.2	3,298.7	4,086.5
Basilan	435.0	467.2	466.2	487.6	339.3	257.0	242.6	269.2	445.1	1,151.3
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	1,958.3	2,128.4	2,555.0	2,613.8	2,629.8	2,681.5	2,806.8	2,834.0	2,853.6	2,935.3
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**14,957.2**	**14,920.6**	**13,999.3**	**14,194.3**	**14,381.3**	**15,213.4**	**18,449.4**	**18,377.8**	**17,511.8**	**18,401.6**
NCR	132.0	57.8	124.4	313.9	411.2	366.0	316.8	0.0	0.5	1.3
Metro Manila	132.0	57.8	124.4	313.9	411.2	366.0	316.8	0.0	0.5	1.3
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1,183.0	1,211.3	1,237.6	1,205.5	1,929.6	2,501.7	6,077.1	6,368.7	5,068.2	4,972.6
Ilocos Norte	322.8	242.7	235.7	226.1	178.7	111.2	113.3	83.9	103.2	108.5
Ilocos Sur	461.3	485.8	485.3	508.0	525.0	516.7	523.3	480.9	412.4	391.8
La Union	252.7	307.9	271.2	220.7	287.1	289.2	764.6	650.9	478.5	98.9
Pangasinan	146.2	174.9	245.4	250.7	938.8	1,584.6	4,675.9	5,153.0	4,074.2	4,373.4
Cagayan Valley	2,844.0	2,803.3	2,300.4	2,355.3	2,294.5	2,245.3	2,172.3	2,088.6	1,676.2	1,830.2
Cagayan	2,844.0	2,803.3	2,300.4	2,355.3	2,294.5	2,245.3	2,172.3	2,088.6	1,676.2	1,830.2
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	6,801.2	6,732.0	6,352.5	6,176.6	6,118.6	6,432.1	6,152.4	6,129.1	6,981.3	8,028.1
Aurora	60.0	65.0	55.6	48.4	43.9	51.6	55.8	163.8	118.7	101.1
Bataan	209.4	207.4	217.1	220.1	213.0	228.0	228.0	239.2	231.4	157.6
Bulacan	1,606.9	1,814.1	1,534.2	1,332.6	1,383.4	1,543.0	1,317.2	1,266.1	2,201.9	3,160.9
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	4,905.2	4,639.4	4,543.2	4,572.6	4,477.4	4,609.1	4,551.5	4,457.3	4,429.1	4,608.2
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	19.7	6.1	2.5	3.0	0.9	0.5	..	2.7	0.3	0.3
CALABARZON	43.8	..	..	..	..	..	0.1	5.5	2.1	14.2
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	42.3	..	..	..	..	..	..	0.1	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	1.4	..	..	..	..	..	0.1	5.4	2.1	14.2
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.1	2.3	..	..	0.0	0.0	..	..	14.8	1.9
Marinduque	..	..	..	..	..	..	..	..	0.9	1.0
Occidental Mindoro	..	..	..	..	..	..	..	..	13.6	0.5
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0.1	2.3	..	..	..	..	..	..	0.4	0.3
Romblon	..	..	..	..	0.0	0.0	..	..	..	0.1
Bicol Region	134.9	148.7	184.4	217.1	255.8	290.4	317.1	328.1	227.9	221.5
Albay	..	..	..	..	5.1	5.3	6.1	8.2	13.3	11.7
Camarines Norte	58.6	63.1	93.8	114.9	130.3	147.9	169.6	195.3	129.3	133.5
Camarines Sur	29.4	32.5	35.6	39.6	43.7	42.1	42.7	36.4	12.8	6.4
Catanduanes	2.8	0.5	1.0	1.8	6.9	12.0	13.1	20.4	6.8	2.8
Masbate	30.4	34.8	37.1	42.1	49.2	53.2	60.5	55.8	58.8	58.4
Sorsogon	13.7	17.8	16.8	18.8	20.6	30.1	25.1	11.9	7.0	8.8
Western Visayas	792.9	655.0	729.2	838.3	785.9	882.1	945.1	1,067.0	1,090.2	1,217.1
Aklan	27.1	32.4	37.1	37.8	43.9	44.7	50.4	64.7	55.0	43.0
Antique	17.5	25.8	23.1	25.8	33.0	37.1	39.0	37.7	23.6	17.6
Capiz	142.6	170.8	161.0	179.2	201.8	214.4	177.8	190.9	196.6	213.1
Guimaras	29.1	27.1	16.7	12.1	20.0	13.6	16.6	13.8	9.0	11.4
Iloilo	31.2	24.1	32.8	54.4	81.3	64.0	32.1	25.6	17.5	18.0
Negros Occidental	545.4	374.8	458.5	529.0	406.0	508.3	629.2	734.4	788.6	914.1
Central Visayas	122.6	135.3	179.9	191.3	163.4	103.1	58.4	101.2	175.9	180.1
Bohol	98.5	90.9	150.6	167.3	144.9	85.2	44.9	92.6	167.0	172.1
Cebu	13.8	33.6	15.6	12.5	8.1	8.4	6.1	5.8	8.1	7.6
Negros Oriental	10.2	10.8	13.7	11.4	10.3	9.5	7.3	2.8	0.8	0.4
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	56.8	67.2	67.3	62.6	61.2	64.1	47.2	36.6	36.8	43.0
Biliran	0.2	0.1	0.6	0.0	0.0	..	..	..	0.3	0.0
Eastern Samar	24.6	24.9	22.0	23.7	19.3	24.1	12.9	1.4	0.1	0.1
Leyte	11.0	19.8	18.4	9.9	9.8	7.0	..	..	0.1	0.5
Northern Samar	21.0	22.4	26.3	28.9	32.2	33.0	34.3	35.2	36.3	41.4
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	1.0
Zamboanga Peninsula	1,836.6	2,170.7	1,775.9	1,694.3	1,164.9	1,161.4	1,172.9	1,106.3	1,338.5	756.6
Zamboanga del Norte	29.7	43.2	55.7	56.3	53.1	38.0	26.3	18.3	20.8	18.4
Zamboanga del Sur	789.0	919.8	964.2	960.6	965.5	979.1	1,042.3	1,006.7	1,142.1	598.1
Zamboanga City	32.7	20.2	21.0	19.4	18.5	17.4	17.2	16.6	12.9	13.0
Zamboanga Sibugay	985.2	1,187.5	735.0	658.1	127.7	127.0	87.1	64.7	162.7	127.2
Northern Mindanao	400.8	438.0	468.0	580.9	504.4	428.4	372.6	539.8	510.8	616.3
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	345.0	379.5	395.6	519.8	467.6	362.6	304.2	434.3	429.9	444.3
Misamis Occidental	53.4	55.0	53.1	54.1	36.9	65.7	66.9	72.3	80.5	44.0
Misamis Oriental	2.5	3.5	19.3	7.0	..	0.2	1.5	33.2	0.5	128.0
Davao Region	169.4	88.6	190.4	161.6	174.3	202.2	312.2	306.8	117.3	117.9
Davao del Norte	27.4	26.1	26.3	27.3	25.7	20.5	21.3	32.9	41.1	30.1
Davao del Sur	124.3	42.7	144.6	112.1	115.5	58.5	49.7	45.2	33.4	12.0
Davao City	8.2	11.3	7.0	6.2	19.5	111.6	234.1	225.2	40.5	70.3
Davao Oriental	3.4	3.6	1.8	3.2	2.7	3.5	1.7	0.3	0.8	4.0
Compostela Valley	6.1	5.0	10.7	12.8	10.9	8.1	5.4	3.2	1.6	1.4
SOCCSKSARGEN	231.8	222.1	187.8	237.2	338.3	397.7	373.8	167.7	127.5	214.5
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	217.1	215.0	181.6	223.9	246.2	244.2	224.0	119.1	97.1	197.3
South Cotabato	..	..	..	6.0	85.6	146.2	146.3	45.6	10.7	15.7
Sultan Kudarat	14.7	7.0	6.2	7.4	6.5	7.3	3.5	3.0	19.7	1.5
Caraga	56.6	31.6	29.8	37.1	54.8	12.9	7.0	5.0	14.0	37.7
Agusan del Norte	13.4	10.0	8.6	26.9	42.6	1.1	2.5	1.4	13.1	10.2
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	0.2
Surigao del Norte	18.7	21.6	21.2	10.2	11.7	11.0	4.4	3.1	0.1	0.4
Surigao del Sur	24.5	..	..	..	0.5	0.8	0.0	0.5	0.8	26.9
ARMM	150.9	157.1	171.9	122.5	124.5	125.9	124.7	127.6	129.7	148.7
Basilan	1.1	1.2	1.2	1.2	0.7	0.7	0.7	1.1	..	5.2
Lanao del Sur	8.9	9.1	9.3	9.1	9.2	6.7	3.7	1.9	..	..
Maguindanao	140.9	146.8	161.4	112.2	114.7	118.5	120.3	124.6	129.7	143.5
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tiger prawn										
Philippines	**45,342.4**	**47,829.7**	**48,161.8**	**47,494.7**	**48,196.6**	**49,466.9**	**47,843.4**	**49,527.3**	**49,139.3**	**46,067.6**
NCR	5.7	2.7	2.8	..	0.1	..	0.7	..	0.8	0.3
Metro Manila	5.7	2.7	2.8	..	0.1	..	0.7	..	0.8	0.3
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	497.0	800.5	834.9	925.8	1,347.1	1,511.0	2,413.6	2,100.8	1,774.9	1,672.8
Ilocos Norte	..	0.1	0.1	1.6	1.9	1.9	2.8	0.6	0.9	0.9
Ilocos Sur	1.2	1.0	0.8	1.0	1.0	1.1	1.1	1.0	0.8	0.8
La Union	3.1	2.1	2.0	2.4	1.3	1.3	1.4	0.5	1.5	2.0
Pangasinan	492.8	797.4	832.0	920.9	1,343.0	1,506.7	2,408.3	2,098.7	1,771.7	1,669.2
Cagayan Valley	87.5	69.7	54.8	54.0	48.4	46.8	45.6	44.5	37.5	40.2
Cagayan	87.5	69.7	54.8	54.0	48.4	46.8	45.6	44.5	37.5	40.2
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	23,424.5	24,231.9	24,763.6	24,998.5	24,813.2	24,830.3	24,247.7	23,905.1	24,164.6	22,302.3
Aurora	179.3	..	..	..	..	..	..	..	..	..
Bataan	1,066.7	1,001.5	970.2	897.8	888.9	901.2	880.0	874.4	798.0	776.2
Bulacan	3,591.6	3,769.0	4,758.8	5,205.6	5,253.3	4,649.1	3,979.7	3,472.0	3,914.0	1,583.3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	18,546.5	19,460.6	19,030.1	18,894.7	18,653.4	19,266.7	19,378.7	19,546.5	19,452.5	19,931.7
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	40.4	0.8	4.5	0.5	17.5	13.3	9.3	12.1	0.0	11.1
CALABARZON	198.5	209.1	237.6	80.9	695.0	256.8	57.9	73.8	192.3	323.9
Batangas	115.9	109.8	114.9	2.1	..	..	..	..	..	..
Cavite	11.4	7.2	5.0	3.7	3.3	0.6	0.9	0.6	1.1	0.7
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	71.2	92.0	117.7	75.1	691.7	256.2	57.0	73.2	191.2	323.3
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	693.3	699.8	603.9	654.2	666.7	425.1	285.5	564.0	334.9	259.5
Marinduque	93.9	97.8	98.3	97.7	99.5	92.3	86.7	83.9	95.7	98.0
Occidental Mindoro	..	..	..	..	..	..	..	..	2.7	0.6
Oriental Mindoro	590.7	593.9	496.0	544.9	552.5	313.7	177.7	459.6	225.1	151.8
Palawan	8.7	8.0	9.5	11.5	14.2	18.6	21.1	20.5	11.5	8.9
Romblon	..	..	..	0.1	0.5	0.5	..	..	..	0.3
Bicol Region	774.5	1,009.6	1,156.2	1,277.3	1,489.1	1,602.3	1,622.7	1,593.9	2,298.7	2,348.2
Albay	7.2	9.3	9.6	9.6	9.7	7.1	6.6	1.1	3.1	2.3
Camarines Norte	190.2	464.7	573.4	695.6	776.9	869.2	940.9	1,024.7	1,824.6	1,952.5
Camarines Sur	364.1	330.9	342.8	353.2	383.0	379.5	364.1	324.9	228.2	126.6
Catanduanes	10.3	9.9	13.4	21.0	23.0	25.5	22.7	26.4	22.4	23.3
Masbate	69.6	74.1	77.0	75.2	78.6	78.1	79.6	62.6	61.0	63.0
Sorsogon	133.1	120.7	140.1	122.8	217.9	242.9	208.8	154.2	159.5	180.4
Western Visayas	1,950.9	2,029.8	2,006.6	1,919.0	2,109.6	2,094.9	1,877.4	1,702.1	1,266.9	1,027.1
Aklan	288.9	311.1	345.1	448.7	566.9	661.8	586.9	662.0	368.4	251.4
Antique	5.8	6.5	3.7	3.7	3.8	4.0	4.4	3.9	3.2	3.7
Capiz	1,477.5	1,525.5	1,431.2	1,352.6	1,450.7	1,333.4	1,253.3	1,007.5	873.4	754.6
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	18.2	8.4	96.1	4.9	3.7	2.3	0.7	0.4	0.4	0.3
Negros Occidental	160.6	178.2	130.6	109.1	84.4	93.4	32.2	28.2	21.4	17.2
Central Visayas	2,167.2	1,790.0	1,351.1	1,056.4	1,087.1	594.1	252.6	234.5	203.5	384.1
Bohol	1,682.7	1,330.0	881.8	407.0	406.0	252.1	99.1	85.1	96.8	275.0
Cebu	410.4	439.5	406.3	525.3	575.4	262.5	117.4	114.4	56.6	36.1
Negros Oriental	74.1	20.5	63.0	124.1	105.8	79.5	36.1	35.0	50.0	73.0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	470.8	480.8	392.3	318.1	262.5	212.8	125.3	122.1	108.9	233.9
Biliran	..	0.9	1.0	0.7	0.9	0.0	0.0	0.4	1.1	1.1
Eastern Samar	1.1	1.1	1.1	1.3	..	..	..	..	..	0.1
Leyte	230.4	230.9	205.2	161.9	159.1	146.4	125.2	121.8	107.5	232.0
Northern Samar	31.6	11.5	17.5	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	0.1	..	..	..	0.0	0.8
Samar	207.7	236.3	167.5	154.2	102.4	66.5	..	..	0.2	..
Zamboanga Peninsula	5,372.2	6,670.9	7,280.9	6,661.9	4,921.3	4,081.3	3,971.4	3,880.7	2,360.5	1,510.4
Zamboanga del Norte	42.6	44.9	27.0	25.2	29.3	23.6	20.8	14.0	17.2	22.9
Zamboanga del Sur	2,728.6	3,099.5	3,105.9	3,366.7	3,355.4	3,377.0	3,601.8	3,503.9	1,836.5	1,127.4
Zamboanga City	23.7	44.3	40.2	47.3	43.1	28.2	28.4	28.4	26.7	23.7
Zamboanga Sibugay	2,577.3	3,482.2	4,107.9	3,222.8	1,493.5	652.5	320.5	334.4	480.1	336.4
Northern Mindanao	7,883.0	8,736.1	8,530.3	8,678.9	9,991.4	13,074.9	12,207.1	14,706.4	15,471.3	15,177.7
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	6,258.2	7,074.4	6,760.9	6,659.5	7,818.3	11,519.3	10,556.7	13,380.0	14,114.8	13,956.2
Misamis Occidental	1,619.3	1,659.0	1,738.1	2,019.4	2,173.1	1,555.6	1,650.4	1,326.5	1,356.6	1,221.5
Misamis Oriental	5.5	2.7	31.3	..	..	..	..	..	..	..
Davao Region	43.9	36.2	35.0	34.3	26.2	21.5	19.4	54.7	243.2	20.8
Davao del Norte	35.5	33.7	32.7	31.3	23.1	19.6	18.4	54.3	242.8	18.5
Davao del Sur	..	..	..	0.0	..	..	..	..	..	0.0
Davao City	6.0	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	0.0	0.0	..	0.0	0.0	0.0
Compostela Valley	2.4	2.5	2.3	3.0	3.0	1.9	1.0	0.4	0.4	2.3
SOCCSKSARGEN	319.9	57.4	12.8	24.8	2.6	2.2	1.7	4.1	2.5	0.2
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	210.6	10.3	11.0	6.9	..	..	..	..	..	..
South Cotabato	105.0	45.0	..	15.0	..	..	..	..	..	..
Sultan Kudarat	4.4	2.1	1.8	2.9	2.6	2.2	1.7	4.1	2.5	0.2
Caraga	1,231.4	767.1	647.4	537.1	466.5	454.8	451.2	273.5	413.3	478.8
Agusan del Norte	540.6	204.9	134.7	104.1	83.2	58.6	51.1	47.9	206.6	219.9
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	0.1	0.1
Surigao del Norte	86.0	94.7	97.6	39.7	31.3	22.8	31.4	53.6	47.7	64.0
Surigao del Sur	604.8	467.5	415.1	393.3	352.1	373.4	368.7	172.0	159.0	194.8
ARMM	222.1	238.3	251.8	273.5	269.9	258.2	263.9	267.2	265.6	287.5
Basilan	21.3	22.1	21.4	21.7	20.7	19.9	20.1	20.2	16.3	23.3
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	200.8	216.2	230.3	251.8	249.3	238.3	243.7	247.0	249.4	264.2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mudcrab										
Philippines	**11,618.2**	**13,720.2**	**14,436.5**	**15,730.9**	**16,359.6**	**15,794.0**	**16,159.7**	**16,198.5**	**16,856.5**	**18,097.5**
NCR	..	0.2	2.1	..	..	..	..	..	1.2	1.8
Metro Manila	..	0.2	2.1	..	..	..	..	..	1.2	1.8
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	15.3	9.1	8.0	9.0	8.2	8.8	11.2	12.1	12.1	11.5
Ilocos Norte	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Ilocos Sur	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
La Union	0.3	0.4	0.4	0.5	0.1	0.1	0.1	0.1	0.1	0.1
Pangasinan	14.7	8.4	7.3	8.3	7.9	8.5	11.0	11.9	11.9	11.3
Cagayan Valley	84.0	56.9	55.7	58.6	55.3	52.5	50.8	49.5	39.3	44.9
Cagayan	84.0	56.9	55.7	58.6	55.3	52.5	50.8	49.5	39.3	44.9
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	3,978.5	4,157.9	4,133.7	4,156.1	4,017.3	4,096.5	4,069.9	4,179.8	4,154.3	4,354.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	127.8	126.0	123.0	124.0	122.6	125.0	125.5	130.8	128.0	130.9
Bulacan	42.3	29.9	82.6	71.7	59.4	70.2	73.3	65.7	35.8	36.2
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	3,801.4	3,999.7	3,926.8	3,956.7	3,833.0	3,896.9	3,865.4	3,977.5	3,989.3	4,185.6
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	7.1	2.2	1.3	3.7	2.3	4.4	5.8	5.9	1.2	1.9
CALABARZON	51.6	43.2	34.4	36.0	24.6	25.0	27.0	38.4	119.8	616.4
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	0.0	0.0
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	51.6	43.2	34.4	36.0	24.6	25.0	27.0	38.4	119.8	616.4
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1.5	2.2	1.8	2.4	5.6	5.9	6.2	7.6	7.2	11.2
Marinduque	..	..	..	..	..	..	..	..	1.1	1.2
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	0.3	1.3	1.0	0.7	0.2	0.2	0.2
Palawan	1.5	2.2	1.8	2.1	4.1	4.8	5.6	7.4	6.0	9.7
Romblon	..	..	..	..	0.2	0.1	..	..	..	0.1
Bicol Region	1,620.4	1,614.4	1,899.6	1,578.0	1,390.7	1,352.3	1,518.5	1,239.1	1,051.3	1,112.5
Albay	14.5	16.1	16.5	16.3	16.5	15.6	14.0	2.0	..	0.5
Camarines Norte	121.9	131.3	170.2	185.8	206.1	229.2	246.2	263.2	213.7	198.9
Camarines Sur	195.4	175.9	197.5	221.5	241.8	240.7	235.9	212.1	171.2	121.8
Catanduanes	11.1	9.7	12.8	16.6	81.6	116.6	87.0	96.1	93.1	16.8
Masbate	53.9	57.5	59.5	61.2	65.7	66.9	69.9	68.5	68.1	68.6
Sorsogon	1,223.5	1,224.0	1,443.1	1,076.7	779.1	683.3	865.5	597.3	505.2	706.0
Western Visayas	1,233.4	1,276.7	1,200.5	1,683.4	1,874.3	1,689.3	1,814.5	1,602.1	1,759.7	2,096.0
Aklan	7.9	8.6	8.7	9.6	12.7	25.2	31.1	41.1	45.8	37.7
Antique	7.2	7.9	7.9	7.1	7.5	7.8	8.0	8.0	5.4	4.3
Capiz	1,194.0	1,230.1	1,163.4	1,651.7	1,831.6	1,638.7	1,764.8	1,544.2	1,702.6	2,045.8
Guimaras	13.7	19.1	10.4	7.9	12.9	13.1	8.3	6.6	3.9	6.7
Iloilo	6.4	6.2	4.5	..	1.7	3.0	1.0	1.4	1.6	1.3
Negros Occidental	4.4	4.8	5.5	7.2	7.9	1.5	1.2	0.8	0.4	0.2
Central Visayas	2.1	2.3	8.1	3.6	4.4	4.9	4.7	4.3	3.3	5.4
Bohol	1.9	2.0	8.1	3.6	4.3	4.9	4.6	4.2	3.3	5.4
Cebu	0.2	0.3	0.0	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	0.0	0.0	0.1	0.1	0.0	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	290.8	345.6	412.3	409.1	370.7	653.2	485.7	299.3	308.8	391.5
Biliran	0.0	..	..	..	..	..	..	0.2	..	..
Eastern Samar	112.6	120.9	155.9	170.6	91.6	83.2	31.4	1.8	0.0	0.0
Leyte	5.2	16.8	8.5	8.1	5.8	3.8	2.1	1.7	1.0	0.9
Northern Samar	108.3	132.1	163.4	151.0	185.8	190.1	190.8	134.7	128.5	141.5
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	64.7	75.8	84.4	79.4	87.6	376.1	261.5	161.1	179.3	249.1
Zamboanga Peninsula	122.5	236.7	255.3	246.8	284.1	277.6	235.3	234.4	615.4	481.9
Zamboanga del Norte	4.2	4.3	4.6	5.4	5.3	5.5	6.4	3.8	4.5	4.9
Zamboanga del Sur	39.2	48.4	48.0	48.6	48.2	49.3	60.2	58.4	253.9	200.5
Zamboanga City	26.4	68.1	73.1	90.6	87.8	81.4	88.1	103.5	91.4	93.5
Zamboanga Sibugay	52.7	115.9	129.7	102.3	142.8	141.5	80.6	68.7	265.6	183.0
Northern Mindanao	4,020.7	5,778.0	6,150.0	7,280.4	8,084.3	7,409.0	7,739.4	8,336.1	8,571.4	8,668.9
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	3,552.2	5,292.7	5,643.2	6,722.6	7,505.0	6,486.1	6,692.5	7,101.2	7,269.0	7,513.5
Misamis Occidental	468.5	485.3	506.8	557.9	579.3	922.9	1,046.9	1,234.9	1,302.4	1,155.4
Misamis Oriental	..	..	..	..	..	..	..	..	..	0.0
Davao Region	3.5	3.9	3.6	3.8	3.7	3.4	1.6	2.6	2.7	4.2
Davao del Norte	2.1	2.9	2.9	3.3	2.9	2.8	1.6	2.5	2.6	3.3
Davao del Sur	..	..	..	..	..	..	..	..	..	0.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	1.2	0.8	0.4	..	0.0	0.0	..	0.0	0.0	0.0
Compostela Valley	0.2	0.1	0.4	0.5	0.7	0.6	..	0.0	0.1	0.9
SOCCSKSARGEN	0.4	0.4	0.3	0.3	0.5	0.6	0.5	0.6	1.1	0.4
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	0.1	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	0.3	0.4	0.3	0.3	0.5	0.6	0.5	0.6	1.1	0.4
Caraga	180.0	174.7	189.1	180.6	156.0	131.7	109.8	107.4	120.0	201.5
Agusan del Norte	13.1	17.6	12.4	14.8	18.4	21.0	24.7	28.5	28.4	48.0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	0.1	0.0
Surigao del Norte	29.7	33.0	32.8	23.0	23.8	23.6	11.9	19.0	9.5	13.1
Surigao del Sur	137.2	124.1	143.8	142.9	113.8	87.1	73.2	59.9	82.1	140.4
ARMM	13.6	18.3	82.1	82.9	80.2	83.4	84.8	85.2	88.9	94.7
Basilan	..	..	..	..	..	..	..	..	0.0	0.1
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	13.6	15.1	78.1	80.0	80.2	83.4	84.8	85.2	88.9	94.6
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 2.8.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Endeavor prawn										
Philippines	**786.1**	**801.3**	**689.4**	**689.8**	**778.5**	**757.2**	**1,150.6**	**950.3**	**635.8**	**644.0**
NCR	0.1	..	..	..	..	0.0	..	..	..	..
Metro Manila	0.1	..	..	..	..	0.0	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	55.6	48.0	46.0	47.5	54.3	58.9	69.7	61.9	76.5	81.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	36.4	33.9	33.6	33.7	38.9	41.8	51.8	40.9	56.2	61.4
Pangasinan	19.2	14.2	12.4	13.8	15.4	17.1	17.9	21.0	20.3	19.8
Cagayan Valley	107.2	107.2	91.6	97.4	94.5	96.0	94.0	90.6	65.3	57.1
Cagayan	107.2	107.2	91.6	97.4	94.5	96.0	94.0	90.6	65.3	57.1
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	107.0	106.1	106.9	108.5	110.7	115.0	118.3	123.7	118.1	117.2
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	101.1	103.9	106.7	108.0	110.7	115.0	118.3	123.7	118.1	114.8
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	5.9	2.2	0.2	0.5	..	..	..	..	..	2.3
CALABARZON	141.5	135.1	131.7	88.1	141.6	126.1	506.1	323.2	75.5	119.5
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	141.5	135.1	131.7	88.1	141.6	126.1	506.1	323.2	75.5	119.5
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	0.2	0.4
Marinduque	..	..	..	..	..	..	..	..	0.1	0.1
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	0.1	..
Palawan	..	..	..	..	..	..	..	..	..	0.3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	176.4	143.3	145.9	155.3	162.0	154.4	159.0	148.0	111.6	99.3
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	29.8	1.2	..	..	..	..	..	..	1.6	1.2
Camarines Sur	81.5	70.4	69.3	69.9	67.8	54.7	48.3	40.4	9.4	2.0
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	64.6	71.6	76.6	85.4	93.6	99.6	110.8	107.6	100.6	96.1
Sorsogon	0.5	0.1	..	..	0.5	..	0.0	..	..	..
Western Visayas	82.8	123.4	107.5	146.0	165.5	159.2	160.8	151.7	154.8	144.8
Aklan	13.9	20.7	20.3	25.6	29.7	32.7	23.4	25.6	30.5	32.3
Antique	10.6	7.8	7.7	7.0	7.2	8.1	7.2	5.8	5.0	4.1
Capiz	34.6	47.8	47.4	57.9	63.3	68.6	77.3	85.4	93.4	99.5
Guimaras	10.9	14.9	8.2	6.4	8.9	7.3	8.3	4.8	1.7	2.3
Iloilo	7.2	25.9	16.5	41.3	46.8	36.4	38.9	27.1	19.9	6.3
Negros Occidental	5.6	6.4	7.4	7.9	9.7	6.2	5.7	3.1	4.3	0.4
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	73.7	88.3	25.4	15.9	26.0	23.2	24.4	27.5	17.7	17.7
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	64.9	69.6	6.4	6.4	12.1	14.4	14.4	24.1	14.2	13.4
Misamis Occidental	8.7	18.7	19.1	9.5	13.9	8.8	10.0	3.4	3.5	4.3
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	17.8	18.0	16.8	18.5	15.9	17.9	12.8	13.8	4.9	5.3
Davao del Norte	14.6	15.2	11.3	10.9	9.7	11.2	8.9	12.6	4.2	1.9
Davao del Sur	..	..	..	..	..	..	..	..	..	0.2
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	0.3	0.2	0.4
Compostela Valley	3.3	2.8	5.4	7.6	6.2	6.7	3.9	1.0	0.5	2.9
SOCCSKSARGEN	..	0.1	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	0.1	..	..	..	..	..	..	..	..
Caraga	24.1	25.6	17.7	12.7	8.0	6.5	5.4	9.9	11.2	1.6
Agusan del Norte	0.8	0.7	0.4	0.5	0.3	0.2	0.3	0.4	0.4	1.2
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	23.3	24.9	17.3	12.2	7.7	6.3	5.1	9.5	10.8	0.4
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 2.8.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
White shrimp										
Philippines	**2,070.0**	**2,204.5**	**2,076.5**	**1,974.1**	**1,878.6**	**1,871.0**	**1,826.7**	**1,646.0**	**1,673.7**	**1,744.3**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	13.5	13.2	12.4	12.3	27.8	35.9	30.2	15.4	17.1	14.9
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	6.4	7.5	6.9	7.4	22.7	28.5	19.4	4.8	7.5	4.8
Pangasinan	7.1	5.7	5.6	4.9	5.1	7.5	10.8	10.6	9.7	10.0
Cagayan Valley	66.8	59.7	57.2	61.0	55.2	56.3	54.3	53.5	48.6	40.8
Cagayan	66.8	59.7	57.2	61.0	55.2	56.3	54.3	53.5	48.6	40.8
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	366.0	376.7	370.7	383.7	372.6	364.4	356.4	372.7	390.0	406.6
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	43.3	45.0	44.7	46.3	48.0	50.0	51.1	53.2	54.9	59.7
Bulacan	6.4	2.9	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	316.3	328.9	326.0	337.5	324.7	314.4	305.3	319.5	335.1	346.9
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	190.8	106.1	129.3	123.8	145.8	105.9	104.5	..	0.6	0.3
Batangas	93.5	10.5	40.0	49.0	42.8	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	0.0	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	97.4	95.6	89.3	74.8	103.0	105.9	104.5	..	0.6	0.3
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	4.0	4.3	..	..	..	..	..	..	..	0.2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	4.0	4.3	..	..	..	..	..	..	..	0.2
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	0.0
Bicol Region	128.3	142.3	149.8	158.4	166.6	180.0	191.0	180.1	166.9	145.7
Albay	..	..	..	..	..	..	..	..	1.3	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	0.2	..	..
Catanduanes	0.4	0.5	0.9	0.1	0.7	2.9	3.6	7.7	8.3	1.4
Masbate	128.0	140.6	148.4	157.0	165.0	175.6	186.2	171.7	157.0	144.1
Sorsogon	..	1.3	0.5	1.3	0.9	1.5	1.2	0.6	0.2	0.3
Western Visayas	33.2	37.8	37.6	37.6	40.9	46.0	25.5	24.6	20.1	20.9
Aklan	1.2	..	0.1	0.1	0.0	0.0	..	..	..	..
Antique	2.8	2.3	3.5	3.3	3.8	3.9	3.8	3.5	3.4	2.0
Capiz	4.7	6.1	5.1	7.3	7.7	7.9	9.2	10.1	11.2	11.4
Guimaras	10.9	17.5	12.7	9.6	10.5	7.0	4.6	4.3	2.0	3.0
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	13.7	11.9	16.3	17.3	18.8	27.2	7.9	6.6	3.4	4.6
Central Visayas	11.7	20.1	15.2	21.2	9.4	10.5	7.8	8.6	5.8	7.5
Bohol	6.8	4.8	5.0	5.0	5.4	6.5	5.4	6.2	5.8	7.5
Cebu	1.5	1.8	2.1	2.4	1.9	2.5	1.9	2.1	0.0	0.0
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	917.5	1,119.2	1,019.7	889.6	792.5	799.3	737.3	684.9	802.1	846.4
Zamboanga del Norte	7.1	19.3	22.3	24.4	28.1	27.6	24.1	16.8	20.6	25.3
Zamboanga del Sur	469.1	529.8	532.8	636.3	603.7	601.6	608.9	579.0	704.1	752.6
Zamboanga City	34.4	37.0	35.9	40.5	40.2	36.4	35.0	36.6	35.0	32.6
Zamboanga Sibugay	406.8	533.2	428.7	188.4	120.5	133.7	69.3	52.5	42.5	35.8
Northern Mindanao	28.5	23.6	22.4	25.9	31.1	40.5	44.3	38.5	36.9	38.6
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	14.0	10.9	9.4	13.5	14.3	19.5	19.0	19.1	16.3	15.9
Misamis Occidental	14.2	12.4	12.6	11.6	16.2	19.6	24.3	19.2	20.6	22.7
Misamis Oriental	0.3	0.2	0.5	0.8	0.6	1.5	0.9	0.2	..	..
Davao Region	41.5	41.7	39.8	31.0	28.5	21.0	22.8	22.7	18.9	56.0
Davao del Norte	0.0	0.1	0.2	0.3	0.0	0.1	0.0	0.1	0.0	2.7
Davao del Sur	41.4	41.1	39.0	30.1	26.9	18.4	18.4	18.9	18.8	53.3
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	0.1	..	..	..	0.3	2.0	4.3	3.8	..	..
Compostela Valley	..	0.5	0.6	0.7	1.3	0.5	..	..	0.0	0.0
SOCCSKSARGEN	..	..	..	0.0	0.1	0.1	0.1	0.4	0.2	0.0
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	0.0	0.1	0.1	0.1	0.4	0.2	0.0
Caraga	150.0	136.7	103.2	106.0	83.9	80.0	107.9	95.6	15.6	4.3
Agusan del Norte	2.2	3.4	2.0	2.4	2.4	1.8	2.7	4.3	2.5	1.9
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	6.0	3.7	3.9	3.2	3.6	3.3	2.9	5.1	6.3	2.0
Surigao del Sur	141.9	129.7	97.3	100.5	78.0	75.0	102.3	86.3	6.9	0.4
ARMM	118.1	123.0	119.1	123.5	124.1	131.2	144.8	149.0	150.9	162.2
Basilan	3.0	3.5	3.3	3.5	1.8	1.8	1.7	2.0	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	115.2	119.6	115.8	120.1	122.3	129.4	143.1	147.0	150.9	162.2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Grouper										
Philippines	**40.6**	**45.7**	**35.5**	**18.9**	**20.2**	**26.3**	**14.9**	**22.3**	**20.2**	**17.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.2	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	0.2	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	0.7	0.6	0.5	0.4	0.4	0.3	0.3	..
Cagayan	..	..	0.7	0.6	0.5	0.4	0.4	0.3	0.3	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	23.5	25.2	16.7	7.2	3.2	5.7	1.8	1.9	0.1	2.6
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	23.5	25.2	16.7	7.2	3.2	5.7	1.8	1.9	0.1	2.6
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	8.3	11.7	13.0	7.8	10.0	16.0	11.1	18.7	15.5	12.4
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	8.3	11.7	13.0	7.8	10.0	16.0	11.1	18.7	15.5	12.4
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	0.0
Marinduque	..	..	..	..	..	..	..	..	..	0.0
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	0.0
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	0.1	..	..	0.3	3.6	2.7
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	0.8	0.7
Camarines Sur	..	..	..	..	..	..	..	0.3	2.8	2.0
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	0.1	..	..	..	..	..
Western Visayas	5.8	6.8	5.0	3.2	6.4	4.2	1.2	1.3	0.7	0.1
Aklan	0.1	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	4.5	5.2	2.8	..	0.8	..	..	..	..	..
Negros Occidental	1.2	1.7	2.3	3.2	5.6	4.2	1.2	1.3	0.7	0.1
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	2.9	1.8	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	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 2.8.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Siganid										
Philippines	**79.1**	**56.4**	**59.9**	**58.1**	**61.9**	**69.7**	**99.1**	**91.8**	**64.6**	**63.5**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	51.0	38.6	36.8	39.3	43.5	50.7	81.2	75.3	50.8	50.6
Ilocos Norte	0.0	..	..	0.0	0.0	0.0	0.0	0.5	0.6	0.7
Ilocos Sur	1.6	1.5	1.3	1.0	1.1	1.3	1.5	1.2	1.0	0.9
La Union	10.1	6.7	8.8	9.6	12.8	14.3	29.5	20.0	1.8	0.8
Pangasinan	39.3	30.4	26.8	28.7	29.6	35.1	50.2	53.6	47.4	48.2
Cagayan Valley	24.8	15.6	16.3	18.8	18.4	18.3	17.8	16.4	13.6	12.2
Cagayan	24.8	15.6	16.3	18.8	18.4	18.3	17.8	16.4	13.6	12.2
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0.2	0.2	..	..	..	..	..	0.2	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	0.2	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	0.2	0.2	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	0.1	..
Marinduque	..	..	..	..	..	..	..	..	0.0	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	0.0	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	1.4	..	..	..	..	0.2	0.1	..	..	0.4
Albay	..	..	..	..	..	..	..	..	..	0.3
Camarines Norte	1.4	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	0.2	0.1	..	..	0.1
Western Visayas	..	..	..	..	..	..	..	..	0.0	0.1
Aklan	..	..	..	..	..	..	..	..	0.0	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	..	..	..	..	..	..	0.3
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	1.5	2.0	6.8	..	..	..	..	..	..	0.3
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	0.4	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	0.4	..	..	..	..
Davao Region	0.0	..	..	0.0	..	..	..	..	0.0	0.0
Davao del Norte	0.0	..	..	0.0	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	0.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	0.0
Compostela Valley	..	..	..	..	..	..	..	..	0.0	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	0.0	0.0
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	0.0	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 2.8.1
AQUACULTURE IN BRACKISHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**1,992.3**	**3,294.1**	**5,134.0**	**4,367.2**	**5,781.3**	**7,787.0**	**7,812.3**	**9,000.1**	**10,477.0**	**14,391.3**
NCR	..	..	..	..	..	..	..	..	14.7	181.1
Metro Manila	..	..	..	..	..	..	..	..	14.7	181.1
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	59.3	66.2	184.9	236.1	572.0	491.0	518.2	581.0	479.5	515.0
Ilocos Norte	..	9.1	67.2	56.4	3.9	1.7	0.2	0.6	0.7	0.7
Ilocos Sur	..	0.5	0.7	13.0	20.3	20.3	19.8	16.0	14.4	12.7
La Union	0.1	2.1	62.7	114.7	64.3	45.9	41.4	2.8	0.0	0.0
Pangasinan	59.2	54.6	54.3	52.0	483.5	423.1	456.9	561.6	464.4	501.6
Cagayan Valley	..	5.6	7.2	9.6	549.9	997.1	1,049.9	1,502.9	1,465.0	1,340.2
Cagayan	..	5.6	7.2	9.6	549.9	997.1	1,049.9	1,502.9	1,465.0	1,340.2
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	869.1	1,272.8	1,872.5	1,022.1	1,641.7	1,799.2	2,054.7	2,236.4	2,007.7	3,349.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	0.9	..	18.9	44.3	46.3	49.4	52.0	55.1	51.9	55.0
Bulacan	5.4	49.6	62.6	162.8	200.6	307.9	397.3	408.3	519.4	766.8
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	2.3	7.8	8.0	7.8	8.1	8.5	8.5	9.2	20.9	36.8
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	860.5	1,215.5	1,783.0	807.2	1,386.7	1,433.4	1,596.9	1,763.8	1,415.6	2,491.3
CALABARZON	21.6	142.1	551.8	554.9	551.3	613.8	326.5	405.6	329.4	300.6
Batangas	18.0	111.6	537.1	553.7	549.8	612.9	324.1	400.1	322.2	290.6
Cavite	1.8	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	1.9	30.5	14.7	1.3	1.5	0.9	2.4	5.5	7.1	10.0
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	62.0	44.1	27.3	28.4	16.2	26.3	10.2	18.9
Marinduque	..	..	..	..	..	..	..	..	0.9	0.1
Occidental Mindoro	..	..	62.0	42.5	27.3	28.4	16.2	18.8	4.5	5.3
Oriental Mindoro	..	..	..	1.6	..	..	..	7.5	4.9	13.1
Palawan	..	..	..	..	..	..	..	..	..	0.5
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	0.0	0.0	2.1	1.7	2.6	2.1	3.2	4.3	26.0	43.9
Albay	..	..	..	..	..	..	..	..	1.4	..
Camarines Norte	..	..	..	..	..	..	..	..	1.8	2.2
Camarines Sur	..	..	0.3	0.3	1.8	2.1	2.4	4.3	22.9	41.7
Catanduanes	0.0	..	..	..	..	..	..	..	0.0	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	0.0	1.9	1.3	0.7	..	0.8	..	..	..
Western Visayas	166.2	219.5	298.6	194.9	222.5	206.8	369.4	387.5	738.9	671.8
Aklan	30.0	22.0	24.8	13.9	8.1	5.8	6.3	7.0	6.9	6.7
Antique	8.8	9.1	8.4	10.6	12.2	12.4	11.8	11.7	9.1	8.4
Capiz	39.9	45.6	45.0	50.8	57.0	58.4	61.4	63.2	81.2	79.9
Guimaras	..	..	..	..	..	..	..	..	0.1	0.0
Iloilo	40.0	97.0	104.8	108.5	133.9	125.7	139.2	107.1	117.4	11.5
Negros Occidental	47.5	45.9	115.7	11.2	11.3	4.5	150.7	198.5	524.3	565.2
Central Visayas	306.8	614.7	1,061.9	890.5	708.1	1,982.7	1,437.1	2,028.1	2,380.5	3,822.3
Bohol	8.0	26.5	130.4	278.4	420.1	398.8	251.0	251.3	414.5	868.7
Cebu	15.9	81.3	250.1	229.3	140.6	1,014.6	631.1	1,294.3	1,528.6	2,308.6
Negros Oriental	282.9	507.0	681.4	382.8	147.4	569.2	555.0	482.5	437.5	644.9
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	107.0	175.6	107.0	41.7	35.8	1.4	0.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	107.0	175.6	101.2	40.7	34.6	0.1	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	5.6	1.0	1.2	1.3	0.5
Samar	..	..	..	..	..	0.1	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	2.4	..	..	1.6
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	1.6
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	2.4	..	..	..
Northern Mindanao	240.9	101.8	99.5	112.4	38.0	33.8	45.6	2.8	..	1.8
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	212.4	88.4	98.7	100.4	18.9	..	..	..	..	..
Misamis Occidental	17.9	12.6	..	..	..	..	..	2.8	..	1.7
Misamis Oriental	10.6	0.8	0.8	12.0	19.1	33.8	45.6	..	..	0.1
Davao Region	162.2	177.1	231.4	133.8	202.0	263.6	548.7	336.8	501.6	570.8
Davao del Norte	11.3	8.3	0.7	0.1	0.1	..	..	..	0.2	28.9
Davao del Sur	135.0	157.5	196.0	26.2	19.4	11.7	11.7	12.0	33.1	188.8
Davao City	15.5	10.9	23.8	73.1	131.5	203.3	531.1	316.2	454.0	317.2
Davao Oriental	..	..	10.7	34.4	50.8	48.6	5.7	8.5	14.1	26.3
Compostela Valley	0.4	0.5	0.3	..	0.2	..	0.0	0.0	0.2	9.7
SOCCSKSARGEN	166.1	694.2	548.1	900.1	961.9	775.9	935.0	834.0	2,066.3	3,083.1
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	166.1	535.2	453.1	667.9	798.6	623.2	721.6	524.4	1,708.6	2,440.7
South Cotabato	..	159.0	95.0	232.2	163.3	152.7	211.6	290.0	350.0	627.4
Sultan Kudarat	..	..	..	..	..	..	1.9	19.6	7.6	15.0
Caraga	..	0.1	213.8	160.1	128.5	485.8	463.7	618.8	455.8	489.9
Agusan del Norte	..	0.1	213.8	160.1	128.5	481.9	430.1	576.5	425.7	429.0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	1.8	28.1	35.9	14.5	12.9
Surigao del Sur	..	..	..	..	..	2.1	5.6	6.4	15.6	48.0
ARMM	..	..	..	..	..	..	..	..	0.0	..
Basilan	..	..	..	..	..	..	..	..	0.0	..
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 2.8.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	**3,985.4**	**3,269.3**	**636.9**	**783.4**	**835.4**	**872.8**	**814.7**	**800.3**	**2,022.9**	**2,759.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	3,939.3	3,236.4	592.5	739.5	784.2	816.0	756.2	740.0	1,975.2	2,623.3
Ilocos Norte	..	..	..	..	..	..	..	0.1	0.1	0.1
Ilocos Sur	..	..	..	..	..	..	0.4	3.6	7.7	6.2
La Union	914.0	601.3	573.6	739.5	784.2	816.0	755.7	725.4	1,956.4	2,606.0
Pangasinan	3,025.3	2,635.1	19.0	..	..	..	..	10.9	11.0	11.0
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	0.4	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	0.4	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	10.2	20.3	26.9	29.0	35.7	39.6	39.0	44.1	31.1	50.6
Aklan	10.1	20.3	26.4	28.3	35.3	39.5	39.0	44.1	31.1	50.6
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	0.1	..	0.5	0.7	0.4	0.1	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	0.1	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	0.3	..	..	..	..	..	..	..	1.5	2.4
Bohol	..	..	..	..	..	..	..	..	0.4	2.4
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.3	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	1.1	..
Eastern Visayas	10.0	8.4	10.7	12.2	13.4	13.9	12.7	12.8	6.9	4.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	0.0	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	10.0	8.4	10.7	12.2	12.5	12.5	12.7	12.8	6.9	4.5
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	0.9	1.4	..	..	..	0.0
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	0.8	..	..	..	..	0.9	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	0.7	0.8	..	..	..	..	0.9	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	25.5	3.8	6.1	1.9	2.1	3.4	6.8	3.4	7.2	78.4
Agusan del Norte	3.4	1.5	6.0	1.9	1.0	1.3	2.0	..	..	0.0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	22.1	2.3	0.1	..	1.1	2.1	4.8	3.4	7.2	78.4
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 2.8.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**67.8**	**65.4**	**58.8**	**45.2**	**40.2**	**40.9**	**39.2**	**29.4**	**57.7**	**2.9**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	58.1	59.9	58.7	44.7	39.5	40.7	39.2	29.4	51.3	0.8
Ilocos Norte	..	..	..	..	..	..	..	0.6	0.4	0.3
Ilocos Sur	..	..	..	..	..	..	0.2	0.2	0.2	0.1
La Union	58.1	59.9	58.7	44.7	39.5	40.7	39.0	28.7	50.7	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	..	..	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	0.2	..	..	4.2	..
Bohol	..	..	..	..	..	..	..	..	4.0	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	0.2	..	..	0.2	..
Eastern Visayas	1.6	1.0	..	..	..	..	..	..	2.3	1.3
Biliran	..	..	..	..	..	..	..	..	2.0	..
Eastern Samar	..	1.0	..	..	..	..	..	..	0.0	0.0
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	1.6	..	..	..	..	..	..	..	0.2	1.3
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	0.1	..
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	8.1	4.5	0.2	0.4	0.8	0.1	0.0	..	..	0.8
Agusan del Norte	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	7.7	3.3	..	..	..	..	..	..	..	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 2.8.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Grouper										
Philippines	**0.1**	**0.6**	**0.2**	**0.3**	**..**	**..**	**..**	**..**	**..**	**0.1**
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	..	..	..	..	..	..	..	..	..	0.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	0.1
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	..	..	..	..	..	..	..	..	..	..
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 2.8.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Siganid										
Philippines	**2.0**	**2.4**	**1.1**	**1.4**	**1.2**	**1.3**	**1.2**	**1.8**	**3.2**	**1.9**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.6	0.9	1.0	1.3	1.2	1.3	1.2	1.8	3.2	1.9
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	0.6	0.5	0.5
La Union	0.6	0.9	1.0	1.3	1.2	1.3	1.2	1.3	2.6	1.5
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	1.4	1.5	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	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	..	..	..	..	0.0	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	0.1	0.1	..	..	..	..	0.0	..
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 2.8.2
AQUACULTURE IN BRACKISHWATER FISHPEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**11.6**	**12.0**	**6.1**	**1.5**	**0.9**	**0.8**	**0.5**	**0.7**	**2.4**	**1.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1.3	0.2	2.9	1.3	0.3	0.3	0.2	0.6	2.2	1.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1.3	0.2	2.9	1.3	0.3	0.3	0.2	0.6	2.2	1.1
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	0.1	0.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	0.0	0.1	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	0.1	0.3	0.2	0.2	0.4	0.2	0.1	0.1	0.0
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	0.0	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	0.0	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	2.6	2.9	2.8	..	0.4	..	..	..	0.1	0.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	0.0
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	2.6	2.9	2.8	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	0.4	..	..	..	0.1	..
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	..	..	..	..	0.1	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	0.0	0.0	..	..	..	..	0.1	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	7.7	8.8	..	0.0	0.0	0.1	..	..	..	0.0
Agusan del Norte	..	..	..	0.0	0.0	0.1	..	..	..	0.0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	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 2.8.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	**2,436.8**	**2,073.5**	**740.6**	**652.9**	**634.9**	**816.9**	**799.4**	**959.2**	**822.7**	**701.9**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1,335.6	1,086.2	234.3	179.3	130.6	35.3	14.0	26.0	37.9	34.1
Ilocos Norte	6.5	1.8	5.1	2.6	1.0	2.5	1.5	9.9	13.6	13.0
Ilocos Sur	2.4	2.9	3.0	3.1	3.3	3.2	3.4	7.1	7.1	5.8
La Union	258.9	291.1	188.2	173.6	126.3	29.5	9.1	9.0	17.2	15.3
Pangasinan	1,067.8	790.4	38.0	..	..	..	..	..	..	..
Cagayan Valley	85.7	23.2	23.3	26.4	20.3	21.6	21.5	16.8	2.8	2.1
Cagayan	85.7	23.2	23.3	26.4	20.3	21.6	21.5	16.8	2.8	2.1
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0.3	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	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	0.3	0.4
Bohol	..	..	..	..	1.8	..	..	0.8	..	0.4
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	10.5	9.9	6.5	9.0	1.5	1.5	0.8	..	..	..
Siquijor	..	..	..	..	..	..	..	..	0.3	..
Eastern Visayas	19.4	16.4	36.1	38.1	44.7	48.0	12.8	15.0	14.2	10.9
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	3.9	2.0	..	..	..	..	..	..	..	..
Leyte	0.5	3.5	22.1	28.1	32.5	35.3	..	2.1	4.7	3.2
Northern Samar	15.0	11.0	14.0	10.0	12.3	12.7	12.8	12.9	9.5	7.7
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	59.8	66.4	56.8	56.5	54.5	38.7	38.7	32.2	6.4	20.5
Davao del Norte	59.8	66.4	56.8	56.5	54.5	38.7	38.7	32.2	6.4	20.5
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	925.5	869.5	383.6	343.7	381.6	671.9	711.5	868.3	761.2	633.9
Agusan del Norte	921.9	865.5	364.8	333.5	376.2	665.9	707.1	868.3	761.2	633.9
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	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 2.8.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**175.1**	**112.9**	**76.7**	**89.4**	**106.0**	**116.8**	**123.9**	**153.1**	**94.1**	**133.5**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	52.4	43.9	19.6	19.4	32.5	38.4	48.2	82.4	82.9	117.6
Ilocos Norte	37.7	27.8	15.8	15.0	27.6	27.5	40.4	75.4	76.4	97.8
Ilocos Sur	2.4	2.5	2.5	2.6	2.8	3.9	3.9	3.6	3.0	2.7
La Union	12.3	13.7	1.2	1.8	2.1	7.0	3.9	3.5	3.5	17.1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	118.8	63.9	57.1	70.0	72.7	78.0	75.7	70.7	11.2	14.2
Cagayan	118.8	63.9	57.1	70.0	72.7	78.0	75.7	70.7	11.2	14.2
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1.5	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	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	..	..	..	0.0	0.7
Davao del Norte	..	..	..	..	0.8	..	..	..	0.0	0.7
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	2.4	2.0	..	..	..	0.4	..	..	0.0	1.0
Agusan del Norte	..	..	..	..	..	..	..	..	0.0	1.0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	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 2.8.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Grouper										
Philippines	**10.4**	**12.1**	**34.7**	**9.4**	**10.4**	**14.4**	**11.6**	**6.2**	**5.7**	**4.3**
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	0.6	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	0.7	0.9	1.7	2.7	2.3	0.5	0.6	..
Pangasinan	..	..	24.1	..	..	..	..	..	..	..
Cagayan Valley	1.5	1.3	1.5	1.6	1.8	1.9	2.0	2.3	1.4	0.9
Cagayan	1.5	1.3	1.5	1.6	1.8	1.9	2.0	2.3	1.4	0.9
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	..	1.0	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	1.0	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	8.5	9.0	8.1	6.4	6.3	9.5	7.0	3.4	3.7	3.2
Aklan	8.5	8.9	8.0	6.1	6.0	9.2	7.0	3.3	3.7	3.2
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	0.1	0.2	0.3	0.3	0.3	..	0.1	0.1	0.0
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	0.4	0.6	0.2	0.3	0.3	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	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	..	0.1	0.1
Zamboanga del Norte	..	0.2	0.2	0.2	0.2	0.2	0.2	..	0.1	0.1
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	0.1
Davao del Norte	..	..	..	..	..	..	..	..	..	0.1
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 2.8.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Siganid										
Philippines	**50.9**	**35.4**	**42.1**	**39.2**	**65.7**	**71.9**	**42.7**	**51.7**	**54.6**	**83.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	46.7	31.7	38.8	30.0	39.8	46.6	16.7	18.6	25.3	35.3
Ilocos Norte	42.3	30.6	29.1	28.9	38.5	45.2	15.6	17.4	23.4	34.5
Ilocos Sur	1.4	1.1	1.0	1.2	1.3	1.3	1.1	0.7	0.6	0.5
La Union	..	..	..	..	..	0.0	0.0	0.6	1.3	0.2
Pangasinan	3.0	..	8.7	..	..	..	..	..	..	..
Cagayan Valley	4.0	3.4	3.3	9.2	25.9	25.2	26.0	33.1	29.1	47.9
Cagayan	4.0	3.4	3.3	9.2	25.9	25.2	26.0	33.1	29.1	47.9
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	0.0	..	..	..	0.1	0.1	..	..	0.1	0.2
Aklan	0.0	..	..	..	0.1	0.1	..	..	0.1	0.2
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	..	..	..	..	..	..	..	..	..	0.1
Davao del Norte	..	..	..	..	..	..	..	..	..	0.1
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 2.8.3
AQUACULTURE IN BRACKISHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**7.6**	**6.7**	**19.6**	**13.4**	**10.7**	**11.4**	**2.2**	**1.8**	**1.7**	**4.7**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1.0	0.8	0.8	0.5	0.6	0.7	0.9	1.0	1.5	2.0
Ilocos Norte	..	..	..	..	..	0.1	0.3	0.6	0.9	1.7
Ilocos Sur	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.4	0.4	0.2
La Union	..	..	..	..	..	..	..	..	0.3	0.0
Pangasinan	0.5	0.4	0.3	..	..	..	..	..	..	..
Cagayan Valley	2.4	1.9	1.6	1.4	0.8	1.0	1.0	0.8	0.1	0.2
Cagayan	2.4	1.9	1.6	1.4	0.8	1.0	1.0	0.8	0.1	0.2
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0.9	0.7	0.9	0.3	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	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	2.0	2.9	0.7	0.7	0.8	0.7	0.0	0.0	0.0	0.1
Aklan	2.0	2.9	0.7	0.7	0.8	0.7	0.0	0.0	0.0	0.1
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	..	0.1	0.0
Zamboanga del Norte	..	0.3	0.3	0.4	0.5	0.4	0.3	..	0.1	0.0
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	0.2	..	..	..	0.0	2.4
Davao del Norte	..	..	..	..	0.2	..	..	..	0.0	2.4
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	0.8	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	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 2.8.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	**7.4**	**1.8**	**2.2**	**2.4**	**6.2**	**6.4**	**6.2**	**3.6**	**5.4**	**4.0**
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	2.5	2.6
Ilocos Norte	..	..	0.1	..	..	..	..	..	..	..
Ilocos Sur	..	1.8	2.0	2.1	3.2	3.0	3.0	3.5	2.5	2.6
La Union	4.4	..	..	..	..	..	0.0	0.1	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	3.0	..	..	..	..	..	..	..	..	0.1
Cagayan	..	..	..	..	..	..	..	..	..	0.1
Isabela	3.0	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	0.0	..	0.0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	0.0	..	0.0
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	0.0	0.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	0.0	0.0
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	0.1
Albay	..	..	..	..	..	..	..	..	..	0.1
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	..	0.0	..	0.3	..	0.2	..	..	0.0	0.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	0.0	..	..	..	..	..	..	0.0	..
Leyte	..	..	..	..	..	0.2	..	..	..	0.0
Northern Samar	..	..	..	0.3	..	..	..	..	..	..
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
Davao del Norte	..	..	..	..	..	..	..	..	..	0.1
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	0.1	0.0
North Cotabato	..	..	..	..	..	..	..	..	0.1	0.0
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	0.0	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	0.1	..	0.1	0.2	3.2	..	2.8	0.7
Agusan del Norte	..	..	0.1	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	0.2	3.2	..	2.8	0.7
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	0.1	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	..	..	..	..	..	..	..	..	..	0.3
Basilan	..	..	..	..	..	..	..	..	..	0.3
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 2.8.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**138,838.4**	**140,422.1**	**138,406.1**	**138,010.2**	**139,105.2**	**142,852.2**	**143,336.1**	**142,339.0**	**140,540.7**	**150,929.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	1,667.2	1,827.4	1,644.6	1,761.8	1,822.1	1,853.3	1,858.3	1,756.1	1,853.9	1,803.1
Abra	441.2	465.9	451.6	458.3	481.5	468.4	451.1	413.6	399.1	357.5
Apayao	186.6	186.9	170.7	166.7	180.1	206.2	205.4	174.1	170.0	93.3
Benguet	69.3	73.1	71.9	76.0	77.3	78.4	80.5	81.4	47.4	48.2
Ifugao	700.7	837.6	697.6	799.4	829.5	853.2	873.4	893.4	1,059.4	1,170.4
Kalinga	254.2	247.8	238.6	247.3	239.7	233.2	234.5	182.1	167.1	124.3
Mountain Province	15.2	16.0	14.2	14.2	14.1	14.0	13.5	11.5	10.9	9.5
Ilocos Region	5,542.7	5,221.0	8,434.7	9,142.5	8,480.7	8,431.3	7,822.8	7,556.6	7,180.9	9,740.7
Ilocos Norte	145.8	164.7	216.7	241.6	199.7	207.1	253.9	216.7	290.5	305.5
Ilocos Sur	679.4	664.8	643.8	667.8	706.3	698.2	686.4	515.3	446.3	386.2
La Union	42.4	49.1	47.4	50.5	56.0	61.1	66.6	59.4	69.3	88.4
Pangasinan	4,675.2	4,342.3	7,526.8	8,182.5	7,518.7	7,464.8	6,815.9	6,765.2	6,374.9	8,960.6
Cagayan Valley	7,241.9	7,375.0	5,994.7	7,881.0	8,681.2	8,404.4	8,402.7	7,032.0	7,068.0	7,268.5
Cagayan	1,217.1	1,228.1	801.9	974.7	979.2	567.1	542.0	424.8	361.2	419.5
Isabela	4,582.3	4,587.1	4,045.1	5,477.0	5,890.8	6,009.9	6,097.7	5,429.6	5,329.8	5,226.6
Nueva Vizcaya	989.1	1,051.2	819.6	969.9	1,139.4	1,122.1	1,136.9	728.1	876.9	1,090.0
Quirino	453.5	508.6	328.1	459.4	671.9	705.2	626.1	449.5	500.1	532.4
Central Luzon	117,100.2	118,502.3	114,723.3	111,574.1	110,894.3	115,165.0	117,094.5	117,885.5	117,416.4	122,785.7
Aurora	346.9	288.7	258.8	224.1	198.0	212.9	230.9	367.3	264.6	233.0
Bataan	1,276.4	1,200.1	1,204.8	1,220.8	1,184.3	1,253.7	1,259.5	1,238.0	1,060.6	1,077.8
Bulacan	5,516.1	3,577.0	3,389.2	2,962.8	2,752.6	2,887.4	2,657.3	2,612.6	1,962.5	2,533.4
Nueva Ecija	6,267.0	4,506.2	4,054.4	3,759.6	3,710.1	2,881.3	3,528.0	3,787.3	5,248.0	4,161.6
Pampanga	97,610.5	102,179.2	100,341.3	97,680.6	96,487.0	101,385.4	102,262.2	102,939.2	102,729.4	107,151.9
Tarlac	5,962.6	6,645.6	5,347.5	5,580.4	6,367.1	6,347.4	6,957.7	6,781.1	6,069.4	7,494.1
Zambales	120.7	105.5	127.3	145.9	195.3	197.0	198.9	160.1	81.9	133.8
CALABARZON	1,577.4	1,543.7	1,587.4	1,180.1	1,161.1	921.8	791.2	603.4	470.5	438.9
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	23.1	196.0	100.9	90.5	163.2	309.9	271.2	65.5	102.0	87.6
Laguna	734.2	769.6	728.3	555.1	528.8	537.3	498.9	467.7	12.9	13.0
Quezon	818.9	577.3	757.5	534.5	469.2	74.6	21.0	70.2	355.5	338.3
Rizal	1.3	0.7	0.7	..	..	..	..	..	..	..
MIMAROPA	574.6	569.0	559.0	627.0	675.3	685.4	671.0	292.6	176.0	193.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	31.8	37.0	28.1	33.8	46.3	53.8	55.6	57.0	40.0	43.6
Oriental Mindoro	533.4	519.7	524.9	585.8	621.4	625.1	610.8	232.6	134.5	145.8
Palawan	4.4	4.0	4.0	4.5	5.2	4.0	2.8	1.9	1.3	3.5
Romblon	5.1	8.3	2.0	2.9	2.4	2.6	1.8	1.2	0.3	0.4
Bicol Region	1,663.0	1,443.6	1,510.5	1,553.0	1,715.1	1,721.3	1,699.8	1,632.8	1,279.9	3,362.7
Albay	60.5	59.1	61.0	60.8	62.0	67.8	71.0	104.9	131.1	104.1
Camarines Norte	109.3	144.5	272.7	307.9	355.5	406.5	465.3	525.6	375.7	227.2
Camarines Sur	1,374.5	1,087.5	1,008.3	978.9	1,079.8	1,053.8	972.0	882.6	758.3	3,023.5
Catanduanes	1.2	0.7	1.0	1.5	2.0	2.5	3.1	3.5	1.7	..
Masbate	78.0	108.3	124.9	157.5	166.4	139.0	134.4	71.0	..	..
Sorsogon	39.6	43.6	42.6	46.3	49.4	51.7	53.9	45.3	13.2	7.9
Western Visayas	417.1	577.5	369.5	494.0	819.5	1,032.9	810.4	1,328.7	1,404.2	1,794.6
Aklan	10.2	11.0	11.6	12.7	11.5	18.6	13.9	18.4	19.8	23.4
Antique	64.5	79.5	34.7	34.2	36.6	37.2	37.9	39.3	38.7	20.1
Capiz	57.3	63.3	49.5	63.7	66.9	69.3	64.6	70.8	60.0	66.3
Guimaras	25.2	22.9	18.4	13.1	9.3	5.4	5.7	4.9	5.6	9.6
Iloilo	252.4	393.3	247.3	360.9	685.9	899.9	686.0	1,194.2	1,278.1	1,675.1
Negros Occidental	7.5	7.5	8.1	9.4	9.3	2.6	2.3	1.2	1.9	0.2
Central Visayas	131.6	175.2	153.8	157.5	148.1	123.5	119.2	104.1	113.0	166.9
Bohol	37.1	42.5	56.0	67.0	70.5	68.5	55.2	53.3	41.7	37.9
Cebu	17.0	21.6	18.8	20.2	28.5	30.0	42.8	34.7	48.4	99.0
Negros Oriental	74.5	108.0	78.2	69.7	47.5	23.5	18.1	12.8	20.3	26.9
Siquijor	3.1	3.1	0.9	0.6	1.6	1.4	3.2	3.4	2.6	3.1
Eastern Visayas	198.5	274.8	373.3	290.7	213.8	252.1	166.0	220.7	285.3	170.2
Biliran	4.7	5.7	6.4	4.5	0.2	0.0	0.0	0.0	..	..
Eastern Samar	41.5	58.0	73.2	70.8	41.3	34.6	10.1	0.1	0.1	0.1
Leyte	87.6	80.4	79.4	92.6	132.4	184.4	134.4	200.4	267.3	138.3
Northern Samar	..	3.8	5.3	1.2	..	..	..	..	..	..
Southern Leyte	64.8	126.9	209.0	121.7	39.9	33.1	21.5	20.2	17.8	31.6
Samar	..	..	..	..	..	..	..	..	0.0	0.3
Zamboanga Peninsula	94.6	109.8	112.7	104.4	88.7	66.7	64.2	82.0	69.1	66.0
Zamboanga del Norte	..	7.2	3.7	10.2	12.3	13.6	14.9	17.0	17.9	17.3
Zamboanga del Sur	94.6	102.1	104.0	91.7	75.6	52.6	49.1	61.6	49.9	46.6
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	0.5	5.0	2.5	0.8	0.6	0.2	3.4	1.3	2.1
Northern Mindanao	1,052.7	1,101.5	1,001.8	801.6	994.6	893.2	852.2	970.0	692.1	655.2
Bukidnon	611.9	602.3	511.8	426.1	570.0	419.3	480.4	609.9	345.6	313.6
Camiguin	5.6	2.9	2.8	4.8	3.3	2.7	3.9	5.6	6.2	4.4
Lanao del Norte	314.3	403.6	405.3	286.0	340.7	389.6	325.7	333.7	319.8	318.4
Misamis Occidental	65.7	68.7	67.1	69.9	73.9	74.8	39.6	19.0	19.6	17.8
Misamis Oriental	55.2	24.0	14.7	14.8	6.7	6.9	2.6	1.8	0.9	1.0
Davao Region	720.9	805.3	1,138.3	1,599.6	2,530.2	2,459.8	2,183.8	2,270.4	2,009.5	1,867.7
Davao del Norte	299.2	279.1	301.9	202.6	232.5	140.2	140.3	94.2	253.1	360.1
Davao del Sur	177.4	326.6	585.4	1,151.8	2,044.2	2,104.5	1,856.2	1,963.6	1,520.4	1,274.5
Davao City	129.5	122.4	105.2	96.1	97.1	90.6	90.6	91.1	60.2	52.1
Davao Oriental	19.0	21.4	20.7	17.3	18.4	14.1	9.8	7.0	4.2	4.6
Compostela Valley	95.8	55.8	125.1	131.8	138.0	110.4	86.8	114.6	171.5	176.5
SOCCSKSARGEN	578.8	637.0	544.9	624.7	663.0	626.0	597.0	465.2	377.4	455.4
North Cotabato	323.0	303.7	271.3	299.2	325.6	326.0	315.1	260.3	215.0	258.4
Sarangani	12.6	13.1	5.6	7.3	9.8	9.7	10.3	5.4	3.8	10.0
South Cotabato	120.9	164.2	161.5	202.3	211.0	178.0	156.2	118.9	107.9	151.5
Sultan Kudarat	122.3	155.9	106.6	116.0	116.6	112.4	115.4	80.6	50.6	35.5
Caraga	203.7	178.4	172.0	134.0	132.8	142.2	138.6	74.0	82.7	92.6
Agusan del Norte	13.5	11.1	1.0	0.7	1.1	1.0	1.4	0.8	0.1	0.2
Agusan del Sur	135.2	81.5	59.4	48.7	80.4	86.8	80.6	33.8	27.1	28.0
Dinagat Islands	..	..	..	..	..	..	..	..	0.4	0.5
Surigao del Norte	4.9	5.8	6.2	5.8	5.2	4.6	18.0	15.1	26.0	32.7
Surigao del Sur	50.0	80.0	105.4	78.7	46.2	49.8	38.6	24.3	29.1	31.3
ARMM	73.4	80.8	85.5	84.4	84.8	73.3	64.6	64.9	61.9	68.4
Basilan	..	0.1	0.3	0.3	0.3	0.3	0.3	0.2	..	..
Lanao del Sur	28.8	29.5	30.1	29.6	29.7	17.6	9.5	7.5	2.4	2.5
Maguindanao	44.6	51.3	55.1	54.5	54.8	55.4	54.8	57.2	59.5	65.9
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Carp										
Philippines	**627.1**	**450.6**	**446.6**	**385.4**	**367.6**	**376.3**	**388.8**	**354.6**	**353.0**	**226.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.1	0.1	0.1
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	0.3	0.3	0.3	0.2	0.2	0.2	0.1	..	..	..
Mountain Province	..	..	..	..	0.1	0.2	0.2	0.1	0.1	0.1
Ilocos Region	25.9	18.2	28.8	29.9	30.5	16.2	17.6	15.9	7.3	10.1
Ilocos Norte	..	..	..	..	..	0.0	0.0	0.0	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	25.9	18.2	28.8	29.9	30.5	16.2	17.6	15.9	7.2	10.1
Cagayan Valley	21.8	20.6	10.9	11.1	11.4	11.6	13.7	9.5	12.4	14.6
Cagayan	3.7	3.2	2.8	3.1	2.5	2.8	2.0	1.8	0.9	0.7
Isabela	11.5	11.9	5.9	6.3	6.9	6.3	9.8	6.3	8.0	8.2
Nueva Vizcaya	1.2	1.7	1.2	1.5	2.0	2.3	1.9	1.5	3.5	5.6
Quirino	5.4	3.7	1.0	0.2	0.0	0.2	..	..	0.0	0.1
Central Luzon	119.5	192.0	181.0	198.6	224.5	239.0	245.8	247.9	240.1	103.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0.1	0.2
Nueva Ecija	0.6	1.9	4.7	6.0	1.4	0.0	0.0	..	..	..
Pampanga	74.3	75.9	77.9	74.3	76.6	80.4	84.3	86.2	91.3	96.9
Tarlac	44.1	114.0	98.4	118.3	146.6	158.6	161.4	161.7	148.7	6.1
Zambales	0.4	0.3	..	..	..	..	..	..	..	..
CALABARZON	234.4	20.0	37.7	31.7	3.1	0.2	0.0	0.1	0.2	0.1
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	201.2	..	..	..	..	..	..	..	..	..
Quezon	33.1	20.0	37.7	31.7	3.1	0.2	0.0	0.1	0.2	0.1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	0.0	0.0	0.0	0.0	0.0	0.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	0.0	0.0	0.0	0.0	0.0	0.0
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	1.9	0.6
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	1.9	0.6
Camarines Sur	..	..	..	..	..	..	..	..	0.0	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.2	0.0	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	0.0	..	..	..	..	..	..	..	..
Negros Occidental	0.2	0.0	..	..	..	..	..	..	..	..
Central Visayas	0.4	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.1
Bohol	0.4	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.1
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	0.1	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	0.4	0.6
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	0.3	0.1
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	0.0
Samar	..	..	..	..	..	..	..	..	0.1	0.5
Zamboanga Peninsula	..	..	..	..	1.6	1.5	1.5	..	0.0	0.0
Zamboanga del Norte	..	..	..	..	1.6	1.5	1.5	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	0.0	0.0
Northern Mindanao	204.6	185.3	173.0	92.4	80.8	94.0	92.5	77.2	88.1	92.9
Bukidnon	..	0.0	..	0.3	1.0	0.0	0.0	0.1	0.1	0.1
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	204.6	185.2	172.9	92.0	79.3	92.5	91.6	76.5	87.4	92.2
Misamis Occidental	..	0.1	0.1	0.1	0.4	1.5	0.9	0.6	0.6	0.6
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	3.6	2.8	5.4	14.9	11.7	11.3	14.0	1.7	0.5	0.8
Davao del Norte	2.9	2.2	2.7	2.5	2.7	1.4	3.7	1.5	0.4	0.2
Davao del Sur	..	..	..	11.4	7.6	8.8	9.9	0.2	0.1	0.0
Davao City	..	..	..	..	..	..	..	..	..	0.4
Davao Oriental	..	..	..	..	..	..	..	..	..	0.1
Compostela Valley	0.7	0.6	2.7	1.1	1.4	1.1	0.4	0.0	0.0	0.2
SOCCSKSARGEN	0.1	0.2	0.2	1.3	2.4	1.1	0.6	1.3	1.4	3.3
North Cotabato	..	..	..	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	0.2	0.4	0.0	..	..	0.0	..
Sultan Kudarat	0.1	0.2	0.2	1.0	1.9	1.0	0.6	1.3	1.3	3.3
Caraga	16.5	11.1	9.4	5.4	1.3	1.0	2.8	0.6	0.6	0.4
Agusan del Norte	3.3	0.9	0.1	0.1	0.2	0.0	0.0	0.0	..	0.0
Agusan del Sur	1.5	1.2	2.2	1.7	1.0	0.8	2.6	0.3	..	0.1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.1
Surigao del Sur	11.4	8.8	6.9	3.4	..	..	..	0.2	0.3	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 2.8.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Catfish										
Philippines	**2,664.3**	**2,845.4**	**2,960.0**	**3,117.9**	**3,595.4**	**3,754.0**	**3,625.5**	**3,615.4**	**3,724.0**	**4,136.6**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	0.0	0.0	..	2.2	0.9	0.9	0.6	0.0	0.1
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	0.0	0.0	..	1.8	..	..	..	0.0	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	0.3	0.9	0.9	0.6	..	0.1
Mountain Province	..	..	..	..	0.1	0.0	0.0	..	..	..
Ilocos Region	19.9	8.2	15.3	5.1	5.4	15.2	14.7	12.6	0.5	0.9
Ilocos Norte	..	0.0	..	0.0	0.0	0.0	0.0	0.1	0.1	0.4
Ilocos Sur	..	..	..	..	..	..	..	0.0	0.0	0.2
La Union	0.7	1.2	1.2	1.1	1.2	1.2	1.2	1.0	0.3	0.2
Pangasinan	19.2	7.0	14.1	4.0	4.2	14.0	13.5	11.5	0.0	0.2
Cagayan Valley	72.5	68.6	46.7	43.8	171.7	194.1	152.3	137.1	110.7	126.2
Cagayan	8.1	7.9	7.3	8.2	8.9	8.1	7.0	5.7	4.7	4.9
Isabela	60.8	58.5	36.5	33.1	160.3	183.9	143.6	128.4	102.3	118.4
Nueva Vizcaya	1.2	1.6	1.1	1.3	1.8	2.1	1.8	3.0	3.8	2.8
Quirino	2.4	0.7	1.8	1.1	0.7	0.1	..	0.0	0.0	0.1
Central Luzon	1,140.7	976.1	1,057.8	1,011.4	1,159.1	1,396.7	1,478.6	1,357.3	1,307.7	1,534.4
Aurora	0.3	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	0.2	0.6
Bulacan	600.9	298.0	286.9	255.6	292.5	331.3	326.0	268.2	362.8	344.3
Nueva Ecija	168.1	263.4	355.2	348.5	373.5	559.2	624.7	647.4	466.4	522.8
Pampanga	317.5	337.3	356.5	336.3	358.5	377.3	392.1	397.3	420.5	449.7
Tarlac	46.3	58.3	26.0	24.4	99.6	103.4	113.0	21.3	19.0	55.9
Zambales	7.7	19.1	33.3	46.6	35.1	25.5	22.8	23.2	38.9	161.0
CALABARZON	143.0	137.5	125.6	129.5	124.0	129.3	193.9	213.3	226.7	280.0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	137.0	136.1	125.6	129.5	124.0	129.2	193.9	213.3	226.0	279.9
Quezon	0.2	0.1	..	0.1	0.0	0.1	0.0	0.0	0.8	0.1
Rizal	5.7	1.3	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	0.0	0.0	0.0	0.0	0.1	0.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	0.0	0.0	0.0	0.0	0.0	0.0
Palawan	..	..	..	..	..	..	..	..	0.1	0.1
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	159.2	130.2	114.0	102.1	120.0	113.1	103.8	94.4	75.5	54.9
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	1.3	0.0
Camarines Sur	157.9	129.7	114.0	102.1	120.0	113.1	103.8	94.4	74.1	54.9
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	1.3	0.5	..	..	..	..	..	..	..	..
Western Visayas	436.1	684.9	684.7	1,006.6	1,130.5	1,000.6	709.8	822.8	963.3	1,008.5
Aklan	1.4	2.1	2.4	2.4	3.2	7.7	6.9	5.3	6.7	8.1
Antique	14.2	14.0	5.6	4.7	5.2	5.5	4.7	4.2	2.6	0.7
Capiz	26.1	27.6	20.5	23.1	24.1	23.7	22.4	24.1	21.8	26.2
Guimaras	10.5	10.4	6.9	4.4	3.0	1.4	2.2	1.8	2.6	5.4
Iloilo	341.6	593.1	622.2	941.9	1,050.5	904.1	610.9	724.0	716.5	944.9
Negros Occidental	42.4	37.7	27.0	30.1	44.5	58.4	62.8	63.6	213.1	23.1
Central Visayas	1.3	3.1	8.6	5.7	0.1	0.2	..	0.0	0.2	0.6
Bohol	1.3	3.1	8.6	5.7	0.1	0.2	..	0.0	0.2	0.1
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	0.5
Siquijor	..	0.0	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	2.9	5.2	5.4	4.4	..	0.5	0.5	0.6
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	2.9	5.2	5.4	4.4	..	0.5	0.5	0.5
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	0.0	0.0	..
Samar	..	..	..	..	..	..	..	..	..	0.1
Zamboanga Peninsula	..	10.5	2.8	5.9	7.9	6.1	6.9	0.1	..	0.1
Zamboanga del Norte	..	8.0	2.8	5.9	7.9	6.1	6.9	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	0.1
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	2.5	..	0.0	0.0	0.0	0.0	0.1	..	0.0
Northern Mindanao	7.6	5.1	1.3	1.6	5.6	18.4	4.9	9.1	4.0	20.0
Bukidnon	5.8	3.8	1.2	1.5	5.4	18.2	4.8	9.0	3.4	19.4
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.6	0.5
Misamis Oriental	1.7	1.2	..	..	..	..	..	..	..	..
Davao Region	340.3	459.7	563.0	435.4	448.9	413.3	487.7	516.5	621.9	638.9
Davao del Norte	11.8	12.7	15.2	9.8	16.4	12.1	17.0	9.1	9.3	16.4
Davao del Sur	..	..	..	7.3	7.5	13.7	27.9	23.2	34.8	39.1
Davao City	250.5	306.4	286.9	295.3	348.4	369.8	402.4	464.7	560.9	555.8
Davao Oriental	3.3	3.8	4.0	1.4	0.4	0.2	..	0.0	0.0	0.0
Compostela Valley	74.6	136.8	256.8	121.7	76.1	17.6	40.4	19.6	17.0	27.7
SOCCSKSARGEN	228.2	240.1	204.4	232.3	280.8	327.0	335.8	313.7	274.7	321.9
North Cotabato	66.4	82.9	80.9	107.3	131.6	133.6	138.4	147.8	126.5	150.1
Sarangani	0.2	..	..	..	..	..	..	..	..	..
South Cotabato	137.1	137.7	111.4	120.1	143.4	154.3	151.6	120.3	117.6	132.6
Sultan Kudarat	24.6	19.5	12.1	4.9	5.8	39.2	45.9	45.7	30.7	39.2
Caraga	2.4	0.8	1.2	0.2	0.3	0.1	0.1	0.0	..	0.7
Agusan del Norte	0.1	..	0.3	0.0	..	..	..	..	..	0.0
Agusan del Sur	0.1	0.1	0.5	0.2	0.3	0.1	0.1	0.0	..	0.0
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	2.2	0.7	0.4	..	..	..	..	..	..	0.7
ARMM	113.2	120.8	131.9	133.2	133.4	134.6	136.0	137.2	138.3	149.0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	113.2	120.8	131.9	133.2	133.4	134.6	136.0	137.2	138.3	149.0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gourami										
Philippines	**98.5**	**170.6**	**175.0**	**166.9**	**183.5**	**114.7**	**125.5**	**143.1**	**110.1**	**180.6**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	2.5	2.1	4.3	1.3	1.5	4.3	4.5	4.1	0.8	1.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	0.0	0.0
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	2.5	2.1	4.3	1.3	1.5	4.3	4.5	4.1	0.8	1.2
Cagayan Valley	1.3	1.2	1.2	1.3	0.7	0.8	0.0	0.0	0.0	0.1
Cagayan	1.2	1.2	1.2	1.3	0.7	0.8	0.0	0.0	0.0	0.1
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	0.1	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	92.4	164.2	166.3	160.4	177.8	107.0	118.5	137.1	106.8	178.5
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	0.0
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	31.3	50.5	60.0	40.0	75.0	..	..	..	..	..
Pampanga	55.2	61.8	59.4	61.9	67.2	70.9	67.9	63.9	65.4	72.9
Tarlac	5.9	51.9	46.9	58.5	35.6	36.1	50.6	73.2	41.3	105.6
Zambales	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	..	..	..	..	..	..	..	..	..	0.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	0.0
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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	1.5	1.4	1.7	2.1	2.2	1.9	1.9	1.4	2.3	0.8
Davao del Norte	1.5	1.4	1.7	2.1	2.2	1.9	1.9	1.4	2.3	0.6
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	0.1
SOCCSKSARGEN	0.8	1.7	1.5	1.7	1.2	0.6	0.6	0.3	0.2	0.2
North Cotabato	..	..	..	0.4	0.7	0.4	0.3	0.2	0.1	0.1
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	0.0	0.1
Sultan Kudarat	0.8	1.7	1.5	1.3	0.6	0.2	0.3	0.1	0.0	0.0
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 2.8.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mudfish										
Philippines	**1,048.5**	**750.2**	**817.1**	**875.6**	**915.4**	**902.3**	**1,157.2**	**1,026.1**	**859.6**	**935.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	0.0	0.2	..	..	..	..	0.1	0.0	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	0.0	0.1	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	0.1	..	..	..	..	0.1	0.0	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	37.7	39.9	48.6	56.8	54.2	41.1	32.8	44.9	36.4	39.9
Ilocos Norte	..	0.0	..	..	..	0.0	0.0	0.0	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	0.2	0.2	0.3
La Union	3.0	3.8	4.1	4.1	3.9	3.6	4.9	15.5	6.5	0.1
Pangasinan	34.7	36.1	44.6	52.7	50.2	37.5	27.9	29.1	29.6	39.5
Cagayan Valley	30.9	38.0	26.6	33.3	39.8	39.0	30.6	21.4	18.4	18.4
Cagayan	5.4	10.1	10.6	11.8	14.7	13.5	9.9	8.3	5.8	5.6
Isabela	20.5	23.7	13.6	17.3	22.3	22.7	18.1	11.4	8.6	10.0
Nueva Vizcaya	1.6	2.1	1.7	2.0	2.6	2.8	2.6	1.7	4.0	2.8
Quirino	3.4	2.1	0.8	2.3	0.1	0.0	0.0	0.0	0.0	0.0
Central Luzon	754.1	445.9	509.7	567.9	623.8	631.1	879.2	756.8	604.2	733.0
Aurora	0.0	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	0.1	0.4
Bulacan	4.0	..	..	..	..	..	..	..	0.1	0.3
Nueva Ecija	481.3	80.0	105.1	109.2	96.6	69.6	79.5	65.1	0.2	0.1
Pampanga	198.8	235.0	247.4	259.4	275.4	291.9	305.6	322.2	350.8	365.2
Tarlac	58.8	115.9	112.2	170.1	233.5	249.4	471.1	344.5	213.7	317.3
Zambales	11.2	15.0	45.0	29.2	18.3	20.2	23.0	25.0	39.3	49.7
CALABARZON	41.9	26.6	4.0	0.2	0.3	1.3	0.1	0.1	0.3	0.1
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	41.9	26.6	4.0	0.2	0.3	1.3	0.1	0.1	0.3	0.1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	0.1	0.2	0.2	0.1	0.0	0.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	0.1	0.2	0.2	0.1	0.0	0.0
Palawan	..	..	..	..	..	..	..	..	0.0	0.0
Romblon	..	..	..	..	..	..	..	..	..	0.0
Bicol Region	..	..	..	..	..	..	..	..	2.1	0.1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	2.1	..
Camarines Sur	..	..	..	..	..	..	..	..	..	0.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	0.1	..	..	..	..	..	..	..	0.0
Central Visayas	0.0	0.2	0.2	0.3	0.4	0.7	0.4	0.2	0.1	0.8
Bohol	0.0	0.2	0.2	0.3	0.4	0.7	0.4	0.2	0.1	0.8
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	0.4	0.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	0.4	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	0.1
Zamboanga Peninsula	36.5	39.7	59.2	49.8	43.0	45.7	42.5	35.8	29.9	26.0
Zamboanga del Norte	..	..	..	..	..	..	..	..	0.1	..
Zamboanga del Sur	36.5	39.7	59.2	49.8	43.0	45.7	42.5	35.8	29.8	26.0
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	0.0	0.0	0.0	0.0	0.0	..	0.0
Northern Mindanao	58.4	65.9	64.7	55.4	61.4	47.4	58.0	64.1	61.1	49.1
Bukidnon	19.1	22.6	26.7	26.7	36.8	19.3	22.7	34.8	39.3	26.9
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	33.8	37.2	32.2	26.7	22.5	26.1	33.3	28.6	21.1	21.7
Misamis Occidental	5.5	6.2	5.8	2.0	2.1	2.0	2.0	0.7	0.7	0.6
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	29.2	33.2	38.1	61.6	40.1	31.7	47.3	42.6	52.4	21.9
Davao del Norte	27.8	30.8	35.3	28.3	29.8	15.5	23.7	16.0	27.6	15.9
Davao del Sur	0.0	0.0	0.0	30.5	8.0	11.5	19.0	19.0	19.0	0.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	0.7	0.7	0.5	0.2	0.0	..	0.0	0.0	0.0
Compostela Valley	1.5	1.6	2.1	2.2	2.1	4.7	4.5	7.6	5.8	6.0
SOCCSKSARGEN	36.8	57.1	62.7	48.2	51.2	62.3	64.6	59.8	54.1	45.4
North Cotabato	19.2	35.4	44.9	31.3	27.5	43.2	43.6	39.2	42.8	34.6
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	0.1	0.5	0.5	0.7	1.0	1.2	1.9	2.1	1.9	5.1
Sultan Kudarat	17.5	21.3	17.3	16.2	22.7	17.9	19.1	18.5	9.4	5.7
Caraga	5.7	3.4	3.1	2.0	1.0	1.6	1.6	0.3	0.2	0.1
Agusan del Norte	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..	0.0
Agusan del Sur	2.2	0.8	1.5	0.8	1.0	1.6	1.6	0.3	0.1	0.1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	0.1	0.1	..	..	..	..	..	..	0.0	0.1
Surigao del Sur	3.4	2.5	1.6	1.1	..	..	..	..	..	..
ARMM	17.2	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	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 2.8.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Freshwater prawn										
Philippines	**34.5**	**27.5**	**2.8**	**2.9**	**4.5**	**5.8**	**3.4**	**2.5**	**1.6**	**1.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	0.0	0.0	0.0	0.0	..	0.0	0.0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	0.0	0.0	0.0	0.0	..	0.0	0.0
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	1.4	0.2	0.2	0.6	4.1	3.9	1.8	1.4	1.0	1.0
Cagayan	0.2	0.1	0.2	0.2	0.3	0.4	0.0	..	..	..
Isabela	..	0.1	..	..	3.8	3.1	1.8	1.4	1.0	0.8
Nueva Vizcaya	1.1	..	0.0	..	..	..	..	..	..	..
Quirino	0.1	0.1	..	0.3	0.0	0.3	..	0.0	..	0.3
Central Luzon	25.9	21.5	..	0.1	..	..	..	..	0.2	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	0.3	..	..	..	..	..	..	..	..	..
Nueva Ecija	25.6	21.4	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	0.2	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	0.0	..	0.1	..	..	..	..	..	..
CALABARZON	0.7	0.7	0.6	0.2	0.1	1.5	1.4	0.9	0.0	0.0
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	0.0	0.0
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1.0	1.1	1.0	1.1	..	..	..	..	..	0.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	1.0	1.1	1.0	1.1	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	0.0
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.5	0.1	0.0	..	0.3	0.2	0.2	0.2	0.2	0.3
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	0.5	0.0	0.0	..	0.3	0.2	0.2	0.2	0.2	0.3
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	0.1	..	..	..	..	..	..	..	..	..
Iloilo	..	0.1	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	5.0	4.0	1.1	0.9	..	0.2	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	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	..	..	..	..	..	..	..	..	0.2	0.0
Bukidnon	..	..	..	..	..	..	..	..	0.0	..
Camiguin	..	..	..	..	..	..	..	..	0.0	..
Lanao del Norte	..	..	..	..	..	..	..	..	0.2	0.0
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	..	..	..	..	..	..	..	..	..	0.0
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	0.0
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 2.8.4
AQUACULTURE IN FRESHWATER FISHPOND: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**79.6**	**56.0**	**102.9**	**83.8**	**83.4**	**120.0**	**97.9**	**85.1**	**61.0**	**50.9**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	1.4	1.7	3.2	1.5	1.4	0.9	..	..	0.1
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	..	..	..	0.1
Mountain Province	..	..	..	1.2	0.1	0.0	..	..	..	0.0
Ilocos Region	19.9	10.1	0.9	..	0.2	0.3	0.6	0.2	0.3	1.2
Ilocos Norte	..	0.0	..	..	..	0.0	0.0	0.0	0.0	0.1
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0.0	..	..	..	0.2	0.3	0.3	0.0	..	0.1
Pangasinan	19.9	10.1	0.9	..	..	..	0.2	0.2	0.3	1.1
Cagayan Valley	8.1	35.2	25.3	14.3	26.1	26.1	15.5	8.0	5.1	6.5
Cagayan	0.1	7.1	9.0	11.6	12.2	12.2	6.4	4.0	2.6	2.9
Isabela	4.5	25.6	14.8	2.4	13.8	13.3	9.1	3.5	1.8	1.6
Nueva Vizcaya	3.5	2.5	1.5	..	..	..	..	0.3	0.6	1.8
Quirino	..	..	..	0.4	0.2	0.6	0.1	0.1	0.2	0.1
Central Luzon	46.6	5.4	20.7	18.0	19.9	35.8	32.8	33.8	11.4	3.7
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	0.1
Bulacan	24.0	..	..	..	..	..	..	..	6.5	3.0
Nueva Ecija	0.1	0.1	..	..	..	..	..	..	..	..
Pampanga	4.2	4.6	17.5	17.8	18.5	19.4	19.2	18.1	4.5	..
Tarlac	17.4	..	3.1	..	0.0	15.1	12.5	14.9	0.2	0.0
Zambales	1.0	0.8	0.2	0.2	1.3	1.4	1.1	0.7	0.2	0.7
CALABARZON	..	..	0.6	2.6	2.7	2.8	3.8	3.5	3.5	0.5
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	0.6	2.6	2.7	2.8	3.8	3.5	3.5	0.5
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	16.0	38.0	36.2	34.7	32.0	30.8
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	16.0	38.0	36.2	34.7	32.0	30.8
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	4.4	2.6	5.4	10.7	5.0	1.8	1.6	1.5	1.1	1.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	4.4	2.5	1.7	2.0	2.1	1.8	1.6	1.5	1.1	1.0
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	0.1	..	..	2.9	0.1	..	..	..	..
Negros Occidental	..	0.0	3.7	8.7	..	..	..	..	0.0	..
Central Visayas	..	..	..	..	0.0	0.7	0.7	..	..	..
Bohol	..	..	..	..	0.0	0.7	0.7	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	8.0	..	..	..	..	..	0.2	0.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	8.0	..	..	..	..	..	0.2	0.0
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	0.0	0.0
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	0.1	0.0	0.0	0.1	0.0	..	0.0	0.0	0.0
Bukidnon	0.0	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	..	0.7	0.5	4.2	2.0	5.6	1.0	0.2	0.1	0.5
Davao del Norte	..	..	0.2	0.4	0.6	0.1	..	0.1	0.0	0.3
Davao del Sur	..	..	..	0.0	0.0	..	..	0.0	..	0.0
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	0.7	..	0.1	..	..	..	0.0	0.0	0.1
Compostela Valley	..	..	0.3	3.7	1.5	5.5	1.0	0.1	0.1	0.1
SOCCSKSARGEN	0.5	0.4	31.4	27.3	9.4	7.5	4.9	3.2	7.3	6.4
North Cotabato	..	..	..	0.7	1.6	3.3	3.2	1.9	1.7	1.2
Sarangani	..	..	..	..	..	..	..	..	5.0	4.6
South Cotabato	..	..	26.8	20.9	3.8	1.9	1.0	0.8	0.1	0.2
Sultan Kudarat	0.5	0.4	4.6	5.8	4.0	2.3	0.7	0.5	0.5	0.4
Caraga	0.1	0.2	2.3	3.4	0.5	0.0	0.0	0.0	0.1	0.3
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	..	..	..	0.0	..
Surigao del Sur	0.1	0.0	..	..	..	..	..	0.0	0.0	0.3
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 2.8.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	**30,326.4**	**27,038.9**	**26,434.7**	**28,084.6**	**27,762.1**	**27,216.4**	**26,492.2**	**24,709.2**	**23,935.0**	**32,026.8**
NCR	1,939.3	1,183.1	1,054.0	1,176.2	1,155.0	1,211.6	1,174.3	1,164.4	1,992.7	11,025.8
Metro Manila	1,939.3	1,183.1	1,054.0	1,176.2	1,155.0	1,211.6	1,174.3	1,164.4	1,992.7	11,025.8
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	1.1	0.7
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	1.1	0.7
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0.0	..	..	..	..	..	..	..	..	..
Aurora	0.0	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	21,556.6	18,852.3	18,538.9	19,852.3	20,267.4	20,666.9	19,958.5	20,196.9	19,978.6	19,468.0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	239.8	224.0	205.0	210.2	205.8	212.7	138.9	108.2	83.9	58.7
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	21,316.8	18,628.3	18,334.0	19,642.1	20,061.6	20,454.2	19,819.6	20,088.7	19,894.7	19,409.2
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	..	..	..	..	..	..	..	..	..	..
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	..	..	..	..	..	..	..	..	..	1.5
Davao del Norte	..	..	..	..	..	..	..	..	..	1.5
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	6,020.6	6,059.2	5,544.2	5,770.9	5,073.3	4,064.4	4,073.9	2,040.4	638.0	99.5
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	6,020.6	6,059.2	5,544.2	5,770.9	5,073.3	4,064.4	4,073.9	2,040.4	638.0	99.5
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	809.9	944.3	1,297.6	1,285.2	1,266.4	1,273.6	1,285.5	1,307.6	1,324.6	1,431.4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	809.9	944.3	1,297.6	1,285.2	1,266.4	1,273.6	1,285.5	1,307.6	1,324.6	1,431.4
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**21,119.6**	**21,512.3**	**21,533.4**	**22,268.2**	**21,379.5**	**21,904.8**	**21,358.6**	**21,460.3**	**17,604.1**	**17,753.4**
NCR	..	..	..	..	..	..	..	..	4.4	10.8
Metro Manila	..	..	..	..	..	..	..	..	4.4	10.8
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.9	1.9	1.9
Ilocos Norte	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.4	0.6	0.8
Ilocos Sur	..	..	..	..	..	..	..	0.5	0.6	0.4
La Union	0.0	0.0	..	..	..	..	..	..	0.7	0.7
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0.3	..	..	..	..	..	..	..	..	..
Aurora	0.3	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	11,997.3	11,538.1	11,652.8	12,283.9	12,495.0	12,809.7	12,348.5	12,414.7	9,793.2	9,735.1
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	601.3	551.9	512.2	514.9	496.9	510.5	464.3	368.5	105.5	39.1
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	11,396.0	10,986.2	11,140.7	11,769.0	11,998.1	12,299.3	11,884.2	12,046.3	9,687.8	9,695.9
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	33.3	7.0	8.2	11.4	13.4	7.1	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	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	1.4	1.5
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	0.3	1.4	1.6	1.5	1.4	1.2	1.1	1.4	1.5
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	19.9	25.5	47.5	16.5	19.4	3.8	0.0	0.8	0.4	3.3
Davao del Norte	19.0	25.5	47.5	16.5	19.4	3.8	0.0	0.8	0.4	3.3
Davao del Sur	0.8	..	0.0	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	5,659.5	6,377.4	6,041.1	6,197.2	5,002.1	4,047.1	3,940.9	3,353.0	2,036.3	2,033.3
North Cotabato	1.1	0.8	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	5,658.3	6,376.6	6,041.1	6,197.2	5,002.1	4,047.1	3,940.9	3,353.0	2,036.3	2,033.3
Caraga	0.3	..	..	..	..	3.5	1.2	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	1.2	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	0.3	..	..	..	..	3.5	..	..	..	..
ARMM	3,408.7	3,563.7	3,781.4	3,757.3	3,847.0	5,032.0	5,066.7	5,689.7	5,766.6	5,967.4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	14.6	15.1	16.7	16.8	16.2	13.1	..	2.2	2.6	2.5
Maguindanao	3,394.0	3,548.6	3,764.7	3,740.5	3,830.8	5,019.0	5,066.7	5,687.5	5,764.0	5,964.9
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Carp										
Philippines	**17,941.2**	**13,451.1**	**14,548.1**	**15,181.7**	**15,550.4**	**16,051.9**	**14,788.7**	**14,659.7**	**15,071.1**	**13,018.1**
NCR	..	..	..	..	..	..	..	..	1.0	..
Metro Manila	..	..	..	..	..	..	..	..	1.0	..
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	17,928.8	13,438.1	14,548.1	15,181.7	15,550.4	16,051.9	14,788.7	14,659.7	15,070.1	13,018.1
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	127.0	125.0	114.6	115.0	112.5	115.3	101.8	99.0	90.5	27.1
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	17,801.8	13,313.2	14,433.6	15,066.7	15,438.0	15,936.6	14,686.9	14,560.7	14,979.6	12,991.0
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
Davao del Norte	..	..	..	..	..	..	..	..	..	0.0
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	12.3	13.0	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	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 2.8.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Catfish										
Philippines	**0.0**	**..**	**0.0**	**..**	**..**	**0.1**	**..**	**0.4**	**0.2**	**6.8**
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	..	..	..	..	..	..	..	..	..	..
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	..	..	0.1	..	..	..	0.0
Davao del Norte	0.0	..	0.0	..	..	0.1	..	..	..	0.0
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	6.6
North Cotabato	..	..	..	..	..	..	..	..	..	6.6
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	0.2	0.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	0.4	0.2	0.1
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.5
AQUACULTURE IN FRESHWATER FISH PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**0.4**	**0.1**	**..**	**3.2**	**3.7**	**3.4**	**3.9**	**3.7**	**0.4**	**0.4**
NCR	..	..	..	..	..	..	..	..	0.3	0.0
Metro Manila	..	..	..	..	..	..	..	..	0.3	0.0
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	0.1	0.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	0.1	0.1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	0.0	..	..	..	..	..	..	..	..	..
Aurora	0.0	..	..	..	..	..	..	..	..	..
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	..	0.1	..	..	..	..	..	..	..	..
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	0.3	..	..	..	0.3	..	..	..	..	0.3
Davao del Norte	0.3	..	..	..	0.3	..	..	..	..	0.3
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	..	..	..	..	..	..	..	..	..	..
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 2.8.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	**14,105.7**	**16,074.2**	**16,351.4**	**14,165.3**	**13,755.9**	**14,957.7**	**10,395.8**	**14,075.3**	**12,948.4**	**13,874.1**
NCR	..	..	..	..	..	..	..	5.6	..	..
Metro Manila	..	..	..	..	..	..	..	5.6	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	0.3	0.3	0.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	0.3	0.3	0.2
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	14,026.2	16,010.9	16,277.8	14,104.8	13,695.7	14,897.2	10,331.9	14,004.4	12,879.8	13,800.5
Batangas	14,020.6	16,010.9	16,277.8	14,104.8	13,695.7	14,897.2	10,331.9	14,004.4	12,879.8	13,800.5
Cavite	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	..	..	..	..	..	..	1.9	1.1	2.7	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	1.9	1.1	2.7	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	53.1	54.9	60.7	60.5	60.2	60.5	62.1	63.9	65.7	73.4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	53.1	54.9	60.7	60.5	60.2	60.5	62.1	63.9	65.7	73.4
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**81,747.9**	**83,748.8**	**84,556.9**	**82,527.2**	**85,160.8**	**88,536.7**	**75,771.9**	**78,788.9**	**83,185.1**	**80,443.9**
NCR	369.1	278.3	365.7	390.1	389.1	413.7	400.0	398.2	289.2	168.3
Metro Manila	369.1	278.3	365.7	390.1	389.1	413.7	400.0	398.2	289.2	168.3
CAR	1,528.1	1,459.5	971.9	911.0	915.8	936.9	959.4	936.0	1,109.6	1,193.4
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	0.5	1.7	0.1	..	0.2	0.6	..	..	..	..
Benguet	227.2	239.1	234.3	246.1	247.7	258.9	272.3	274.3	250.6	270.5
Ifugao	1,300.4	1,218.6	737.5	662.2	665.2	674.5	684.0	658.5	857.4	921.3
Kalinga	0.1	0.0	0.1	0.1	0.0	0.1	..	..	..	..
Mountain Province	0.0	0.0	0.0	2.7	2.7	2.9	3.1	3.2	1.7	1.6
Ilocos Region	48.6	36.6	37.2	24.8	14.5	15.0	14.5	48.5	49.8	71.0
Ilocos Norte	27.9	20.4	21.9	13.1	3.4	3.8	3.9	42.1	43.8	67.3
Ilocos Sur	17.9	12.6	11.3	10.7	11.2	11.2	10.6	6.3	5.6	3.5
La Union	2.8	3.6	4.0	1.0	..	..	..	..	0.4	0.2
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	976.9	943.0	390.4	266.6	382.2	338.6	263.6	287.8	362.3	351.8
Cagayan	49.5	9.2	1.8	5.4	3.6	3.4	2.8	1.8	0.6	1.4
Isabela	922.3	923.5	386.3	257.8	371.7	325.9	258.5	285.1	361.0	349.1
Nueva Vizcaya	5.1	6.1	2.4	3.3	6.9	6.4	2.2	0.9	0.7	1.4
Quirino	..	4.2	..	..	..	2.9	..	..	..	..
Central Luzon	5.9	..	0.6	0.9	39.3	31.9	19.5	19.0	12.3	11.4
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	5.9	..	0.6	0.9	39.3	31.9	19.5	19.0	12.3	11.4
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	67,636.7	71,149.4	73,020.4	71,478.0	73,803.9	77,292.7	64,536.5	68,089.1	72,393.3	70,628.9
Batangas	56,277.3	60,330.2	62,994.5	61,271.9	63,665.9	66,129.9	55,582.0	58,723.5	63,887.5	60,888.0
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	8,944.7	9,114.1	8,399.9	8,464.5	8,314.5	9,212.2	7,136.6	7,226.3	7,636.4	8,928.6
Quezon	469.4	46.3	35.9	48.1	87.6	166.3	99.2	200.6	70.5	54.3
Rizal	1,945.3	1,658.8	1,590.2	1,693.5	1,735.9	1,784.3	1,718.7	1,938.7	798.9	758.0
MIMAROPA	..	..	..	..	..	..	..	5.7	..	0.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	5.7	..	0.7
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	9,037.1	7,873.3	7,706.3	7,568.0	7,792.7	7,805.4	7,826.7	6,934.0	6,566.1	6,308.9
Albay	1,799.8	1,991.3	1,981.8	1,976.2	2,066.4	2,149.5	2,198.5	1,688.9	1,816.0	1,610.7
Camarines Norte	34.9	37.8	..	..	..	..	..	..	..	..
Camarines Sur	7,202.4	5,844.2	5,724.6	5,591.8	5,726.3	5,655.9	5,628.2	5,245.1	4,750.2	4,698.1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	0.3	2.1	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	0.3	2.1	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	9.5	7.8	10.5	6.0	7.8	8.4	6.7	4.3	2.6	9.4
Bohol	1.5	1.5	1.0	0.8	2.6	2.1	1.7	0.9	1.9	8.9
Cebu	7.8	6.2	8.7	3.8	4.6	5.5	2.3	1.7	0.8	0.6
Negros Oriental	0.3	0.1	0.7	1.4	0.6	0.8	2.8	1.7	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	81.9	38.2	40.1	44.7	50.4	65.9	34.2	21.2	10.9	5.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	81.9	38.2	40.1	44.7	50.4	65.9	34.2	21.2	9.7	4.7
Northern Samar	..	..	..	..	..	..	..	..	1.2	0.7
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	0.6	1.7	16.3	4.7	2.6	..	0.4	0.1	0.1
Bukidnon	..	0.6	1.7	16.3	4.7	2.6	..	0.4	0.1	0.1
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	3.1	2.2	2.2	1.5	1.8	3.3	7.9	8.4	1.7	3.0
Davao del Norte	1.5	0.6	0.5	0.3	0.6	3.0	0.6	0.4	0.0	0.1
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	1.6	1.7	1.8	1.2	1.1	0.4	7.3	8.0	1.7	2.9
SOCCSKSARGEN	1,765.3	1,660.3	1,729.1	1,537.2	1,485.6	1,394.5	1,456.9	1,696.9	2,040.1	1,311.8
North Cotabato	..	..	4.0	6.3	9.8	0.4	0.9	..	..	0.3
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	1,759.4	1,652.5	1,721.6	1,527.5	1,471.6	1,390.8	1,453.0	1,692.9	2,037.8	1,308.8
Sultan Kudarat	5.9	7.8	3.5	3.4	4.2	3.3	3.0	3.9	2.4	2.7
Caraga	108.3	119.7	90.3	89.1	81.0	33.4	52.1	140.4	143.1	149.7
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	108.3	117.4	87.2	87.5	79.3	31.5	41.4	102.4	102.3	118.8
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	2.3	3.0	1.7	1.8	2.0	10.7	38.0	40.8	30.9
ARMM	177.2	178.1	190.4	192.9	192.1	194.5	194.0	198.9	204.0	230.0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	5.8	6.0	6.3	6.2	6.1	7.2	6.2	5.2	1.4	1.2
Maguindanao	171.4	172.1	184.1	186.7	186.0	187.3	187.7	193.7	202.6	228.8
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

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

Table 2.8.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Carp										
Philippines	**2,158.8**	**1,783.0**	**1,707.5**	**1,758.5**	**1,761.5**	**1,823.2**	**1,571.7**	**1,855.7**	**1,422.7**	**1,342.9**
NCR	65.2	63.6	79.5	84.8	84.9	90.1	87.3	86.7	48.6	4.0
Metro Manila	65.2	63.6	79.5	84.8	84.9	90.1	87.3	86.7	48.6	4.0
CAR	..	..	..	..	..	..	..	..	0.0	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	0.0	..
Ilocos Region	..	..	..	..	..	..	..	..	0.1	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	0.1	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	2,076.9	1,702.5	1,613.7	1,661.5	1,667.3	1,720.2	1,471.3	1,756.1	1,362.0	1,324.0
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	933.9	883.4	839.5	833.6	812.8	849.2	622.1	794.6	1,057.6	1,075.5
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	1,143.0	819.1	774.2	827.9	854.6	871.0	849.2	961.6	304.4	248.5
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	16.7	17.0	14.3	12.0	9.3	12.9	13.1	12.8	12.0	14.9
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	16.7	17.0	14.3	12.0	9.3	12.9	13.1	12.8	12.0	14.9
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	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	0.0	0.0	..
SOCCSKSARGEN	..	..	..	0.2	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	0.2	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	0.0	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	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 2.8.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Catfish										
Philippines	**4.4**	**4.9**	**2.8**	**..**	**0.2**	**0.1**	**0.4**	**1.1**	**2.2**	**1.5**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	0.0	0.4	1.1	1.3	1.4
Ilocos Norte	..	..	..	..	..	0.0	0.4	0.4	0.5	0.9
Ilocos Sur	..	..	..	..	..	..	..	0.8	0.8	0.6
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	4.2	3.5	2.7	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	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	0.9	0.0
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	0.0	..	..	..	..	0.0	0.9	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 2.8.6
AQUACULTURE IN FRESHWATER FISH CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**0.7**	**0.0**	**3.3**	**0.6**	**3.8**	**2.7**	**2.5**	**2.1**	**10.4**	**37.2**
NCR	..	..	..	..	..	..	..	..	9.5	37.0
Metro Manila	..	..	..	..	..	..	..	..	9.5	37.0
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	0.0	0.0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	0.0	0.0
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	..	..	..	0.0	0.0
Davao del Norte	..	..	0.6	..	..	..	..	..	..	0.0
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	0.0	0.0	..	..	..	0.0	0.0
SOCCSKSARGEN	..	0.0	2.7	0.3	2.4	2.3	2.5	2.1	0.9	0.1
North Cotabato	..	..	2.6	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	0.0	0.1	0.3	2.4	2.3	2.5	2.1	0.9	0.1
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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	**21,997.7**	**21,390.3**	**26,680.2**	**21,535.8**	**23,878.9**	**22,240.1**	**14,244.5**	**11,139.5**	**11,301.8**	**11,013.9**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	11,068.8	10,209.9	14,024.7	11,305.7	12,298.5	12,112.0	14,084.1	10,901.4	11,025.4	10,488.5
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	11,068.8	10,209.9	14,024.7	11,305.7	12,298.5	12,112.0	14,084.1	10,901.4	11,025.4	10,488.5
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	32.0	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	32.0	..	..	..	..	..	..	..	..	..
CALABARZON	513.7	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	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	..	..	36.0	162.1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	69.0	147.9	191.6	188.1	122.2	..	..	36.0	162.1
Sorsogon	..	..	1.9	6.3	..	..	..	..	..	..
Western Visayas	1,075.0	1,160.4	899.9	921.9	562.9	216.4	120.2	233.4	187.3	275.6
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	730.7	878.7	310.2	309.1	197.8	84.5	..	..	..	..
Guimaras	0.8	0.9	2.3	1.5	..	..	..	..	..	..
Iloilo	255.4	185.1	311.1	309.9	255.3	56.7	..	62.0	8.4	9.5
Negros Occidental	88.1	95.8	276.4	301.4	109.8	75.2	120.2	171.4	178.9	266.1
Central Visayas	51.3	93.8	144.9	35.2	35.0	34.6	3.3	3.3	16.2	7.0
Bohol	2.3	1.5	2.9	1.3	8.2	13.3	2.3	3.3	14.4	3.3
Cebu	49.0	92.3	95.4	19.9	5.1	7.0	1.0	..	1.8	2.8
Negros Oriental	..	..	46.7	14.0	21.7	14.3	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	1.0
Eastern Visayas	10.0	8.5	31.9	31.8	18.2	22.5	9.2	0.3	0.3	0.7
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	0.3	0.7
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	15.7	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	15.7	..	..	..	..	..	..	..	..	..
Davao Region	9,230.6	9,848.8	11,429.1	9,043.3	10,776.3	9,732.4	27.6	1.2	36.7	73.5
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	9,222.6	9,848.2	11,429.1	9,042.3	10,772.3	9,731.4	27.2	..	36.5	73.5
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	8.0	0.6	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	1.0	4.0	1.1	0.4	1.2	0.3	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	0.6	0.1	..	..	..	..	..	..	..	6.5
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	0.6	0.1	..	..	..	..	..	..	..	6.5
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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**..**	**0.3**	**..**	**..**	**..**	**..**	**..**	**..**	**1.0**	**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	..	..	..	..	..	..	..	..	..	..
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	..	..	..	..	..	..	1.0	0.0
Bohol	..	0.1	..	..	..	..	..	..	1.0	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	..	0.2	..	..	..	..	..	..	0.0	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	0.0	..
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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tiger prawn										
Philippines	..	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	..	..	..	..	..	..	..	..	..	..
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	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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mudcrab										
Philippines	..	..	..	..	..	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	..	..	..	..	..	..	..	..	..	..
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	..	..	..	..
Bohol	..	..	..	..	..	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	..	..	..	..	..	..	..	..	..	..
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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Endeavor prawn										
Philippines	..	..	..	..	..	..	..	..	**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	..	..	..	..	..	..	..	..	..	..
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	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	0.0	..
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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Grouper										
Philippines	**108.3**	**86.7**	**23.0**	**13.4**	**4.5**	**0.0**	**0.1**	**0.3**	**0.3**	**0.5**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	4.0	1.2	..	..	..	..	..	0.2	0.2	0.4
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	0.2	0.2	0.4
Pangasinan	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	1.7	0.7	..	0.0	..	0.0	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	1.7	0.7	..	..	..	0.0	..	..	..	..
Negros Oriental	..	..	..	0.0	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	0.0	0.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	0.0	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	..	..	..	0.1	0.0	..	0.1	0.1	0.1	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	0.1	0.0	..	0.1	0.1	0.1	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	95.5	78.9	22.5	11.9	4.5	..	..	..	..	0.1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	0.0
Surigao del Norte	92.8	78.7	22.5	11.9	4.3	..	..	..	..	..
Surigao del Sur	2.7	0.2	..	..	0.2	..	..	..	..	0.1
ARMM	7.2	5.8	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Siganid										
Philippines	**55.3**	**47.5**	**40.7**	**17.0**	**5.5**	**3.7**	**0.7**	**0.7**	**0.0**	**0.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1.4	..	..	..	..	0.0	..	..	..	0.2
Ilocos Norte	..	..	..	..	..	0.0	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	0.2
Pangasinan	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	..	..	..	0.2	..	0.2	..	0.2	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	0.2	..	0.2	..	0.2	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	31.6	32.0	31.5	10.7	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	31.6	32.0	31.5	10.7	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.2	0.3	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	0.2	0.3	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	0.1	0.4	0.2	..	0.1	0.2	0.0	0.1
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	0.1	0.4	0.2	..	0.1	0.2	0.0	0.1
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	22.0	15.3	9.1	5.6	5.3	3.5	0.6	0.3	..	0.1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	13.9	13.5	9.1	5.6	4.7	3.5	0.6	0.3	..	..
Surigao del Sur	8.2	1.8	..	..	0.7	..	..	..	..	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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Spiny lobster										
Philippines	**53.6**	**45.3**	**6.6**	**4.8**	**5.3**	**4.1**	**4.7**	**4.0**	**3.6**	**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	..	..	..	..	..	..	..	..	..	..
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	53.2	44.9	6.2	4.4	4.8	3.6	4.3	3.5	3.6	4.2
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	3.5	4.1
Surigao del Norte	52.7	44.8	6.2	4.4	4.8	3.6	4.3	3.5	..	..
Surigao del Sur	0.5	0.1	..	..	..	..	..	..	0.1	0.0
ARMM	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	..	..
Basilan	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 2.8.7
AQUACULTURE IN MARINE PEN: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**6.6**	**4.0**	**3.3**	**1.6**	**5.0**	**3.5**	**6.4**	**4.2**	**0.4**	**0.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	0.2	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	0.2	..
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	0.9	0.4	..	..	..	..	..	..	..	..
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	0.9	0.4	..	..	..	..	..	..	..	..
Central Visayas	0.0	..	0.5	0.2	0.5	0.8	0.5	0.9	0.1	0.4
Bohol	..	..	..	0.1	..	..	..	..	..	..
Cebu	0.0	..	0.5	0.1	0.5	0.8	0.5	0.9	0.1	0.4
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	0.0	0.2	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	0.0	0.2	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	0.0	0.1	..	..	2.4	0.2	0.0	0.3
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	2.4	..	..	0.3
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	0.0	0.1	..	..	0.0	0.2	0.0	0.0
SOCCSKSARGEN	..	..	..	..	..	..	..	..	..	..
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	4.4	2.1	1.5	..	3.1	1.1	1.9	1.6	0.1	0.1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3.6	2.1	1.5	..	2.1	1.1	1.9	1.6	..	..
Surigao del Sur	0.8	..	..	..	1.0	..	..	..	0.1	0.1
ARMM	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	..	..
Basilan	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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	**58,367.4**	**57,762.5**	**60,519.2**	**82,422.4**	**88,811.4**	**100,477.9**	**110,003.1**	**104,923.7**	**105,848.4**	**106,357.8**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	41,482.1	38,104.9	40,812.6	60,829.2	63,501.5	72,134.1	80,824.9	74,577.0	76,133.7	75,513.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	178.9	140.4	41.0	184.5	176.7	220.5	58.4	11.9	56.3	95.6
Pangasinan	41,303.3	37,964.5	40,771.6	60,644.7	63,324.8	71,913.7	80,766.6	74,565.1	76,077.4	75,417.6
Cagayan Valley	..	..	0.0	..	..	..	..	..	..	..
Cagayan	..	..	0.0	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2,459.4	2,112.6	2,529.4	3,356.1	4,306.0	5,674.8	8,238.5	7,483.1	8,025.7	13,163.6
Aurora	13.5	6.7	..	..	..	6.6	2.7	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	2,445.9	2,106.0	2,529.4	3,356.1	4,306.0	5,668.3	8,235.8	7,483.1	8,025.7	13,163.6
CALABARZON	1.4	..	..	..	..	46.2	4.1	7.0	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	1.0	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	0.4	..	..	..	..	46.2	4.1	7.0	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	2.0	1.2	2.4	1.3	26.5	392.0	82.9	54.7	26.1	0.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	7.5	..
Oriental Mindoro	..	..	..	..	..	..	..	1.2	..	..
Palawan	2.0	1.2	..	..	..	..	..	..	..	..
Romblon	..	..	2.4	1.3	26.5	392.0	82.9	53.5	18.7	0.3
Bicol Region	..	..	1.0	0.7	0.2	0.7	0.1	0.3	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	1.0	0.7	0.2	0.7	0.1	0.3	..	..
Western Visayas	13.7	12.1	115.3	145.1	146.2	70.7	63.6	88.0	205.9	308.6
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	3.5	3.0	36.3	76.3	91.6	56.4	51.0	88.0	203.0	302.0
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	10.3	9.1	79.1	68.8	54.7	14.3	12.6	..	2.9	6.6
Central Visayas	742.2	543.7	552.5	428.7	553.4	763.2	775.0	710.6	451.2	286.2
Bohol	19.8	27.2	83.5	104.5	110.2	116.7	129.6	92.2	90.0	84.7
Cebu	193.2	232.3	222.6	129.6	241.6	241.8	309.6	381.8	114.5	90.7
Negros Oriental	517.3	281.4	245.7	194.5	201.6	404.4	333.4	236.5	245.2	108.9
Siquijor	11.8	2.9	0.7	..	..	0.3	2.5	..	1.6	2.0
Eastern Visayas	7,390.2	6,689.0	5,313.6	4,435.5	4,125.7	3,077.1	128.7	151.8	178.6	232.2
Biliran	10.8	15.5	..	16.1	8.6	9.5	2.2	..	56.8	8.5
Eastern Samar	3,064.6	2,086.3	951.8	944.3	257.5	211.5	..	..	..	..
Leyte	907.4	1,188.3	1,224.2	1,284.6	1,417.8	683.6	..	5.1	23.8	15.0
Northern Samar	192.3	182.6	182.5	159.4	126.0	124.7	125.0	119.7	91.1	36.9
Southern Leyte	214.2	194.0	34.7	13.2	49.2	18.2	1.5	..	7.0	21.4
Samar	3,001.0	3,022.2	2,920.5	2,018.0	2,266.5	2,029.6	..	27.0	..	150.4
Zamboanga Peninsula	..	..	..	0.3	0.3	0.5	1.4	..	50.0	63.5
Zamboanga del Norte	..	..	..	..	..	..	..	..	50.0	63.5
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	0.3	0.3	0.5	1.4	..	..	..
Northern Mindanao	456.8	1,317.8	1,990.2	2,330.9	2,313.9	1,926.6	2,735.1	2,402.7	3,160.9	3,628.5
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	1.7	1.1	3.2	0.3	2.2	1.3
Lanao del Norte	..	..	30.8	64.6	67.7	116.1	71.6	51.3	94.0	98.0
Misamis Occidental	..	0.0	4.3	18.0	47.0	235.5	438.0	542.5	455.6	391.1
Misamis Oriental	456.8	1,317.8	1,955.1	2,248.3	2,197.6	1,573.9	2,222.4	1,808.6	2,609.0	3,138.1
Davao Region	4,233.0	7,435.1	6,861.1	8,288.5	11,040.9	13,567.6	14,134.7	17,476.0	16,164.6	11,834.2
Davao del Norte	562.1	2,333.7	1,984.2	1,648.5	1,680.1	1,976.9	2,945.5	3,252.2	2,782.4	2,891.3
Davao del Sur	3,666.0	5,039.3	4,699.4	6,272.3	8,860.4	10,663.9	10,133.9	13,268.9	12,399.5	8,105.0
Davao City	..	38.0	153.5	271.3	403.7	778.5	896.6	814.1	865.7	754.7
Davao Oriental	..	2.9	..	53.9	15.3	17.7	22.1	73.7	56.2	31.7
Compostela Valley	4.9	21.2	24.0	42.5	81.4	130.7	136.6	67.2	60.9	51.5
SOCCSKSARGEN	1,362.0	1,377.3	2,021.1	2,274.7	2,455.6	2,508.6	2,357.8	1,392.1	551.6	56.0
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	499.3	559.3	680.4	873.6	1,000.1	838.1	806.4	720.8	391.5	56.0
South Cotabato	862.6	818.0	1,340.7	1,401.0	1,455.5	1,670.5	1,551.5	671.3	160.1	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	224.5	168.8	308.5	315.9	337.6	315.6	656.4	580.3	899.7	1,271.6
Agusan del Norte	210.2	140.0	138.5	160.2	225.5	258.3	530.8	491.5	729.5	823.1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	2.8
Surigao del Norte	..	..	..	..	1.4	2.0	56.2	58.5	65.8	49.8
Surigao del Sur	14.4	28.8	169.9	155.7	110.7	55.3	69.4	30.4	104.5	396.0
ARMM	..	..	11.5	15.4	3.6	..	..	..	0.3	..
Basilan	..	..	11.5	15.4	3.6	..	..	..	0.3	..
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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**0.1**	**7.5**	**7.2**	**2.0**	**7.0**	**0.1**	**..**	**..**	**1.4**	**8.0**
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	..	..	..	..	..	..	..	..	..	0.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	0.0
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	0.2	..	..	..	..	..	..	0.2	1.4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	0.2	..	..	..	..	..	..	0.2	1.4
Central Visayas	0.1	..	0.2	1.3	0.8	..	..	..	1.2	..
Bohol	..	..	0.2	1.3	0.8	..	..	..	1.2	..
Cebu	0.1	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	7.3	7.0	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	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	..	..	..	..	..	..	..	..	..	6.6
Basilan	..	..	..	..	..	..	..	..	..	6.6
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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tiger prawn										
Philippines	..	0.1	..	..	..	..	..	..	0.2	..
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	..	..	..	..	..	..	..	..	..	..
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	..	..	..	..	..	..	..	..	0.2	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	0.2	..
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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mudcrab										
Philippines	**6.9**	**9.6**	**1.2**	**..**	**..**	**0.1**	**..**	**..**	**..**	**2.6**
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	..	..	..	..	..	..	..	..	..	2.6
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	2.6
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	6.8	9.0	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	6.8	9.0	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.2	0.6	1.2	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Grouper										
Philippines	**2,453.1**	**775.4**	**141.5**	**183.1**	**167.6**	**214.3**	**244.7**	**235.0**	**146.4**	**190.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	7.1	3.8	..	..	..	..	0.1	0.3	0.5	0.8
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	0.1	0.3	0.5	0.8
Pangasinan	7.1	3.8	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1.0	1.0	0.6	0.7	0.5	0.7	0.5	0.2	2.6	2.6
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	1.0	1.0	0.6	0.7	0.5	0.7	0.5	0.2	2.6	2.6
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	2,244.2	444.1	0.9	0.4	0.3	0.1	0.1	0.1	0.0	0.2
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	0.0	0.2
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	4.5	5.9	10.1	11.5	13.7	17.2	16.7	7.4	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	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	20.3	22.9	51.2	50.8	59.5	101.2	166.8	180.4	105.0	160.5
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	10.2	11.2	9.6	11.0	10.9	11.7	15.1	18.3	18.9	32.7
Guimaras	..	..	..	..	..	..	..	..	0.1	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	10.0	11.7	41.6	39.9	48.6	89.5	151.7	162.1	86.0	127.8
Central Visayas	2.5	4.7	..	0.0	0.0	0.2	..	..	0.9	2.0
Bohol	0.3	2.3	..	..	..	..	..	..	0.9	2.0
Cebu	2.0	2.4	..	0.0	0.0	0.1	..	..	..	..
Negros Oriental	0.1	..	..	0.0	..	0.1	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	116.4	137.0	..	..	1.9	4.5	2.5	1.6	3.9	2.8
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	116.4	137.0	..	..	..	..	..	..	..	..
Leyte	..	0.0	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	..	..	..	..	1.9	4.5	2.5	1.6	3.9	2.8
Zamboanga Peninsula	27.6	125.4	61.2	111.0	90.3	89.8	56.8	43.2	33.0	21.3
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	4.1	4.3	4.2	4.4	4.2	1.2	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	23.4	121.1	56.9	106.7	86.1	88.6	56.8	43.2	33.0	21.3
Northern Mindanao	..	0.1	0.2	..	0.2	0.5	0.8	1.8	0.3	0.2
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	0.8	..	..
Misamis Occidental	..	0.1	0.2	..	0.2	0.5	0.5	0.2	0.3	0.2
Misamis Oriental	..	..	..	..	..	..	0.3	0.8	..	..
Davao Region	4.3	0.7	..	0.9	0.3	0.1	0.4	..	0.0	0.0
Davao del Norte	..	0.3	..	0.9	0.3	0.1	0.1	..	..	0.0
Davao del Sur	4.3	0.4	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	0.3	..	0.0	..
SOCCSKSARGEN	1.2	1.7	1.2	..	..	..	..	0.0	0.0	0.1
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	1.2	1.7	1.2	..	..	..	..	0.0	0.0	0.1
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	23.5	22.8	16.2	7.8	1.1	..	..	..	..	0.0
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	23.5	22.7	16.2	7.8	1.1	..	..	..	..	0.0
Surigao del Sur	..	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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Siganid										
Philippines	**47.1**	**53.5**	**49.2**	**34.8**	**35.0**	**62.5**	**63.5**	**77.6**	**63.8**	**45.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1.0	..	6.0	..	..	0.9	1.6	1.2	0.5	0.5
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	0.7	0.5	0.5
La Union	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	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	0.1	0.2	0.2	0.1	0.1	0.1	..	0.1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	0.1	0.2	0.2	0.1	0.1	0.1	..	0.0
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	0.0
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	0.8	1.2	1.0	3.2	3.2	2.6	2.2	0.1	0.5	1.1
Bohol	0.1	..	0.8	2.0	1.0	1.5	1.3	..	0.1	1.1
Cebu	0.3	0.8	0.2	0.0	0.1	0.0	..	0.0	0.0	..
Negros Oriental	0.3	..	..	0.1	0.1	0.1	0.7	0.1	0.3	0.0
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	3.2	3.8	3.9	4.4	4.2	0.3	..	..	0.3	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	3.2	3.8	3.9	4.4	4.2	0.3	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	0.0	..	..	..	..	..	..	..	0.3	..
Northern Mindanao	0.1	0.2	0.3	2.4	1.3	1.2	1.2	1.8	1.5	1.7
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	1.2	1.8	1.5	1.7
Misamis Occidental	..	..	0.3	0.0	..	1.2	..	0.1	..	..
Misamis Oriental	0.1	0.2	..	2.4	1.3	..	..	..	..	..
Davao Region	20.3	31.4	16.8	15.2	21.5	52.6	58.2	73.1	60.0	41.6
Davao del Norte	1.8	3.5	5.8	5.3	19.1	33.6	23.3	13.8	5.7	5.4
Davao del Sur	17.9	27.9	10.9	7.4	0.6	18.1	34.2	50.7	46.5	29.4
Davao City	..	..	..	2.0	..	..	..	..	..	..
Davao Oriental	..	..	..	..	1.8	0.4	0.2	5.5	5.6	6.1
Compostela Valley	0.6	..	..	0.4	0.0	0.5	0.4	3.2	2.2	0.6
SOCCSKSARGEN	..	..	1.0	0.6	..	..	..	..	0.8	0.2
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	1.0	0.6	..	..	..	..	..	0.2
South Cotabato	..	..	..	..	..	..	..	..	0.8	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	21.7	17.0	16.0	8.5	4.6	4.4	0.4	1.3	0.2	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	16.4	16.7	13.8	8.4	4.6	4.3	0.4	1.3	0.2	..
Surigao del Sur	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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Spiny lobster										
Philippines	**18.3**	**18.5**	**82.4**	**63.1**	**32.9**	**8.5**	**4.7**	**4.8**	**6.1**	**7.8**
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	0.1	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	0.1	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	0.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	0.0
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	..	..	..	..	..	..	..	..	0.2	0.2
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	0.2	0.2
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	0.0
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	0.0
Samar	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	0.1	..	..	..	..	..	0.5	1.1
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	0.1	..	..	..	..	..	0.5	1.1
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	18.2	18.5	11.7	8.8	7.4	8.5	4.7	4.8	5.4	6.5
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	0.9	1.0
Surigao del Norte	16.3	17.9	11.7	8.8	7.4	8.5	4.7	4.8	4.6	5.6
Surigao del Sur	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 2.8.8
AQUACULTURE IN MARINE CAGE: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**532.6**	**399.0**	**1,168.2**	**1,074.2**	**1,370.7**	**808.9**	**396.6**	**365.5**	**191.1**	**159.0**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	4.2	4.3	5.9	9.4	13.5	13.9	11.1	6.5	2.2	1.6
Ilocos Norte	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	0.5	0.3
La Union	2.6	2.9	4.6	7.4	11.7	12.2	9.4	6.0	1.6	1.3
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	8.3	8.3	9.7	10.2	..	4.4	2.1	5.6	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	8.3	8.3	9.7	10.2	..	4.4	2.1	5.6	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	2.8	..	..	..	..	0.8	0.3	0.4	1.4	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	2.8	..	..	..	..	0.8	0.3	0.4	1.4	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	0.1	537.9	441.0	594.1	84.5	59.4	58.2	41.5	14.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	0.5	2.2	1.7	1.3	1.5	1.8	1.3	1.6
Oriental Mindoro	..	..	..	..	..	..	..	0.8	..	0.1
Palawan	..	0.1	537.4	438.8	592.5	83.2	57.9	55.7	40.2	12.9
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	5.5	7.2	9.6	10.4	8.5	13.7	12.0	18.1	34.7	18.5
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	5.5	7.2	9.6	10.4	8.5	13.7	12.0	18.1	34.7	18.5
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	5.7	8.5	8.9	9.8	22.7	20.2	23.9	25.0	28.3	114.9
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	0.5	2.8	3.8	4.2	4.3	4.6	4.8	6.9	6.2	7.5
Guimaras	1.0	..	..	..	..	..	..	..	0.3	0.3
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	4.2	5.7	5.1	5.7	18.5	15.6	19.1	18.1	21.8	107.1
Central Visayas	18.2	2.6	27.2	5.7	7.7	12.4	7.1	20.6	8.7	6.4
Bohol	0.2	1.9	24.6	3.7	5.0	7.3	5.8	6.0	7.5	5.8
Cebu	0.8	0.6	2.6	2.0	2.7	5.1	1.3	14.6	1.2	0.5
Negros Oriental	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	3.4	3.3	7.3	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	3.4	3.3	7.3	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	..	..	..	0.0	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	0.0	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	137.6	2.2	1.1	1.1	1.5	2.3	4.8	9.4	6.2	2.2
Davao del Norte	0.4	1.8	1.0	1.0	0.7	0.5	2.2	0.2	0.5	0.2
Davao del Sur	137.2	0.5	..	..	..	..	0.2	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	0.1	0.1	0.8	1.8	2.4	9.2	5.8	2.1
SOCCSKSARGEN	345.8	361.4	123.9	179.1	231.9	267.9	267.5	216.5	66.6	0.7
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	345.8	361.4	123.9	179.1	231.9	267.9	267.5	216.5	66.6	0.7
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	1.2	..	..	..	6.8	9.2	4.9	1.6	1.6	0.0
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	0.0
Surigao del Norte	..	..	..	..	6.8	9.2	4.8	1.6	1.6	0.0
Surigao del Sur	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 2.8.9
AQUACULTURE OF OYSTER, MUSSEL, SEAWEED: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Oyster										
Philippines	**20,174.8**	**19,930.6**	**22,525.5**	**21,461.8**	**20,648.4**	**22,069.8**	**22,355.2**	**20,260.8**	**19,512.4**	**22,944.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	5,440.7	4,979.2	6,868.2	4,268.0	1,532.8	1,714.8	1,335.1	1,187.7	1,391.4	1,131.1
Ilocos Norte	1.0	1.1	1.0	0.7	0.1	0.4	0.5	0.6	0.5	0.8
Ilocos Sur	23.1	28.3	25.0	25.4	25.7	25.5	25.9	30.4	27.1	24.4
La Union	443.7	364.0	345.3	342.8	304.4	321.9	461.2	443.9	691.3	496.9
Pangasinan	4,972.8	4,585.8	6,496.9	3,899.1	1,202.6	1,367.1	847.5	712.9	672.5	609.0
Cagayan Valley	531.0	527.2	713.5	617.8	547.6	598.3	585.2	628.0	643.3	689.0
Cagayan	531.0	527.2	713.5	617.8	547.6	598.3	585.2	628.0	643.3	689.0
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	3,562.0	3,425.6	4,059.4	4,508.7	4,952.4	5,263.6	5,182.9	5,294.3	4,323.1	6,934.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	10.3	12.2	14.1	12.7	11.2	11.3	10.5	8.0	..	..
Bulacan	3,551.7	3,413.4	4,045.3	4,495.9	4,941.2	5,252.3	5,172.4	5,286.3	4,323.1	6,934.3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	705.3	676.7	977.5	995.8	1,428.6	1,941.2	1,489.6	569.7	454.8	209.3
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	705.3	673.2	975.8	994.4	1,426.8	1,938.9	1,487.8	565.9	454.3	204.2
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	3.5	1.7	1.3	1.8	2.3	1.8	3.7	0.5	5.1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	16.3	..	..	4.1	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	16.3	..	..	4.1	..	..	..	..	..	..
Western Visayas	8,502.7	8,820.9	8,281.7	9,623.5	10,865.2	11,199.4	12,252.8	11,134.1	11,409.6	12,336.7
Aklan	374.7	234.9	273.6	323.0	411.1	475.5	571.4	599.8	638.3	712.7
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	5,852.1	6,009.8	6,109.5	6,504.3	6,871.9	6,863.4	6,718.7	5,452.8	6,857.0	7,343.2
Guimaras	7.4	5.9	3.0	2.1	4.9	2.1	1.3	1.1	1.6	2.7
Iloilo	1,425.2	1,517.4	904.0	1,315.0	1,661.1	1,878.7	1,738.2	2,343.0	2,500.6	2,886.2
Negros Occidental	843.3	1,053.0	991.6	1,479.1	1,916.2	1,979.7	3,223.2	2,737.4	1,412.2	1,392.0
Central Visayas	440.4	444.2	591.1	720.3	743.6	815.7	971.3	910.8	769.0	890.2
Bohol	404.2	399.8	393.5	420.2	394.1	313.8	726.4	582.6	444.7	432.8
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	36.2	44.4	197.6	300.1	349.5	501.9	244.9	328.2	324.3	457.4
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	33.1	34.0	44.1	48.4	46.8	41.7	..	..	0.9	0.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	1.5	6.1	3.9	0.6	0.0	..	..	..	0.9	0.1
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	31.7	27.9	40.2	47.8	46.8	41.7	..	..	..	..
Zamboanga Peninsula	572.3	633.5	713.9	382.2	226.8	198.7	196.7	232.2	298.9	434.8
Zamboanga del Norte	91.0	98.1	122.4	129.3	132.4	136.2	150.0	157.2	160.9	188.3
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	481.3	535.4	591.6	252.9	94.3	62.5	46.7	75.0	138.0	246.6
Northern Mindanao	2.1	3.1	1.0	1.1	1.8	0.4	..	..	0.0	0.1
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	2.1	3.1	1.0	1.1	1.8	0.4	..	..	0.0	0.1
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	368.9	386.2	275.1	292.1	302.8	295.9	341.6	304.3	221.4	318.9
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	368.9	386.2	275.1	292.1	302.8	295.9	341.6	304.3	221.4	318.9
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 2.8.9
AQUACULTURE OF OYSTER, MUSSEL, SEAWEED: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mussel										
Philippines	**23,017.2**	**19,936.5**	**20,876.8**	**22,442.7**	**25,660.4**	**22,894.2**	**18,761.8**	**15,949.1**	**18,774.6**	**19,208.6**
NCR	103.0	139.9	136.0	256.0	263.3	247.2	281.5	253.6	534.8	638.1
Metro Manila	103.0	139.9	136.0	256.0	263.3	247.2	281.5	253.6	534.8	638.1
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	833.9	777.2	653.8	791.1	728.0	644.8	470.8	399.7	448.3	445.0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	833.9	777.2	653.8	791.1	728.0	644.8	470.8	399.7	448.3	445.0
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2,290.4	2,069.4	1,717.9	1,438.3	1,008.0	1,014.1	890.5	525.2	435.8	401.6
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	2,290.4	2,069.4	1,717.9	1,438.3	1,008.0	1,014.1	890.5	525.2	435.8	401.6
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	7,300.6	4,297.2	5,494.0	6,435.5	8,060.9	7,124.4	4,044.9	3,435.5	2,434.2	3,121.4
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	7,300.6	4,297.2	5,494.0	6,435.5	8,060.9	7,124.4	4,044.9	3,435.5	2,434.2	3,121.4
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	10.0	6.0	..	..	..	..	..	..	..	214.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	10.0	6.0	..	..	..	..	..	..	..	214.6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	117.8	..	..	12.2	272.1	283.8	284.5	322.2	404.9	439.6
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	117.8	..	..	12.2	272.1	283.8	284.5	322.2	404.9	439.6
Western Visayas	9,030.3	9,200.4	9,162.6	9,000.7	8,508.8	8,524.2	8,130.8	6,645.5	8,065.0	9,548.6
Aklan	517.7	459.6	445.4	378.4	445.8	360.6	285.6	153.6	105.2	84.8
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	7,576.7	7,702.5	7,371.9	7,538.7	7,753.8	7,804.0	7,273.1	6,112.4	7,573.1	9,032.4
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	15.8	3.2	..	0.1	0.5	..	..	..	..
Negros Occidental	936.0	1,022.5	1,342.1	1,083.6	309.0	359.2	572.1	379.4	386.7	431.5
Central Visayas	..	..	..	..	..	..	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	3,329.4	3,446.1	3,712.4	4,508.1	6,809.7	5,055.6	4,658.7	4,367.4	6,451.0	4,389.3
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	1.6	4.2	5.7	1.0	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar	3,329.4	3,444.5	3,708.2	4,502.4	6,808.7	5,055.6	4,658.7	4,367.4	6,451.0	4,389.3
Zamboanga Peninsula	0.9	0.3	..	..	..	..	..	..	..	..
Zamboanga del Norte	0.9	0.3	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	0.9	0.1	0.1	0.8	9.8	..	..	0.1	0.4	0.1
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	0.9	0.1	0.1	0.8	9.8	..	..	0.1	0.4	0.1
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	0.2	10.4
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	10.4
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	0.2	..
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 2.8.9
AQUACULTURE OF OYSTER, MUSSEL, SEAWEED: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Seaweed										
Philippines	**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**	**1,404,519.0**	**1,415,321.0**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	141.8	190.0	178.2	195.7	69.0	58.2	35.0	26.5	26.0	30.4
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1.1	1.1	0.2	..	..	0.1	0.0	0.8	0.0	3.6
Pangasinan	140.7	188.9	178.0	195.7	69.0	58.1	34.9	25.7	26.0	26.7
Cagayan Valley	2,349.6	2,272.8	2,007.1	1,798.7	1,138.8	2,423.9	527.2	266.5	196.9	81.6
Cagayan	2,349.6	2,272.8	2,007.1	1,798.7	1,138.8	2,423.9	527.2	266.5	196.9	81.6
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	215.2	177.9	373.2	789.3	1,195.5	1,596.5	2,368.5	1,827.5	300.2	143.9
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	50.0	2.5	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	165.2	175.4	373.2	789.3	1,195.5	1,596.5	2,368.5	1,827.5	300.2	143.9
CALABARZON	44,180.2	60,990.9	44,437.2	46,832.2	45,131.0	41,413.3	32,617.7	23,492.7	3,642.0	827.6
Batangas	868.8	1,410.0	1,450.6	1,370.5	547.9	1,013.0	192.3	116.2	110.9	30.1
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	43,311.4	59,580.9	42,986.6	45,461.7	44,583.2	40,400.2	32,425.4	23,376.5	3,531.1	797.5
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	447,143.4	450,937.2	461,159.9	483,190.8	458,527.5	340,691.3	361,352.6	395,125.8	312,922.6	325,915.7
Marinduque	403.2	403.5	422.4	302.3	269.5	213.2	162.8	90.1	72.9	66.9
Occidental Mindoro	1,805.2	1,938.2	2,548.6	2,555.1	2,478.3	2,718.6	3,117.5	3,254.8	786.8	401.2
Oriental Mindoro	110.0	80.3	56.5	64.6	249.7	281.4	277.9	112.5	41.8	30.8
Palawan	444,355.4	447,752.7	456,145.6	477,185.5	451,926.4	334,736.3	354,128.2	387,680.3	311,524.6	324,654.4
Romblon	469.6	762.5	1,986.9	3,083.3	3,603.8	2,741.8	3,666.2	3,988.3	496.6	762.5
Bicol Region	50,649.3	52,684.8	56,861.5	58,842.0	61,503.5	61,089.9	59,863.8	55,382.1	34,199.5	36,985.5
Albay	..	..	501.6	766.5	673.4	591.9	596.1	215.1	196.6	194.8
Camarines Norte	27,044.0	28,741.9	31,129.3	32,962.4	35,545.6	36,841.7	36,205.2	34,547.2	19,080.0	20,460.0
Camarines Sur	21,653.2	22,810.2	23,883.4	23,888.9	23,996.2	22,394.2	21,800.9	19,016.4	13,379.0	14,578.3
Catanduanes	2.2	4.7	6.0	4.0	..	1.1	2.9	6.6	..	..
Masbate	905.9	1,043.1	1,165.4	1,169.3	1,245.1	1,221.8	1,161.7	1,219.4	1,170.1	1,201.4
Sorsogon	1,044.0	84.8	175.9	50.9	43.2	39.3	96.9	377.4	373.7	551.0
Western Visayas	50,347.6	54,256.4	67,893.8	72,865.0	71,712.5	65,173.5	77,466.9	80,572.1	81,800.3	83,541.9
Aklan	3.8	..	22.7	5.6	3.1	1.9	10.5	..	2.6	11.3
Antique	47,692.6	52,450.8	66,682.1	71,462.8	70,146.4	63,632.3	76,686.3	80,018.2	81,087.0	82,523.2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1,474.9	1,641.4	1,140.6	1,355.1	1,552.9	1,518.4	748.9	530.8	685.8	803.3
Iloilo	1,064.9	62.5	34.6	27.0	2.9	16.4	18.4	20.2	6.3	178.0
Negros Occidental	111.5	101.8	13.8	14.5	7.2	4.4	2.9	2.9	18.6	26.0
Central Visayas	111,117.0	121,273.2	130,135.9	137,871.5	136,159.1	124,247.4	104,943.5	96,588.6	88,737.4	64,549.0
Bohol	105,641.6	113,794.6	121,220.3	126,715.9	124,947.9	114,046.7	99,753.0	88,372.5	81,310.4	53,875.0
Cebu	4,350.7	6,721.4	7,928.0	9,915.3	10,398.6	9,788.6	4,742.9	7,965.9	7,128.1	10,019.4
Negros Oriental	1,096.5	739.2	972.0	1,215.5	776.0	367.3	408.3	225.0	289.4	639.5
Siquijor	28.2	18.0	15.7	24.8	36.5	44.9	39.3	25.2	9.6	15.1
Eastern Visayas	20,959.9	22,919.6	24,645.2	31,939.6	34,172.1	27,884.6	17,925.8	18,513.5	18,411.3	30,952.1
Biliran	1.7	..	1.3	0.2	0.1	0.0	..	..	..	..
Eastern Samar	3,944.5	4,753.1	5,460.2	10,740.0	12,326.8	11,181.1	0.2	73.1	176.8	235.6
Leyte	16,119.6	17,313.6	18,172.6	21,016.9	21,541.6	16,331.8	17,571.8	18,085.4	17,949.0	30,436.6
Northern Samar	..	8.5	12.7	181.3	301.9	371.7	353.9	355.0	284.4	279.6
Southern Leyte	894.1	844.5	998.4	1.3	1.7	..	..	..	..	..
Samar	..	..	..	..	..	..	..	..	1.1	0.3
Zamboanga Peninsula	222,161.8	225,057.2	258,131.3	254,521.1	246,304.3	218,789.7	206,161.1	204,180.5	193,107.6	182,562.4
Zamboanga del Norte	1,250.2	5,080.7	32,533.8	32,927.8	39,992.2	35,906.7	39,701.4	36,241.2	42,370.4	38,680.5
Zamboanga del Sur	62,427.0	56,335.4	46,017.4	34,459.8	31,073.2	25,484.0	22,359.1	22,404.2	17,583.2	19,533.1
Zamboanga City	55,897.8	60,334.7	58,755.5	60,704.6	60,246.2	56,784.4	52,626.6	50,387.4	42,831.5	41,829.6
Zamboanga Sibugay	102,586.7	103,306.5	120,824.6	126,428.9	114,992.7	100,614.6	91,474.0	95,147.6	90,322.5	82,519.4
Northern Mindanao	35,818.2	38,879.9	44,279.1	42,618.7	42,053.3	42,261.3	40,784.8	39,409.1	39,964.1	32,635.7
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	369.6	142.0	148.0	282.5	251.4	143.9	94.3	..	2.9	86.1
Lanao del Norte	28,160.9	31,190.9	36,338.4	33,897.1	33,298.7	33,331.4	31,593.8	30,383.7	31,537.4	25,805.8
Misamis Occidental	7,263.7	7,540.8	7,792.0	8,439.0	8,503.3	8,786.0	9,095.3	9,025.4	8,423.9	6,720.0
Misamis Oriental	24.0	6.2	0.8	..	..	..	1.4	..	..	23.7
Davao Region	2,625.9	4,344.2	2,987.4	2,067.2	1,937.2	3,686.5	6,005.5	8,384.0	7,652.5	6,639.3
Davao del Norte	1.7	0.2	..	77.0	44.0	8.9	..	..	..	0.1
Davao del Sur	1,908.0	3,723.6	2,302.8	1,141.2	1,251.6	3,341.3	5,462.9	8,040.6	7,566.7	6,596.0
Davao City	641.4	524.8	597.0	717.3	602.7	336.3	504.5	212.6	54.3	34.4
Davao Oriental	63.2	94.0	62.4	76.1	37.2	..	24.8	106.6	31.5	8.9
Compostela Valley	11.6	1.7	25.2	55.5	1.7	..	13.3	24.2	..	..
SOCCSKSARGEN	188.9	266.0	329.9	449.0	506.8	20.6	144.1	358.7	71.4	36.5
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	180.3	266.0	329.9	449.0	506.8	20.6	45.7	118.1	39.2	17.0
South Cotabato	..	..	..	..	..	..	98.3	240.6	32.2	19.4
Sultan Kudarat	8.6	..	..	..	..	..	..	..	..	..
Caraga	21,498.1	22,660.2	21,454.5	20,401.6	21,296.6	19,876.7	16,383.9	14,798.7	10,313.2	9,825.8
Agusan del Norte	1.0	0.3	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	269.6	301.4
Surigao del Norte	3,235.1	3,253.1	3,003.8	2,422.6	2,344.5	2,549.2	1,227.3	1,179.3	501.8	143.5
Surigao del Sur	18,262.0	19,406.8	18,450.8	17,979.0	18,952.1	17,327.6	15,156.6	13,619.4	9,541.8	9,380.9
ARMM	657,159.5	683,084.8	686,397.5	686,450.5	629,363.4	609,164.5	622,995.6	627,435.5	613,174.3	640,593.4
Basilan	5,945.2	5,963.3	6,063.1	6,254.2	6,376.6	6,488.1	6,628.6	6,478.1	856.5	1,088.6
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	74,116.4	80,222.1	86,687.1	87,756.4	89,579.8	89,386.5	90,927.6	92,219.5	90,809.5	93,773.8
Sulu	199,205.6	210,250.9	217,376.6	219,955.9	214,230.4	218,694.1	220,439.6	222,835.2	223,074.8	223,991.3
Tawi-tawi	377,892.3	386,648.6	376,270.7	372,484.1	319,176.6	294,595.8	304,999.8	305,902.7	298,433.5	321,739.8

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

Table 2.8.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	..	..	..	..	..	..	..	..	**0.2**	**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	..	..	..	..	..	..	..	..	0.2	0.3
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	0.2	0.3
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 2.8.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**0.8**	**2.6**	**57.9**	**43.5**	**61.8**	**2.3**	**2.2**	**2.8**	**2.2**	**2.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.2	1.4	19.2	1.5	2.4	1.3	1.2	2.2	1.4	1.3
Ilocos Norte	0.0	0.2	0.3	0.2	0.4	0.0	1.2	1.0	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0.1	0.1	..	..	..	..	..	0.0	0.0	0.0
Pangasinan	0.1	1.2	18.9	1.3	2.0	1.3	..	1.2	1.4	1.3
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	0.8	1.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	0.2	0.3	0.3	0.6	0.7	0.9	0.4	0.5	0.3	0.6
Negros Occidental	0.3	0.6	0.5	3.1	1.8	0.1	0.5	0.1	0.5	0.6
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 2.8.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Carp										
Philippines	**0.1**	**0.3**	**7.3**	**4.4**	**7.3**	**0.1**	**..**	**0.1**	**0.1**	**0.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.1	0.3	3.5	0.2	0.3	0.1	..	0.1	0.1	0.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	0.1	0.3	3.5	0.2	0.3	0.1	..	0.1	0.1	0.2
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 2.8.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Catfish										
Philippines	**0.3**	**0.2**	**3.1**	**1.6**	**2.2**	**0.1**	**..**	**0.1**	**0.1**	**0.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.2	0.2	1.7	0.2	0.2	0.1	..	0.1	0.1	0.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	0.0	0.0
Pangasinan	0.2	0.2	1.7	0.2	0.2	0.1	..	0.1	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	..	..	..	0.0	0.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	0.1	..	..	..	..	..	..	..	0.0	0.0
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 2.8.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gourami										
Philippines	**0.1**	**0.2**	**5.4**	**2.0**	**2.1**	**0.6**	**..**	**0.4**	**0.4**	**0.1**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.1	0.2	3.5	0.1	0.4	0.6	..	0.4	0.4	0.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	0.1	0.2	3.5	0.1	0.4	0.6	..	0.4	0.4	0.1
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 2.8.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mudfish										
Philippines	**0.9**	**1.4**	**1.2**	**1.2**	**1.7**	**0.2**	**..**	**0.1**	**0.2**	**0.2**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.9	1.3	0.4	0.4	0.3	0.2	..	0.1	0.2	0.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0.8	0.8	..	..	..	..	..	..	0.0	0.0
Pangasinan	0.1	0.5	0.4	0.4	0.3	0.2	..	0.1	0.2	0.2
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 2.8.10
AQUACULTURE, RICE FISH: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**..**	**0.2**	**0.5**	**0.3**	**0.3**	**0.2**	**..**	**..**	**0.4**	**0.3**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	0.2	0.5	0.3	0.3	0.2	..	..	0.4	0.3
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	0.2	0.5	0.3	0.3	0.2	..	..	0.4	0.3
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 2.8.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Milkfish										
Philippines	..	..	**0.4**	..	..	..	..	..	..	**0.0**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	0.0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.0
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 2.8.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tilapia										
Philippines	**201.6**	**118.5**	**143.2**	**205.5**	**293.9**	**151.5**	**116.8**	**59.2**	**47.3**	**59.3**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	29.7	2.9	8.8	9.1	8.6	5.0	4.6	4.7	5.4	4.7
Ilocos Norte	9.9	2.9	3.2	3.4	3.8	5.0	4.3	4.0	4.4	3.6
Ilocos Sur	..	..	..	..	..	..	..	0.3	0.5	0.5
La Union	0.0	0.1	..	..	..	..	..	0.1	0.1	0.3
Pangasinan	19.7	..	5.6	5.7	4.8	..	0.3	0.3	0.3	0.3
Cagayan Valley	79.2	94.6	56.2	106.1	89.5	93.5	72.3	26.3	18.9	21.1
Cagayan	32.8	35.6	9.1	10.9	8.1	6.4	6.0	5.3	2.7	3.3
Isabela	35.5	28.4	21.7	28.1	30.3	32.3	21.8	15.4	9.5	8.1
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	10.9	30.6	25.4	67.1	51.1	54.9	44.5	5.6	6.8	9.7
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	0.0	0.3
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	0.0	0.3
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	0.3	1.2
Bukidnon	..	0.6	0.9	1.1	1.4	2.0	1.8	1.3	0.3	1.2
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	0.4	2.4	0.6	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	0.4	2.4	0.6	..
SOCCSKSARGEN	0.4	3.4	3.7	12.7	19.7	30.6	32.6	24.5	22.1	32.1
North Cotabato	0.4	3.1	3.7	12.7	19.7	30.6	32.6	24.5	22.1	32.1
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 2.8.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Carp										
Philippines	**8.6**	**5.9**	**4.9**	**10.8**	**17.1**	**7.2**	**7.3**	**2.9**	**2.3**	**1.4**
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	0.0	0.2
Ilocos Norte	..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	0.0
Pangasinan	1.4	..	1.1	1.1	1.2	..	..	..	..	0.1
Cagayan Valley	7.2	5.8	3.7	8.6	12.8	5.5	5.9	2.0	1.6	0.5
Cagayan	1.8	1.9	1.1	1.3	0.9	0.6	0.5	0.5	0.1	0.1
Isabela	0.4	0.3	..	..	0.2	0.2	0.8	0.8	0.2	0.1
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	4.9	3.7	2.6	7.3	11.8	4.7	4.6	0.7	1.3	0.3
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	..	..	..	..	..	..	..	..	..	0.0
Bukidnon	..	..	..	..	..	..	..	..	..	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	0.0	0.1	0.1	1.0	1.9	1.4	1.4	0.9	0.7	0.7
North Cotabato	0.0	0.1	0.1	1.0	1.9	1.4	1.4	0.9	0.7	0.7
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 2.8.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Catfish										
Philippines	**26.3**	**7.1**	**5.9**	**9.6**	**8.9**	**6.9**	**6.1**	**3.9**	**2.7**	**2.3**
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	0.3	0.4
Ilocos Norte	0.2	0.1	0.1	0.2	0.3	1.4	1.0	0.4	0.2	0.2
Ilocos Sur	..	..	..	..	..	..	..	..	..	0.1
La Union	..	..	..	..	..	..	..	..	0.0	0.0
Pangasinan	2.0	..	0.1	0.1	..	..	0.0	0.0	0.1	0.1
Cagayan Valley	4.1	4.1	3.0	4.4	3.9	3.9	3.1	2.3	0.9	0.9
Cagayan	1.7	1.9	1.0	1.2	1.0	0.8	0.7	0.6	0.3	0.3
Isabela	2.0	1.8	1.8	2.5	2.3	2.8	2.1	1.6	0.5	0.5
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	0.4	0.4	0.3	0.7	0.6	0.3	0.3	0.1	0.1	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	..	0.0	0.0
Bukidnon	..	..	..	..	0.0	..	0.0	..	0.0	0.0
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	0.6	0.1	0.4	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	0.6	0.1	0.4	..
SOCCSKSARGEN	0.1	0.6	0.3	1.4	2.0	1.5	1.4	1.1	1.1	1.0
North Cotabato	0.1	0.4	0.3	1.4	2.0	1.5	1.4	1.1	1.1	1.0
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 2.8.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gourami										
Philippines	**1.6**	**3.9**	**3.0**	**3.8**	**4.6**	**2.6**	**1.3**	**0.7**	**0.7**	**0.6**
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	0.0	0.0
Ilocos Norte	..	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	0.0	..	..	..	..	..	..	..
Cagayan Valley	1.6	3.6	2.1	2.3	1.4	1.0	0.0	..	..	0.0
Cagayan	1.6	3.6	2.1	2.3	1.4	1.0	0.0	..	..	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	0.6	0.5
North Cotabato	..	0.2	0.2	0.7	1.7	1.5	1.2	0.7	0.6	0.5
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 2.8.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mudfish										
Philippines	**11.2**	**8.5**	**9.9**	**13.7**	**14.6**	**9.1**	**7.5**	**5.2**	**3.1**	**2.9**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	6.4	0.1	4.7	4.9	4.8	0.1	0.2	0.2	0.2	0.2
Ilocos Norte	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	0.0
Pangasinan	6.2	..	4.6	4.8	4.7	..	0.1	0.1	0.2	0.2
Cagayan Valley	3.8	6.6	4.5	5.5	5.2	4.9	3.0	2.2	0.9	0.9
Cagayan	2.0	5.0	2.7	3.1	2.8	2.3	1.1	0.8	0.4	0.4
Isabela	1.4	1.2	1.4	1.9	1.7	1.9	1.4	1.3	0.5	0.5
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	0.5	0.4	0.4	0.5	0.7	0.7	0.5	0.1	0.1	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	..	0.0	0.0
Bukidnon	..	0.3	0.2	0.3	0.0	0.0	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	1.9	1.7
North Cotabato	0.1	0.4	0.4	2.9	4.3	3.9	4.3	2.8	1.9	1.7
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 2.8.11
AQUACULTURE, SMALL FARM RESERVOIR: VOLUME OF PRODUCTION BY SPECIES AND GEOLOCATION *(concluded)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Others										
Philippines	**4.1**	**3.5**	**1.3**	**1.6**	**1.2**	**0.9**	**7.5**	**0.1**	**0.6**	**0.4**
NCR	..	..	..	..	..	..	..	..	..	..
Metro Manila	..	..	..	..	..	..	..	..	..	..
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.6	..	0.0	0.0	0.0	0.0	..	..	0.1	0.1
Ilocos Norte	..	..	0.0	0.0	0.0	0.0	..	..	..	0.0
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	0.6	..	..	..	..	..	..	..	0.1	0.1
Cagayan Valley	3.5	3.5	1.3	1.6	1.2	0.9	0.8	0.1	0.1	0.1
Cagayan	3.5	3.5	1.3	1.6	1.1	0.6	0.7	..	0.0	0.0
Isabela	..	..	..	..	..	..	..	..	0.0	0.0
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	0.1	0.3	0.1	0.1	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	..	0.3	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	6.8	..	0.3	..
SOCCSKSARGEN	..	..	..	..	..	..	..	..	0.1	0.2
North Cotabato	..	..	..	..	..	..	..	..	0.1	0.2
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 2.9.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Palay										
Philippines	**4,459,977**	**4,532,310**	**4,354,161**	**4,536,642**	**4,690,061**	**4,746,091**	**4,739,672**	**4,656,227**	**4,556,043**	**4,811,808**
CAR	119,816	119,368	117,057	118,779	120,100	119,919	118,476	111,482	110,640	115,555
Abra	22,695	23,675	23,673	23,882	24,023	24,031	24,056	23,987	23,993	24,014
Apayao	29,636	29,333	29,281	29,376	29,429	28,942	27,566	27,552	24,950	26,245
Benguet	6,314	6,236	6,194	5,994	6,286	6,286	6,286	6,284	6,564	6,976
Ifugao	17,229	17,129	16,974	17,193	17,193	17,234	17,259	17,259	17,253	17,248
Kalinga	36,338	35,803	34,763	36,070	36,758	37,044	37,041	31,424	33,059	35,913
Mountain Province	7,604	7,192	6,172	6,264	6,411	6,382	6,268	4,976	4,821	5,159
Ilocos Region	388,763	389,339	394,110	392,417	403,169	406,813	412,419	412,936	412,635	411,818
Ilocos Norte	66,195	66,281	66,694	66,482	67,217	67,435	66,625	66,233	65,832	66,298
Ilocos Sur	47,058	46,898	47,661	47,744	47,786	48,175	48,390	48,361	47,860	48,343
La Union	36,961	36,413	34,228	35,758	36,396	35,575	36,772	38,255	38,304	38,810
Pangasinan	238,549	239,747	245,527	242,433	251,770	255,628	260,632	260,087	260,639	258,367
Cagayan Valley	536,916	533,315	506,351	562,806	582,557	585,294	591,660	584,119	556,884	587,097
Batanes	..	..	..	..	101	9	92	86	23	71
Cagayan	200,095	189,861	183,340	212,253	219,696	216,578	227,493	219,194	194,763	222,871
Isabela	260,218	266,429	251,064	273,032	283,149	286,618	286,319	282,903	278,001	279,291
Nueva Vizcaya	56,662	56,879	54,300	55,999	57,906	59,574	55,954	60,466	62,207	62,324
Quirino	19,941	20,146	17,647	21,522	21,705	22,515	21,802	21,470	21,890	22,540
Central Luzon	666,309	664,121	681,901	616,887	675,781	710,817	717,191	699,646	704,185	720,930
Aurora	23,564	23,722	23,252	22,885	23,081	22,100	23,136	21,972	21,559	23,839
Bataan	30,294	30,764	31,604	31,117	31,133	32,290	32,328	31,835	30,391	30,075
Bulacan	81,115	79,925	79,161	60,219	79,723	82,070	81,959	79,297	80,726	82,801
Nueva Ecija	285,905	295,840	299,844	286,821	304,189	315,376	318,284	308,446	313,448	324,042
Pampanga	85,910	74,236	84,746	68,826	84,257	90,965	91,611	90,330	91,815	92,288
Tarlac	129,659	129,490	133,424	116,734	123,255	134,864	136,445	134,086	133,780	135,075
Zambales	29,862	30,144	29,870	30,285	30,143	33,152	33,428	33,680	32,466	32,810
CALABARZON	112,120	107,038	104,124	114,186	113,010	115,518	116,568	113,066	116,768	116,348
Batangas	14,594	14,129	13,454	14,516	14,678	15,620	15,072	13,085	13,761	13,196
Cavite	11,401	12,364	11,930	12,482	11,107	11,499	11,783	11,634	10,572	9,995
Laguna	30,049	25,313	28,138	30,672	29,895	29,779	30,619	31,349	31,261	30,613
Quezon	48,471	49,459	43,260	48,544	50,918	50,445	51,021	48,901	52,920	54,044
Rizal	7,605	5,773	7,342	7,972	6,412	8,175	8,073	8,097	8,254	8,500
MIMAROPA	254,403	271,901	262,384	270,751	280,748	282,956	280,920	283,586	287,842	302,447
Marinduque	9,136	8,806	7,734	8,668	6,592	6,509	5,794	5,868	5,665	7,294
Occidental Mindoro	79,621	82,569	82,389	82,101	83,459	84,898	84,940	85,595	86,300	86,088
Oriental Mindoro	82,064	89,035	91,590	99,092	105,054	105,465	101,626	101,514	103,990	105,509
Palawan	74,067	81,333	70,548	69,973	74,762	75,544	78,204	80,507	81,898	92,713
Romblon	9,515	10,158	10,123	10,917	10,881	10,540	10,356	10,102	9,989	10,843
Bicol Region	290,718	313,602	316,804	318,361	334,275	343,199	329,573	342,307	354,089	363,823
Albay	45,842	48,638	51,159	55,269	55,494	55,964	53,488	51,883	52,095	54,184
Camarines Norte	20,814	20,671	20,986	21,428	23,521	25,369	25,493	23,016	23,867	26,653
Camarines Sur	143,795	158,348	158,870	150,652	156,312	159,105	145,973	171,244	180,583	182,831
Catanduanes	11,600	12,993	12,240	15,152	10,924	10,339	11,498	10,663	11,635	12,349
Masbate	38,485	39,148	41,847	41,091	51,807	57,401	57,441	52,039	52,264	53,233
Sorsogon	30,182	33,804	31,702	34,769	36,217	35,021	35,680	33,462	33,645	34,573
Western Visayas	646,197	669,306	541,253	654,185	668,810	616,273	618,727	622,315	572,755	654,803
Aklan	40,451	44,655	33,273	39,245	38,895	41,009	34,029	32,458	32,796	38,832
Antique	76,499	80,633	62,507	84,013	80,915	83,437	80,942	82,081	77,046	80,305
Capiz	107,783	121,320	107,440	111,296	112,559	100,634	95,593	94,234	92,510	104,456
Guimaras	20,238	21,547	17,788	20,281	21,815	17,476	19,706	15,531	15,377	19,864
Iloilo	285,623	281,910	203,436	275,877	289,535	250,791	264,269	271,954	236,830	286,550
Negros Occidental	115,603	119,241	116,809	123,473	125,091	122,926	124,188	126,057	118,196	124,796
Central Visayas	105,154	102,927	101,875	106,824	105,797	106,191	104,288	102,427	80,153	100,830
Bohol	76,063	74,622	74,958	77,841	77,226	77,757	77,130	75,260	55,406	72,589
Cebu	5,233	5,179	4,744	5,367	5,280	5,346	5,125	4,480	4,208	4,378
Negros Oriental	23,053	22,253	21,341	22,739	22,539	22,406	21,351	21,952	20,047	23,139
Siquijor	805	873	832	877	752	682	682	735	492	724
Eastern Visayas	276,573	272,611	275,691	284,933	285,394	282,153	283,020	268,315	268,110	272,889
Biliran	15,163	15,079	14,880	14,845	14,814	14,807	14,791	14,791	14,769	14,383
Eastern Samar	17,910	18,473	19,837	20,388	21,054	21,373	21,519	21,401	21,430	22,587
Leyte	136,344	131,605	131,511	134,003	133,090	128,140	128,993	119,183	116,488	118,416
Northern Samar	39,840	37,356	38,183	39,636	39,664	41,047	41,106	41,094	39,746	40,596
Southern Leyte	20,622	22,897	21,895	21,725	22,074	21,945	21,867	21,767	21,461	20,945
Samar (Western Sama	46,694	47,201	49,385	54,336	54,698	54,841	54,744	50,079	54,216	55,962
Zamboanga Peninsula	145,314	153,743	145,070	158,424	157,888	161,721	163,096	163,636	155,291	172,388
Zamboanga del Norte	30,350	32,655	26,748	30,123	33,286	36,880	36,362	36,840	30,941	35,963
Zamboanga del Sur	67,149	68,950	70,364	74,036	72,480	73,196	75,171	75,211	73,747	84,950
Zamboanga Sibugay	41,500	45,531	41,681	47,110	44,513	44,314	44,352	44,040	43,088	44,051
Zamboanga City	6,315	6,607	6,277	7,155	7,609	7,331	7,211	7,545	7,515	7,424
Northern Mindanao	137,276	147,270	143,324	152,410	154,712	158,338	161,414	163,755	160,209	164,177
Bukidnon	72,934	81,708	80,561	87,435	88,975	92,574	94,175	96,661	94,028	98,102
Camiguin	606	614	606	637	647	658	651	653	542	592
Lanao del Norte	39,675	40,350	37,630	39,617	40,174	40,060	40,214	40,042	40,394	40,047
Misamis Occidental	17,441	17,793	18,113	18,308	18,608	18,846	20,004	20,198	19,909	19,508
Misamis Oriental	6,620	6,805	6,414	6,413	6,308	6,200	6,370	6,201	5,336	5,928
Davao Region	95,252	96,168	95,901	100,683	103,993	103,294	103,822	99,220	97,789	101,131
Davao del Norte	28,560	29,387	28,826	31,558	33,150	32,781	31,354	28,526	26,895	28,375
Davao del Sur	24,709	24,875	24,974	25,896	26,215	26,377	26,550	26,460	26,675	27,029
Davao Oriental	15,035	14,045	13,648	14,060	14,710	14,195	14,603	15,149	15,365	16,230
Compostela Valley	22,983	23,651	24,290	24,764	25,227	25,147	26,398	24,878	25,070	25,333
Davao City	3,965	4,210	4,163	4,405	4,691	4,794	4,917	4,207	3,784	4,164
SOCCSKSARGEN	346,403	349,668	329,817	343,620	345,985	350,346	346,906	339,938	315,690	351,177
North Cotabato	131,870	132,659	122,487	128,360	131,110	130,205	129,452	125,606	112,398	125,868
Sarangani	13,814	14,957	14,136	14,679	14,614	14,700	14,581	14,252	13,179	13,254
South Cotabato	84,132	83,454	78,889	83,721	84,132	87,414	87,268	85,668	79,749	92,216
Sultan Kudarat	116,587	118,598	114,305	116,860	116,129	118,027	115,605	114,412	110,364	119,839
Caraga	138,259	137,173	130,867	141,852	155,041	176,559	174,170	155,130	150,076	155,203
Agusan del Norte	26,545	23,482	20,434	22,727	23,120	27,268	27,469	23,364	25,768	23,090
Agusan del Sur	58,082	56,630	58,405	66,479	79,234	90,010	87,973	75,430	72,291	80,049
Dinagat Islands	..	806	3,540	2,955	2,605	2,934	2,934	2,846	2,799	3,231
Surigao del Norte	26,861	27,722	20,427	23,054	22,601	22,959	22,093	20,642	18,869	17,592
Surigao del Sur	26,771	28,533	28,061	26,637	27,481	33,388	33,701	32,848	30,349	31,241
ARMM	200,504	204,760	207,632	199,524	202,801	226,700	217,422	194,349	212,927	221,192
Basilan	1,850	1,330	1,888	1,453	1,547	1,817	1,546	1,201	1,070	755
Lanao del Sur	61,196	58,067	60,494	57,849	62,921	66,580	59,220	56,355	53,902	66,467
Maguindanao	134,153	142,755	142,804	138,185	136,277	156,428	154,935	135,075	156,554	152,460
Sulu	2,750	2,078	1,853	1,572	1,632	1,567	1,410	1,471	1,270	1,389
Tawi-tawi	555	530	593	465	424	308	311	247	131	121

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.9.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Irrigated Palay										
Philippines	**3,032,638**	**3,055,763**	**3,008,325**	**3,072,637**	**3,163,185**	**3,236,337**	**3,253,080**	**3,233,186**	**3,181,102**	**3,295,086**
CAR	93,011	93,265	91,265	93,043	94,068	94,352	93,301	86,521	88,006	92,205
Abra	13,775	14,755	14,763	14,804	14,915	14,920	14,950	14,927	14,919	14,934
Apayao	16,968	17,140	17,140	17,319	17,372	17,358	16,267	16,270	15,968	16,877
Benguet	5,304	5,230	5,188	5,081	5,200	5,200	5,200	5,200	5,276	5,755
Ifugao	16,387	16,287	16,132	16,336	16,336	16,374	16,399	16,399	16,393	16,388
Kalinga	34,112	33,682	32,724	34,031	34,739	35,023	35,098	29,485	31,244	34,011
Mountain Province	6,465	6,171	5,318	5,472	5,506	5,477	5,387	4,240	4,206	4,240
Ilocos Region	247,034	255,564	260,757	263,633	273,371	279,749	285,823	285,940	285,672	285,563
Ilocos Norte	54,069	54,694	54,843	54,682	55,082	55,359	54,889	54,785	54,334	54,801
Ilocos Sur	24,463	24,517	25,101	25,394	26,511	27,925	28,261	28,164	27,972	29,516
La Union	22,142	22,056	19,850	21,453	22,259	21,570	22,571	23,993	23,988	24,462
Pangasinan	146,360	154,297	160,963	162,104	169,519	174,895	180,102	178,998	179,378	176,784
Cagayan Valley	454,715	447,183	441,583	479,036	495,501	510,338	511,873	511,196	496,532	513,601
Batanes	..	..	..	..	3	1	3	1	0	0
Cagayan	142,846	134,334	141,685	159,572	167,224	176,227	176,932	174,245	158,567	176,058
Isabela	241,444	241,632	232,438	248,420	255,278	258,780	262,366	260,535	259,444	258,309
Nueva Vizcaya	52,982	53,199	50,723	52,059	53,386	55,032	53,121	56,974	58,530	59,074
Quirino	17,443	18,018	16,737	18,985	19,610	20,298	19,451	19,441	19,990	20,160
Central Luzon	580,358	579,905	599,573	544,198	599,891	631,664	639,952	622,813	637,343	651,832
Aurora	21,798	21,952	21,695	21,436	21,476	20,579	21,780	20,624	20,273	22,157
Bataan	29,483	29,966	31,004	30,392	30,677	31,732	31,771	31,285	29,921	29,662
Bulacan	59,804	58,539	59,017	48,259	65,219	67,455	67,059	65,098	68,566	67,904
Nueva Ecija	246,305	257,109	261,034	249,571	265,802	277,185	280,756	270,509	279,075	290,864
Pampanga	82,270	71,811	81,656	65,906	81,077	87,285	87,906	86,761	90,420	90,814
Tarlac	120,006	119,466	124,353	107,494	114,365	123,214	125,830	123,587	122,859	125,631
Zambales	20,692	21,062	20,814	21,140	21,275	24,214	24,850	24,949	26,229	24,800
CALABARZON	80,024	75,124	79,494	83,111	80,120	81,415	86,191	85,094	85,333	83,337
Batangas	9,674	9,305	9,037	9,537	9,250	10,141	9,937	9,675	9,360	8,114
Cavite	9,318	10,494	10,530	10,615	9,827	10,151	10,948	10,808	9,922	9,345
Laguna	29,525	24,793	27,619	30,176	29,275	29,217	30,370	31,143	31,137	30,466
Quezon	24,712	25,293	25,366	25,386	25,770	25,773	28,508	27,008	28,280	28,767
Rizal	6,795	5,239	6,942	7,397	5,998	6,133	6,428	6,460	6,634	6,645
MIMAROPA	145,603	163,113	166,012	174,752	185,166	188,471	189,480	195,510	201,026	207,884
Marinduque	3,334	3,411	2,622	2,788	2,325	2,664	2,420	2,308	2,470	3,483
Occidental Mindoro	47,418	52,842	54,267	53,802	55,069	56,429	56,525	57,142	57,715	57,559
Oriental Mindoro	57,946	66,834	68,045	76,123	84,432	84,774	82,880	85,452	87,289	87,920
Palawan	32,167	34,784	35,906	36,236	37,632	39,221	42,431	45,565	48,503	53,413
Romblon	4,738	5,242	5,172	5,803	5,708	5,383	5,224	5,043	5,049	5,509
Bicol Region	192,774	206,060	216,256	203,609	217,458	222,226	214,082	229,301	236,205	242,155
Albay	34,555	37,494	39,606	42,759	43,276	43,979	42,339	40,959	41,677	43,788
Camarines Norte	12,752	13,103	13,725	13,665	14,839	16,075	15,218	14,591	15,024	16,372
Camarines Sur	109,379	117,132	124,594	108,342	115,873	116,625	110,803	131,207	136,486	138,713
Catanduanes	5,078	6,589	5,488	5,909	4,782	4,992	5,361	5,164	6,011	5,635
Masbate	7,954	7,156	8,244	8,736	13,320	15,496	15,352	12,456	11,808	12,794
Sorsogon	23,056	24,586	24,599	24,198	25,368	25,059	25,009	24,924	25,199	24,853
Western Visayas	337,176	336,549	273,564	314,768	305,588	288,187	296,174	304,733	272,262	298,831
Aklan	19,654	20,988	16,967	18,173	18,127	19,460	16,042	15,292	16,276	20,080
Antique	45,700	46,451	34,577	47,182	46,114	46,862	46,920	47,094	44,423	45,519
Capiz	32,740	33,458	29,562	28,002	27,864	25,956	29,105	31,214	29,925	31,017
Guimaras	3,912	4,032	3,392	4,271	4,707	3,077	3,665	2,938	2,808	3,507
Iloilo	151,622	147,875	107,308	133,752	125,015	110,755	117,572	123,687	99,572	114,263
Negros Occidental	83,548	83,745	81,758	83,388	83,761	82,077	82,870	84,508	79,258	84,445
Central Visayas	54,787	54,083	57,465	59,679	59,759	60,505	59,221	59,058	51,757	61,516
Bohol	31,323	31,173	35,386	36,828	37,167	37,592	37,728	37,205	31,429	38,613
Cebu	4,763	4,730	4,316	4,750	4,658	4,754	4,578	4,189	4,016	4,047
Negros Oriental	17,978	17,427	17,019	17,356	17,268	17,549	16,315	16,993	15,820	18,246
Siquijor	723	753	744	745	666	610	600	671	492	610
Eastern Visayas	131,398	130,847	129,254	134,126	133,847	129,310	129,728	126,500	125,261	125,381
Biliran	14,730	14,708	14,672	14,688	14,688	14,688	14,689	14,689	14,679	14,359
Eastern Samar	3,139	3,244	3,269	4,584	4,845	4,953	5,003	4,951	5,002	4,997
Leyte	87,409	84,697	83,385	86,835	86,196	81,231	81,720	78,915	77,542	78,204
Northern Samar	4,261	4,087	4,506	4,320	4,029	4,317	4,338	4,327	4,450	4,472
Southern Leyte	17,201	19,368	18,680	18,598	18,955	19,039	19,004	18,997	18,975	18,796
Samar (Western Sama	4,658	4,743	4,742	5,101	5,134	5,082	4,974	4,621	4,613	4,553
Zamboanga Peninsula	89,685	93,404	89,362	93,712	91,163	94,776	94,564	94,551	90,697	100,378
Zamboanga del Norte	15,203	15,135	13,236	14,000	13,945	16,098	14,877	14,440	11,770	15,270
Zamboanga del Sur	51,824	54,758	56,019	57,722	54,957	56,325	57,474	57,322	56,232	61,721
Zamboanga Sibugay	18,028	18,723	15,842	17,335	17,238	17,572	17,451	17,615	17,601	18,443
Zamboanga City	4,630	4,788	4,265	4,655	5,023	4,781	4,762	5,174	5,094	4,944
Northern Mindanao	122,654	130,154	127,005	132,270	135,103	138,670	140,441	142,750	141,679	142,920
Bukidnon	67,501	74,625	72,662	76,876	78,891	81,995	82,557	84,729	83,833	84,917
Camiguin	598	608	600	626	636	647	648	649	541	592
Lanao del Norte	32,255	32,200	31,040	32,005	32,499	33,025	33,109	33,192	33,934	33,997
Misamis Occidental	16,146	16,521	16,680	16,815	17,137	17,203	18,356	18,566	18,372	17,893
Misamis Oriental	6,154	6,200	6,023	5,948	5,940	5,800	5,771	5,614	4,999	5,521
Davao Region	82,975	84,575	84,309	88,219	89,539	88,939	89,243	87,977	87,063	87,350
Davao del Norte	26,700	26,696	26,524	29,099	30,329	29,775	28,259	26,250	24,813	25,858
Davao del Sur	24,199	24,425	24,492	25,366	25,705	25,712	25,872	25,812	26,118	26,002
Davao Oriental	10,698	11,102	10,464	10,812	10,737	10,391	10,580	12,043	12,158	12,147
Compostela Valley	19,423	20,135	20,617	20,796	20,430	20,489	21,983	21,406	21,423	20,836
Davao City	1,955	2,217	2,212	2,146	2,338	2,572	2,549	2,466	2,551	2,507
SOCCSKSARGEN	267,169	267,034	257,958	263,305	263,387	270,123	266,223	263,726	249,165	276,980
North Cotabato	91,128	91,411	88,071	90,093	90,148	94,337	93,600	91,561	83,517	93,011
Sarangani	9,487	9,685	9,191	9,650	9,733	10,470	10,288	10,108	9,659	9,980
South Cotabato	71,727	69,750	67,360	68,933	68,473	70,864	70,868	70,663	65,215	75,351
Sultan Kudarat	94,827	96,188	93,336	94,629	95,033	94,452	91,467	91,394	90,774	98,638
Caraga	89,273	85,932	84,980	88,264	89,489	99,786	100,072	90,392	92,876	89,643
Agusan del Norte	17,738	16,413	14,781	16,934	17,736	21,068	20,976	17,783	20,567	18,256
Agusan del Sur	33,483	31,495	33,499	33,682	36,285	38,917	38,994	34,776	34,712	36,609
Dinagat Islands	..	621	2,575	2,230	1,915	2,034	2,049	1,988	1,983	2,225
Surigao del Norte	18,477	18,658	13,999	16,132	16,298	16,409	15,649	13,911	13,707	12,301
Surigao del Sur	19,575	18,745	20,126	19,286	17,255	21,358	22,404	21,934	21,907	20,252
ARMM	64,002	52,971	49,488	56,912	49,735	57,826	56,711	47,124	40,226	35,510
Basilan	820	712	1,103	900	1,082	1,657	1,346	991	948	596
Lanao del Sur	17,723	19,663	16,368	14,338	15,289	17,011	19,457	11,198	11,419	15,235
Maguindanao	45,459	32,500	31,967	41,604	33,274	39,058	35,908	34,845	27,789	19,599
Sulu	..	96	50	70	90	100	..	90	70	80
Tawi-tawi	..	..	..	..	..	..	..	..	..	0

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.9.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Rainfed Palay										
Philippines	**1,427,339**	**1,476,547**	**1,345,836**	**1,464,005**	**1,526,876**	**1,509,754**	**1,486,592**	**1,423,041**	**1,374,940**	**1,516,722**
CAR	26,805	26,103	25,792	25,736	26,032	25,567	25,175	24,961	22,634	23,350
Abra	8,920	8,920	8,910	9,078	9,108	9,111	9,106	9,060	9,074	9,080
Apayao	12,668	12,193	12,141	12,057	12,057	11,584	11,299	11,282	8,982	9,368
Benguet	1,010	1,006	1,006	913	1,086	1,086	1,086	1,084	1,288	1,221
Ifugao	842	842	842	857	857	860	860	860	860	860
Kalinga	2,226	2,121	2,039	2,039	2,019	2,021	1,943	1,939	1,815	1,902
Mountain Province	1,139	1,021	854	792	905	905	881	736	615	919
Ilocos Region	141,729	133,775	133,353	128,784	129,798	127,064	126,596	126,996	126,963	126,255
Ilocos Norte	12,126	11,587	11,851	11,800	12,135	12,076	11,736	11,448	11,498	11,497
Ilocos Sur	22,595	22,381	22,560	22,350	21,275	20,250	20,129	20,197	19,888	18,827
La Union	14,819	14,357	14,378	14,305	14,137	14,005	14,201	14,262	14,316	14,348
Pangasinan	92,189	85,450	84,564	80,329	82,251	80,733	80,530	81,089	81,261	81,583
Cagayan Valley	82,201	86,132	64,768	83,770	87,056	74,956	79,786	72,923	60,353	73,496
Batanes	..	..	..	..	98	8	88	85	23	71
Cagayan	57,249	55,527	41,655	52,681	52,472	40,351	50,561	44,949	36,196	46,813
Isabela	18,774	24,797	18,626	24,612	27,871	27,838	23,953	22,368	18,557	20,982
Nueva Vizcaya	3,680	3,680	3,577	3,940	4,520	4,542	2,833	3,492	3,677	3,250
Quirino	2,498	2,128	910	2,537	2,095	2,217	2,351	2,029	1,900	2,380
Central Luzon	85,951	84,216	82,328	72,689	75,890	79,153	77,239	76,833	66,842	69,098
Aurora	1,766	1,770	1,557	1,449	1,605	1,521	1,356	1,348	1,286	1,682
Bataan	811	798	600	725	456	558	557	550	470	413
Bulacan	21,311	21,386	20,144	11,960	14,504	14,615	14,900	14,199	12,160	14,897
Nueva Ecija	39,600	38,731	38,810	37,250	38,387	38,191	37,528	37,937	34,373	33,178
Pampanga	3,640	2,425	3,090	2,920	3,180	3,680	3,705	3,569	1,395	1,474
Tarlac	9,653	10,024	9,071	9,240	8,890	11,650	10,615	10,499	10,921	9,444
Zambales	9,170	9,082	9,056	9,145	8,868	8,938	8,578	8,731	6,237	8,010
CALABARZON	32,096	31,914	24,630	31,075	32,890	34,103	30,377	27,972	31,435	33,011
Batangas	4,920	4,824	4,417	4,979	5,428	5,479	5,135	3,410	4,401	5,082
Cavite	2,083	1,870	1,400	1,867	1,280	1,348	835	826	650	650
Laguna	524	520	519	496	620	562	249	206	124	147
Quezon	23,759	24,166	17,894	23,158	25,148	24,672	22,513	21,893	24,640	25,277
Rizal	810	534	400	575	414	2,042	1,645	1,637	1,620	1,855
MIMAROPA	108,800	108,788	96,372	95,999	95,582	94,485	91,440	88,076	86,816	94,563
Marinduque	5,802	5,395	5,112	5,880	4,267	3,845	3,374	3,560	3,195	3,811
Occidental Mindoro	32,203	29,727	28,122	28,299	28,390	28,469	28,415	28,453	28,585	28,529
Oriental Mindoro	24,118	22,201	23,545	22,969	20,622	20,691	18,746	16,062	16,701	17,589
Palawan	41,900	46,549	34,642	33,737	37,130	36,323	35,773	34,942	33,395	39,300
Romblon	4,777	4,916	4,951	5,114	5,173	5,157	5,132	5,059	4,940	5,334
Bicol Region	97,944	107,542	100,548	114,752	116,817	120,973	115,491	113,006	117,884	121,668
Albay	11,287	11,144	11,553	12,510	12,218	11,985	11,149	10,924	10,418	10,396
Camarines Norte	8,062	7,568	7,261	7,763	8,682	9,294	10,275	8,425	8,843	10,281
Camarines Sur	34,416	41,216	34,276	42,310	40,439	42,480	35,170	40,037	44,097	44,118
Catanduanes	6,522	6,404	6,752	9,243	6,142	5,347	6,137	5,499	5,624	6,714
Masbate	30,531	31,992	33,603	32,355	38,487	41,905	42,089	39,583	40,456	40,439
Sorsogon	7,126	9,218	7,103	10,571	10,849	9,962	10,671	8,538	8,446	9,720
Western Visayas	309,021	332,757	267,689	339,417	363,222	328,086	322,553	317,582	300,493	355,972
Aklan	20,797	23,667	16,306	21,072	20,768	21,549	17,987	17,166	16,520	18,752
Antique	30,799	34,182	27,930	36,831	34,801	36,575	34,022	34,987	32,623	34,786
Capiz	75,043	87,862	77,878	83,294	84,695	74,678	66,488	63,020	62,585	73,439
Guimaras	16,326	17,515	14,396	16,010	17,108	14,399	16,041	12,593	12,569	16,357
Iloilo	134,001	134,035	96,128	142,125	164,520	140,036	146,697	148,267	137,258	172,287
Negros Occidental	32,055	35,496	35,051	40,085	41,330	40,849	41,318	41,549	38,938	40,351
Central Visayas	50,367	48,844	44,410	47,145	46,038	45,686	45,067	43,369	28,396	39,314
Bohol	44,740	43,449	39,572	41,013	40,059	40,165	39,402	38,055	23,977	33,976
Cebu	470	449	428	617	622	592	547	291	192	331
Negros Oriental	5,075	4,826	4,322	5,383	5,271	4,857	5,036	4,959	4,227	4,893
Siquijor	82	120	88	132	86	72	82	64	..	114
Eastern Visayas	145,175	141,764	146,437	150,807	151,547	152,843	153,292	141,815	142,849	147,508
Biliran	433	371	208	157	126	119	102	102	90	24
Eastern Samar	14,771	15,229	16,568	15,804	16,209	16,420	16,516	16,450	16,428	17,590
Leyte	48,935	46,908	48,126	47,168	46,894	46,909	47,273	40,268	38,946	40,212
Northern Samar	35,579	33,269	33,677	35,316	35,635	36,730	36,768	36,767	35,296	36,124
Southern Leyte	3,421	3,529	3,215	3,127	3,119	2,906	2,863	2,770	2,486	2,149
Samar (Western Sama	42,036	42,458	44,643	49,235	49,564	49,759	49,770	45,458	49,603	51,409
Zamboanga Peninsula	55,629	60,339	55,708	64,712	66,725	66,945	68,532	69,085	64,594	72,010
Zamboanga del Norte	15,147	17,520	13,512	16,123	19,341	20,782	21,485	22,400	19,171	20,693
Zamboanga del Sur	15,325	14,192	14,345	16,314	17,523	16,871	17,697	17,889	17,515	23,229
Zamboanga Sibugay	23,472	26,808	25,839	29,775	27,275	26,742	26,901	26,425	25,487	25,608
Zamboanga City	1,685	1,819	2,012	2,500	2,586	2,550	2,449	2,371	2,421	2,480
Northern Mindanao	14,622	17,116	16,319	20,140	19,609	19,668	20,973	21,005	18,530	21,257
Bukidnon	5,433	7,083	7,899	10,559	10,084	10,579	11,618	11,932	10,195	13,185
Camiguin	8	6	6	11	11	11	3	4	1	0
Lanao del Norte	7,420	8,150	6,590	7,612	7,675	7,035	7,105	6,850	6,460	6,050
Misamis Occidental	1,295	1,272	1,433	1,493	1,471	1,643	1,648	1,632	1,537	1,615
Misamis Oriental	466	605	391	465	368	400	599	587	337	407
Davao Region	12,277	11,593	11,592	12,464	14,454	14,355	14,579	11,243	10,726	13,781
Davao del Norte	1,860	2,691	2,302	2,459	2,821	3,006	3,095	2,276	2,082	2,517
Davao del Sur	510	450	482	530	510	665	678	648	557	1,027
Davao Oriental	4,337	2,943	3,184	3,248	3,973	3,804	4,023	3,106	3,207	4,083
Compostela Valley	3,560	3,516	3,673	3,968	4,797	4,658	4,415	3,472	3,647	4,497
Davao City	2,010	1,993	1,951	2,259	2,353	2,222	2,368	1,741	1,233	1,657
SOCCSKSARGEN	79,234	82,634	71,859	80,315	82,598	80,223	80,683	76,212	66,525	74,197
North Cotabato	40,742	41,248	34,416	38,267	40,962	35,868	35,852	34,045	28,881	32,857
Sarangani	4,327	5,272	4,945	5,029	4,881	4,230	4,293	4,144	3,520	3,274
South Cotabato	12,405	13,704	11,529	14,788	15,659	16,550	16,400	15,005	14,534	16,865
Sultan Kudarat	21,760	22,410	20,969	22,231	21,096	23,575	24,138	23,018	19,590	21,201
Caraga	48,986	51,241	45,887	53,588	65,552	76,773	74,098	64,738	57,200	65,560
Agusan del Norte	8,807	7,069	5,653	5,793	5,384	6,200	6,493	5,581	5,201	4,834
Agusan del Sur	24,599	25,135	24,906	32,797	42,949	51,093	48,979	40,654	37,579	43,440
Dinagat Islands	..	185	965	725	690	900	885	858	816	1,006
Surigao del Norte	8,384	9,064	6,428	6,922	6,303	6,550	6,444	6,731	5,162	5,291
Surigao del Sur	7,196	9,788	7,935	7,351	10,226	12,030	11,297	10,914	8,442	10,989
ARMM	136,502	151,789	158,144	142,612	153,066	168,874	160,711	147,225	172,701	185,682
Basilan	1,030	618	785	553	465	160	200	210	122	159
Lanao del Sur	43,473	38,404	44,126	43,511	47,632	49,569	39,763	45,157	42,483	51,232
Maguindanao	88,694	110,255	110,837	96,581	103,003	117,370	119,027	100,230	128,765	132,861
Sulu	2,750	1,982	1,803	1,502	1,542	1,467	1,410	1,381	1,200	1,309
Tawi-tawi	555	530	593	465	424	308	311	247	131	121

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.9.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Corn										
Philippines	**2,661,021**	**2,683,890**	**2,499,040**	**2,544,612**	**2,593,924**	**2,563,718**	**2,611,432**	**2,561,934**	**2,484,465**	**2,552,592**
CAR	52,698	55,212	48,991	56,051	57,290	61,639	64,832	64,411	61,045	61,391
Abra	6,026	6,552	6,552	6,552	6,441	6,448	6,447	6,397	6,430	6,390
Apayao	4,848	4,853	4,014	5,343	5,812	6,739	7,200	6,748	6,595	7,040
Benguet	39	39	39	35	35	37	38	38	38	39
Ifugao	23,000	22,992	22,992	24,034	24,658	27,329	30,114	30,139	28,450	27,891
Kalinga	11,912	14,122	11,305	14,314	14,318	14,890	14,459	14,507	13,113	13,803
Mountain Province	6,873	6,654	4,089	5,773	6,026	6,196	6,574	6,582	6,419	6,228
Ilocos Region	74,460	73,153	75,342	77,183	82,793	84,106	87,763	87,608	89,769	94,870
Ilocos Norte	13,744	13,713	12,451	11,958	12,283	12,503	12,448	12,030	11,932	11,731
Ilocos Sur	13,971	13,466	12,408	12,853	13,452	14,303	14,613	14,704	15,233	15,861
La Union	5,196	4,875	5,053	5,496	5,479	5,870	6,542	6,563	6,261	7,411
Pangasinan	41,549	41,099	45,430	46,876	51,579	51,430	54,160	54,311	56,343	59,867
Cagayan Valley	390,537	417,121	364,723	422,095	432,465	416,823	437,729	425,965	414,449	414,792
Batanes	..	..	..	..	99	83	195	123	84	111
Cagayan	82,428	94,884	85,005	105,583	109,422	100,872	111,000	111,338	108,265	113,722
Isabela	265,789	271,843	239,052	266,924	268,758	273,141	269,266	258,424	251,639	246,278
Nueva Vizcaya	14,770	15,674	12,440	14,610	15,961	15,243	16,770	16,690	15,971	17,112
Quirino	27,550	34,720	28,226	34,978	38,225	27,484	40,498	39,390	38,490	37,569
Central Luzon	48,307	45,749	42,977	38,836	40,481	44,151	43,535	47,368	47,382	45,875
Aurora	4,858	5,130	3,983	3,003	3,890	4,010	4,416	4,540	4,836	4,347
Bataan	1,224	1,524	1,934	1,837	1,519	2,135	1,463	1,737	1,669	1,494
Bulacan	758	863	919	938	1,002	1,088	1,167	1,211	1,185	1,200
Nueva Ecija	6,660	6,471	6,064	5,987	6,403	6,968	7,102	7,952	7,648	8,248
Pampanga	12,078	11,542	11,212	10,442	10,653	11,043	10,902	11,124	11,021	10,998
Tarlac	22,382	19,874	18,720	16,467	16,853	18,528	18,212	20,445	20,580	19,293
Zambales	347	345	145	162	161	379	273	359	443	295
CALABARZON	34,451	35,204	29,687	31,858	33,080	33,906	34,518	29,185	35,084	34,803
Batangas	8,950	9,849	9,318	8,806	8,054	9,466	9,569	6,579	6,624	7,026
Cavite	1,045	1,944	1,173	1,292	1,418	1,408	1,021	1,127	831	978
Laguna	1,743	1,432	1,126	1,156	1,242	1,219	1,007	1,200	1,477	1,646
Quezon	22,479	21,743	17,758	20,269	21,882	21,283	22,370	19,621	25,867	24,607
Rizal	234	236	312	335	484	530	551	658	285	546
MIMAROPA	38,111	31,367	22,984	26,463	24,496	28,022	29,135	31,391	30,510	30,060
Marinduque	302	671	155	164	151	220	144	192	206	222
Occidental Mindoro	16,085	16,985	16,449	15,631	16,619	19,848	19,556	21,051	19,872	19,971
Oriental Mindoro	1,304	890	186	638	306	526	1,531	1,893	2,008	1,619
Palawan	19,840	11,865	5,381	9,374	6,694	6,658	7,216	7,564	7,701	7,435
Romblon	580	956	813	656	726	770	688	691	723	813
Bicol Region	100,274	106,715	101,812	108,243	112,964	109,582	113,596	103,025	107,544	114,616
Albay	19,343	19,259	20,859	21,750	23,035	22,454	21,487	19,500	21,052	21,091
Camarines Norte	1,105	1,013	630	1,021	1,056	1,134	844	1,076	1,078	1,088
Camarines Sur	32,477	31,965	30,281	36,891	38,479	43,766	48,012	39,350	44,646	47,645
Catanduanes	261	272	264	289	296	355	371	453	459	1,124
Masbate	46,815	53,180	49,709	48,252	50,010	41,770	42,697	42,413	40,047	43,483
Sorsogon	273	1,026	69	40	88	103	185	233	262	185
Western Visayas	142,448	125,769	112,502	122,216	122,569	123,946	124,312	120,157	107,255	109,849
Aklan	468	975	637	1,061	1,043	1,241	1,105	1,172	1,262	1,346
Antique	3,106	3,479	874	1,899	1,974	1,554	1,852	1,497	1,508	1,686
Capiz	23,857	22,031	15,899	14,800	15,722	15,849	17,105	16,763	13,979	13,565
Guimaras	1,097	1,253	690	662	521	476	552	385	377	524
Iloilo	55,730	39,271	37,813	43,984	44,437	45,128	39,618	37,240	25,230	23,808
Negros Occidental	58,190	58,760	56,589	59,810	58,872	59,698	64,080	63,100	64,899	68,920
Central Visayas	236,248	231,473	215,980	212,438	206,270	197,941	193,089	187,296	174,267	163,767
Bohol	14,325	13,816	14,742	13,573	13,532	13,791	13,869	13,051	12,571	12,423
Cebu	122,899	124,884	121,689	115,622	113,892	110,122	106,694	103,712	92,581	85,613
Negros Oriental	90,716	84,452	71,899	75,834	72,025	67,755	66,534	64,457	63,169	59,664
Siquijor	8,308	8,321	7,650	7,409	6,821	6,273	5,992	6,076	5,946	6,067
Eastern Visayas	65,756	68,463	64,672	60,950	61,699	61,722	60,752	61,409	57,087	53,672
Biliran	594	651	582	590	596	569	569	571	571	536
Eastern Samar	201	223	247	250	250	257	267	269	193	265
Leyte	44,865	46,960	43,380	39,586	40,328	40,981	41,288	42,520	39,076	35,814
Northern Samar	8,990	8,859	8,470	8,506	8,506	8,565	8,602	8,579	8,574	8,527
Southern Leyte	5,675	5,700	5,561	5,371	5,363	4,700	4,380	3,907	3,085	2,232
Samar (Western Sama	5,431	6,070	6,432	6,647	6,656	6,650	5,646	5,563	5,588	6,298
Zamboanga Peninsula	129,061	135,850	142,559	132,407	134,979	125,949	130,116	131,590	145,555	141,061
Zamboanga del Norte	26,997	34,485	32,509	29,706	35,883	34,031	41,530	38,864	40,602	43,279
Zamboanga del Sur	90,122	82,517	91,792	85,914	83,447	76,362	72,292	75,941	88,062	80,490
Zamboanga Sibugay	8,730	14,621	13,724	12,013	10,698	10,258	10,965	11,616	12,025	12,464
Zamboanga City	3,212	4,227	4,534	4,774	4,951	5,298	5,329	5,169	4,866	4,828
Northern Mindanao	383,695	381,373	365,955	364,059	376,800	372,565	374,646	377,040	370,806	374,515
Bukidnon	197,177	198,486	188,994	186,004	192,100	189,589	187,999	190,752	187,240	192,380
Camiguin	469	418	416	481	487	457	440	412	328	347
Lanao del Norte	106,512	105,397	103,499	104,052	106,666	106,990	107,609	107,767	108,971	108,948
Misamis Occidental	25,660	23,285	24,547	23,658	26,195	25,630	27,438	28,077	28,301	28,710
Misamis Oriental	53,877	53,787	48,499	49,864	51,352	49,899	51,160	50,032	45,966	44,130
Davao Region	188,362	174,674	153,282	149,081	146,077	159,378	169,306	154,398	154,584	165,636
Davao del Norte	17,022	18,052	17,223	15,933	15,537	15,172	16,785	14,568	14,551	16,082
Davao del Sur	55,742	57,449	47,664	45,343	47,677	57,316	59,082	54,941	55,575	59,660
Davao Oriental	63,538	50,140	44,303	43,624	40,702	46,018	45,533	39,190	42,524	43,869
Compostela Valley	39,943	38,090	34,648	33,688	31,783	28,923	35,274	33,668	30,567	34,065
Davao City	12,117	10,943	9,444	10,493	10,378	11,949	12,632	12,031	11,367	11,960
SOCCSKSARGEN	430,221	430,182	405,644	427,050	429,319	430,007	428,556	416,400	383,266	413,649
North Cotabato	133,890	131,454	119,611	131,407	129,908	130,053	130,699	125,695	108,820	111,946
Sarangani	73,554	74,263	68,827	70,966	70,883	70,291	68,442	67,129	62,294	64,888
South Cotabato	143,214	141,018	137,983	141,594	144,200	146,082	148,367	143,191	132,652	150,501
Sultan Kudarat	79,563	83,447	79,223	83,083	84,328	83,581	81,048	80,385	79,500	86,314
Caraga	50,470	39,520	39,601	31,554	33,830	38,017	41,957	42,396	44,705	34,034
Agusan del Norte	10,889	4,485	4,594	4,473	4,428	5,608	6,078	5,768	7,196	5,242
Agusan del Sur	31,833	26,988	29,438	22,743	24,419	26,053	29,674	31,055	31,856	23,616
Dinagat Islands	..	163	10	7	13	16	35	80	115	142
Surigao del Norte	823	987	993	653	497	630	798	768	595	560
Surigao del Sur	6,925	6,897	4,566	3,678	4,473	5,710	5,372	4,725	4,943	4,474
ARMM	295,922	332,065	312,329	284,128	298,812	275,964	277,590	282,295	261,157	300,002
Basilan	1,986	679	681	536	509	285	255	275	250	267
Lanao del Sur	115,937	133,442	114,353	107,527	114,507	113,536	103,293	107,111	106,067	127,906
Maguindanao	175,155	194,942	194,134	173,348	181,525	160,058	172,032	172,852	152,942	169,886
Sulu	1,506	1,520	1,389	1,299	1,129	1,133	1,236	1,256	1,305	1,319
Tawi-tawi	1,338	1,482	1,772	1,418	1,142	952	774	801	593	624

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.9.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
White Corn										
Philippines	**1,367,410**	**1,402,845**	**1,338,943**	**1,283,701**	**1,311,619**	**1,278,635**	**1,290,213**	**1,265,494**	**1,174,038**	**1,174,134**
CAR	8,759	8,856	8,350	8,538	8,437	8,413	8,368	8,125	7,497	7,198
Abra	5,806	6,332	6,332	6,342	6,241	6,250	6,249	6,199	6,232	6,192
Apayao	742	557	323	486	368	340	328	316	307	310
Benguet	34	34	34	32	32	34	35	35	30	30
Ifugao	1,000	750	650	583	733	733	733	733	311	90
Kalinga	890	925	725	849	760	770	770	770	571	471
Mountain Province	287	258	286	246	303	286	253	72	46	105
Ilocos Region	18,044	16,980	15,825	16,410	15,863	15,764	15,135	14,218	13,389	13,159
Ilocos Norte	5,168	5,484	4,897	4,607	4,611	4,905	4,399	3,968	3,779	3,503
Ilocos Sur	1,931	2,158	2,855	2,819	2,789	3,338	3,215	2,930	2,832	3,055
La Union	2,951	2,745	2,519	2,553	2,147	2,239	2,627	2,556	2,105	2,287
Pangasinan	7,994	6,593	5,554	6,431	6,316	5,282	4,894	4,764	4,673	4,314
Cagayan Valley	26,045	28,453	24,442	24,619	23,911	22,261	20,302	18,215	16,426	11,546
Batanes	..	..	..	..	38	29	63	45	28	35
Cagayan	11,373	12,749	10,988	12,526	13,324	13,720	12,366	11,424	10,125	6,075
Isabela	12,721	14,244	12,030	10,154	9,008	7,051	6,252	5,237	4,907	4,086
Nueva Vizcaya	1,506	1,275	1,244	1,624	1,336	1,326	1,428	1,302	1,124	798
Quirino	445	185	180	315	205	135	193	207	242	552
Central Luzon	10,243	9,496	10,673	9,910	10,309	11,534	11,149	11,465	11,237	11,681
Aurora	895	478	603	367	500	556	774	942	933	914
Bataan	491	396	561	507	383	535	420	471	493	446
Bulacan	723	818	896	917	981	1,067	1,146	1,154	1,158	1,200
Nueva Ecija	4,090	4,001	5,041	4,943	5,177	5,094	5,179	5,098	5,069	5,570
Pampanga	3,403	3,290	3,127	2,643	2,807	2,927	2,827	2,883	2,610	2,672
Tarlac	570	433	360	446	377	1,182	669	669	779	760
Zambales	71	80	85	87	84	173	134	248	195	119
CALABARZON	19,538	22,242	18,789	19,104	19,640	20,177	18,408	15,956	17,744	17,632
Batangas	7,339	7,868	7,918	7,724	6,467	7,845	7,845	5,537	5,508	6,434
Cavite	625	1,408	644	878	897	882	504	639	690	748
Laguna	1,136	958	1,009	999	1,076	1,018	797	686	1,060	1,245
Quezon	10,323	11,885	9,084	9,341	10,864	10,080	8,899	8,637	10,324	8,967
Rizal	115	123	134	162	336	352	363	457	162	238
MIMAROPA	6,665	7,324	6,431	7,277	6,698	7,396	7,697	7,393	7,479	7,357
Marinduque	208	559	145	164	151	220	144	143	189	177
Occidental Mindoro	2,860	3,325	3,371	3,108	3,003	3,470	3,290	3,371	3,334	3,325
Oriental Mindoro	402	141	101	100	38	77	230	305	300	210
Palawan	2,750	2,523	2,039	3,284	2,795	2,859	3,345	2,893	2,966	2,930
Romblon	445	776	775	621	711	770	688	681	690	715
Bicol Region	52,314	58,977	55,873	56,249	57,986	49,832	52,378	52,708	50,371	55,715
Albay	1,330	1,170	2,908	2,920	2,778	2,841	3,192	3,344	4,181	4,169
Camarines Norte	915	825	530	850	888	965	708	910	905	914
Camarines Sur	4,145	4,029	3,272	4,216	4,139	4,588	5,959	6,158	5,321	6,906
Catanduanes	181	197	199	211	191	231	241	299	299	739
Masbate	45,556	52,338	48,920	48,022	49,930	41,135	42,150	41,898	39,495	42,862
Sorsogon	187	418	44	30	60	72	128	99	170	125
Western Visayas	51,930	47,282	43,980	48,944	47,823	49,390	51,059	49,806	48,467	50,215
Aklan	102	240	170	142	297	484	383	390	320	295
Antique	573	697	276	449	474	387	435	388	347	364
Capiz	345	498	383	302	401	320	876	476	392	445
Guimaras	570	726	411	541	463	391	412	299	218	372
Iloilo	14,930	9,761	9,075	11,890	13,116	13,612	11,173	10,223	7,210	5,899
Negros Occidental	35,410	35,360	33,665	35,620	33,072	34,196	37,780	38,030	39,980	42,840
Central Visayas	229,946	228,429	215,342	211,863	205,919	196,995	192,422	186,858	173,691	163,086
Bohol	13,949	13,519	14,659	13,520	13,492	13,641	13,672	13,046	12,569	12,408
Cebu	119,201	123,445	121,291	115,307	113,722	109,662	106,505	103,503	92,304	85,185
Negros Oriental	88,590	83,211	71,767	75,652	71,906	67,498	66,254	64,236	62,872	59,426
Siquijor	8,206	8,254	7,625	7,384	6,799	6,194	5,991	6,073	5,946	6,067
Eastern Visayas	59,958	61,405	57,439	53,750	54,421	54,530	53,497	54,161	50,026	48,594
Biliran	431	471	426	429	434	407	407	409	409	379
Eastern Samar	111	124	137	134	135	141	146	146	112	151
Leyte	41,203	42,566	39,032	35,299	35,965	36,661	36,856	38,047	34,729	33,244
Northern Samar	7,440	7,307	6,705	6,723	6,723	6,773	6,797	6,805	6,800	6,980
Southern Leyte	5,342	5,361	5,226	5,043	5,030	4,431	4,121	3,653	2,869	2,058
Samar (Western Sama	5,431	5,576	5,913	6,122	6,134	6,117	5,170	5,101	5,107	5,782
Zamboanga Peninsula	117,140	122,980	131,786	116,766	122,390	116,110	121,492	121,659	135,856	129,975
Zamboanga del Norte	26,253	31,738	31,000	28,088	35,446	33,497	40,983	38,024	39,658	42,218
Zamboanga del Sur	80,991	74,877	84,614	74,297	74,173	69,768	66,852	69,662	81,734	73,541
Zamboanga Sibugay	8,109	13,799	13,090	11,482	9,993	9,648	10,340	11,003	11,491	11,251
Zamboanga City	1,787	2,566	3,082	2,899	2,778	3,197	3,317	2,970	2,973	2,965
Northern Mindanao	199,490	192,053	188,112	177,031	193,516	192,392	201,839	201,588	204,734	200,347
Bukidnon	32,342	26,990	27,973	22,363	27,546	31,221	37,869	37,359	43,562	41,545
Camiguin	452	393	385	431	431	407	383	344	271	271
Lanao del Norte	99,112	100,147	97,559	93,235	101,905	99,080	99,397	99,021	98,969	98,878
Misamis Occidental	24,527	21,160	23,391	22,764	25,182	24,609	26,330	27,030	27,212	27,605
Misamis Oriental	43,057	43,363	38,804	38,238	38,452	37,075	37,860	37,834	34,720	32,048
Davao Region	153,433	156,453	139,643	135,161	131,489	138,340	146,983	136,782	136,381	144,918
Davao del Norte	7,116	12,977	12,947	11,398	11,672	10,532	11,843	10,400	10,512	10,928
Davao del Sur	50,617	55,707	46,834	43,090	44,567	48,392	51,453	49,603	49,576	53,095
Davao Oriental	56,878	48,054	42,721	42,922	40,224	44,733	44,632	38,413	41,559	42,556
Compostela Valley	30,040	30,217	28,961	28,375	26,001	24,214	28,669	28,044	25,027	27,960
Davao City	8,782	9,498	8,180	9,376	9,025	10,469	10,386	10,322	9,707	10,379
SOCCSKSARGEN	152,362	153,429	140,535	136,648	130,601	133,318	130,093	121,494	112,497	118,732
North Cotabato	42,429	46,542	42,169	36,177	31,017	29,862	30,936	26,804	25,547	26,044
Sarangani	45,686	47,454	43,927	44,506	45,024	44,405	42,195	42,208	37,553	38,786
South Cotabato	37,214	33,427	29,486	30,726	30,270	32,777	32,362	29,341	26,679	29,436
Sultan Kudarat	27,033	26,006	24,953	25,239	24,290	26,274	24,600	23,141	22,718	24,466
Caraga	41,185	31,001	28,902	22,007	24,174	27,632	28,482	29,562	28,998	19,063
Agusan del Norte	9,544	3,783	3,317	3,107	3,883	4,763	5,110	4,572	4,795	3,295
Agusan del Sur	25,216	20,156	20,816	14,977	16,198	17,429	18,420	20,112	19,130	12,701
Dinagat Islands	..	163	10	7	13	16	10	75	95	112
Surigao del Norte	350	652	723	483	337	374	420	428	435	415
Surigao del Sur	6,075	6,247	4,036	3,433	3,743	5,050	4,522	4,375	4,543	2,540
ARMM	220,358	257,485	252,821	239,424	258,442	234,551	230,909	235,504	159,245	174,916
Basilan	1,986	679	681	536	509	285	255	275	250	267
Lanao del Sur	95,723	119,351	100,795	87,336	97,649	94,223	85,382	88,380	87,492	97,087
Maguindanao	119,805	134,453	148,184	148,835	158,013	137,958	143,262	144,792	69,605	75,619
Sulu	1,506	1,520	1,389	1,299	1,129	1,133	1,236	1,256	1,305	1,319
Tawi-tawi	1,338	1,482	1,772	1,418	1,142	952	774	801	593	624

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.9.1
PALAY AND CORN: AREA HARVESTED BY ECOSYSTEM/CROPTYPE AND GEOLOCATION *(concluded)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Yellow Corn										
Philippines	**1,293,611**	**1,281,045**	**1,160,097**	**1,260,911**	**1,282,304**	**1,285,083**	**1,321,219**	**1,296,440**	**1,310,427**	**1,378,459**
CAR	43,939	46,356	40,641	47,513	48,853	53,226	56,464	56,286	53,548	54,193
Abra	220	220	220	210	200	198	198	198	198	198
Apayao	4,106	4,296	3,691	4,857	5,444	6,399	6,872	6,432	6,288	6,730
Benguet	5	5	5	3	3	3	3	3	8	9
Ifugao	22,000	22,242	22,342	23,451	23,925	26,596	29,381	29,406	28,139	27,801
Kalinga	11,022	13,197	10,580	13,465	13,558	14,120	13,689	13,737	12,542	13,332
Mountain Province	6,586	6,396	3,803	5,527	5,723	5,910	6,321	6,510	6,373	6,123
Ilocos Region	56,416	56,173	59,517	60,773	66,930	68,342	72,628	73,390	76,380	81,711
Ilocos Norte	8,576	8,229	7,554	7,351	7,672	7,598	8,049	8,062	8,153	8,228
Ilocos Sur	12,040	11,308	9,553	10,034	10,663	10,965	11,398	11,774	12,401	12,806
La Union	2,245	2,130	2,534	2,943	3,332	3,631	3,915	4,007	4,156	5,124
Pangasinan	33,555	34,506	39,876	40,445	45,263	46,148	49,266	49,547	51,670	55,553
Cagayan Valley	364,492	388,668	340,281	397,476	408,553	394,562	417,427	407,750	398,023	403,247
Batanes	..	..	..	..	60	54	132	78	56	77
Cagayan	71,055	82,135	74,017	93,057	96,098	87,152	98,634	99,914	98,140	107,647
Isabela	253,068	257,599	227,022	256,770	259,750	266,090	263,014	253,187	246,732	242,192
Nueva Vizcaya	13,264	14,399	11,196	12,986	14,625	13,917	15,342	15,388	14,847	16,314
Quirino	27,105	34,535	28,046	34,663	38,020	27,349	40,305	39,183	38,248	37,017
Central Luzon	38,064	36,253	32,304	28,926	30,172	32,617	32,386	35,903	36,145	34,194
Aurora	3,963	4,652	3,380	2,636	3,390	3,454	3,642	3,598	3,903	3,433
Bataan	733	1,128	1,373	1,330	1,136	1,600	1,043	1,266	1,176	1,048
Bulacan	35	45	23	21	21	21	21	57	27	0
Nueva Ecija	2,570	2,470	1,023	1,044	1,226	1,874	1,923	2,854	2,579	2,678
Pampanga	8,675	8,252	8,085	7,799	7,846	8,116	8,075	8,241	8,411	8,326
Tarlac	21,812	19,441	18,360	16,021	16,476	17,346	17,543	19,776	19,801	18,533
Zambales	276	265	60	75	77	206	139	111	248	176
CALABARZON	14,913	12,962	10,898	12,754	13,440	13,729	16,110	13,229	17,340	17,171
Batangas	1,611	1,981	1,400	1,082	1,587	1,621	1,724	1,042	1,116	592
Cavite	420	536	529	414	521	526	517	488	141	230
Laguna	607	474	117	157	166	201	210	514	417	401
Quezon	12,156	9,858	8,674	10,928	11,018	11,203	13,471	10,984	15,543	15,640
Rizal	119	113	178	173	148	178	188	201	123	308
MIMAROPA	31,446	24,043	16,553	19,186	17,798	20,626	21,438	23,998	23,031	22,703
Marinduque	94	112	10	..	..	..	..	49	17	45
Occidental Mindoro	13,225	13,660	13,078	12,523	13,616	16,378	16,266	17,680	16,538	16,646
Oriental Mindoro	902	749	85	538	268	449	1,301	1,588	1,708	1,409
Palawan	17,090	9,342	3,342	6,090	3,899	3,799	3,871	4,671	4,735	4,505
Romblon	135	180	38	35	15	..	..	10	33	98
Bicol Region	47,960	47,738	45,939	51,994	54,978	59,750	61,218	50,317	57,173	58,901
Albay	18,013	18,089	17,951	18,830	20,257	19,613	18,295	16,156	16,871	16,922
Camarines Norte	190	188	100	171	168	169	136	166	173	174
Camarines Sur	28,332	27,936	27,009	32,675	34,340	39,178	42,053	33,192	39,325	40,739
Catanduanes	80	75	65	78	105	124	130	154	160	385
Masbate	1,259	842	789	230	80	635	547	515	552	621
Sorsogon	86	608	25	10	28	31	57	134	92	60
Western Visayas	90,518	78,487	68,522	73,272	74,746	74,556	73,253	70,351	58,788	59,634
Aklan	366	735	467	919	746	757	722	782	942	1,051
Antique	2,533	2,782	598	1,450	1,500	1,167	1,417	1,109	1,161	1,322
Capiz	23,512	21,533	15,516	14,498	15,321	15,529	16,229	16,287	13,587	13,120
Guimaras	527	527	279	121	58	85	140	86	159	152
Iloilo	40,800	29,510	28,738	32,094	31,321	31,516	28,445	27,017	18,020	17,909
Negros Occidental	22,780	23,400	22,924	24,190	25,800	25,502	26,300	25,070	24,919	26,080
Central Visayas	6,302	3,044	638	575	351	946	667	438	576	681
Bohol	376	297	83	53	40	150	197	5	2	15
Cebu	3,698	1,439	398	315	170	460	189	209	277	428
Negros Oriental	2,126	1,241	132	182	119	257	280	221	297	238
Siquijor	102	67	25	25	22	79	1	3	..	0
Eastern Visayas	5,798	7,058	7,233	7,200	7,278	7,192	7,255	7,248	7,061	5,078
Biliran	163	180	156	161	162	162	162	162	162	157
Eastern Samar	90	99	110	116	115	116	121	123	81	114
Leyte	3,662	4,394	4,348	4,287	4,363	4,320	4,432	4,473	4,347	2,570
Northern Samar	1,550	1,552	1,765	1,783	1,783	1,792	1,805	1,774	1,774	1,547
Southern Leyte	333	339	335	328	333	269	259	254	216	174
Samar (Western Sama	..	494	519	525	522	533	476	462	481	516
Zamboanga Peninsula	11,921	12,870	10,773	15,641	12,589	9,839	8,624	9,931	9,699	11,086
Zamboanga del Norte	744	2,747	1,509	1,618	437	534	547	840	944	1,061
Zamboanga del Sur	9,131	7,640	7,178	11,617	9,274	6,594	5,440	6,279	6,328	6,949
Zamboanga Sibugay	621	822	634	531	705	610	625	613	534	1,213
Zamboanga City	1,425	1,661	1,452	1,875	2,173	2,101	2,012	2,199	1,893	1,863
Northern Mindanao	184,205	189,320	177,843	187,028	183,284	180,173	172,807	175,452	166,072	174,168
Bukidnon	164,835	171,496	161,021	163,641	164,554	158,368	150,130	153,393	143,678	150,835
Camiguin	17	25	31	50	56	50	57	68	57	76
Lanao del Norte	7,400	5,250	5,940	10,817	4,761	7,910	8,212	8,746	10,002	10,070
Misamis Occidental	1,133	2,125	1,156	894	1,013	1,021	1,108	1,047	1,089	1,105
Misamis Oriental	10,820	10,424	9,695	11,626	12,900	12,824	13,300	12,198	11,246	12,082
Davao Region	34,929	18,221	13,639	13,920	14,588	21,038	22,323	17,616	18,203	20,718
Davao del Norte	9,906	5,075	4,276	4,535	3,865	4,640	4,942	4,168	4,039	5,154
Davao del Sur	5,125	1,742	830	2,253	3,110	8,924	7,629	5,338	5,999	6,565
Davao Oriental	6,660	2,086	1,582	702	478	1,285	901	777	965	1,313
Compostela Valley	9,903	7,873	5,687	5,313	5,782	4,709	6,605	5,624	5,540	6,105
Davao City	3,335	1,445	1,264	1,117	1,353	1,480	2,246	1,709	1,660	1,581
SOCCSKSARGEN	277,859	276,753	265,109	290,402	298,718	296,689	298,463	294,906	270,769	294,917
North Cotabato	91,461	84,912	77,442	95,230	98,891	100,191	99,763	98,891	83,273	85,902
Sarangani	27,868	26,809	24,900	26,460	25,859	25,886	26,247	24,921	24,741	26,102
South Cotabato	106,000	107,591	108,497	110,868	113,930	113,305	116,005	113,850	105,973	121,065
Sultan Kudarat	52,530	57,441	54,270	57,844	60,038	57,307	56,448	57,244	56,782	61,848
Caraga	9,285	8,519	10,699	9,547	9,656	10,385	13,475	12,834	15,707	14,971
Agusan del Norte	1,345	702	1,277	1,366	545	845	968	1,196	2,401	1,947
Agusan del Sur	6,617	6,832	8,622	7,766	8,221	8,624	11,254	10,943	12,726	10,915
Dinagat Islands	..	..	..	..	..	..	25	5	20	30
Surigao del Norte	473	335	270	170	160	256	378	340	160	145
Surigao del Sur	850	650	530	245	730	660	850	350	400	1,934
ARMM	75,564	74,580	59,508	44,704	40,370	41,413	46,681	46,791	101,912	125,086
Basilan	..	..	..	..	..	..	..	..	..	0
Lanao del Sur	20,214	14,091	13,558	20,191	16,858	19,313	17,911	18,731	18,575	30,819
Maguindanao	55,350	60,489	45,950	24,513	23,512	22,100	28,770	28,060	83,337	94,267
Sulu	..	..	..	..	..	..	..	..	..	0
Tawi-tawi	..	..	..	..	..	..	..	..	..	0

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Abaca										
Philippines	137,520	135,081	135,090	138,991	138,524	138,369	134,773	134,194	134,427	132,463
CAR	870	870	579	579	550	499	481	430	249	249
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	870	870	579	579	550	499	481	430	249	249
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	508	510	520	529	534	543	600	605	625	694
Aurora	508	510	520	529	534	543	600	605	625	694
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	294	250	251	345	352	331	331	331	354	354
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	58	58	58	58	58	58	58	58	58	58
Quezon	216	172	172	266	273	273	273	273	296	296
Rizal	21	21	21	21	21	..	..	..	..	..
MIMAROPA	1,127	1,172	1,183	1,369	1,409	1,434	1,424	1,422	1,307	1,312
Marinduque	71	71	71	71	71	71	61	50	50	44
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	673	681	692	698	698	723	723	732	617	628
Palawan	383	420	420	600	640	640	640	640	640	640
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	42,662	42,662	41,748	42,864	42,171	44,509	45,254	45,254	45,254	43,225
Albay	5,300	5,300	5,300	5,300	5,400	5,500	5,500	5,500	5,500	4,815
Camarines Norte	1,023	1,023	1,023	1,010	1,025	1,025	1,025	1,025	1,025	1,025
Camarines Sur	6,679	6,679	6,679	6,679	6,712	6,712	6,712	6,712	6,712	6,712
Catanduanes	22,384	22,384	22,384	22,384	22,384	24,622	25,367	25,367	25,367	24,023
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	7,276	7,276	6,362	7,491	6,650	6,650	6,650	6,650	6,650	6,650
Western Visayas	4,001	3,946	3,903	6,562	6,567	6,530	6,334	6,711	6,782	6,831
Aklan	1,546	1,546	1,546	4,208	4,208	4,208	4,016	4,336	4,377	4,377
Antique	955	958	940	920	915	895	860	870	870	914
Capiz	200	200	175	175	185	185	210	210	240	245
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	1,271	1,213	1,213	1,230	1,230	1,213	1,213	1,225	1,225	1,225
Negros Occidental	29	29	29	29	29	29	35	70	70	70
Central Visayas	3,097	3,097	3,097	3,338	3,338	3,325	3,269	3,259	3,259	3,145
Bohol	187	187	187	187	187	174	114	114	114	..
Cebu	170	170	170	190	190	190	195	195	195	195
Negros Oriental	2,740	2,740	2,740	2,961	2,961	2,961	2,960	2,950	2,950	2,950
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	44,943	42,388	40,602	39,513	37,780	36,237	31,601	30,499	30,919	30,698
Biliran	1,578	1,578	1,612	1,613	1,614	1,618	1,452	1,452	1,455	1,460
Eastern Samar	2,989	2,929	2,929	2,875	2,875	2,875	1,875	1,254	1,254	1,000
Leyte	16,400	16,120	14,900	13,860	13,020	11,970	8,670	8,200	8,250	8,250
Northern Samar	11,624	12,033	12,033	12,033	12,033	12,033	12,033	12,033	12,030	12,040
Southern Leyte	2,128	2,128	2,128	2,128	2,128	2,120	1,950	1,950	1,950	1,950
Samar (Western Sama	10,224	7,600	7,000	7,004	6,110	5,621	5,621	5,610	5,980	5,998
Zamboanga Peninsula	1,869	1,919	1,932	1,948	1,955	1,965	1,997	1,973	1,988	1,996
Zamboanga del Norte	884	885	894	907	907	910	910	915	915	925
Zamboanga del Sur	300	300	305	308	310	315	317	318	318	318
Zamboanga Sibugay	488	538	538	538	538	420	420	390	390	388
Zamboanga City	197	196	195	195	200	320	350	350	365	365
Northern Mindanao	4,990	5,036	4,834	4,816	5,376	5,381	5,194	5,196	5,195	5,280
Bukidnon	3,090	3,090	3,090	3,100	3,100	3,105	3,108	3,110	3,110	3,110
Camiguin	254	254	50	30	30	30	30	30	29	29
Lanao del Norte	644	648	640	642	842	842	642	642	642	642
Misamis Occidental	644	644	654	644	644	644	649	649	649	649
Misamis Oriental	358	400	400	400	760	760	765	765	765	850
Davao Region	10,777	10,808	12,166	13,544	14,624	13,187	13,808	13,929	13,925	14,083
Davao del Norte	90	111	118	134	142	130	137	143	137	134
Davao del Sur	3,285	3,295	4,598	5,756	6,845	6,245	6,248	6,335	6,335	6,341
Davao Oriental	6,972	6,972	6,980	7,185	7,167	6,422	6,972	6,981	6,993	6,998
Compostela Valley	410	410	450	450	450	369	430	435	435	560
Davao City	20	20	20	19	20	21	21	35	25	50
SOCCSKSARGEN	4,555	4,589	4,582	4,615	5,899	5,924	6,002	6,018	6,003	6,028
North Cotabato	58	52	45	35	53	65	72	82	65	65
Sarangani	1,586	1,581	1,581	1,582	1,585	1,600	1,650	1,655	1,650	1,660
South Cotabato	2,900	2,945	2,945	2,989	4,255	4,255	4,276	4,276	4,276	4,292
Sultan Kudarat	11	11	11	9	6	4	4	5	12	11
Caraga	9,912	9,920	11,780	10,949	9,911	10,437	10,447	10,477	10,482	10,482
Agusan del Norte	3,250	3,250	3,250	2,500	1,625	1,620	1,630	1,630	1,635	1,635
Agusan del Sur	3,180	3,190	3,230	3,229	3,186	3,236	3,236	3,266	3,266	3,266
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	362	360	300	220	100	81	81	81	81	81
Surigao del Sur	3,120	3,120	5,000	5,000	5,000	5,500	5,500	5,500	5,500	5,500
ARMM	7,914	7,914	7,913	8,020	8,057	8,067	8,031	8,091	8,086	8,086
Basilan	241	241	241	241	241	241	200	150	150	150
Lanao del Sur	2,460	2,460	2,460	2,460	2,460	2,475	2,475	2,570	2,570	2,570
Maguindanao	105	105	104	103	100	95	90	90	85	85
Sulu	5,102	5,102	5,102	5,210	5,250	5,250	5,260	5,275	5,275	5,275
Tawi-tawi	6	6	6	6	6	6	6	6	6	6

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cacao										
Philippines	9,751	9,538	9,462	9,582	9,339	9,431	12,035	13,911	14,816	18,264
CAR	26	26	27	29	31	40	52	52	57	50
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	12	12	12	12	15	20	30	30	30	23
Benguet	12	12	12	12	11	10	10	10	10	10
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	2	2	3	5	5	10	10	10	15	15
Mountain Province	..	..	..	..	..	..	2	2	2	2
Ilocos Region	74	73	73	70	69	70	96	134	140	141
Ilocos Norte	6	6	6	6	6	7	25	30	30	30
Ilocos Sur	17	17	18	18	18	18	25	25	30	30
La Union	17	17	17	17	17	17	17	16	17	17
Pangasinan	34	33	32	29	28	28	29	63	63	64
Cagayan Valley	216	222	222	220	297	521	521	526	569	657
Batanes	..	..	..	..	1	1	1	1	1	1
Cagayan	120	125	125	125	196	383	383	388	428	514
Isabela	73	74	74	72	77	106	106	106	106	106
Nueva Vizcaya	15	15	15	15	15	23	23	23	25	27
Quirino	8	8	8	8	8	8	8	8	9	9
Central Luzon	33	33	32	36	38	41	43	143	187	179
Aurora	29	29	29	33	35	38	40	90	160	160
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	4	4	3	3	3	3	3	3	3	3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	50	24	16
CALABARZON	340	340	330	328	328	331	331	336	438	444
Batangas	10	10	10	8	8	8	8	8	8	10
Cavite	120	120	120	120	120	120	120	125	127	129
Laguna	10	10	10	10	10	13	13	13	20	22
Quezon	200	200	190	190	190	190	190	190	283	283
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	74	82	90	95	94	99	127	109	114	122
Marinduque	2	2	2	2	2	2	2	2	2	2
Occidental Mindoro	..	..	..	..	..	..	..	..	4	9
Oriental Mindoro	21	21	21	20	19	17	39	22	22	22
Palawan	40	48	56	62	62	69	75	75	77	80
Romblon	11	11	11	11	11	11	10	10	9	9
Bicol Region	284	284	284	283	285	287	287	272	273	275
Albay	85	85	85	85	85	85	85	85	85	85
Camarines Norte	11	11	11	10	10	10	10	10	10	10
Camarines Sur	40	40	40	40	40	42	42	42	43	42
Catanduanes	3	3	3	3	3	3	3	3	3	3
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	145	145	145	145	147	147	147	132	132	135
Western Visayas	123	115	114	113	113	126	117	116	128	129
Aklan	41	34	34	34	33	33	11	11	11	11
Antique	9	8	9	8	7	7	7	6	6	6
Capiz	21	21	21	21	21	21	19	19	21	22
Guimaras	3	3	3	3	3	5	5	5	15	15
Iloilo	24	24	22	22	25	35	50	50	50	50
Negros Occidental	25	25	25	25	25	25	25	25	25	25
Central Visayas	155	153	149	149	168	182	185	197	236	238
Bohol	63	63	63	63	63	63	63	65	95	95
Cebu	36	36	32	32	33	35	38	38	42	42
Negros Oriental	42	40	40	40	58	70	70	80	85	87
Siquijor	14	14	14	14	14	14	14	14	14	14
Eastern Visayas	395	379	362	339	334	322	254	253	257	255
Biliran	58	57	55	50	49	48	39	40	41	42
Eastern Samar	37	35	35	35	35	35	30	30	30	30
Leyte	66	65	60	57	56	55	39	37	40	41
Northern Samar	94	97	97	97	97	97	97	97	95	95
Southern Leyte	15	15	15	15	15	15	14	14	16	14
Samar (Western Sama	125	110	100	85	82	72	35	35	35	33
Zamboanga Peninsula	527	446	425	394	359	348	340	530	603	641
Zamboanga del Norte	220	220	224	224	225	225	225	400	465	499
Zamboanga del Sur	212	126	98	67	32	21	20	20	26	30
Zamboanga Sibugay	90	95	98	98	98	98	90	101	101	101
Zamboanga City	5	5	5	5	4	4	5	9	11	11
Northern Mindanao	941	937	927	877	877	678	663	622	620	1,051
Bukidnon	460	460	450	400	400	200	170	158	158	158
Camiguin	32	32	32	32	32	34	34	34	32	35
Lanao del Norte	387	387	387	387	387	387	387	350	350	350
Misamis Occidental	50	50	50	50	50	50	50	58	58	58
Misamis Oriental	12	8	8	8	8	7	22	22	22	450
Davao Region	4,945	4,945	4,958	5,226	5,151	5,193	7,451	8,938	9,528	11,317
Davao del Norte	920	920	928	932	936	1,045	1,854	1,936	2,078	2,200
Davao del Sur	1,385	1,385	1,385	1,385	1,355	1,355	977	1,500	1,500	1,500
Davao Oriental	682	682	682	842	842	892	942	950	958	1,437
Compostela Valley	670	670	675	735	675	549	1,856	1,956	2,365	2,415
Davao City	1,288	1,288	1,288	1,332	1,343	1,352	1,822	2,596	2,627	3,765
SOCCSKSARGEN	137	133	130	134	161	177	436	525	505	1,511
North Cotabato	15	12	12	11	24	33	120	125	120	1,115
Sarangani	50	48	45	42	41	41	100	125	120	125
South Cotabato	51	55	55	65	80	85	96	105	95	101
Sultan Kudarat	21	18	18	16	16	18	120	170	170	170
Caraga	855	855	840	825	585	570	701	735	741	849
Agusan del Norte	200	200	195	190	50	35	35	35	36	36
Agusan del Sur	395	395	385	385	385	385	511	545	545	652
Dinagat Islands	..	..	..	..	..	5	5	5	5	6
Surigao del Norte	90	90	90	82	70	65	70	70	70	70
Surigao del Sur	170	170	170	168	80	80	80	80	85	85
ARMM	625	515	500	464	449	447	431	422	419	406
Basilan	35	35	35	35	35	45	35	35	35	25
Lanao del Sur	350	250	250	250	250	250	250	250	250	250
Maguindanao	35	35	30	25	20	18	17	13	10	9
Sulu	200	190	180	150	140	130	125	120	120	118
Tawi-tawi	5	5	5	4	4	4	4	4	4	4

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cashew										
Philippines	27,517	27,428	28,114	28,204	28,316	28,663	28,602	28,639	28,654	28,631
CAR	2	2	2	2	2	2	2	2	2	1
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	2	2	2	2	2	2	2	2	2	1
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	486	486	475	472	470	460	450	451	451	451
Ilocos Norte	26	24	20	18	16	16	16	18	18	18
Ilocos Sur	12	12	12	11	11	11	11	10	10	10
La Union	3	3	3	3	3	3	3	3	3	3
Pangasinan	445	447	440	440	440	430	420	420	420	420
Cagayan Valley	35	36	30	29	29	26	26	22	18	19
Batanes	..	..	..	..	..	0	0	0	0	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	6	6	6	5	5	5	5	5	5	5
Nueva Vizcaya	29	30	24	24	24	21	21	17	13	14
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1,575	1,572	1,560	1,522	1,471	1,422	1,362	1,394	1,352	1,327
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	638	638	638	600	550	500	450	450	450	425
Bulacan	23	20	20	20	20	21	21	21	21	21
Nueva Ecija	580	580	568	568	568	568	560	560	550	550
Pampanga	3	3	3	3	2	2	2	2	2	2
Tarlac	21	21	21	21	21	21	21	21	21	21
Zambales	310	310	310	310	310	310	308	340	308	308
CALABARZON	32	32	32	32	27	27	27	28	28	28
Batangas	2	2	2	2	..	..	..	1	1	1
Cavite	23	23	23	23	20	20	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	5	5	5	5	5	5	5	5	5	5
MIMAROPA	24,410	24,425	25,180	25,335	25,528	25,978	26,015	26,020	26,094	26,108
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	60	65	70	75	78	78	85	85	104	115
Oriental Mindoro	..	..	..	..	..	..	..	5	5	5
Palawan	24,350	24,360	25,110	25,260	25,450	25,900	25,930	25,930	25,985	25,988
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	428	431	431	434	434	433	415	435	429	429
Aklan	1	1	1	1	1	1	1	1	1	1
Antique	15	13	13	13	13	12	12	12	11	11
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	410	415	415	418	418	418	400	420	415	415
Iloilo	1	1	1	1	1	1	1	1	1	1
Negros Occidental	1	1	1	1	1	1	1	1	1	1
Central Visayas	20	20	20	20	20	20	20	20	20	20
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	20	20	20	20	20	20	20	20	20	20
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	39	40	40	39	33	32	30	30	26	26
Zamboanga del Norte	28	29	29	29	25	25	23	23	20	20
Zamboanga del Sur	9	9	9	8	6	5	5	5	4	4
Zamboanga Sibugay	2	2	2	2	2	2	2	2	2	2
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	137	54	54	54	54	50	49	49	49	49
Bukidnon	90	10	10	10	10	7	6	6	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	40	37	37	37	37	36	36	36	36	36
Davao Region	302	282	241	220	208	173	166	155	150	140
Davao del Norte	6	6	6	6	6	6	6	6	6	6
Davao del Sur	3	3	2	2	2	2	2	2	2	2
Davao Oriental	290	270	230	210	198	163	156	145	140	130
Compostela Valley	2	2	2	1	1	1	1	1	1	1
Davao City	1	1	1	1	1	1	1	1	1	1
SOCCSKSARGEN	11	11	11	11	11	11	11	11	10	10
North Cotabato	2	2	2	2	2	2	2	2	2	2
Sarangani	3	3	3	3	3	3	3	3	3	2
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	35	33	33	29	24	24	24	18	20	20
Agusan del Norte	3	2	2	2	2	2	2	1	1	1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	3	3
Surigao del Norte	28	28	28	25	20	20	20	15	15	15
Surigao del Sur	4	3	3	2	2	2	2	2	1	1
ARMM	2	2	2	2	2	2	2	2	1	1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2	2	2	2	2	2	2	2	1	1
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coconut										
Philippines	3,379,741	3,401,500	3,575,944	3,561,981	3,574,614	3,551,299	3,502,011	3,517,743	3,565,059	3,612,304
CAR	281	281	281	285	300	332	362	378	375	333
Abra	65	65	65	65	65	65	65	65	65	65
Apayao	50	50	50	55	70	100	130	130	130	88
Benguet	9	9	9	9	9	9	9	9	9	9
Ifugao	21	21	21	21	21	22	22	22	22	22
Kalinga	84	84	84	84	84	84	84	100	100	100
Mountain Province	52	52	52	51	51	52	52	52	49	49
Ilocos Region	11,458	11,540	11,740	11,911	11,986	12,182	12,434	12,431	12,693	12,498
Ilocos Norte	1,656	1,700	1,900	2,126	2,200	2,378	2,630	2,653	2,717	2,728
Ilocos Sur	1,218	1,218	1,218	1,152	1,152	1,162	1,162	1,138	1,138	1,146
La Union	1,014	1,014	1,014	1,032	1,032	1,040	1,040	1,040	1,257	1,257
Pangasinan	7,570	7,608	7,608	7,601	7,602	7,602	7,602	7,600	7,581	7,367
Cagayan Valley	13,650	13,661	13,661	13,781	14,591	15,044	15,011	15,131	15,245	15,189
Batanes	..	..	..	..	808	808	740	740	742	711
Cagayan	6,564	6,563	6,563	6,593	6,590	6,703	6,738	6,848	6,890	6,856
Isabela	5,448	5,450	5,450	5,450	5,455	5,505	5,505	5,515	5,520	5,514
Nueva Vizcaya	1,110	1,120	1,120	1,210	1,210	1,500	1,500	1,500	1,465	1,480
Quirino	528	528	528	528	528	528	528	528	628	628
Central Luzon	24,086	24,088	24,088	24,088	24,068	24,037	26,305	26,540	27,873	28,126
Aurora	22,180	22,180	22,180	22,180	22,180	22,180	24,458	24,670	26,000	26,198
Bataan	850	845	845	845	830	800	792	800	805	859
Bulacan	244	246	246	246	246	246	246	246	244	245
Nueva Ecija	143	143	143	143	143	142	142	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	340	345	345	345	340	340	338	353	353	353
CALABARZON	343,578	343,568	438,673	438,253	438,733	440,640	451,100	448,905	485,208	485,211
Batangas	36,990	36,990	36,990	36,590	36,590	36,490	36,300	36,305	36,305	36,305
Cavite	13,620	13,620	13,620	13,600	13,600	13,607	13,607	13,607	13,607	13,607
Laguna	62,248	62,248	62,248	62,248	62,248	62,248	62,200	60,000	60,000	60,000
Quezon	230,440	230,440	325,545	325,545	326,025	328,025	338,723	338,723	375,026	375,026
Rizal	280	270	270	270	270	270	270	270	270	273
MIMAROPA	161,858	179,321	181,784	192,687	199,434	199,966	204,106	209,118	214,650	216,939
Marinduque	35,288	35,290	35,448	35,448	35,446	35,446	35,450	35,455	35,455	35,455
Occidental Mindoro	1,732	1,734	1,738	1,738	1,740	1,745	1,750	1,752	1,758	1,765
Oriental Mindoro	28,355	28,360	28,361	28,365	28,365	28,295	28,065	32,770	32,532	32,514
Palawan	38,650	56,200	58,500	69,450	76,200	76,800	81,200	81,500	88,200	90,500
Romblon	57,833	57,737	57,737	57,686	57,683	57,680	57,641	57,641	56,705	56,705
Bicol Region	447,743	447,764	452,679	452,681	453,501	452,967	453,704	454,013	454,349	454,020
Albay	40,180	40,200	40,200	40,200	41,000	41,000	41,000	41,000	41,007	41,007
Camarines Norte	85,375	85,376	85,378	85,380	85,400	85,405	85,405	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	14,375	14,375	14,735	14,735	14,735	14,735	15,472	15,781	16,110	15,781
Masbate	91,076	91,076	95,629	95,629	95,629	95,629	95,629	95,629	95,629	95,629
Sorsogon	97,692	97,692	97,692	97,692	97,692	97,153	97,153	97,153	97,153	97,153
Western Visayas	122,785	119,663	119,922	120,774	121,153	127,245	108,832	109,438	109,972	110,442
Aklan	31,656	28,630	28,630	29,482	29,482	29,482	17,530	17,530	17,530	17,530
Antique	17,164	17,114	17,119	17,119	17,119	23,086	24,317	24,317	24,318	24,317
Capiz	15,641	15,595	15,849	15,849	16,158	16,158	10,922	11,428	11,911	12,422
Guimaras	7,125	7,125	7,125	7,125	7,175	7,300	7,300	7,400	7,400	7,410
Iloilo	16,600	16,600	16,600	16,600	16,620	16,620	14,185	14,185	14,235	14,185
Negros Occidental	34,599	34,599	34,599	34,599	34,599	34,599	34,578	34,578	34,578	34,578
Central Visayas	128,646	128,707	128,677	128,533	128,660	128,666	126,347	124,950	124,940	124,940
Bohol	35,223	35,223	35,198	35,193	35,293	35,293	35,293	35,258	35,278	35,278
Cebu	42,590	42,595	42,594	42,450	42,490	42,490	40,174	38,812	38,812	38,812
Negros Oriental	45,549	45,549	45,545	45,545	45,530	45,530	45,525	45,525	45,525	45,525
Siquijor	5,284	5,340	5,340	5,345	5,347	5,353	5,355	5,355	5,325	5,325
Eastern Visayas	378,968	383,546	434,539	417,786	419,540	419,640	322,089	322,050	320,201	328,777
Biliran	20,633	20,712	20,428	20,432	20,449	20,498	20,245	20,250	20,255	20,260
Eastern Samar	46,240	46,240	62,361	62,361	62,357	62,357	40,310	40,310	40,310	48,372
Leyte	156,530	158,340	166,257	166,257	167,973	167,974	94,744	94,700	94,744	94,745
Northern Samar	77,925	80,612	85,610	85,611	85,611	85,661	85,661	85,661	83,750	84,250
Southern Leyte	45,640	45,642	66,883	50,125	50,150	50,150	49,000	49,000	49,000	49,000
Samar (Western Sama	32,000	32,000	33,000	33,000	33,000	33,000	32,129	32,129	32,142	32,150
Zamboanga Peninsula	368,365	369,013	372,972	375,080	377,389	380,919	417,314	420,798	423,792	453,994
Zamboanga del Norte	168,800	168,960	169,030	170,889	172,900	172,900	208,870	208,870	208,875	239,079
Zamboanga del Sur	127,300	127,300	127,295	127,287	127,280	127,277	127,272	127,273	127,354	127,354
Zamboanga Sibugay	49,943	50,393	54,086	54,344	54,344	57,772	57,772	61,182	61,182	61,180
Zamboanga City	22,322	22,360	22,560	22,560	22,865	22,970	23,400	23,473	26,381	26,381
Northern Mindanao	299,905	300,575	301,257	301,697	301,660	302,433	302,818	302,818	302,816	302,816
Bukidnon	9,470	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500
Camiguin	14,859	14,859	14,859	14,860	14,860	14,872	14,872	14,872	14,870	14,870
Lanao del Norte	75,327	75,327	76,002	76,248	76,211	77,186	77,571	77,571	77,571	77,571
Misamis Occidental	97,631	97,631	97,638	97,831	97,831	97,631	97,631	97,631	97,631	97,631
Misamis Oriental	102,618	103,258	103,258	103,258	103,258	103,244	103,244	103,244	103,244	103,244
Davao Region	375,932	375,922	375,885	375,630	375,622	348,483	356,480	357,497	357,453	357,890
Davao del Norte	39,276	39,258	39,221	39,116	39,112	39,084	39,063	39,044	39,028	38,990
Davao del Sur	97,012	97,012	97,012	97,012	97,012	97,007	97,007	97,007	97,007	97,007
Davao Oriental	155,697	155,705	155,705	155,905	155,905	145,679	143,584	144,084	144,056	144,556
Compostela Valley	51,504	51,504	51,504	51,154	51,154	34,275	44,388	44,932	44,932	44,932
Davao City	32,443	32,443	32,443	32,443	32,439	32,438	32,438	32,430	32,430	32,405
SOCCSKSARGEN	168,969	169,254	185,021	175,764	176,752	184,961	186,111	193,933	190,841	192,721
North Cotabato	37,000	37,285	40,950	42,700	42,710	46,100	46,200	46,220	46,230	46,235
Sarangani	78,457	78,457	89,424	78,457	78,465	80,500	81,000	88,752	82,000	83,875
South Cotabato	32,123	32,123	32,123	32,283	32,283	32,283	32,283	32,283	32,283	32,283
Sultan Kudarat	21,389	21,389	22,524	22,324	23,294	26,078	26,628	26,678	30,328	30,328
Caraga	219,102	219,107	219,121	218,613	215,285	191,107	191,108	191,103	193,019	196,774
Agusan del Norte	26,700	26,700	26,700	26,700	33,486	33,486	33,486	33,486	35,400	35,400
Agusan del Sur	12,550	12,555	12,561	12,561	14,884	14,884	14,885	14,885	14,885	14,885
Dinagat Islands	..	..	..	..	..	4,600	4,593	4,593	4,593	4,600
Surigao del Norte	90,000	90,000	90,000	89,500	89,500	60,722	60,729	60,729	60,729	60,729
Surigao del Sur	89,852	89,852	89,860	89,852	77,415	77,415	77,415	77,410	77,412	81,160
ARMM	314,415	315,490	315,645	314,418	315,940	322,677	327,890	328,640	331,633	331,634
Basilan	67,763	67,763	68,003	66,763	66,763	64,763	64,700	64,700	64,400	64,400
Lanao del Sur	46,380	46,380	46,380	46,380	46,381	46,381	46,381	46,381	46,381	46,381
Maguindanao	93,275	94,350	94,355	94,415	95,896	104,526	109,752	109,752	113,045	113,046
Sulu	66,940	66,940	66,850	66,800	66,840	66,950	67,000	67,750	67,750	67,750
Tawi-tawi	40,057	40,057	40,057	40,060	40,060	40,057	40,057	40,057	40,057	40,057

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee										
Philippines	123,269	122,645	121,399	119,637	120,000	116,460	117,451	113,738	114,839	112,843
CAR	7,270	6,980	6,866	6,720	6,716	6,695	6,681	6,631	6,322	6,289
Abra	47	47	47	47	47	47	47	47	47	47
Apayao	116	116	116	109	135	140	130	121	123	105
Benguet	303	308	322	322	321	321	341	340	340	340
Ifugao	2,532	2,526	2,520	2,513	2,513	2,511	2,511	2,511	2,251	2,251
Kalinga	3,475	3,475	3,475	3,431	3,431	3,427	3,427	3,429	3,427	3,426
Mountain Province	797	508	386	298	269	249	225	183	134	120
Ilocos Region	120	120	118	119	121	121	173	352	616	737
Ilocos Norte	7	6	5	4	4	3	38	41	294	400
Ilocos Sur	86	86	86	88	88	88	102	182	188	196
La Union	23	23	23	23	25	25	28	28	33	40
Pangasinan	5	4	4	4	5	5	5	101	101	101
Cagayan Valley	2,863	2,873	2,872	2,578	2,523	2,651	2,913	2,922	3,544	3,676
Batanes	..	..	..	..	1	1	1	1	0	..
Cagayan	235	245	245	245	258	282	282	282	361	489
Isabela	37	37	37	37	37	127	127	127	127	123
Nueva Vizcaya	2,400	2,400	2,400	2,125	2,125	2,125	2,125	2,133	2,130	2,138
Quirino	191	191	190	171	102	116	379	379	926	926
Central Luzon	1,897	1,887	1,887	1,892	1,892	1,911	1,906	1,957	1,703	1,474
Aurora	750	740	740	745	745	765	765	766	715	835
Bataan	350	350	350	350	350	340	343	343	343	340
Bulacan	533	533	533	533	533	548	548	548	548	202
Nueva Ecija	260	260	260	260	260	258	250	250	..	..
Pampanga	4	4	4	4	4	..	..	..	30	30
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	50	67	67
CALABARZON	14,650	14,306	14,352	13,599	13,563	13,564	13,466	13,409	13,472	13,319
Batangas	4,885	4,579	4,579	3,892	3,892	3,892	3,892	3,897	3,897	3,752
Cavite	8,205	8,210	8,335	8,335	8,335	8,331	8,310	8,250	8,250	8,250
Laguna	637	637	615	625	625	630	620	618	621	614
Quezon	863	820	763	687	651	651	584	584	644	643
Rizal	60	60	60	60	60	60	60	60	60	60
MIMAROPA	935	911	883	855	840	800	947	933	930	932
Marinduque	25	25	25	25	25	23	152	148	148	148
Occidental Mindoro	..	..	..	..	..	..	..	..	..	7
Oriental Mindoro	203	199	197	198	202	188	221	221	221	221
Palawan	707	687	661	632	613	589	574	564	561	556
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	867	838	838	815	814	793	793	737	694	606
Albay	335	335	335	335	335	335	335	300	300	230
Camarines Norte	45	45	45	43	42	43	43	43	43	43
Camarines Sur	213	213	213	213	213	213	213	210	210	192
Catanduanes	11	11	11	11	11	11	11	11	9	9
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	263	234	234	213	213	191	191	173	132	132
Western Visayas	10,133	10,106	9,956	9,961	9,957	9,954	9,878	9,857	9,897	9,905
Aklan	28	25	22	22	19	20	16	16	16	16
Antique	112	112	115	115	115	112	111	109	109	109
Capiz	2,025	2,020	2,020	2,015	2,013	2,013	1,913	1,933	1,933	1,931
Guimaras	98	103	103	113	113	118	115	102	99	109
Iloilo	5,903	5,879	5,729	5,729	5,729	5,724	5,756	5,730	5,740	5,740
Negros Occidental	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	2,000	2,000
Central Visayas	1,255	1,396	1,546	1,784	1,890	1,802	1,717	1,702	2,531	2,122
Bohol	185	183	282	291	402	402	402	407	407	407
Cebu	11	12	19	253	253	183	98	78	840	430
Negros Oriental	1,056	1,198	1,243	1,239	1,235	1,217	1,217	1,217	1,284	1,285
Siquijor	3	3	2	1	1	1	1	1	1	1
Eastern Visayas	411	379	351	346	315	292	173	172	169	165
Biliran	6	6	6	6	5	5	4	5	5	6
Eastern Samar	12	12	12	12	12	12	11	11	11	11
Leyte	184	173	165	160	150	145	69	69	69	69
Northern Samar	9	9	9	9	9	9	9	9	10	10
Southern Leyte	14	14	14	14	14	14	14	14	14	13
Samar (Western Sama	186	165	145	145	125	107	65	65	61	56
Zamboanga Peninsula	1,406	1,332	1,304	1,080	1,029	928	890	919	922	903
Zamboanga del Norte	791	796	804	620	625	625	632	632	620	601
Zamboanga del Sur	231	164	128	89	60	42	33	33	48	48
Zamboanga Sibugay	186	184	184	183	156	102	100	113	113	113
Zamboanga City	198	188	188	188	188	159	125	141	141	141
Northern Mindanao	13,137	13,083	11,629	11,633	11,838	11,842	11,852	11,709	11,749	11,600
Bukidnon	10,472	10,472	9,022	9,022	9,029	9,034	9,034	9,034	9,034	9,034
Camiguin	35	32	28	27	25	24	23	22	22	21
Lanao del Norte	1,540	1,540	1,540	1,540	1,540	1,540	1,548	1,385	1,418	1,266
Misamis Occidental	75	75	75	75	75	75	75	74	74	79
Misamis Oriental	1,015	964	964	969	1,169	1,169	1,172	1,194	1,201	1,200
Davao Region	26,633	26,624	25,847	25,371	25,166	21,573	21,524	17,344	17,256	16,344
Davao del Norte	1,083	1,074	1,066	10,491	1,086	1,098	1,157	1,170	1,188	1,196
Davao del Sur	4,875	4,875	4,875	6,256	4,875	4,875	4,951	4,951	4,951	4,951
Davao Oriental	1,854	1,854	1,854	940	1,835	1,485	1,515	1,515	1,505	1,565
Compostela Valley	11,015	11,015	11,026	3,806	10,750	7,588	7,380	4,731	4,635	4,343
Davao City	7,806	7,806	7,026	3,878	6,620	6,527	6,521	4,977	4,977	4,289
SOCCSKSARGEN	23,919	24,038	25,171	25,117	25,223	25,487	26,434	26,731	26,612	26,327
North Cotabato	3,793	3,264	3,111	3,002	3,033	3,057	3,062	3,069	2,997	2,985
Sarangani	658	658	667	675	682	900	1,130	1,220	1,150	1,162
South Cotabato	2,099	2,202	2,329	2,376	2,429	2,451	2,513	2,513	2,461	2,485
Sultan Kudarat	17,369	17,914	19,064	19,064	19,079	19,079	19,729	19,929	20,004	19,695
Caraga	4,047	4,039	4,045	4,019	4,368	4,368	4,397	4,417	4,486	4,486
Agusan del Norte	425	425	435	415	476	476	476	476	495	495
Agusan del Sur	1,498	1,496	1,493	1,491	1,480	1,480	1,508	1,528	1,528	1,528
Dinagat Islands	..	..	..	..	..	1	1	1	1	1
Surigao del Norte	18	18	17	13	12	11	12	12	12	12
Surigao del Sur	2,106	2,100	2,100	2,100	2,400	2,400	2,400	2,400	2,450	2,450
ARMM	13,725	13,734	13,735	13,749	13,746	13,679	13,707	13,946	13,936	13,958
Basilan	3,296	3,296	3,296	3,296	3,296	3,296	3,296	3,296	3,296	3,296
Lanao del Sur	2,440	2,440	2,440	2,440	2,440	2,440	2,440	2,691	2,691	2,691
Maguindanao	4,279	4,288	4,291	4,275	4,275	4,268	4,268	4,268	4,258	4,257
Sulu	3,579	3,579	3,579	3,610	3,610	3,552	3,580	3,564	3,564	3,585
Tawi-tawi	131	131	129	128	125	123	123	127	127	129

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee Arabica										
Philippines	19,977	19,862	19,622	19,369	19,369	19,190	19,300	18,768	18,637	18,134
CAR	578	574	585	594	618	619	629	627	615	607
Abra	21	21	21	21	21	21	21	21	21	21
Apayao	25	25	25	18	50	50	40	34	34	30
Benguet	220	225	236	236	236	236	256	256	256	256
Ifugao	50	50	50	50	50	51	51	51	51	51
Kalinga	168	168	168	184	184	184	184	186	184	184
Mountain Province	94	85	85	85	77	77	77	79	69	65
Ilocos Region	24	24	23	23	24	25	56	143	367	469
Ilocos Norte	1	1	1	1	1	1	31	34	253	353
Ilocos Sur	8	8	8	8	8	8	8	8	10	10
La Union	12	12	12	12	13	13	14	14	16	18
Pangasinan	3	3	2	2	3	3	3	88	88	88
Cagayan Valley	570	573	573	526	528	534	534	536	554	527
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	162	165	165	165	170	175	175	175	193	165
Isabela	14	14	14	14	14	14	14	14	14	13
Nueva Vizcaya	384	384	384	339	339	339	339	341	341	343
Quirino	10	10	10	8	5	6	6	6	6	6
Central Luzon	263	263	263	263	263	261	253	303	54	51
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	3	3	3	3	3	3	3	3	3	..
Nueva Ecija	260	260	260	260	260	258	250	250	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	50	51	51
CALABARZON	143	138	131	117	111	106	88	35	35	27
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	42	42	40	35	35	30	20	18	18	11
Quezon	85	80	75	66	60	60	52	1	1	..
Rizal	16	16	16	16	16	16	16	16	16	16
MIMAROPA	70	61	44	36	31	32	28	24	22	21
Marinduque	5	5	5	5	5	5	5	3	3	3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	1	1	1	1	1	7	7	7	6	6
Palawan	64	55	38	30	25	20	16	14	13	12
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	272	266	266	264	263	262	262	235	229	216
Albay	124	124	124	124	124	124	124	100	100	95
Camarines Norte	17	17	17	16	15	16	16	16	16	16
Camarines Sur	89	89	89	89	89	89	89	88	88	80
Catanduanes	11	11	11	11	11	11	11	11	9	9
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	31	25	25	24	24	22	22	20	16	16
Western Visayas	1,827	1,821	1,792	1,792	1,792	1,791	1,789	1,772	1,772	1,772
Aklan	1	1	1	1	1	1	1	1	1	1
Antique	50	50	51	51	51	50	50	49	49	49
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	4	4	4	4	4	4	2	2	2	2
Iloilo	1,772	1,766	1,736	1,736	1,736	1,736	1,736	1,720	1,720	1,720
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	511	505	491	489	489	489	489	489	165	495
Bohol	163	162	162	162	162	162	162	162	162	162
Cebu	5	5	4	3	3	3	3	3	2	2
Negros Oriental	340	335	323	323	323	323	323	323	..	330
Siquijor	3	3	2	1	1	1	1	1	1	1
Eastern Visayas	128	121	113	111	105	102	73	30	29	27
Biliran	4	4	4	4	3	3	2	2	2	3
Eastern Samar	3	3	3	3	3	3	3	3	3	3
Leyte	78	75	72	70	67	64	42	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	4	4	4	4	4	4	4	4	4	4
Samar (Western Sama	39	35	30	30	28	28	21	21	20	18
Zamboanga Peninsula	557	530	522	390	369	330	317	318	306	217
Zamboanga del Norte	312	312	315	198	198	198	200	200	185	98
Zamboanga del Sur	83	58	47	32	23	15	12	12	15	13
Zamboanga Sibugay	72	72	72	72	60	40	40	41	41	41
Zamboanga City	90	88	88	88	88	77	65	65	65	65
Northern Mindanao	607	605	604	607	614	618	618	467	466	369
Bukidnon	10	10	10	13	20	25	25	25	25	25
Camiguin	4	3	2	2	2	1	1	1	1	1
Lanao del Norte	550	550	550	550	550	550	550	400	399	300
Misamis Occidental	38	38	38	38	38	38	38	37	37	40
Misamis Oriental	5	4	4	4	4	4	4	4	4	3
Davao Region	4,007	4,004	3,854	3,814	3,765	3,524	3,552	3,081	3,059	2,977
Davao del Norte	320	317	315	318	320	322	338	342	331	325
Davao del Sur	1,385	1,385	1,385	1,385	1,385	1,385	1,405	1,405	1,405	1,405
Davao Oriental	196	196	196	195	195	180	182	182	180	190
Compostela Valley	410	410	410	400	350	128	120	81	72	36
Davao City	1,696	1,696	1,548	1,516	1,515	1,509	1,507	1,071	1,071	1,021
SOCCSKSARGEN	8,610	8,562	8,547	8,536	8,593	8,706	8,820	8,910	8,839	8,555
North Cotabato	380	357	324	310	300	300	300	300	295	290
Sarangani	290	290	292	295	300	425	500	590	550	555
South Cotabato	1,240	1,215	1,231	1,231	1,293	1,281	1,320	1,320	1,294	1,318
Sultan Kudarat	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,392
Caraga	3	3	2	2	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3	3	2	2	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	1,807	1,812	1,812	1,805	1,804	1,790	1,793	1,798	1,796	1,805
Basilan	287	287	287	287	287	287	287	287	287	287
Lanao del Sur	40	40	40	40	40	40	40	41	41	41
Maguindanao	730	735	736	720	720	715	715	715	713	713
Sulu	690	690	690	700	700	692	695	697	697	705
Tawi-tawi	60	60	59	58	57	56	56	58	58	59

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee Excelsa										
Philippines	10,176	9,687	9,576	9,115	8,916	8,589	8,453	8,007	7,969	7,775
CAR	191	190	190	223	221	215	205	201	201	195
Abra	5	5	5	5	5	5	5	5	5	5
Apayao	18	18	18	36	35	30	20	17	17	12
Benguet	22	22	22	22	21	21	21	20	20	20
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	143	143	143	159	159	159	159	159	159	158
Mountain Province	3	2	2	1	1	..	..	..	..	..
Ilocos Region	18	18	18	19	19	19	20	20	25	27
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	13	13	13	14	14	14	14	14	18	18
La Union	5	5	5	5	5	5	6	6	7	9
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	371	372	372	271	261	268	268	268	267	263
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1	2	2	2	3	5	5	5	7	3
Isabela	2	2	2	2	2	2	2	2	2	2
Nueva Vizcaya	338	338	338	241	241	241	241	241	238	238
Quirino	30	30	30	26	15	20	20	20	20	20
Central Luzon	63	53	53	53	53	53	53	45	38	26
Aurora	60	50	50	50	50	50	50	42	35	25
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	3	3	3	3	3	3	3	3	3	1
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	2,924	2,693	2,713	2,426	2,406	2,404	2,353	2,326	2,326	2,288
Batangas	1,906	1,692	1,692	1,438	1,438	1,438	1,438	1,438	1,438	1,400
Cavite	535	535	600	600	600	598	597	570	570	570
Laguna	115	115	110	110	110	110	110	110	110	110
Quezon	360	343	303	270	250	250	200	200	200	200
Rizal	8	8	8	8	8	8	8	8	8	8
MIMAROPA	159	153	148	136	127	111	100	92	94	92
Marinduque	5	5	5	5	5	5	5	3	3	3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	54	53	53	52	52	49	42	42	45	45
Palawan	100	95	90	79	70	57	53	47	46	44
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	2	1	1	1	1	1	1	1	1	1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	2	1	1	1	1	1	1	1	1	1
Western Visayas	10	10	11	11	11	10	9	9	9	9
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	10	10	11	11	11	10	9	9	9	9
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	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	121	113	101	100	90	84	39	65	64	63
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	63	60	58	57	55	54	17	43	43	43
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	2	2	2	2	2	2	2	2	2	2
Samar (Western Sama	55	50	40	40	32	27	19	19	18	17
Zamboanga Peninsula	208	187	175	160	146	124	110	118	120	83
Zamboanga del Norte	68	68	68	60	60	60	60	60	55	20
Zamboanga del Sur	52	37	25	18	10	7	5	5	12	10
Zamboanga Sibugay	28	26	26	26	20	10	10	10	10	10
Zamboanga City	60	56	56	56	56	47	35	43	43	43
Northern Mindanao	817	767	767	767	767	767	767	749	753	700
Bukidnon	9	9	9	9	9	9	9	9	9	9
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	188	188	188	188	188	188	188	170	169	116
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	620	570	570	570	570	570	570	570	575	575
Davao Region	2,426	2,424	2,343	2,316	2,217	1,935	1,905	1,503	1,491	1,443
Davao del Norte	175	173	171	173	175	178	183	185	183	176
Davao del Sur	620	620	620	620	620	620	635	635	635	635
Davao Oriental	105	105	105	103	103	93	95	95	93	93
Compostela Valley	566	566	566	550	450	184	134	90	82	41
Davao City	960	960	881	870	869	860	858	498	498	498
SOCCSKSARGEN	1,124	969	953	913	914	938	949	954	932	931
North Cotabato	1,050	895	875	835	836	855	860	865	850	848
Sarangani	66	66	70	70	70	75	80	80	75	77
South Cotabato	4	4	4	4	4	4	5	5	3	3
Sultan Kudarat	4	4	4	4	4	4	4	4	4	3
Caraga	192	184	178	156	122	122	121	121	116	116
Agusan del Norte	140	140	135	115	90	90	90	90	85	85
Agusan del Sur	43	41	40	38	30	30	28	28	28	28
Dinagat Islands	..	..	..	..	..	1	1	1	1	1
Surigao del Norte	3	3	3	3	2	1	2	2	2	2
Surigao del Sur	6	..	..	..	..	..	..	..	..	..
ARMM	1,549	1,552	1,552	1,561	1,560	1,537	1,552	1,534	1,531	1,537
Basilan	102	102	102	102	102	102	102	102	102	102
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	117	120	121	120	120	118	118	118	115	115
Sulu	1,259	1,259	1,259	1,270	1,270	1,250	1,265	1,245	1,245	1,250
Tawi-tawi	71	71	70	69	68	67	67	69	69	70

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee Liberica										
Philippines	1,492	1,444	1,410	1,378	1,360	1,308	1,281	1,280	1,310	1,300
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	36	39	38	30	33	35	35	36	39	32
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	12	15	15	15	18	20	20	20	23	15
Isabela	2	2	2	2	2	2	2	2	2	2
Nueva Vizcaya	21	21	21	13	13	13	13	14	14	15
Quirino	1	1	..	..	..	..	..	..	..	..
Central Luzon	2	2	2	2	2	2	2	2	32	31
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	2	2	2	2	2	2	2	2	2	1
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	30	30
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	236	208	205	201	198	201	195	197	197	197
Batangas	82	55	55	47	47	47	47	52	52	52
Cavite	80	85	85	85	85	83	83	80	80	80
Laguna	10	10	10	20	20	25	25	25	25	25
Quezon	64	58	55	49	46	46	40	40	40	40
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	142	133	125	115	105	88	71	69	66	64
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	69	68	67	67	70	61	51	51	49	49
Palawan	73	65	58	48	35	27	20	18	17	15
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	10	8	8	8	8	8	8	8	7	7
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	10	8	8	8	8	8	8	8	7	7
Western Visayas	295	291	271	271	271	271	270	260	260	260
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1	1	1	1	1	1	0	0	0	0
Iloilo	294	290	270	270	270	270	270	260	260	260
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	40	38	38	30	25	3	3	3	3	2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	40	38	38	30	25	3	3	3	3	2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	19	17	16	15	13	13	4	12	12	12
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	19	17	16	15	13	13	4	12	12	12
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	24	21	19	17	17	14	9	9	12	9
Zamboanga del Norte	1	1	1	1	2	2	5	2	2	..
Zamboanga del Sur	9	7	5	3	3	3	2	2	5	4
Zamboanga Sibugay	4	3	3	3	2	2	..	..	..	..
Zamboanga City	10	10	10	10	10	7	2	5	5	5
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	72	72	72	70	70	65	70	70	68	68
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	14	14	14	14	14	14	15	15	15	15
Davao Oriental	58	58	58	56	56	51	55	55	53	53
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	3	2	2	2	2	2	2	2	2	2
North Cotabato	3	2	2	2	2	2	2	2	2	2
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	2	2	2	1	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	2	2	2	1	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	595	595	595	600	600	590	595	596	596	600
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	595	595	595	600	600	590	595	596	596	600
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee Robusta										
Philippines	91,148	91,181	90,320	89,774	90,355	87,374	88,417	85,683	86,923	85,634
CAR	6,055	5,770	5,645	5,887	5,861	5,845	5,831	5,787	5,490	5,471
Abra	5	5	5	5	5	5	5	5	5	5
Apayao	55	55	55	55	50	60	70	70	72	63
Benguet	61	61	64	64	64	64	64	64	64	64
Ifugao	2,482	2,476	2,470	2,463	2,463	2,460	2,460	2,460	2,200	2,200
Kalinga	2,752	2,752	2,752	3,088	3,088	3,084	3,084	3,084	3,084	3,084
Mountain Province	700	421	299	212	191	172	148	104	65	55
Ilocos Region	78	78	77	77	78	78	97	188	224	241
Ilocos Norte	6	5	4	3	3	3	7	7	41	47
Ilocos Sur	65	65	65	66	66	66	80	160	160	168
La Union	6	6	6	6	7	7	8	8	10	13
Pangasinan	2	2	2	2	2	2	2	13	13	13
Cagayan Valley	1,886	1,889	1,889	1,750	1,700	1,813	2,076	2,082	2,684	2,854
Batanes	..	..	..	..	1	1	1	1	0	..
Cagayan	60	63	63	63	67	82	82	82	138	306
Isabela	19	19	19	19	19	109	109	109	109	106
Nueva Vizcaya	1,657	1,657	1,657	1,531	1,531	1,531	1,531	1,537	1,537	1,542
Quirino	150	150	150	137	82	90	353	353	900	900
Central Luzon	1,569	1,569	1,569	1,574	1,574	1,595	1,598	1,607	1,579	1,366
Aurora	690	690	690	695	695	715	715	724	680	810
Bataan	350	350	350	350	350	340	343	343	343	340
Bulacan	525	525	525	525	525	540	540	540	540	200
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	4	4	4	4	4	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	16	16
CALABARZON	11,347	11,267	11,303	10,855	10,848	10,853	10,830	10,851	10,914	10,807
Batangas	2,897	2,832	2,832	2,407	2,407	2,407	2,407	2,407	2,407	2,300
Cavite	7,590	7,590	7,650	7,650	7,650	7,650	7,630	7,600	7,600	7,600
Laguna	470	470	455	460	460	465	465	465	468	468
Quezon	354	339	330	302	295	295	292	343	403	403
Rizal	36	36	36	36	36	36	36	36	36	36
MIMAROPA	563	562	564	568	577	569	748	748	748	755
Marinduque	13	13	13	15	15	13	142	142	142	142
Occidental Mindoro	..	..	..	..	..	..	..	..	..	7
Oriental Mindoro	80	77	76	78	79	71	121	121	121	121
Palawan	470	472	475	475	483	485	485	485	485	485
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	583	563	563	542	542	522	522	493	457	382
Albay	211	211	211	211	211	211	211	200	200	135
Camarines Norte	28	28	28	27	27	27	27	27	27	27
Camarines Sur	124	124	124	124	124	124	124	122	122	112
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	220	200	200	180	180	160	160	144	108	108
Western Visayas	8,001	7,984	7,882	7,887	7,883	7,882	7,810	7,816	7,856	7,864
Aklan	27	24	21	21	19	19	15	15	15	15
Antique	52	52	53	53	53	52	52	51	51	51
Capiz	2,025	2,020	2,020	2,015	2,013	2,013	1,913	1,933	1,933	1,931
Guimaras	93	98	98	108	108	113	113	100	97	107
Iloilo	3,837	3,823	3,723	3,723	3,723	3,718	3,750	3,750	3,760	3,760
Negros Occidental	1,967	1,967	1,967	1,967	1,967	1,967	1,967	1,967	2,000	2,000
Central Visayas	703	852	1,016	1,264	1,376	1,310	1,225	1,210	2,033	1,625
Bohol	22	21	120	129	240	240	240	245	245	245
Cebu	6	7	15	250	250	180	95	75	838	428
Negros Oriental	675	824	881	885	886	890	890	890	950	952
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	102	92	85	120	107	94	56	65	64	63
Biliran	1	1	1	1	1	1	1	1	1	2
Eastern Samar	8	8	8	9	9	9	8	8	8	8
Leyte	24	21	19	18	15	15	5	14	14	14
Northern Samar	9	9	9	9	9	9	9	9	10	10
Southern Leyte	8	8	8	8	8	8	8	8	8	8
Samar (Western Sama	52	45	40	75	65	52	25	25	23	21
Zamboanga Peninsula	617	593	587	513	497	460	454	474	484	594
Zamboanga del Norte	410	415	420	361	365	365	370	370	378	483
Zamboanga del Sur	87	62	51	36	24	17	14	14	16	21
Zamboanga Sibugay	82	82	82	82	74	50	50	62	62	62
Zamboanga City	38	34	34	34	34	28	20	28	28	28
Northern Mindanao	11,710	11,708	10,255	10,259	10,457	10,457	10,467	10,493	10,530	10,532
Bukidnon	10,450	10,450	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
Camiguin	31	29	26	25	23	23	22	21	21	21
Lanao del Norte	802	802	802	802	802	802	810	815	850	850
Misamis Occidental	37	37	37	37	37	37	37	37	37	39
Misamis Oriental	390	390	390	395	595	595	598	620	622	622
Davao Region	20,128	20,124	19,578	19,171	19,114	16,049	15,997	12,690	12,638	11,856
Davao del Norte	588	584	580	586	591	598	636	643	674	695
Davao del Sur	2,856	2,856	2,856	2,856	2,856	2,856	2,896	2,896	2,896	2,896
Davao Oriental	1,495	1,495	1,495	1,492	1,481	1,161	1,183	1,183	1,179	1,229
Compostela Valley	10,039	10,039	10,050	10,000	9,950	7,276	7,126	4,560	4,481	4,266
Davao City	5,150	5,150	4,597	4,237	4,236	4,158	4,156	3,408	3,408	2,770
SOCCSKSARGEN	14,182	14,505	15,669	15,666	15,714	15,841	16,663	16,865	16,839	16,839
North Cotabato	2,360	2,010	1,910	1,855	1,895	1,900	1,900	1,902	1,850	1,845
Sarangani	302	302	305	310	312	400	550	550	525	530
South Cotabato	855	983	1,094	1,141	1,132	1,166	1,188	1,188	1,164	1,164
Sultan Kudarat	10,665	11,210	12,360	12,360	12,375	12,375	13,025	13,225	13,300	13,300
Caraga	3,850	3,850	3,863	3,860	4,246	4,246	4,276	4,296	4,370	4,370
Agusan del Norte	285	285	300	300	386	386	386	386	410	410
Agusan del Sur	1,455	1,455	1,453	1,453	1,450	1,450	1,480	1,500	1,500	1,500
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	10	10	10	7	10	10	10	10	10	10
Surigao del Sur	2,100	2,100	2,100	2,100	2,400	2,400	2,400	2,400	2,450	2,450
ARMM	9,774	9,775	9,776	9,782	9,782	9,762	9,767	10,018	10,013	10,016
Basilan	2,907	2,907	2,907	2,907	2,907	2,907	2,907	2,907	2,907	2,907
Lanao del Sur	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,650	2,650	2,650
Maguindanao	3,432	3,433	3,434	3,435	3,435	3,435	3,435	3,435	3,430	3,429
Sulu	1,035	1,035	1,035	1,040	1,040	1,020	1,025	1,026	1,026	1,030
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cotton										
Philippines	538	310	48	176	188	157	14	5	4	9
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	4	3	4	3	4	4	3	1	1	1
Ilocos Norte	2	2	2	2	2	2	1	1	1	1
Ilocos Sur	3	1	2	2	2	2	2	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	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	24	14	8	4	120	47	12	4	3	8
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	5	5	4	4	4	4	4	4	3	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	4	..	116	43	8	..	..	8
Negros Occidental	19	9	..	..	..	..	..	..	..	..
Central Visayas	172	172	36	169	17	3	..	..	..	..
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	172	172	36	169	17	3	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	2	2	0	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	2	2	0	..	..	..	..	..	..	..
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	239	119	..	..	48	104	..	..	..	..
North Cotabato	30	20	..	..	..	..	..	..	..	..
Sarangani	115	75	..	..	..	..	..	..	..	..
South Cotabato	43	24	..	..	48	104	..	..	..	..
Sultan Kudarat	51	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	94	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	94	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Oil Palm										
Philippines	38,599	41,444	45,044	49,328	53,015	53,856	55,083	59,754	60,069	60,069
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	800	3,500	3,800	5,725	5,725	5,840	5,852	5,852	5,900	5,915
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	800	3,500	3,800	5,725	5,725	5,840	5,852	5,852	5,900	5,915
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	0	0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500
Bohol	6,500	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 Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	3	10	18	4,568	4,568	4,618
Zamboanga del Norte	..	..	..	..	3	3	3	4,553	4,553	4,553
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	7	15	15	15	65
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	1,028	1,023	1,575	2,250	4,210	4,260	4,290	4,290	4,340	4,040
Bukidnon	750	750	1,290	1,400	1,450	1,470	1,500	1,500	1,550	1,550
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	30	25	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	248	248	285	850	2,760	2,790	2,790	2,790	2,790	2,490
Davao Region	1,050	1,050	1,060	1,060	1,060	807	961	993	1,069	1,224
Davao del Norte	..	..	..	..	..	72	106	118	122	110
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	72	119
Compostela Valley	1,050	1,050	1,060	1,060	1,060	735	855	855	855	975
Davao City	..	..	..	..	..	..	..	20	20	20
SOCCSKSARGEN	11,881	12,006	14,609	15,588	16,258	17,125	17,775	17,840	17,845	17,850
North Cotabato	3,550	3,675	3,710	4,595	5,005	5,750	6,100	6,110	6,115	6,120
Sarangani	3	3	3	3	3	50	250	250	250	250
South Cotabato	1,073	1,073	1,141	1,235	1,450	1,525	1,525	1,525	1,525	1,525
Sultan Kudarat	7,255	7,255	9,755	9,755	9,800	9,800	9,900	9,955	9,955	9,955
Caraga	16,540	16,565	16,695	16,725	17,324	17,374	17,369	17,393	17,397	17,467
Agusan del Norte	265	270	300	300	321	371	371	371	372	372
Agusan del Sur	16,245	16,265	16,365	16,385	16,395	16,395	16,390	16,394	16,397	16,397
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	3	3	3	3	3	3
Surigao del Sur	30	30	30	40	605	605	605	625	625	695
ARMM	800	800	805	1,480	1,935	1,940	2,318	2,318	2,450	2,455
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	800	800	805	1,480	1,935	1,940	2,318	2,318	2,450	2,455
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pili Nut										
Philippines	2,152	2,161	2,158	2,292	2,292	2,293	2,285	2,288	2,281	2,283
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	36	35	31	26	23	21	18	18	16	15
Batangas	3	2	2	2	2	2	2	2	2	1
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1	1	1	1	1	1	1	1	1	1
Quezon	32	32	28	23	20	18	15	15	13	13
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1	2	3	3	3	3	3	3	3	3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	1	2	3	3	3	3	3	3	3	3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	1,757	1,763	1,763	1,901	1,904	1,910	1,910	1,911	1,908	1,928
Albay	325	330	330	340	340	345	345	345	345	345
Camarines Norte	64	64	64	67	67	68	68	68	68	82
Camarines Sur	110	110	110	111	111	111	111	112	112	112
Catanduanes	11	11	11	11	11	11	11	11	11	11
Masbate	1	2	2	2	2	2	2	2	2	5
Sorsogon	1,246	1,246	1,246	1,370	1,373	1,373	1,373	1,373	1,370	1,373
Western Visayas	212	212	212	213	213	213	212	212	211	206
Aklan	1	1	1	1	1	1	1	1	1	1
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	1	1	1	1	1	1	1
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	211	211	211	211	211	211	211	211	210	205
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	133	137	137	137	138	136	131	131	131	118
Biliran	3	3	3	3	3	3	3	3	3	0
Eastern Samar	40	40	40	40	40	40	40	40	40	30
Leyte	8	10	10	10	11	11	6	6	6	6
Northern Samar	62	64	64	64	64	62	62	62	62	62
Southern Leyte	20	20	20	20	20	20	20	20	20	20
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	1	1	1	1	2	2	2	2	2	2
Bukidnon	..	..	..	..	1	1	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	7	7	7	9	9	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	2	2	2	2	2	2
Davao City	1	1	1	1	1	1	1	3	3	3
SOCCSKSARGEN	3	3	3	2	2	1	1	1	1	1
North Cotabato	3	3	3	2	2	1	1	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	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Rubber										
Philippines	123,260	128,337	138,710	161,565	176,244	185,476	217,687	222,602	223,283	226,285
CAR	..	..	..	..	27	27	27	27	27	27
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	12	12	12	12	12	12
Kalinga	..	..	..	..	15	15	15	15	15	15
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	152	122	203	210	305
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	150	120	145	145	238
Isabela	..	..	..	..	..	..	..	..	5	5
Nueva Vizcaya	..	..	..	..	..	2	2	58	60	62
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	227	227	227	221	221	435	435	435	435	435
Batangas	5	5	5	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	212	212	212	211	211	211	211	211	211	211
Quezon	10	10	10	10	10	224	224	224	224	224
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	50	400	616	616	742	766	1,766	1,778	1,876	1,879
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	12	12	15
Oriental Mindoro	..	..	16	16	17	36	66	66	64	64
Palawan	50	400	600	600	725	730	1,700	1,700	1,800	1,800
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	4	4	4	4	4
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	4	4	4	4	4
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	0	0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	14	495	1,005	1,005	1,015	1,018	1,018	978	966	966
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	14	495	1,005	1,005	1,015	1,018	1,018	978	966	966
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	3
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	3
Zamboanga Peninsula	54,250	57,127	65,084	79,138	80,375	86,033	86,452	89,837	90,297	90,918
Zamboanga del Norte	7,740	8,456	8,459	8,643	8,650	8,860	9,037	12,537	12,599	13,050
Zamboanga del Sur	5,865	5,880	5,910	5,915	5,935	6,200	6,200	6,070	6,080	6,250
Zamboanga Sibugay	40,150	42,230	50,150	64,000	65,180	70,180	70,205	70,220	70,220	70,220
Zamboanga City	495	561	565	580	610	793	1,010	1,010	1,398	1,398
Northern Mindanao	4,567	4,567	4,567	6,847	6,851	6,929	8,876	8,776	8,776	8,797
Bukidnon	4,365	4,365	4,365	6,639	6,639	6,639	7,500	7,400	7,400	7,400
Camiguin	1	1	1	1	1	1	6	6	6	6
Lanao del Norte	..	..	..	..	..	68	112	112	112	112
Misamis Occidental	11	11	11	11	11	11	679	679	679	679
Misamis Oriental	190	190	190	196	200	210	579	579	579	600
Davao Region	6,267	6,411	6,409	6,622	6,693	3,533	8,518	8,872	8,832	10,421
Davao del Norte	562	556	549	560	575	581	615	628	651	670
Davao del Sur	1,132	1,132	1,132	1,250	1,300	1,300	1,301	1,301	1,301	1,301
Davao Oriental	50	50	55	100	100	155	1,404	1,404	1,341	1,484
Compostela Valley	4,223	4,373	4,373	4,400	4,400	1,173	4,873	5,068	5,068	6,445
Davao City	300	300	300	312	318	324	325	471	471	521
SOCCSKSARGEN	31,195	31,235	31,927	35,681	36,713	40,916	60,516	60,966	61,026	61,063
North Cotabato	30,175	30,215	30,355	32,700	33,388	37,000	55,600	55,600	55,610	55,620
Sarangani	455	455	455	425	445	585	800	800	775	780
South Cotabato	30	30	105	315	620	1,071	1,071	1,071	1,071	1,093
Sultan Kudarat	535	535	1,012	2,241	2,260	2,260	3,045	3,495	3,570	3,570
Caraga	5,546	5,941	6,840	6,860	11,528	11,548	11,837	12,450	12,519	12,651
Agusan del Norte	30	30	700	700	755	765	765	765	770	770
Agusan del Sur	5,500	5,860	6,050	6,070	9,980	9,990	10,279	10,890	10,948	11,045
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	1	1	..	..	120	120	120	120	120	120
Surigao del Sur	15	50	90	90	673	673	673	675	681	716
ARMM	21,144	21,934	22,034	24,575	32,079	34,115	38,115	38,275	38,315	38,815
Basilan	20,749	20,749	20,849	23,000	30,000	32,000	36,000	36,160	36,200	36,700
Lanao del Sur	100	75	75	75	79	100	100	100	100	100
Maguindanao	295	1,110	1,110	1,500	2,000	2,015	2,015	2,015	2,015	2,015
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Sugarcane										
Philippines	397,991	404,034	354,878	439,698	433,304	437,070	432,026	421,312	410,104	437,471
CAR	153	171	171	170	170	339	1,217	1,213	1,085	1,101
Abra	..	18	18	18	18	18	18	18	18	18
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	5	5	5	8
Ifugao	..	..	..	..	..	10	15	11	11	11
Kalinga	130	130	130	130	130	289	1,156	1,156	1,029	1,027
Mountain Province	23	23	23	22	22	22	23	23	22	37
Ilocos Region	432	455	454	444	448	451	441	446	446	448
Ilocos Norte	183	185	189	189	189	191	191	194	193	193
Ilocos Sur	47	51	52	53	55	56	55	56	58	58
La Union	24	25	26	27	28	28	30	32	34	36
Pangasinan	178	194	187	175	177	176	165	165	161	161
Cagayan Valley	7,496	6,361	5,796	5,480	6,399	12,205	16,212	16,159	15,676	13,477
Batanes	..	..	..	..	2	2	2	1	1	1
Cagayan	6,227	5,295	4,743	4,355	4,677	5,428	5,168	5,570	5,425	5,160
Isabela	1,254	1,051	1,038	1,109	1,706	6,758	11,025	10,573	10,236	8,297
Nueva Vizcaya	3	3	3	4	2	2	2	1	2	2
Quirino	12	12	12	12	12	15	15	15	12	17
Central Luzon	19,352	17,597	17,816	18,826	20,233	18,976	17,664	15,372	15,407	16,683
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	128	128	128	68	58	53	43	41	41	41
Bulacan	3	3	1	1	1	1	1	1	1	1
Nueva Ecija	50	45	45	45	40	42	100	100	110	145
Pampanga	8,294	7,174	5,950	5,350	6,990	5,755	4,500	4,570	4,600	4,600
Tarlac	10,860	10,230	11,674	13,344	13,120	13,100	12,995	10,635	10,630	11,872
Zambales	17	17	18	18	25	25	25	25	25	24
CALABARZON	33,716	33,911	29,136	33,495	31,553	29,607	26,102	29,885	27,305	28,228
Batangas	33,256	33,264	28,491	32,833	30,390	28,433	24,920	28,272	25,693	26,672
Cavite	323	514	514	524	1,025	1,036	1,036	1,384	1,385	1,387
Laguna	137	133	131	138	138	138	146	144	142	144
Quezon	..	..	..	..	..	..	..	85	85	25
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	6,880	6,042	5,523	6,181	6,060	5,533	5,530	5,030	5,030	5,030
Albay	1,040	1,042	1,042	1,042	1,060	1,060	1,030	1,030	1,030	1,030
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	5,840	5,000	4,481	5,139	5,000	4,473	4,500	4,000	4,000	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	192,580	194,398	170,262	214,657	214,338	221,230	215,532	217,758	27,240	201,833
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	935	933	917	917	908	916	926	918	916	916
Capiz	10,408	10,275	7,732	10,355	9,355	7,539	8,430	7,603	7,500	8,855
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	16,200	16,027	12,927	20,417	21,024	18,396	19,387	19,024	18,824	18,974
Negros Occidental	165,037	167,163	148,685	182,968	183,051	194,379	186,788	190,213	..	173,088
Central Visayas	46,283	46,817	41,884	44,074	42,749	44,988	48,278	44,083	6,919	45,947
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	8,363	9,467	5,879	9,504	6,622	5,808	9,127	5,046	6,919	7,108
Negros Oriental	37,920	37,350	36,005	34,570	36,127	39,180	39,150	39,037	..	38,839
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	8,437	8,532	8,412	8,412	8,557	6,512	8,542	7,458	6,456	10,205
Biliran	..	..	..	..	..	..	..	..	..	0
Eastern Samar	1	1	1	1	1	1	0	0	0	0
Leyte	8,433	8,528	8,408	8,408	8,552	6,507	8,538	7,454	6,452	10,201
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	4	4	4	4	4	4	4	4	4	4
Samar (Western Sama	0	0	0	0	0	0	0	0	0	0
Zamboanga Peninsula	119	115	98	97	91	90	87	33	33	32
Zamboanga del Norte	92	92	78	78	76	76	73	20	20	20
Zamboanga del Sur	5	3	2	2	2	2	2	3	3	2
Zamboanga Sibugay	11	9	8	8	4	4	4	3	2	2
Zamboanga City	11	11	10	10	9	8	8	8	8	8
Northern Mindanao	57,170	64,028	55,297	82,700	76,373	70,871	72,008	65,321	61,427	90,945
Bukidnon	57,170	64,028	55,297	82,700	76,373	70,863	72,000	65,315	61,427	90,945
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	8	8	6	..	..
Davao Region	10,097	11,197	7,332	11,317	9,598	9,607	7,999	4,425	10,174	8,551
Davao del Norte	15	14	16	14	12	10	6	5	4	4
Davao del Sur	10,076	11,177	7,310	11,299	9,582	9,594	7,992	4,419	10,168	8,545
Davao Oriental	0	0	0	0	0	0	0	0	0	0
Compostela Valley	6	6	6	4	4	2	2	1	2	2
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	14,325	13,508	11,726	12,942	15,238	15,128	11,115	12,317	10,114	13,375
North Cotabato	10,686	9,974	7,755	8,512	10,086	9,941	6,665	7,971	7,168	10,553
Sarangani	2,039	2,018	1,857	1,808	2,130	1,678	1,498	1,457	981	956
South Cotabato	972	861	861	807	922	1,044	765	780	483	368
Sultan Kudarat	629	656	1,253	1,816	2,101	2,465	2,186	2,109	1,481	1,499
Caraga	3	3	3	3	3	3	2	2	2	2
Agusan del Norte	1	1	1	1	1	1	0	0	0	0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	2	2	2	2	2	2	2	2	2	2
ARMM	949	899	968	901	1,494	1,531	1,297	1,808	1,614	1,614
Basilan	2	2	2	2	2	2	0	..	..	..
Lanao del Sur	800	800	850	745	1,395	1,442	1,256	1,611	1,612	1,612
Maguindanao	145	95	114	152	95	85	39	195	0	0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	2	2	2	2	2	2	2	2	2	2

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tobacco										
Philippines	22,183	26,104	29,707	32,235	34,025	34,451	36,082	33,096	32,501	30,829
CAR	2,021	2,018	2,018	2,013	2,052	2,051	2,051	2,051	2,082	2,066
Abra	2,010	2,010	2,010	2,005	2,046	2,046	2,046	2,046	2,046	2,046
Apayao	4	2	2	2	2	2	2	2	2	2
Benguet	1	..	..	..	..	..	..	..	..	..
Ifugao	1	1	1	1	1	1	1	1	1	1
Kalinga	5	5	5	5	3	2	2	2	33	17
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	14,596	17,064	20,021	21,509	22,278	23,055	23,747	23,221	21,973	20,503
Ilocos Norte	2,037	2,315	2,644	2,987	3,233	3,313	3,755	3,089	2,865	2,508
Ilocos Sur	7,468	9,604	12,171	13,375	13,758	14,498	14,751	14,836	13,966	13,024
La Union	2,853	2,855	2,841	2,752	2,911	3,035	3,082	3,139	2,985	2,952
Pangasinan	2,238	2,290	2,365	2,396	2,376	2,209	2,159	2,157	2,157	2,019
Cagayan Valley	4,389	5,758	6,595	7,716	8,403	7,371	7,980	5,541	5,784	4,389
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1,675	1,675	1,690	2,210	2,159	1,557	1,500	1,290	708	471
Isabela	2,663	4,038	4,873	5,498	6,235	5,805	6,465	4,236	5,047	3,894
Nueva Vizcaya	23	15	10	8	9	9	15	15	28	24
Quirino	28	30	22	..	..	..	..	..	..	..
Central Luzon	35	100	100	100	100	100	90	45	40	42
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	35	100	100	100	100	100	90	45	40	42
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	254	268	265	308	301	700	1,121	690	702	327
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	250	265	262	305	299	698	1,119	688	700	325
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	4	3	3	3	2	2	2	2	2	2
Bicol Region	12	7	4	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	12	7	4	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	172	185	184	182	181	107	169	171	144	168
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	15	13	11	12	10	10	11	11	12	11
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	130	145	148	145	146	72	133	135	132	135
Negros Occidental	27	27	25	25	25	25	25	25	..	22
Central Visayas	56	35	26	25	20	19	19	13	0	9
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	40	18	10	10	8	5	3	2	..	..
Negros Oriental	16	17	16	15	12	14	16	11	..	9
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	50	48	29	26	24	22	17	15	10	10
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	46	44	25	22	20	19	14	12	7	7
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	2	2	2	2	2	2	2	2	2	2
Samar (Western Sama	1	1	1	1	1	1	0	0	0	0
Zamboanga Peninsula	34	33	30	28	23	30	31	29	28	24
Zamboanga del Norte	3	3	3	2	2	2	2	3	3	3
Zamboanga del Sur	25	19	18	17	15	15	16	16	15	10
Zamboanga Sibugay	5	10	8	8	5	12	12	9	9	10
Zamboanga City	1	1	1	1	1	1	1	1	1	1
Northern Mindanao	450	480	350	250	576	943	810	1,280	1,647	3,251
Bukidnon	..	..	..	..	..	..	..	10	67	150
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	450	480	350	250	576	943	810	1,270	1,580	3,101
Davao Region	17	16	17	15	14	12	12	12	12	11
Davao del Norte	4	4	5	4	4	4	4	4	4	4
Davao del Sur	5	5	5	4	4	3	3	3	3	2
Davao Oriental	5	4	4	4	3	3	3	3	3	3
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	40	40	40	38	34	28	22	21	38	26
North Cotabato	21	22	22	22	20	15	12	11	10	7
Sarangani	13	14	14	12	10	9	6	6	5	5
South Cotabato	2	2	2	2	2	2	2	2	21	13
Sultan Kudarat	4	2	2	2	2	2	2	2	2	2
Caraga	11	7	6	6	5	3	3	1	1	1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3	1	..	..	..	..	..	..	..	..
Surigao del Sur	8	6	6	6	5	3	3	1	1	1
ARMM	46	44	22	20	15	10	9	6	3	3
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	46	44	22	20	15	10	9	6	3	3
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tobacco Native										
Philippines	6,970	6,684	7,143	7,965	7,723	7,074	6,127	4,891	3,690	4,662
CAR	9	7	7	7	41	18	18	18	19	18
Abra	..	..	..	..	36	14	14	14	14	14
Apayao	4	2	2	2	2	2	2	2	2	2
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	5	5	5	5	3	2	2	2	2	2
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	3,320	2,600	2,507	2,490	2,507	2,193	2,263	2,303	2,391	2,471
Ilocos Norte	197	195	195	102	72	55	15	12	154	233
Ilocos Sur	1,709	942	809	787	850	727	831	858	823	824
La Union	743	773	789	886	930	965	975	992	995	995
Pangasinan	671	690	715	715	655	447	442	441	419	419
Cagayan Valley	2,750	3,180	3,918	4,877	4,284	3,692	2,882	1,681	244	389
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1,330	1,192	1,098	1,579	1,544	1,036	982	815	94	173
Isabela	1,420	1,988	2,820	3,298	2,740	2,656	1,900	866	150	216
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	4	3	3	3	2	2	2	2	2	2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	4	3	3	3	2	2	2	2	2	2
Bicol Region	12	7	4	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	12	7	4	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	172	185	184	182	181	107	169	171	169	168
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	15	13	11	12	10	10	11	11	12	11
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	130	145	148	145	146	72	133	135	132	135
Negros Occidental	27	27	25	25	25	25	25	25	25	22
Central Visayas	55	34	25	24	19	18	18	12	13	9
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	40	18	10	10	8	5	3	2	..	..
Negros Oriental	15	16	15	14	11	13	15	10	13	9
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	50	48	29	26	24	22	17	15	10	10
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	46	44	25	22	20	19	14	12	7	7
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	2	2	2	2	2	2	2	2	2	2
Samar (Western Sama	1	1	1	1	1	1	0	0	0	0
Zamboanga Peninsula	34	33	30	28	23	30	31	29	28	24
Zamboanga del Norte	3	3	3	2	2	2	2	3	3	3
Zamboanga del Sur	25	19	18	17	15	15	16	16	15	10
Zamboanga Sibugay	5	10	8	8	5	12	12	9	9	10
Zamboanga City	1	1	1	1	1	1	1	1	1	1
Northern Mindanao	450	480	350	250	575	938	680	620	780	1,541
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	450	480	350	250	575	938	680	620	780	1,541
Davao Region	17	16	17	15	14	12	12	12	12	11
Davao del Norte	5	4	5	4	4	4	4	4	4	4
Davao del Sur	5	5	5	4	4	3	3	3	3	2
Davao Oriental	4	4	4	4	3	3	3	3	3	3
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	40	40	40	38	34	28	22	21	19	15
North Cotabato	21	22	22	22	20	15	12	11	10	7
Sarangani	13	14	14	12	10	9	6	6	5	5
South Cotabato	2	2	2	2	2	2	2	2	2	2
Sultan Kudarat	4	2	2	2	2	2	2	2	2	2
Caraga	11	7	6	6	5	3	3	1	1	1
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3	1	..	..	..	..	..	..	..	..
Surigao del Sur	8	6	6	6	5	3	3	1	1	1
ARMM	46	44	22	20	15	10	9	6	3	3
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	46	44	22	20	15	10	9	6	3	3
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tobacco Virginia										
Philippines	11,457	14,502	17,392	18,731	19,508	20,539	21,133	21,107	20,091	19,578
CAR	2,011	2,010	2,010	2,005	2,010	2,010	2,010	2,010	2,010	2,010
Abra	2,010	2,010	2,010	2,005	2,010	2,010	2,010	2,010	2,010	2,010
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	9,445	12,491	15,381	16,725	17,481	18,509	18,980	18,436	17,178	15,858
Ilocos Norte	1,784	2,000	2,250	2,612	2,865	2,963	3,319	2,711	2,432	2,101
Ilocos Sur	5,651	8,534	11,217	12,402	12,905	13,771	13,871	13,930	13,100	12,155
La Union	2,010	1,957	1,914	1,710	1,711	1,775	1,790	1,795	1,646	1,602
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	15	13	12	..	36	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	15	13	12	..	36	..
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
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	1	1	1	1	1	2	1	1	0	0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	1	1	1	1	1	2	1	1	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	1	5	130	660	867	1,710
Bukidnon	..	..	..	..	..	..	..	10	67	150
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	1	5	130	650	800	1,560
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	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Chrysanthemum										
Philippines	228	245	248	258	259	258	254	256	243	246
CAR	57	61	61	62	62	62	60	60	55	58
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	57	61	61	62	62	62	60	60	55	58
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	0	0	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1	1	1	1	1	1	1	0	0	0
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1	1	1	1	1	1	1	0	0	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	9	8	8	7	7	7	7	7	6
Batangas	1	1	1	1	0	0	0	0	0	0
Cavite	..	4	3	3	3	3	3	3	3	3
Laguna	1	1	1	1	1	1	1	1	1	0
Quezon	3	3	3	3	3	3	3	3	3	3
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	7	7	7	7	7	6	6	5	5	6
Albay	6	6	6	6	6	5	5	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	7	7	8	7	8	8	8
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	5	5	5	6	6	7	6	6	6	6
Guimaras	..	..	..	..	..	..	0	0	0	0
Iloilo	..	..	..	..	..	..	..	1	1	1
Negros Occidental	1	1	1	1	1	1	1	1	1	1
Central Visayas	48	50	47	53	58	59	59	61	63	63
Bohol	1	0	0	0	0	0	0	0	0	0
Cebu	44	47	44	50	55	56	56	58	60	60
Negros Oriental	3	3	3	3	3	3	3	3	3	3
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	9	10	10	10	9	9	8	8	8	8
Biliran	2	2	2	2	2	2	2	2	2	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	2	3	3	3	3	3	2	2	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 Sama	2	2	2	2	1	1	1	1	1	1
Zamboanga Peninsula	7	7	8	8	8	7	8	7	7	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	0	0
Zamboanga City	4	4	4	4	4	4	4	4	4	4
Northern Mindanao	24	26	28	28	29	29	30	28	28	28
Bukidnon	3	3	3	3	4	4	4	4	4	4
Camiguin	..	0	0	0	0	0	0	0	0	0
Lanao del Norte	13	13	14	14	14	14	14	14	14	14
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	8	10	11	11	11	12	12	10	10	10
Davao Region	39	39	38	38	35	33	29	29	28	27
Davao del Norte	5	5	4	4	4	4	4	4	4	4
Davao del Sur	2	2	2	2	2	2	2	2	2	3
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	20	20	20	20	18	16	12	12	12	11
Davao City	12	12	12	12	11	11	11	11	10	10
SOCCSKSARGEN	19	24	30	34	34	33	37	38	29	32
North Cotabato	6	6	6	6	6	6	6	7	6	8
Sarangani	1	1	1	1	1	1	1	1	1	1
South Cotabato	10	15	21	25	25	25	29	29	21	22
Sultan Kudarat	2	2	2	2	2	1	1	1	1	1
Caraga	2	2	2	2	2	2	2	3	3	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	1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	0	0
Surigao del Sur	..	..	..	..	..	..	..	1	1	1
ARMM	2	1	1	1	0	0	0	0	0	0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2	1	1	1	0	0	0	0	0	0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gladiola										
Philippines	157	157	155	153	148	112	103	99	90	89
CAR	91	87	84	80	75	37	30	25	18	18
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	91	87	84	80	75	37	30	25	18	18
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0	0	0	0	0	..	..	..	..	..
Ilocos Norte	0	0	0	0	0	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	8	8	8	8	8	8	8	8	6	6
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	2	2	2	2	2	2	2	2	2	2
Nueva Vizcaya	5	5	5	5	5	5	5	5	4	4
Quirino	1	1	1	1	1	1	1	1	0	0
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	16	16	16	15	15	15	15	15	15	14
Batangas	1	1	1	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	15	15	15	15	15	15	15	15	15	14
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	7	7	7	7	7	6	6	6	6	5
Albay	2	2	2	2	2	1	1	1	1	1
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	5	5	5	5	5	5	5	5	5	5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	2	2	3	3	3	3	3	3	3	3
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	2	2	3	3	3	3	3	3	3	3
Guimaras	..	..	..	..	..	..	0	0	0	0
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	5	7	8	10	11	13	13	16	16	16
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	4	6	7	9	..	12	12	15	15	15
Negros Oriental	1	1	1	1	10	1	1	1	1	1
Siquijor	..	..	..	..	1	..	..	..	..	..
Eastern Visayas	3	4	4	5	5	5	4	3	3	3
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	2	2	2	2	2	2	1	1	1	1
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	0	0	0	0	0	0	0
Samar (Western Sama	0	1	1	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	11	12	12	12	12	13	13	12	12	12
Bukidnon	3	3	3	3	4	4	4	4	4	4
Camiguin	..	0	0	0	0	0	0	0	0	0
Lanao del Norte	7	7	7	7	7	7	7	6	6	6
Misamis Occidental	1	1	1	1	1	1	1	1	1	1
Misamis Oriental	..	1	1	1	1	1	1	1	1	1
Davao Region	11	11	11	11	10	10	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	6	6	6	6	6	6
SOCCSKSARGEN	1	1	1	1	1	1	0	0	0	0
North Cotabato	1	1	1	1	1	1	0	0	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	..	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Orchids										
Philippines	303	319	326	313	307	305	300	299	295	293
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	7	8	8	8	8	5	5	4	4	4
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	3	4	3	3	3	3	3	2	2	2
Pangasinan	4	4	4	4	5	2	2	2	2	2
Cagayan Valley	12	12	12	12	12	12	12	11	11	11
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1	1	1	1	1	1	1	1	1	1
Isabela	9	9	9	9	9	9	9	9	9	9
Nueva Vizcaya	2	2	2	2	2	2	2	1	2	2
Quirino	1	1	1	1	1	1	1	1	0	0
Central Luzon	46	52	54	52	48	47	43	42	37	37
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	15	15	15	13	9	8	4	3	2	2
Bulacan	30	36	38	38	38	38	38	39	34	34
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	1	1	1	1	1	1	1	1	1	1
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	15	15	15	14	13	12	12	12	12	12
Batangas	4	4	4	3	2	1	1	1	1	1
Cavite	3	3	3	3	3	3	3	3	3	3
Laguna	4	4	4	4	4	4	4	4	4	4
Quezon	3	3	3	3	3	3	3	3	3	3
Rizal	1	1	1	1	1	1	1	1	1	1
MIMAROPA	5	5	6	6	6	6	6	6	6	6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	5	5	6	6	6	6	6	6	6	6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	8	10	10	10	10	10	10	10	10	10
Albay	4	6	6	6	6	6	6	6	6	6
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	3	3	3	3	3	3	3	3	3	3
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	1	1	1	1	1	1	1	1	1	1
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	42	44	43	44	45	45	43	43	39	44
Aklan	5	5	5	5	5	5	5	5	5	5
Antique	2	3	3	3	2	2	2	3	3	3
Capiz	20	20	20	21	22	22	21	21	21	22
Guimaras	4	4	3	3	3	3	3	3	2	2
Iloilo	7	9	9	9	9	9	9	9	9	9
Negros Occidental	4	4	4	4	4	4	4	4	..	4
Central Visayas	16	17	15	16	16	17	18	19	14	19
Bohol	2	1	1	1	1	1	1	1	1	1
Cebu	5	7	5	6	7	8	9	9	9	9
Negros Oriental	5	5	5	5	5	5	5	5	..	5
Siquijor	4	4	4	4	4	4	4	4	4	4
Eastern Visayas	21	23	25	25	25	24	23	22	22	21
Biliran	4	4	6	6	6	6	6	6	6	5
Eastern Samar	3	3	3	3	3	3	3	3	3	3
Leyte	4	6	6	6	6	6	5	5	5	5
Northern Samar	2	2	2	2	2	2	2	2	2	2
Southern Leyte	2	2	2	2	2	2	2	2	2	2
Samar (Western Sama	6	6	6	6	6	5	5	5	5	5
Zamboanga Peninsula	31	30	31	32	32	32	32	32	32	33
Zamboanga del Norte	6	8	8	8	8	8	8	8	8	9
Zamboanga del Sur	18	16	17	17	17	18	18	18	18	18
Zamboanga Sibugay	4	4	4	4	4	4	4	3	3	3
Zamboanga City	3	3	3	3	3	3	3	3	3	3
Northern Mindanao	27	30	32	34	33	33	34	33	33	33
Bukidnon	2	2	2	2	2	2	2	2	2	2
Camiguin	2	3	5	4	4	4	3	3	3	3
Lanao del Norte	15	15	15	15	15	15	15	15	15	15
Misamis Occidental	5	5	5	6	6	6	6	6	6	6
Misamis Oriental	3	5	5	7	7	7	7	7	7	7
Davao Region	44	44	46	33	31	33	33	33	32	32
Davao del Norte	7	7	7	7	7	7	7	7	7	7
Davao del Sur	2	2	4	5	5	5	5	5	5	5
Davao Oriental	5	5	5	3	3	3	3	3	2	2
Compostela Valley	4	4	4	4	4	4	4	4	4	4
Davao City	26	26	26	15	13	14	14	14	14	14
SOCCSKSARGEN	18	18	19	19	20	20	21	22	25	23
North Cotabato	7	7	7	7	7	7	8	8	11	11
Sarangani	3	3	3	3	3	3	3	3	3	3
South Cotabato	..	..	..	..	..	6	7	7	7	6
Sultan Kudarat	4	4	5	5	6	4	4	4	3	3
Caraga	4	4	4	4	4	9	9	9	9	9
Agusan del Norte	9	9	9	9	9	2	2	2	2	2
Agusan del Sur	2	2	2	2	2	1	1	1	1	1
Dinagat Islands	1	1	1	1	1	..	..	..	0	0
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	1	1	1	1	1	0	0
Basilan	2	2	2	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	2	2	2	1	1	1	1	1	0	0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Roses										
Philippines	259	266	270	269	273	277	278	265	269	273
CAR	48	48	49	49	49	49	49	48	47	52
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	48	48	49	49	49	49	49	48	47	52
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1	1	1	1	1	1	1	1	1	1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1	1	1	1	1	1	1	1	1	1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	3	4	4	4	4	4	5	4	4	4
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	0	0	0	0	0	0	0	0	0	0
Isabela	1	1	1	1	1	1	2	2	2	2
Nueva Vizcaya	1	2	2	2	2	2	2	1	2	2
Quirino	1	1	1	1	1	1	1	1	1	1
Central Luzon	11	12	13	13	13	13	13	13	12	12
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	7	8	9	9	9	9	9	9	8	8
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	4	4	4	4	4	4	4	4	4	4
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	15	15	15	14	14	14	14	5	5	4
Batangas	1	1	1	1	1	1	1	1	1	1
Cavite	1	1	1	1	1	1	1	1	1	1
Laguna	2	2	2	2	2	2	2	2	2	2
Quezon	11	11	11	10	10	10	10	1	1	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	6	6	6	6	7	7	7	7	7	7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	1	1	1	1	1	1	1	2	2	2
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	5	5	5	5	5	5	5	5	5	5
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	7	7	8	8	7	7	7	7	7	7
Albay	1	1	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	2	2
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	17	17	21	17	17	18	15	15	15	16
Aklan	3	3	3	3	3	3	3	3	3	3
Antique	0	1	1	1	1	1	0	0	0	0
Capiz	8	9	9	9	9	10	9	9	9	10
Guimaras	1	1	4	0	0	1	0	0	0	0
Iloilo	4	3	3	3	3	3	2	2	2	2
Negros Occidental	1	1	1	1	1	1	1	1	1	1
Central Visayas	33	34	30	31	32	34	34	36	39	39
Bohol	1	1	1	1	1	1	1	1	1	1
Cebu	29	30	26	27	28	30	30	32	35	35
Negros Oriental	1	2	1	1	1	1	1	1	1	1
Siquijor	2	2	2	2	2	2	2	2	2	2
Eastern Visayas	14	15	15	15	16	15	15	15	15	15
Biliran	2	2	2	2	2	2	2	2	2	2
Eastern Samar	2	2	2	2	2	2	2	2	2	2
Leyte	2	3	3	3	3	3	2	2	2	2
Northern Samar	2	2	2	2	2	2	2	2	2	2
Southern Leyte	2	2	2	2	2	2	2	2	2	2
Samar (Western Sama	4	4	4	4	5	5	4	4	4	4
Zamboanga Peninsula	22	21	23	23	24	24	24	23	23	22
Zamboanga del Norte	3	3	4	4	4	4	4	3	3	3
Zamboanga del Sur	12	12	13	13	13	14	14	14	14	13
Zamboanga Sibugay	1	1	1	1	1	1	2	2	2	2
Zamboanga City	6	5	5	5	6	5	5	5	5	5
Northern Mindanao	40	42	44	46	48	50	53	51	51	52
Bukidnon	15	16	16	17	18	20	22	20	20	20
Camiguin	0	1	1	1	1	1	1	1	0	0
Lanao del Norte	15	15	15	15	15	15	15	15	15	15
Misamis Occidental	..	..	..	..	0	0	0	0	0	0
Misamis Oriental	10	10	12	13	14	15	15	15	15	16
Davao Region	22	22	22	22	22	21	21	21	24	24
Davao del Norte	8	8	8	8	8	8	7	7	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	0	0
Compostela Valley	3	3	3	3	3	2	2	2	2	2
Davao City	8	8	8	8	8	8	9	9	12	12
SOCCSKSARGEN	8	10	10	10	9	9	9	10	10	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	3	5	5	5	5	5	6	6	6	6
Sultan Kudarat	1	1	1	1	1	1	1	1	1	1
Caraga	10	9	9	10	9	9	9	9	9	9
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	1
Dinagat Islands	..	..	..	..	..	..	..	..	0	0
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	1	1	1	1	1	0	0	0	0	0
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	1	1	1	1	1	0	0	0	0	0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Banana										
Philippines	438,593	446,371	449,443	450,125	454,262	446,017	442,751	443,370	442,865	446,764
CAR	4,956	4,864	4,842	4,864	4,932	5,149	4,796	4,864	4,782	2,929
Abra	863	864	864	864	864	866	863	863	863	848
Apayao	2,227	2,225	2,216	2,318	2,379	2,569	2,290	2,345	2,288	535
Benguet	300	298	298	290	282	282	282	284	283	253
Ifugao	874	852	852	813	813	813	722	722	723	710
Kalinga	295	295	271	271	296	302	318	329	329	338
Mountain Province	397	330	341	308	298	317	321	321	296	245
Ilocos Region	7,863	7,818	7,615	7,538	7,590	7,615	7,614	7,589	7,485	7,444
Ilocos Norte	1,813	1,798	1,782	1,713	1,706	1,690	1,686	1,684	1,666	1,642
Ilocos Sur	1,482	1,492	1,492	1,487	1,485	1,492	1,492	1,488	1,497	1,491
La Union	1,194	1,201	1,104	1,105	1,126	1,159	1,165	1,148	1,163	1,163
Pangasinan	3,374	3,328	3,237	3,234	3,274	3,274	3,271	3,269	3,159	3,148
Cagayan Valley	23,576	23,634	23,651	23,656	24,130	25,504	25,806	25,807	25,992	25,454
Batanes	..	..	..	..	83	83	83	77	71	23
Cagayan	4,805	4,796	4,795	4,795	4,795	4,815	4,863	4,902	5,085	4,548
Isabela	9,754	9,801	9,801	9,811	10,202	11,557	11,810	11,747	11,737	11,737
Nueva Vizcaya	1,882	1,897	1,897	1,892	1,892	1,892	1,892	1,923	1,941	1,941
Quirino	7,135	7,140	7,158	7,158	7,158	7,158	7,158	7,158	7,158	7,205
Central Luzon	6,305	6,291	6,295	6,273	6,256	6,228	6,215	6,145	6,402	6,504
Aurora	2,049	2,041	2,055	2,055	2,067	2,073	2,126	2,118	2,250	2,359
Bataan	267	267	258	245	226	217	215	212	209	209
Bulacan	1,373	1,367	1,371	1,371	1,372	1,362	1,319	1,280	1,404	1,403
Nueva Ecija	654	654	654	654	654	654	654	654	647	647
Pampanga	492	492	492	493	493	493	493	493	493	493
Tarlac	870	870	870	870	870	870	860	850	859	860
Zambales	600	600	595	585	574	559	548	538	540	533
CALABARZON	28,621	29,364	29,663	29,706	29,925	29,879	28,670	27,375	27,095	27,050
Batangas	6,317	7,045	7,452	7,525	6,710	6,680	5,902	5,739	5,665	5,530
Cavite	3,870	3,870	3,875	3,875	3,897	3,870	3,870	3,738	3,742	3,743
Laguna	7,022	7,057	7,074	7,074	7,074	7,074	6,642	6,372	6,372	6,379
Quezon	9,370	9,350	9,220	9,190	10,202	10,213	10,213	9,781	9,781	9,863
Rizal	2,042	2,042	2,042	2,042	2,042	2,042	2,042	1,745	1,535	1,535
MIMAROPA	26,753	26,522	26,638	26,754	26,925	22,245	22,637	22,698	22,710	22,854
Marinduque	452	458	462	470	470	463	462	462	464	462
Occidental Mindoro	648	656	669	681	720	754	770	807	822	854
Oriental Mindoro	18,515	18,318	18,352	18,407	18,374	13,570	13,947	13,995	13,987	13,987
Palawan	5,356	5,388	5,453	5,485	5,650	5,743	5,756	5,785	5,783	5,861
Romblon	1,782	1,702	1,702	1,711	1,711	1,715	1,702	1,649	1,655	1,691
Bicol Region	18,754	18,694	18,809	18,777	18,816	18,824	18,522	18,288	18,277	18,510
Albay	967	967	967	932	932	932	778	599	571	571
Camarines Norte	4,506	4,437	4,454	4,463	4,500	4,507	4,507	4,507	4,524	4,757
Camarines Sur	9,335	9,335	9,335	9,335	9,335	9,335	9,335	9,322	9,322	9,322
Catanduanes	407	407	407	407	407	407	407	407	407	407
Masbate	1,047	1,056	1,149	1,150	1,150	1,150	1,150	1,108	1,108	1,108
Sorsogon	2,492	2,492	2,497	2,490	2,492	2,493	2,345	2,345	2,345	2,345
Western Visayas	34,221	34,310	34,427	34,698	34,900	34,964	32,575	32,731	32,662	32,667
Aklan	6,164	6,058	6,060	6,062	6,055	6,031	4,418	4,430	4,429	4,429
Antique	1,616	1,626	1,635	1,643	1,643	1,720	1,727	1,796	1,796	1,796
Capiz	2,417	2,419	2,430	2,431	2,435	2,435	1,758	1,786	1,791	1,794
Guimaras	551	544	544	564	564	570	582	586	592	593
Iloilo	13,970	14,160	14,255	14,495	14,700	14,705	14,703	14,746	14,779	14,781
Negros Occidental	9,503	9,503	9,503	9,503	9,503	9,503	9,387	9,387	9,275	9,275
Central Visayas	21,097	21,500	21,541	21,536	21,571	21,616	20,954	20,955	20,924	20,907
Bohol	2,792	3,020	3,035	3,035	3,035	3,093	2,367	2,367	2,367	2,361
Cebu	9,162	9,170	9,171	9,163	9,228	9,220	9,281	9,279	9,269	9,250
Negros Oriental	7,877	8,037	8,062	8,063	8,028	8,021	8,021	8,024	8,019	8,019
Siquijor	1,266	1,273	1,273	1,275	1,280	1,282	1,285	1,285	1,270	1,277
Eastern Visayas	30,649	30,694	30,566	30,380	30,542	30,543	27,556	27,521	27,851	27,865
Biliran	1,433	1,441	1,428	1,430	1,430	1,431	1,235	1,234	1,241	1,242
Eastern Samar	1,438	1,440	1,440	1,431	1,434	1,434	1,407	1,407	1,407	1,407
Leyte	6,210	6,247	6,247	6,249	6,328	6,328	4,895	4,890	4,934	4,935
Northern Samar	5,383	5,383	5,390	5,390	5,390	5,390	5,396	5,379	5,379	5,379
Southern Leyte	4,915	4,910	4,945	4,965	4,965	4,965	4,723	4,723	4,735	4,738
Samar (Western Sama	11,270	11,272	11,116	10,916	10,995	10,995	9,901	9,888	10,155	10,165
Zamboanga Peninsula	19,620	19,614	19,709	19,864	20,219	20,142	19,898	19,290	19,451	19,648
Zamboanga del Norte	7,705	7,781	7,878	8,075	8,436	8,437	8,430	8,416	8,413	8,605
Zamboanga del Sur	6,241	6,180	6,193	6,257	6,197	6,221	6,205	6,208	6,395	6,395
Zamboanga Sibugay	2,339	2,302	2,287	2,167	2,159	2,054	1,829	1,730	1,730	1,735
Zamboanga City	3,335	3,351	3,351	3,365	3,427	3,430	3,434	2,936	2,913	2,913
Northern Mindanao	49,903	50,527	51,519	51,452	51,433	51,857	52,112	52,192	52,523	53,702
Bukidnon	19,439	19,947	20,502	20,392	20,379	20,791	20,789	20,884	20,984	21,159
Camiguin	1,282	1,262	1,260	1,260	1,257	1,246	1,245	1,245	1,235	1,237
Lanao del Norte	8,768	8,759	8,759	8,678	8,663	8,659	8,659	8,652	8,615	8,615
Misamis Occidental	4,347	4,500	4,540	4,582	4,584	4,584	4,717	4,737	4,727	5,129
Misamis Oriental	16,067	16,059	16,458	16,540	16,550	16,577	16,702	16,674	16,962	17,562
Davao Region	80,221	86,302	87,313	88,379	88,320	83,628	86,482	88,275	89,087	92,650
Davao del Norte	33,623	34,970	35,359	35,933	35,603	35,320	36,153	36,368	37,309	37,279
Davao del Sur	14,469	14,926	15,072	15,192	15,374	15,373	15,384	15,413	15,353	15,353
Davao Oriental	6,067	8,972	9,070	9,414	9,590	8,694	10,431	10,529	10,659	10,705
Compostela Valley	20,573	21,943	22,323	22,323	22,178	18,691	18,962	19,131	18,788	22,076
Davao City	5,489	5,491	5,489	5,517	5,575	5,550	5,552	6,834	6,978	7,237
SOCCSKSARGEN	29,101	28,876	29,243	29,284	29,952	32,075	32,078	32,800	30,443	31,229
North Cotabato	15,568	15,253	15,263	15,283	15,368	16,675	16,663	16,212	14,040	14,250
Sarangani	2,945	2,965	3,276	3,542	3,670	3,713	3,882	3,808	3,624	3,745
South Cotabato	7,783	7,856	7,966	7,870	8,680	9,265	9,172	9,080	8,799	8,778
Sultan Kudarat	2,804	2,802	2,738	2,588	2,235	2,422	2,361	3,700	3,980	4,456
Caraga	25,967	25,791	26,060	24,728	26,263	23,020	23,106	23,109	23,414	23,523
Agusan del Norte	9,002	9,007	9,008	8,771	8,635	5,418	5,415	5,323	5,337	5,347
Agusan del Sur	11,638	11,448	11,462	11,068	11,025	10,242	10,759	10,870	11,142	11,148
Dinagat Islands	..	..	..	..	..	77	76	76	78	80
Surigao del Norte	1,095	1,095	1,090	934	952	2,195	1,363	1,360	1,360	1,352
Surigao del Sur	4,232	4,241	4,500	3,955	5,651	5,087	5,493	5,481	5,497	5,597
ARMM	30,988	31,570	31,552	32,237	32,488	32,728	33,732	33,731	33,768	33,828
Basilan	7,094	7,094	7,094	7,094	7,104	7,119	7,104	7,104	7,104	7,104
Lanao del Sur	4,915	4,915	4,915	4,915	5,205	5,208	5,322	5,208	5,208	5,208
Maguindanao	15,681	16,263	16,286	16,993	16,942	17,162	18,077	18,192	18,225	18,225
Sulu	2,572	2,572	2,532	2,508	2,511	2,516	2,504	2,504	2,507	2,566
Tawi-tawi	726	726	725	727	726	723	725	723	724	725

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Banana Cavendish										
Philippines	75,151	77,599	79,642	80,230	82,414	82,903	84,133	85,809	86,668	88,010
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	5	6	6	10	11	11	11	22	21	21
Batanes	..	..	..	..	1	1	1	1	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	5	6	6	10	10	10	10	21	21	21
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	25	44	44	44	44	44	32	32	32
Batangas	..	..	2	2	..	..	..	..	..	..
Cavite	..	..	..	..	2	2	2	2	2	2
Laguna	..	25	42	42	42	42	42	30	30	30
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	78
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	78
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	145	146	148	159	160	151	151	154	158	159
Aklan	2	2	2	3	2	2	2	5	5	5
Antique	5	6	6	7	7	8	9	9	9	9
Capiz	..	..	..	..	..	..	1	1	2	2
Guimaras	1	1	1	1	1	1	1	1	1	1
Iloilo	137	137	139	148	150	140	138	138	141	143
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	27	86	94	97	112	112	170	158	137	87
Bohol	12	70	70	70	70	70	68	68	68	51
Cebu	4	4	3	5	20	20	79	64	45	12
Negros Oriental	11	12	21	22	22	22	22	25	23	23
Siquijor	..	..	..	..	..	..	1	1	1	1
Eastern Visayas	15	34	34	34	36	36	28	27	27	27
Biliran	..	2	2	2	2	2	2	2	2	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	15	32	32	32	34	34	26	25	25	25
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	30	30	30	29	98	72	68	20	17	35
Zamboanga del Norte	..	..	..	..	80	56	52	5	..	18
Zamboanga del Sur	26	26	26	25	15	13	13	13	15	15
Zamboanga Sibugay	4	4	4	4	3	3	3	2	2	2
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	15,545	16,059	16,707	16,635	16,628	17,074	17,168	17,268	17,354	17,502
Bukidnon	15,500	16,000	16,600	16,490	16,481	16,900	16,900	17,000	17,100	17,250
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	42	42	40	32	34	34	34	34	20	18
Misamis Oriental	3	17	67	113	113	140	234	234	234	234
Davao Region	45,655	47,435	48,153	48,741	48,535	46,681	47,092	48,050	49,140	49,692
Davao del Norte	27,132	28,359	28,664	29,136	28,772	28,564	28,846	28,972	29,854	29,754
Davao del Sur	3,450	3,500	3,500	3,565	3,625	3,625	3,627	3,642	3,630	3,630
Davao Oriental	4	3	58	59	110	58	58	156	316	326
Compostela Valley	12,483	12,983	13,333	13,333	13,333	11,759	11,884	11,934	11,934	12,551
Davao City	2,586	2,590	2,598	2,648	2,695	2,675	2,677	3,346	3,406	3,431
SOCCSKSARGEN	8,995	8,833	9,219	9,283	10,140	11,668	11,784	12,516	12,180	12,724
North Cotabato	4,037	3,770	3,770	3,800	3,840	4,550	4,500	4,000	3,500	3,550
Sarangani	1,443	1,452	1,755	1,782	1,795	1,798	1,890	1,792	1,710	1,750
South Cotabato	3,510	3,608	3,692	3,699	4,483	5,110	5,174	5,150	5,150	5,130
Sultan Kudarat	5	3	2	2	22	210	220	1,574	1,820	2,294
Caraga	569	580	842	804	2,105	2,146	2,546	2,545	2,545	2,595
Agusan del Norte	470	475	470	390	300	230	230	232	232	232
Agusan del Sur	8	5	4	2	1	1	1	1	1	7
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	70	70	68	50	40	15	15	12	12	6
Surigao del Sur	21	30	300	362	1,764	1,900	2,300	2,300	2,300	2,350
ARMM	4,165	4,365	4,365	4,395	4,545	4,908	5,072	5,018	5,058	5,058
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	5	5	5	5	155	408	522	408	408	408
Maguindanao	4,160	4,360	4,360	4,390	4,390	4,500	4,550	4,610	4,650	4,650
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Banana Lakatan										
Philippines	53,591	56,252	56,579	57,032	58,071	55,908	56,395	56,473	54,675	54,978
CAR	975	968	959	965	1,004	1,142	954	981	949	373
Abra	55	54	54	54	54	55	55	55	55	55
Apayao	750	750	750	760	800	946	760	790	760	185
Benguet	58	55	54	53	51	51	51	48	47	46
Ifugao	32	30	30	27	27	24	22	22	23	23
Kalinga	75	75	69	69	70	65	65	65	64	64
Mountain Province	5	4	2	2	2	1	1	1	..	..
Ilocos Region	288	290	280	282	283	283	279	260	254	254
Ilocos Norte	25	35	35	35	37	37	37	37	37	37
Ilocos Sur	19	19	21	23	25	25	25	25	25	25
La Union	130	130	118	118	118	117	117	100	100	100
Pangasinan	114	106	106	106	104	104	100	98	92	92
Cagayan Valley	3,207	3,226	3,231	3,214	3,245	3,286	3,283	3,105	3,125	3,032
Batanes	..	..	..	..	6	6	6	6	6	1
Cagayan	555	554	554	554	554	558	570	552	579	486
Isabela	1,055	1,065	1,065	1,065	1,090	1,127	1,112	952	942	942
Nueva Vizcaya	192	202	202	185	185	185	185	185	188	188
Quirino	1,405	1,405	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,415
Central Luzon	1,281	1,282	1,292	1,290	1,288	1,283	1,214	1,185	1,181	1,196
Aurora	327	325	335	335	341	342	290	260	260	276
Bataan	67	67	67	67	60	58	63	63	60	60
Bulacan	511	514	515	515	516	516	497	500	502	500
Nueva Ecija	117	117	117	117	117	117	117	117	115	115
Pampanga	145	145	145	145	145	145	145	145	145	145
Tarlac	22	22	22	22	22	22	22	22	22	23
Zambales	92	92	91	89	87	83	80	78	77	77
CALABARZON	2,438	2,418	2,423	2,406	2,391	2,388	2,349	2,253	2,251	2,303
Batangas	80	80	80	85	70	65	64	62	60	60
Cavite	790	790	795	795	795	795	795	775	775	776
Laguna	638	638	638	638	638	638	600	575	575	576
Quezon	720	700	700	678	678	680	680	651	651	701
Rizal	210	210	210	210	210	210	210	190	190	190
MIMAROPA	4,945	4,964	4,986	5,028	5,100	4,040	4,105	4,111	4,105	4,099
Marinduque	42	47	47	49	49	50	50	50	50	49
Occidental Mindoro	78	80	83	84	86	88	88	90	92	94
Oriental Mindoro	3,997	4,005	4,017	4,044	4,044	2,952	3,018	3,018	3,010	3,010
Palawan	765	778	785	795	865	893	895	899	899	899
Romblon	63	54	54	56	56	57	55	54	54	47
Bicol Region	1,063	1,063	1,080	1,079	1,079	1,080	1,075	1,059	1,058	1,081
Albay	18	18	18	17	17	17	12	12	11	11
Camarines Norte	225	225	225	226	226	226	226	226	226	249
Camarines Sur	572	572	572	572	572	572	572	570	570	570
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	170	170	187	187	187	187	187	173	173	173
Sorsogon	78	78	78	77	77	78	78	78	78	78
Western Visayas	1,730	1,753	1,771	1,816	1,874	1,893	1,880	1,896	1,903	1,905
Aklan	51	51	51	53	51	51	38	42	46	46
Antique	69	70	71	71	71	72	73	75	75	75
Capiz	10	10	20	20	20	20	15	17	19	20
Guimaras	14	12	12	22	22	25	26	30	30	31
Iloilo	1,136	1,160	1,167	1,200	1,260	1,275	1,278	1,282	1,286	1,286
Negros Occidental	450	450	450	450	450	450	450	450	447	447
Central Visayas	2,344	2,353	2,374	2,376	2,386	2,399	2,381	2,390	2,398	2,409
Bohol	492	492	507	507	507	515	494	494	494	494
Cebu	850	852	852	852	863	868	870	880	889	899
Negros Oriental	990	995	1,001	1,001	999	999	999	998	998	998
Siquijor	12	14	14	16	17	17	18	18	17	18
Eastern Visayas	1,468	1,471	1,469	1,472	1,451	1,451	1,392	1,377	1,385	1,396
Biliran	113	113	113	113	113	113	94	94	94	85
Eastern Samar	185	185	185	184	184	184	184	184	184	184
Leyte	88	91	91	93	97	97	75	75	80	80
Northern Samar	595	595	597	597	597	597	598	595	595	595
Southern Leyte	170	169	168	170	170	170	169	169	170	172
Samar (Western Sama	317	318	315	315	290	290	273	260	262	280
Zamboanga Peninsula	3,357	3,394	3,447	3,540	4,308	4,365	4,395	4,349	4,339	4,400
Zamboanga del Norte	1,630	1,655	1,685	1,688	1,965	1,980	1,986	2,017	2,020	2,079
Zamboanga del Sur	1,131	1,135	1,158	1,230	1,680	1,720	1,744	1,746	1,735	1,735
Zamboanga Sibugay	256	264	264	277	298	298	298	280	280	282
Zamboanga City	340	340	340	345	365	367	367	306	304	304
Northern Mindanao	6,685	6,691	6,747	6,724	6,726	6,724	6,724	6,706	6,678	6,703
Bukidnon	1,750	1,755	1,710	1,710	1,704	1,704	1,704	1,704	1,704	1,730
Camiguin	12	10	10	10	11	9	9	9	9	9
Lanao del Norte	2,208	2,208	2,208	2,158	2,155	2,155	2,155	2,160	2,128	2,127
Misamis Occidental	945	945	946	946	946	946	946	946	950	950
Misamis Oriental	1,770	1,773	1,873	1,900	1,910	1,910	1,910	1,887	1,887	1,887
Davao Region	8,626	11,023	11,144	11,345	11,417	10,971	11,287	11,669	11,648	12,374
Davao del Norte	1,273	1,278	1,296	1,377	1,396	1,358	1,584	1,596	1,594	1,614
Davao del Sur	2,972	3,325	3,400	3,450	3,550	3,550	3,553	3,561	3,513	3,513
Davao Oriental	2,158	4,122	4,130	4,150	4,200	4,120	4,200	4,200	4,188	4,188
Compostela Valley	1,575	1,650	1,670	1,670	1,570	1,240	1,245	1,257	1,248	1,804
Davao City	648	648	648	698	701	703	705	1,055	1,105	1,255
SOCCSKSARGEN	6,945	6,872	6,863	6,752	6,800	6,950	6,820	6,786	4,989	5,040
North Cotabato	3,800	3,750	3,750	3,750	3,770	3,970	4,000	4,030	2,500	2,535
Sarangani	345	347	350	375	420	440	512	515	443	485
South Cotabato	2,436	2,411	2,399	2,297	2,270	2,200	2,018	1,950	1,635	1,640
Sultan Kudarat	364	364	364	330	340	340	290	291	411	380
Caraga	3,674	3,529	3,561	3,493	3,491	2,416	2,526	2,556	2,632	2,639
Agusan del Norte	1,290	1,290	1,290	1,290	1,290	550	547	547	545	545
Agusan del Sur	1,565	1,420	1,455	1,415	1,415	1,275	1,390	1,425	1,498	1,498
Dinagat Islands	..	..	..	..	..	1	1	1	1	2
Surigao del Norte	16	16	16	10	8	7	5	5	5	5
Surigao del Sur	803	803	800	778	778	583	583	578	583	590
ARMM	4,565	4,954	4,952	5,250	5,228	5,238	5,732	5,791	5,781	5,774
Basilan	587	587	587	587	570	570	560	560	560	560
Lanao del Sur	1,200	1,200	1,200	1,200	1,200	1,100	1,100	1,100	1,100	1,100
Maguindanao	2,600	2,990	2,990	3,290	3,290	3,400	3,900	3,960	3,950	3,950
Sulu	129	129	127	125	120	120	122	122	122	115
Tawi-tawi	49	48	48	48	48	48	50	49	49	49

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Banana Saba										
Philippines	183,139	185,118	185,800	186,317	187,428	183,484	182,416	182,001	182,414	185,279
CAR	1,336	1,304	1,328	1,318	1,317	1,353	1,332	1,352	1,322	863
Abra	391	392	392	392	392	392	390	390	390	380
Apayao	497	497	497	510	511	520	510	525	511	94
Benguet	90	91	92	90	88	88	88	88	88	79
Ifugao	87	86	86	83	83	83	67	67	67	65
Kalinga	68	68	62	62	72	78	85	90	90	97
Mountain Province	203	170	199	181	171	192	192	192	176	148
Ilocos Region	3,270	3,267	3,161	3,104	3,113	3,144	3,151	3,151	3,053	3,039
Ilocos Norte	755	755	755	704	704	705	705	705	705	691
Ilocos Sur	542	542	542	542	542	547	547	547	547	547
La Union	339	342	319	319	330	355	362	362	363	363
Pangasinan	1,634	1,628	1,545	1,539	1,537	1,537	1,538	1,537	1,438	1,438
Cagayan Valley	14,360	14,387	14,397	14,422	14,676	15,797	15,865	16,032	16,028	15,937
Batanes	..	..	..	..	5	5	5	6	6	3
Cagayan	1,985	1,985	1,985	1,985	1,985	1,997	2,040	2,123	2,133	2,013
Isabela	7,242	7,262	7,262	7,262	7,512	8,620	8,645	8,722	8,702	8,702
Nueva Vizcaya	673	675	675	700	700	700	700	706	712	712
Quirino	4,460	4,465	4,475	4,475	4,475	4,475	4,475	4,475	4,475	4,507
Central Luzon	2,444	2,439	2,439	2,437	2,434	2,429	2,509	2,515	2,678	2,679
Aurora	998	998	999	999	1,005	1,008	1,100	1,118	1,250	1,280
Bataan	76	76	76	75	68	68	68	68	68	68
Bulacan	250	245	245	245	245	240	233	233	250	255
Nueva Ecija	242	242	242	242	242	242	242	242	242	242
Pampanga	120	120	120	121	121	121	121	121	121	121
Tarlac	473	473	473	473	473	473	470	460	463	463
Zambales	285	285	284	282	280	277	275	273	284	250
CALABARZON	16,337	17,087	17,312	17,362	17,602	17,582	17,393	16,575	16,472	16,351
Batangas	3,920	4,650	4,850	4,900	4,122	4,100	3,986	3,825	3,825	3,689
Cavite	2,180	2,180	2,185	2,185	2,185	2,178	2,178	2,100	2,102	2,102
Laguna	3,925	3,925	3,925	3,925	3,925	3,925	3,850	3,700	3,700	3,705
Quezon	5,050	5,070	5,090	5,090	6,108	6,117	6,117	5,850	5,850	5,860
Rizal	1,262	1,262	1,262	1,262	1,262	1,262	1,262	1,100	995	995
MIMAROPA	14,712	14,720	14,791	14,864	14,984	11,849	11,946	12,210	12,216	12,282
Marinduque	202	204	205	208	208	204	204	204	207	207
Occidental Mindoro	252	255	260	268	300	315	325	350	351	380
Oriental Mindoro	9,885	9,900	9,917	9,956	9,956	6,770	6,852	7,119	7,119	7,119
Palawan	3,048	3,072	3,120	3,140	3,228	3,266	3,276	3,296	3,296	3,296
Romblon	1,325	1,289	1,289	1,292	1,292	1,294	1,289	1,241	1,243	1,280
Bicol Region	9,512	9,462	9,500	9,492	9,514	9,514	9,392	9,372	9,381	9,570
Albay	241	241	241	230	230	230	168	158	150	150
Camarines Norte	3,010	2,955	2,970	2,975	2,996	2,996	2,996	2,996	3,013	3,202
Camarines Sur	4,719	4,719	4,719	4,719	4,719	4,719	4,719	4,715	4,715	4,715
Catanduanes	213	213	213	213	213	213	213	213	213	213
Masbate	345	350	373	373	373	373	373	367	367	367
Sorsogon	984	984	984	982	983	983	923	923	923	923
Western Visayas	18,742	18,701	18,721	18,825	18,887	18,929	17,274	17,354	17,315	17,318
Aklan	4,188	4,115	4,115	4,118	4,118	4,098	3,075	3,087	3,083	3,083
Antique	845	848	850	853	853	887	890	920	920	920
Capiz	2,149	2,149	2,147	2,147	2,147	2,147	1,600	1,610	1,610	1,610
Guimaras	421	420	420	425	425	428	435	435	438	438
Iloilo	7,045	7,075	7,095	7,188	7,250	7,275	7,282	7,310	7,322	7,325
Negros Occidental	4,094	4,094	4,094	4,094	4,094	4,094	3,992	3,992	3,942	3,942
Central Visayas	12,567	12,891	12,896	12,902	12,931	12,941	12,450	12,451	12,436	12,455
Bohol	1,350	1,520	1,520	1,520	1,520	1,540	1,049	1,049	1,049	1,061
Cebu	5,880	5,884	5,884	5,890	5,945	5,941	5,941	5,942	5,942	5,944
Negros Oriental	4,352	4,500	4,505	4,505	4,479	4,472	4,472	4,472	4,470	4,470
Siquijor	985	987	987	987	987	988	988	988	975	980
Eastern Visayas	14,571	14,579	14,607	14,606	14,647	14,647	13,655	13,653	13,856	13,866
Biliran	940	944	939	940	940	940	780	781	782	784
Eastern Samar	710	710	710	707	708	708	708	708	708	708
Leyte	1,610	1,615	1,615	1,615	1,655	1,655	1,250	1,250	1,270	1,270
Northern Samar	2,576	2,576	2,578	2,578	2,578	2,578	2,579	2,576	2,576	2,576
Southern Leyte	3,475	3,474	3,505	3,506	3,506	3,506	3,394	3,394	3,398	3,398
Samar (Western Sama	5,260	5,260	5,260	5,260	5,260	5,260	4,944	4,944	5,122	5,130
Zamboanga Peninsula	8,319	8,351	8,399	8,541	8,550	8,540	8,544	8,264	8,366	8,466
Zamboanga del Norte	3,840	3,865	3,891	4,017	4,020	4,030	4,035	4,050	4,055	4,152
Zamboanga del Sur	2,100	2,100	2,122	2,125	2,070	2,048	2,045	2,050	2,162	2,162
Zamboanga Sibugay	617	625	625	634	685	685	685	657	657	660
Zamboanga City	1,762	1,761	1,761	1,765	1,775	1,777	1,779	1,507	1,492	1,492
Northern Mindanao	12,694	12,831	12,972	13,084	13,080	13,076	13,237	13,242	13,539	14,543
Bukidnon	1,630	1,630	1,630	1,630	1,629	1,630	1,630	1,630	1,630	1,630
Camiguin	970	960	960	960	957	952	952	952	949	950
Lanao del Norte	3,803	3,803	3,803	3,860	3,860	3,860	3,860	3,860	3,860	3,860
Misamis Occidental	1,990	2,149	2,190	2,245	2,245	2,245	2,375	2,375	2,375	2,778
Misamis Oriental	4,301	4,289	4,389	4,389	4,389	4,389	4,420	4,425	4,725	5,325
Davao Region	21,084	21,866	21,943	22,150	22,165	20,136	22,110	22,306	22,182	24,177
Davao del Norte	4,198	4,302	4,353	4,365	4,378	4,356	4,561	4,682	4,745	4,784
Davao del Sur	6,636	6,680	6,680	6,685	6,685	6,685	6,687	6,691	6,691	6,691
Davao Oriental	3,350	3,984	4,000	4,200	4,250	3,542	5,176	5,176	5,160	5,167
Compostela Valley	5,330	5,330	5,340	5,340	5,290	3,992	4,125	4,196	4,021	5,970
Davao City	1,570	1,570	1,570	1,560	1,562	1,561	1,561	1,561	1,565	1,565
SOCCSKSARGEN	9,314	9,346	9,296	9,421	9,333	9,702	9,746	9,736	9,636	9,723
North Cotabato	5,930	5,950	5,960	5,960	5,975	6,335	6,345	6,350	6,300	6,325
Sarangani	725	728	730	916	925	930	934	940	935	960
South Cotabato	884	893	906	910	916	920	950	952	976	980
Sultan Kudarat	1,775	1,775	1,700	1,635	1,517	1,517	1,517	1,494	1,425	1,458
Caraga	9,384	9,394	9,417	8,800	9,030	8,671	8,284	8,260	8,404	8,425
Agusan del Norte	3,315	3,315	3,305	3,300	3,275	2,750	2,750	2,700	2,720	2,720
Agusan del Sur	3,560	3,570	3,575	3,585	3,545	2,950	3,146	3,173	3,294	3,294
Dinagat Islands	..	..	..	..	..	35	35	35	35	36
Surigao del Norte	804	804	802	680	680	1,751	1,165	1,165	1,165	1,165
Surigao del Sur	1,705	1,705	1,735	1,235	1,530	1,185	1,188	1,187	1,190	1,210
ARMM	14,492	14,493	14,621	14,990	15,165	15,174	15,528	15,528	15,531	15,586
Basilan	3,739	3,739	3,739	3,739	3,815	3,824	3,824	3,824	3,824	3,824
Lanao del Sur	1,200	1,200	1,200	1,200	1,300	1,300	1,300	1,300	1,300	1,300
Maguindanao	7,591	7,591	7,750	8,138	8,138	8,138	8,500	8,500	8,500	8,500
Sulu	1,600	1,600	1,570	1,550	1,550	1,550	1,542	1,542	1,545	1,600
Tawi-tawi	362	363	362	363	362	362	362	362	362	362

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Calamansi										
Philippines	20,956	20,912	20,987	21,141	20,843	20,262	20,065	19,993	19,824	19,788
CAR	68	65	64	65	67	69	73	75	73	74
Abra	11	11	11	11	11	11	11	11	11	11
Apayao	18	18	18	18	20	20	25	25	23	24
Benguet	16	13	12	13	13	13	13	13	13	13
Ifugao	11	11	11	11	11	11	11	11	11	11
Kalinga	7	7	7	8	8	10	10	12	12	12
Mountain Province	5	5	5	4	4	4	3	3	3	3
Ilocos Region	1,018	1,025	1,026	1,026	1,026	1,026	1,026	1,026	1,018	1,015
Ilocos Norte	140	142	142	142	142	139	139	139	131	127
Ilocos Sur	110	113	113	113	113	116	116	116	116	115
La Union	139	141	141	141	141	141	141	141	141	144
Pangasinan	629	629	630	630	630	630	630	630	630	630
Cagayan Valley	1,180	1,182	1,182	1,168	1,188	1,207	1,225	1,227	1,229	1,199
Batanes	..	..	..	..	17	17	15	14	14	11
Cagayan	502	500	500	500	503	508	505	508	510	478
Isabela	546	546	546	536	536	550	570	570	570	575
Nueva Vizcaya	70	71	71	67	67	67	67	70	70	70
Quirino	62	65	65	65	65	65	68	65	65	65
Central Luzon	1,223	1,226	1,238	1,234	1,230	1,225	1,243	1,250	1,248	1,244
Aurora	226	220	220	218	220	220	255	255	253	240
Bataan	32	32	32	30	30	32	28	28	28	28
Bulacan	100	110	120	120	120	120	107	110	112	112
Nueva Ecija	460	450	450	450	450	450	450	452	450	452
Pampanga	175	175	175	175	175	175	175	175	175	180
Tarlac	129	129	129	129	120	110	110	110	110	110
Zambales	101	110	112	112	115	118	118	120	120	122
CALABARZON	1,478	1,480	1,480	1,726	1,756	1,734	1,661	1,662	1,662	1,658
Batangas	434	434	434	679	679	687	614	614	614	614
Cavite	105	105	105	105	105	105	105	105	105	105
Laguna	416	419	419	420	420	420	420	421	421	415
Quezon	451	450	450	450	480	450	450	450	450	452
Rizal	72	72	72	72	72	72	72	72	72	72
MIMAROPA	7,962	7,966	7,977	7,989	7,663	6,862	6,579	6,585	6,571	6,563
Marinduque	20	20	20	21	21	21	20	20	21	22
Occidental Mindoro	50	50	55	55	61	65	65	66	68	70
Oriental Mindoro	7,322	7,322	7,323	7,325	6,995	6,185	5,903	5,903	5,886	5,874
Palawan	526	530	536	545	547	553	553	558	558	558
Romblon	44	44	43	43	39	38	37	37	38	39
Bicol Region	1,077	1,030	993	988	967	952	947	885	827	827
Albay	150	150	148	145	140	130	125	70	68	68
Camarines Norte	84	84	84	82	84	85	85	85	94	94
Camarines Sur	479	479	479	479	479	479	479	475	475	475
Catanduanes	11	11	11	11	11	11	11	11	11	11
Masbate	43	43	47	47	47	47	47	44	44	44
Sorsogon	310	263	224	224	206	200	200	200	135	135
Western Visayas	962	939	934	919	899	878	841	793	791	791
Aklan	151	150	150	150	150	150	120	120	120	120
Antique	16	17	17	19	19	20	20	21	21	21
Capiz	40	40	40	40	42	42	37	38	38	38
Guimaras	460	440	435	420	400	375	375	325	325	325
Iloilo	275	272	272	270	268	271	269	269	269	269
Negros Occidental	20	20	20	20	20	20	20	20	18	18
Central Visayas	252	257	251	251	250	247	247	251	249	255
Bohol	23	25	25	25	25	25	25	25	25	30
Cebu	122	122	116	116	115	112	112	115	113	114
Negros Oriental	100	103	103	103	103	104	104	105	105	105
Siquijor	7	7	7	7	7	6	6	6	6	6
Eastern Visayas	192	195	196	197	205	205	177	177	178	182
Biliran	9	10	10	10	10	10	9	9	10	12
Eastern Samar	45	45	46	46	47	47	47	47	47	47
Leyte	85	86	86	86	91	91	65	65	65	65
Northern Samar	13	13	13	14	14	14	14	14	14	14
Southern Leyte	6	6	6	6	6	6	6	6	6	6
Samar (Western Sama	34	35	35	35	37	37	36	36	37	38
Zamboanga Peninsula	979	981	1,087	1,092	1,079	1,077	1,037	1,030	1,027	1,025
Zamboanga del Norte	200	202	207	210	215	215	180	182	182	180
Zamboanga del Sur	43	43	45	48	49	52	52	54	53	53
Zamboanga Sibugay	650	650	750	750	745	745	745	734	734	734
Zamboanga City	86	86	85	84	70	65	60	60	58	58
Northern Mindanao	425	425	425	424	424	424	662	682	660	660
Bukidnon	58	60	60	60	60	60	60	60	60	60
Camiguin	7	7	7	7	7	7	7	7	7	7
Lanao del Norte	240	240	240	242	242	242	480	500	480	480
Misamis Occidental	50	50	50	50	50	50	50	50	50	50
Misamis Oriental	70	68	68	65	65	65	65	65	63	63
Davao Region	1,995	1,993	1,992	1,947	1,946	1,797	1,790	1,788	1,770	1,770
Davao del Norte	1,268	1,268	1,272	1,275	1,275	1,273	1,269	1,272	1,291	1,294
Davao del Sur	106	106	102	104	105	105	105	105	105	105
Davao Oriental	49	49	48	48	48	44	45	45	45	46
Compostela Valley	458	458	458	458	460	321	321	321	299	297
Davao City	114	112	112	62	58	54	50	45	30	28
SOCCSKSARGEN	924	926	927	929	995	997	1,000	1,004	962	963
North Cotabato	615	615	615	615	618	618	618	618	580	580
Sarangani	44	44	45	47	47	44	40	41	40	41
South Cotabato	166	168	168	168	170	175	182	182	184	184
Sultan Kudarat	99	99	99	99	160	160	160	162	158	158
Caraga	1,072	1,073	1,066	1,037	997	1,412	1,408	1,411	1,412	1,413
Agusan del Norte	129	129	130	120	90	41	41	42	42	40
Agusan del Sur	777	778	780	782	782	1,274	1,275	1,277	1,275	1,275
Dinagat Islands	..	..	..	..	..	9	9	9	9	9
Surigao del Norte	66	66	66	45	45	36	31	31	31	31
Surigao del Sur	100	100	90	90	80	52	52	52	55	58
ARMM	149	149	149	149	151	149	148	148	148	148
Basilan	16	16	16	16	15	15	15	15	15	15
Lanao del Sur	17	17	17	17	17	15	16	15	15	15
Maguindanao	65	65	65	65	66	66	66	66	66	66
Sulu	41	41	40	40	42	42	40	41	41	41
Tawi-tawi	10	10	11	11	11	11	11	11	11	11

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Durian										
Philippines	18,371	18,669	18,838	19,001	19,392	16,366	16,542	16,623	16,619	16,672
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	1	1	1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	1	1	1
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	3	3	3	3	3	3	3	4	4	4
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	3	3	3	3	3	3	3	4	4	4
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	2	4	4	4	4	5	5
Aurora	..	..	..	2	4	4	4	4	5	5
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	34	34	34	34	37	37	37	37	38	38
Batangas	2	2	2	2	2	2	2	2	2	2
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	32	32	32	32	35	35	35	35	36	36
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	24	25	30	33	33	35	36	45	43	43
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	16	17	19	21	21	23	23	32	30	30
Palawan	8	8	11	12	12	12	13	13	13	13
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	181	181	181	181	181	181	181	171	171	172
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	1
Iloilo	93	93	93	93	93	93	93	83	83	83
Negros Occidental	88	88	88	88	88	88	88	88	88	88
Central Visayas	8	17	18	19	19	20	22	24	25	25
Bohol	..	..	..	..	..	..	2	2	3	3
Cebu	3	3	3	3	4	4	4	4	4	4
Negros Oriental	5	13	14	15	15	16	16	18	18	18
Siquijor	..	1	1	1	1	1	1	1	1	1
Eastern Visayas	32	34	34	38	43	43	32	32	32	24
Biliran	10	10	10	10	10	10	8	8	8	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	22	24	24	24	29	29	20	20	20	20
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	4	4	4	4	4	4	4
Zamboanga Peninsula	908	1,006	1,037	1,061	1,066	1,080	1,088	1,091	1,102	1,108
Zamboanga del Norte	782	856	874	879	882	889	895	900	900	910
Zamboanga del Sur	49	50	53	57	58	65	67	65	76	70
Zamboanga Sibugay	35	55	65	80	80	80	80	80	80	82
Zamboanga City	42	45	45	45	46	46	46	46	46	46
Northern Mindanao	1,359	1,414	1,419	1,419	1,425	1,426	1,432	1,432	1,432	1,432
Bukidnon	700	750	750	750	750	750	750	750	750	750
Camiguin	5	5	5	5	6	6	6	6	6	6
Lanao del Norte	525	525	528	528	528	528	528	528	528	528
Misamis Occidental	46	46	46	46	46	46	52	52	52	52
Misamis Oriental	83	88	90	90	95	96	96	96	96	96
Davao Region	11,194	11,299	11,409	11,510	11,540	8,083	8,238	8,330	8,344	8,395
Davao del Norte	2,278	2,285	2,342	2,346	2,375	2,327	2,469	2,514	2,520	2,514
Davao del Sur	1,065	1,155	1,205	1,300	1,300	1,300	1,300	1,300	1,305	1,305
Davao Oriental	151	155	157	157	157	160	160	162	165	169
Compostela Valley	4,875	4,875	4,875	4,875	4,875	1,462	1,475	1,520	1,520	1,547
Davao City	2,825	2,829	2,830	2,832	2,833	2,834	2,834	2,834	2,834	2,860
SOCCSKSARGEN	1,812	1,815	1,828	1,847	1,930	2,192	2,204	2,202	2,159	2,163
North Cotabato	910	910	910	925	925	960	963	960	920	920
Sarangani	112	113	118	120	125	130	131	132	131	131
South Cotabato	430	432	440	442	520	702	710	710	708	712
Sultan Kudarat	360	360	360	360	360	400	400	400	400	400
Caraga	1,685	1,685	1,689	1,689	1,796	1,947	1,950	1,935	1,949	1,949
Agusan del Norte	40	40	45	45	65	160	160	150	150	150
Agusan del Sur	1,250	1,250	1,249	1,249	1,276	1,300	1,303	1,309	1,323	1,323
Dinagat Islands	..	..	..	..	..	2	2	2	2	2
Surigao del Norte	5	5	5	5	5	19	19	19	19	19
Surigao del Sur	390	390	390	390	450	466	466	455	455	455
ARMM	1,131	1,156	1,156	1,165	1,315	1,315	1,315	1,315	1,314	1,314
Basilan	30	30	30	30	31	31	31	31	31	31
Lanao del Sur	112	112	112	112	112	112	112	112	112	112
Maguindanao	175	200	200	200	350	350	350	350	350	350
Sulu	760	760	760	770	770	770	770	770	770	770
Tawi-tawi	54	54	54	53	52	52	52	52	51	51

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Lanzones										
Philippines	20,331	20,430	20,505	20,586	20,663	19,940	19,936	20,158	20,144	20,842
CAR	25	25	26	26	28	31	38	45	41	42
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	20	20	20	20	22	25	30	30	26	27
Benguet	..	..	..	..	..	..	..	5	5	5
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	5	5	6	6	6	6	8	10	10	10
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	8	8	8	10	10	13	14	14	14	14
Ilocos Norte	3	3	3	3	3	3	4	4	4	4
Ilocos Sur	..	..	..	..	..	2	3	3	3	3
La Union	5	5	5	7	7	8	8	8	8	8
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	27	27	27	26	28	28	28	30	30	31
Batanes	..	..	..	..	0	0	0	0	0	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	5	5	5	5	7	5	5	5	6	6
Nueva Vizcaya	22	22	22	21	21	21	21	23	23	23
Quirino	..	..	..	..	..	2	2	2	2	2
Central Luzon	7	6	6	8	9	11	13	14	29	24
Aurora	1	1	1	3	5	7	9	10	25	20
Bataan	3	3	3	3	2	2	2	2	2	2
Bulacan	2	1	1	1	1	1	1	1	1	1
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	1	1	1	1	1	1	1	1	1	1
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	4,319	4,321	4,321	4,321	4,423	4,326	4,326	4,331	4,363	4,367
Batangas	518	520	520	520	520	520	520	520	550	550
Cavite	75	75	75	75	75	75	75	75	75	75
Laguna	3,605	3,605	3,605	3,605	3,610	3,610	3,610	3,615	3,617	3,617
Quezon	121	121	121	121	218	121	121	121	121	125
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	323	323	325	329	329	346	348	546	545	543
Marinduque	6	6	6	6	6	6	6	6	5	5
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	312	312	312	315	315	332	332	530	530	528
Palawan	5	5	7	8	8	8	10	10	10	10
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	34	34	34	35	35	35	35	33	36	36
Albay	2	2	2	2	2	2	2	..	3	3
Camarines Norte	7	7	7	8	8	8	8	8	8	8
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	511	484	486	486	487	487	463	454	456	456
Aklan	57	30	30	30	30	30	10	10	10	10
Antique	1	1	2	2	3	3	3	4	4	4
Capiz	12	12	13	13	13	13	9	9	10	10
Guimaras	1	1	1	1	1	1	1	1	2	2
Iloilo	150	150	150	150	150	150	150	140	140	140
Negros Occidental	290	290	290	290	290	290	290	290	290	290
Central Visayas	90	97	98	103	106	109	110	112	112	114
Bohol	3	3	3	3	3	5	5	5	5	5
Cebu	41	41	41	46	50	50	50	50	50	52
Negros Oriental	38	43	44	44	43	43	43	45	45	45
Siquijor	8	10	10	10	10	11	12	12	12	12
Eastern Visayas	186	188	187	187	192	193	157	161	161	162
Biliran	38	38	38	38	39	38	23	23	23	25
Eastern Samar	2	2	2	2	2	2	2	2	2	2
Leyte	75	75	75	75	80	80	60	60	60	60
Northern Samar	7	7	7	7	7	8	8	8	8	8
Southern Leyte	11	11	12	12	12	12	11	12	12	7
Samar (Western Sama	53	55	53	53	53	53	53	56	56	60
Zamboanga Peninsula	1,804	1,884	1,936	1,960	1,965	1,971	1,977	1,977	1,988	1,990
Zamboanga del Norte	1,669	1,735	1,750	1,752	1,755	1,762	1,768	1,768	1,768	1,778
Zamboanga del Sur	59	59	76	78	78	78	78	78	89	81
Zamboanga Sibugay	40	50	70	90	90	90	90	90	90	90
Zamboanga City	36	40	40	40	42	41	41	41	41	41
Northern Mindanao	3,319	3,344	3,345	3,335	3,341	3,343	3,350	3,350	3,336	3,343
Bukidnon	70	80	80	80	80	80	80	80	80	80
Camiguin	1,293	1,294	1,295	1,295	1,296	1,296	1,296	1,296	1,279	1,281
Lanao del Norte	275	275	275	275	280	280	280	280	280	280
Misamis Occidental	280	290	290	280	280	280	287	287	287	287
Misamis Oriental	1,401	1,405	1,405	1,405	1,405	1,407	1,407	1,407	1,410	1,415
Davao Region	2,112	2,118	2,123	2,143	2,144	1,178	1,176	1,186	1,188	1,875
Davao del Norte	358	358	363	363	363	359	361	365	366	365
Davao del Sur	148	155	155	155	155	155	157	157	157	157
Davao Oriental	38	37	37	57	57	50	44	44	45	47
Compostela Valley	1,365	1,365	1,365	1,365	1,365	409	409	415	415	956
Davao City	203	203	203	203	204	205	205	205	205	350
SOCCSKSARGEN	1,310	1,312	1,318	1,347	1,298	1,302	1,307	1,305	1,251	1,251
North Cotabato	772	772	772	800	750	750	752	750	700	700
Sarangani	72	72	73	73	74	78	79	79	78	78
South Cotabato	378	380	385	386	386	386	388	388	385	385
Sultan Kudarat	88	88	88	88	88	88	88	88	88	88
Caraga	829	832	832	828	823	1,123	1,150	1,150	1,143	1,143
Agusan del Norte	15	15	15	15	15	145	145	145	140	140
Agusan del Sur	772	775	775	775	770	770	797	797	803	803
Dinagat Islands	..	..	..	..	..	4	3	3	3	3
Surigao del Norte	12	12	12	8	8	44	45	45	37	37
Surigao del Sur	30	30	30	30	30	160	160	160	160	160
ARMM	5,427	5,427	5,433	5,443	5,446	5,446	5,446	5,452	5,452	5,452
Basilan	35	35	35	35	33	33	33	33	33	33
Lanao del Sur	220	220	220	220	220	220	220	220	220	220
Maguindanao	24	24	30	30	30	30	30	36	36	36
Sulu	5,100	5,100	5,100	5,110	5,115	5,115	5,115	5,115	5,115	5,115
Tawi-tawi	48	48	48	48	48	48	48	48	48	48

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mandarin										
Philippines	9,583	9,444	9,289	9,107	9,113	9,009	8,982	8,779	8,747	8,597
CAR	178	178	177	177	185	197	204	213	206	196
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	62	62	62	62	65	68	75	75	68	61
Benguet	44	44	44	44	44	44	44	44	44	42
Ifugao	17	17	17	17	17	17	17	17	17	17
Kalinga	35	35	35	35	35	35	35	38	38	38
Mountain Province	20	20	19	19	24	33	33	39	39	38
Ilocos Region	21	20	20	20	21	21	23	23	23	23
Ilocos Norte	15	14	14	14	15	15	17	17	17	17
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	6	6	6	6	6	6	6	6	6	6
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	1,479	1,486	1,483	1,473	1,475	1,482	1,469	1,480	1,480	1,352
Batanes	..	..	..	..	4	4	3	3	3	2
Cagayan	348	348	348	348	348	355	342	342	342	210
Isabela	150	150	150	140	138	138	138	140	140	140
Nueva Vizcaya	900	903	900	900	900	900	900	910	910	910
Quirino	81	85	85	85	85	85	86	85	85	90
Central Luzon	408	403	401	396	392	382	373	373	361	361
Aurora	400	395	393	388	384	374	365	365	354	354
Bataan	1	1	1	1	1	1	1	1	0	..
Bulacan	7	7	7	7	7	7	7	7	7	7
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	2,150	2,150	2,150	2,148	2,168	2,153	2,200	2,090	2,095	2,075
Batangas	160	160	160	160	180	165	212	170	170	150
Cavite	20	20	20	20	20	20	20	20	20	20
Laguna	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,700	1,705	1,705
Quezon	170	170	170	168	168	168	168	150	150	150
Rizal	50	50	50	50	50	50	50	50	50	50
MIMAROPA	699	695	692	693	693	673	653	581	570	566
Marinduque	6	5	5	5	5	5	5	5	5	5
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	673	670	670	671	671	651	631	559	549	544
Palawan	18	17	17	17	17	17	17	17	17	17
Romblon	3	3	..	..	..	..	..	..	..	..
Bicol Region	1,753	1,751	1,741	1,720	1,720	1,720	1,720	1,713	1,713	1,723
Albay	65	65	55	55	55	55	55	50	50	50
Camarines Norte	923	921	921	900	900	900	900	900	900	910
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	20	20	20	20	20	20	20	18	18	18
Western Visayas	50	47	47	47	46	54	38	37	38	38
Aklan	26	24	24	24	24	24	8	8	8	8
Antique	4	3	3	3	3	4	4	4	4	4
Capiz	..	..	..	..	..	7	6	6	6	6
Guimaras	6	6	6	6	6	7	7	7	8	8
Iloilo	14	14	14	14	13	13	13	12	12	12
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	46	49	43	43	33	32	26	24	19	19
Bohol	..	..	..	..	..	1	1	1	1	1
Cebu	36	36	30	30	20	18	12	10	7	7
Negros Oriental	10	13	13	13	13	13	13	13	11	11
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	39	40	39	40	40	38	31	17	17	18
Biliran	1	1	1	1	1	1	1	1	0	1
Eastern Samar	2	2	2	2	2	2	2	2	2	2
Leyte	30	31	31	32	32	30	24	10	10	10
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	4	4	3	3	3	3	3	3	3	3
Samar (Western Sama	2	2	2	2	2	2	2	2	2	2
Zamboanga Peninsula	15	15	15	10	10	10	10	8	8	8
Zamboanga del Norte	15	15	15	10	10	10	10	8	8	8
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	35	35	35	28	28	26	25	24	23	22
Bukidnon	22	22	22	15	15	15	15	15	15	15
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	8	8	8	8	8	7	6	5	4	3
Misamis Occidental	2	2	2	2	2	2	2	2	2	2
Misamis Oriental	3	3	3	3	3	2	2	2	2	2
Davao Region	719	685	656	627	623	559	549	536	536	539
Davao del Norte	56	55	54	53	52	50	48	47	47	46
Davao del Sur	55	50	45	37	37	35	34	34	34	34
Davao Oriental	400	373	350	340	340	331	328	328	328	312
Compostela Valley	78	77	77	77	75	25	25	22	22	57
Davao City	130	130	130	120	119	118	114	105	105	90
SOCCSKSARGEN	20	20	19	19	18	17	16	16	15	15
North Cotabato	10	10	9	9	9	7	7	7	6	6
Sarangani	3	3	3	4	4	4	4	4	4	4
South Cotabato	4	4	4	5	5	5	5	5	5	5
Sultan Kudarat	3	3	3	2	1	1	1	1	0	0
Caraga	30	29	50	46	44	29	29	28	27	27
Agusan del Norte	2	1	8	8	5	2	2	2	1	1
Agusan del Sur	4	4	4	4	4	4	4	4	4	4
Dinagat Islands	..	..	..	..	..	2	2	2	2	2
Surigao del Norte	12	12	12	8	9	8	8	8	8	8
Surigao del Sur	12	12	26	26	26	13	13	13	12	12
ARMM	1,941	1,841	1,721	1,620	1,618	1,617	1,617	1,617	1,617	1,617
Basilan	5	5	5	5	3	3	3	3	3	3
Lanao del Sur	2	2	2	2	2	2	2	2	2	2
Maguindanao	20	20	..	..	..	..	..	..	..	..
Sulu	1,900	1,800	1,700	1,600	1,600	1,600	1,600	1,600	1,600	1,600
Tawi-tawi	14	14	14	13	13	12	12	12	12	12

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mango										
Philippines	186,770	188,139	189,437	187,073	188,719	187,939	188,092	188,422	187,834	186,038
CAR	790	792	792	794	766	779	782	794	791	789
Abra	110	110	110	110	110	110	110	110	110	125
Apayao	88	88	88	90	88	88	88	88	87	79
Benguet	264	264	264	264	238	238	238	238	238	236
Ifugao	114	116	116	116	116	116	115	119	119	119
Kalinga	80	80	80	80	84	96	101	107	107	103
Mountain Province	134	134	134	134	130	131	130	132	130	127
Ilocos Region	22,099	20,824	21,204	21,341	21,585	22,118	22,269	22,264	21,855	21,487
Ilocos Norte	3,473	3,650	4,050	4,226	4,462	4,754	4,866	4,866	4,876	4,861
Ilocos Sur	1,231	1,231	1,231	1,276	1,276	1,312	1,312	1,312	1,312	1,312
La Union	2,132	2,124	2,100	2,100	2,110	2,316	2,357	2,355	2,476	2,476
Pangasinan	15,263	13,819	13,823	13,739	13,737	13,737	13,735	13,731	13,192	12,839
Cagayan Valley	10,100	10,087	10,496	10,002	10,046	10,410	10,417	10,416	10,419	10,250
Batanes	..	..	..	..	102	102	86	80	76	30
Cagayan	1,973	1,975	2,383	2,404	2,404	2,460	2,499	2,509	2,509	2,396
Isabela	3,467	3,445	3,445	2,930	2,872	3,153	3,144	3,144	3,154	3,141
Nueva Vizcaya	3,765	3,772	3,772	3,772	3,772	3,772	3,765	3,760	3,760	3,760
Quirino	895	895	896	896	896	923	923	923	920	923
Central Luzon	33,320	33,563	33,714	33,678	34,297	34,360	34,108	33,543	33,576	33,571
Aurora	..	25	25	25	27	28	34	34	42	42
Bataan	1,131	1,131	1,131	1,085	1,055	1,050	1,040	1,040	1,040	1,092
Bulacan	8,835	8,832	8,840	8,840	8,840	8,835	8,762	8,764	8,775	8,773
Nueva Ecija	11,103	11,040	11,040	11,040	11,404	10,800	10,800	10,178	10,178	10,178
Pampanga	913	915	915	925	1,141	1,410	1,360	1,360	1,360	1,305
Tarlac	3,455	3,455	3,455	3,455	3,455	3,455	3,330	3,330	3,330	3,330
Zambales	7,883	8,165	8,308	8,308	8,375	8,782	8,782	8,837	8,851	8,851
CALABARZON	14,832	14,742	14,773	14,777	14,557	14,185	14,185	13,972	13,950	13,783
Batangas	11,970	11,880	11,880	11,880	11,680	11,313	11,313	11,220	11,198	11,020
Cavite	1,130	1,130	1,158	1,158	1,138	1,133	1,133	1,133	1,133	1,133
Laguna	187	187	187	187	187	187	187	135	135	135
Quezon	735	735	735	739	739	739	739	674	674	685
Rizal	810	810	813	813	813	813	813	810	810	810
MIMAROPA	3,895	3,854	3,871	3,852	3,834	3,829	3,817	3,786	3,573	3,556
Marinduque	304	305	305	306	306	304	304	304	305	305
Occidental Mindoro	285	288	299	305	311	327	354	365	385	392
Oriental Mindoro	87	86	86	86	86	86	85	114	102	102
Palawan	1,868	1,878	1,884	1,872	1,867	1,865	1,865	1,865	1,865	1,865
Romblon	1,352	1,297	1,297	1,283	1,264	1,247	1,209	1,138	916	892
Bicol Region	2,056	2,787	2,872	2,870	2,870	2,851	2,859	2,840	2,836	2,837
Albay	56	56	57	57	57	59	67	59	59	59
Camarines Norte	853	853	853	851	851	830	830	830	830	831
Camarines Sur	318	318	318	318	318	318	318	318	318	318
Catanduanes	18	18	18	18	18	18	18	18	18	18
Masbate	515	1,246	1,328	1,328	1,328	1,328	1,328	1,317	1,317	1,317
Sorsogon	296	296	298	298	298	298	298	298	294	294
Western Visayas	11,324	11,355	11,392	10,327	10,343	9,869	10,016	9,957	7,296	10,273
Aklan	405	300	300	302	300	300	280	280	280	281
Antique	292	297	297	297	297	370	370	360	360	360
Capiz	120	120	120	120	120	122	71	71	71	71
Guimaras	2,380	2,380	2,380	2,430	2,430	2,433	2,733	2,682	2,833	2,983
Iloilo	3,658	3,720	3,757	3,787	3,805	3,825	3,750	3,752	3,752	3,769
Negros Occidental	4,469	4,538	4,538	3,391	3,391	2,819	2,812	2,812	..	2,809
Central Visayas	12,489	12,561	12,562	12,568	12,582	12,586	11,969	11,976	8,015	11,977
Bohol	2,735	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791	2,791
Cebu	5,618	5,623	5,623	5,629	5,636	5,636	5,017	5,018	5,024	5,024
Negros Oriental	3,947	3,953	3,956	3,956	3,961	3,963	3,963	3,967	..	3,963
Siquijor	189	194	192	192	194	196	198	200	200	199
Eastern Visayas	848	875	883	884	910	910	736	715	717	715
Biliran	191	217	219	219	220	220	156	136	137	138
Eastern Samar	86	86	86	86	86	86	86	86	86	86
Leyte	225	225	231	231	251	251	164	164	164	164
Northern Samar	83	82	82	85	85	85	85	85	85	85
Southern Leyte	32	32	32	32	34	34	31	31	31	31
Samar (Western Sama	231	233	233	231	234	234	214	214	214	211
Zamboanga Peninsula	16,521	16,648	16,679	16,800	16,914	16,862	16,981	16,927	16,905	15,343
Zamboanga del Norte	11,640	11,715	11,720	11,727	11,740	11,741	11,840	11,845	11,845	10,335
Zamboanga del Sur	1,330	1,347	1,374	1,397	1,396	1,402	1,415	1,415	1,390	1,340
Zamboanga Sibugay	460	505	505	601	590	580	580	575	578	576
Zamboanga City	3,091	3,081	3,080	3,075	3,188	3,139	3,146	3,092	3,092	3,092
Northern Mindanao	8,657	9,598	9,597	8,751	8,742	8,722	8,721	8,720	8,720	8,719
Bukidnon	2,356	2,346	2,345	2,345	2,345	2,345	2,345	2,344	2,344	2,344
Camiguin	124	123	123	123	122	122	121	121	121	120
Lanao del Norte	2,063	2,063	2,063	2,063	2,055	2,035	2,020	2,020	2,020	2,020
Misamis Occidental	2,111	3,061	3,061	2,215	2,215	2,215	2,230	2,230	2,230	2,230
Misamis Oriental	2,003	2,005	2,005	2,005	2,005	2,005	2,005	2,005	2,005	2,005
Davao Region	18,137	17,973	17,982	17,761	18,043	17,439	18,296	18,299	18,315	18,639
Davao del Norte	1,528	1,538	1,543	1,545	1,545	1,542	1,553	1,576	1,582	1,589
Davao del Sur	13,292	12,992	12,998	12,998	12,998	12,998	13,813	13,813	13,823	13,823
Davao Oriental	598	728	726	740	1,080	1,151	1,190	1,220	1,230	1,237
Compostela Valley	1,273	1,269	1,269	1,254	1,203	533	533	533	523	413
Davao City	1,446	1,446	1,446	1,224	1,217	1,215	1,207	1,157	1,157	1,577
SOCCSKSARGEN	16,747	16,736	16,727	16,898	16,815	17,423	17,351	17,261	17,143	17,146
North Cotabato	7,480	7,480	7,480	7,515	7,450	7,300	7,180	7,180	7,075	7,075
Sarangani	3,175	3,165	3,162	3,367	3,369	4,160	4,264	4,263	4,252	4,263
South Cotabato	4,294	4,294	4,288	4,274	4,255	4,221	4,165	4,118	4,118	4,116
Sultan Kudarat	1,798	1,797	1,797	1,742	1,742	1,742	1,742	1,700	1,698	1,692
Caraga	3,382	3,382	3,383	3,257	3,454	2,633	2,623	2,628	2,625	2,625
Agusan del Norte	2,930	2,930	2,931	2,850	2,849	1,697	1,697	1,697	1,699	1,699
Agusan del Sur	125	125	125	124	147	300	299	299	299	299
Dinagat Islands	..	..	..	..	..	40	40	40	40	40
Surigao del Norte	142	142	142	98	118	256	247	252	247	247
Surigao del Sur	185	185	185	185	340	340	340	340	340	340
ARMM	11,573	12,362	12,510	12,513	12,962	12,965	12,964	14,327	14,328	14,330
Basilan	93	93	93	93	100	100	100	100	100	100
Lanao del Sur	42	42	42	42	43	42	43	43	43	43
Maguindanao	9,718	10,501	10,671	10,671	11,104	11,106	11,106	12,465	12,465	12,465
Sulu	1,350	1,355	1,330	1,330	1,337	1,337	1,334	1,334	1,334	1,334
Tawi-tawi	370	371	374	377	378	380	381	385	386	388

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mango Carabao										
Philippines	144,293	145,926	147,026	145,518	146,873	146,457	146,915	147,467	147,166	145,302
CAR	697	699	699	699	669	677	680	690	686	690
Abra	110	110	110	110	110	110	110	110	110	125
Apayao	78	78	78	78	78	78	78	78	76	69
Benguet	264	264	264	264	238	238	238	238	238	236
Ifugao	106	108	108	108	108	108	107	110	110	110
Kalinga	60	60	60	60	60	68	73	80	80	80
Mountain Province	79	79	79	79	75	75	74	74	72	70
Ilocos Region	17,087	16,114	16,500	16,758	17,008	17,550	17,704	17,702	17,305	16,955
Ilocos Norte	2,000	2,200	2,600	2,820	3,060	3,360	3,472	3,472	3,484	3,484
Ilocos Sur	850	850	850	895	895	931	931	931	931	931
La Union	1,855	1,855	1,838	1,838	1,848	2,055	2,096	2,096	2,217	2,217
Pangasinan	12,382	11,209	11,212	11,205	11,205	11,205	11,205	11,203	10,674	10,324
Cagayan Valley	6,450	6,463	6,872	6,793	6,795	7,157	7,188	7,199	7,208	7,085
Batanes	..	..	..	..	32	32	27	26	25	8
Cagayan	915	920	1,328	1,349	1,349	1,405	1,441	1,453	1,453	1,352
Isabela	1,942	1,925	1,925	1,825	1,795	2,074	2,074	2,074	2,084	2,079
Nueva Vizcaya	3,387	3,412	3,412	3,412	3,412	3,412	3,412	3,412	3,412	3,412
Quirino	206	206	207	207	207	234	234	234	234	234
Central Luzon	24,446	24,712	24,864	24,863	25,172	25,413	25,217	24,722	24,748	24,794
Aurora	..	15	15	15	17	17	21	21	30	30
Bataan	296	296	296	285	285	280	270	270	270	318
Bulacan	7,020	7,024	7,030	7,030	7,030	7,030	6,996	6,998	7,000	6,998
Nueva Ecija	6,840	6,840	6,840	6,840	6,840	6,316	6,316	5,769	5,769	5,769
Pampanga	420	422	430	440	680	1,050	1,000	1,000	1,000	1,000
Tarlac	3,220	3,220	3,220	3,220	3,220	3,220	3,114	3,114	3,114	3,114
Zambales	6,650	6,895	7,033	7,033	7,100	7,500	7,500	7,550	7,565	7,565
CALABARZON	10,478	10,478	10,506	10,507	10,507	10,299	10,299	10,201	10,186	10,004
Batangas	9,430	9,430	9,430	9,430	9,430	9,241	9,241	9,200	9,185	9,000
Cavite	422	422	450	450	450	431	431	431	431	431
Laguna	68	68	68	68	68	68	68	40	40	40
Quezon	290	290	290	291	291	291	291	262	262	265
Rizal	268	268	268	268	268	268	268	268	268	268
MIMAROPA	2,013	2,019	2,030	2,025	2,024	2,033	2,044	2,050	2,037	2,041
Marinduque	249	249	249	249	249	249	249	249	249	249
Occidental Mindoro	152	153	158	160	161	170	182	185	190	192
Oriental Mindoro	18	18	18	18	18	18	18	22	20	20
Palawan	1,395	1,400	1,406	1,400	1,398	1,398	1,398	1,398	1,398	1,398
Romblon	199	199	199	198	198	198	197	196	180	182
Bicol Region	545	1,075	1,112	1,112	1,112	1,112	1,115	1,112	1,111	1,111
Albay	25	25	25	25	25	25	28	25	25	25
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	202	202	202	202	202	202	202	202	202	202
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	211	741	778	778	778	778	778	778	778	778
Sorsogon	107	107	107	107	107	107	107	107	106	106
Western Visayas	10,195	10,243	10,265	9,180	9,186	8,672	8,856	8,813	8,961	9,112
Aklan	46	41	41	43	41	41	34	34	34	35
Antique	243	245	245	245	245	275	275	270	270	270
Capiz	65	65	65	65	65	65	40	40	40	40
Guimaras	2,200	2,200	2,200	2,250	2,250	2,250	2,550	2,500	2,650	2,800
Iloilo	3,518	3,550	3,572	3,582	3,590	3,600	3,520	3,532	3,532	3,532
Negros Occidental	4,123	4,142	4,142	2,995	2,995	2,441	2,437	2,437	2,435	2,435
Central Visayas	10,391	10,456	10,458	10,463	10,474	10,478	9,870	9,874	9,880	9,880
Bohol	2,260	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310
Cebu	5,110	5,114	5,114	5,119	5,125	5,125	4,514	4,514	4,520	4,520
Negros Oriental	2,926	2,932	2,934	2,934	2,937	2,938	2,938	2,940	2,940	2,940
Siquijor	95	100	100	100	102	105	108	110	110	110
Eastern Visayas	559	585	590	591	613	613	482	462	462	456
Biliran	184	208	210	210	211	211	150	130	130	125
Eastern Samar	3	3	3	3	3	3	3	3	3	3
Leyte	162	162	165	165	181	181	120	120	120	120
Northern Samar	32	32	32	33	33	33	33	33	33	33
Southern Leyte	6	6	6	6	7	7	6	6	6	6
Samar (Western Sama	172	174	174	174	178	178	170	170	170	169
Zamboanga Peninsula	13,006	13,091	13,124	13,303	13,445	13,410	13,539	13,485	13,475	11,960
Zamboanga del Norte	9,130	9,180	9,185	9,189	9,200	9,200	9,295	9,295	9,295	7,795
Zamboanga del Sur	731	731	759	865	896	910	940	940	930	915
Zamboanga Sibugay	340	385	385	450	450	450	450	450	450	450
Zamboanga City	2,805	2,795	2,795	2,799	2,899	2,850	2,854	2,800	2,800	2,800
Northern Mindanao	7,332	8,274	8,274	7,428	7,428	7,428	7,448	7,448	7,448	7,448
Bukidnon	2,220	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210
Camiguin	96	96	96	96	96	96	96	96	96	96
Lanao del Norte	1,055	1,055	1,055	1,055	1,055	1,055	1,060	1,060	1,060	1,060
Misamis Occidental	2,021	2,971	2,971	2,125	2,125	2,125	2,140	2,140	2,140	2,140
Misamis Oriental	1,940	1,942	1,942	1,942	1,942	1,942	1,942	1,942	1,942	1,942
Davao Region	15,795	15,627	15,636	15,546	15,749	15,198	16,060	16,106	16,117	16,216
Davao del Norte	1,008	1,012	1,015	1,017	1,017	1,016	1,022	1,038	1,039	1,041
Davao del Sur	12,599	12,299	12,305	12,305	12,305	12,305	13,134	13,134	13,144	13,144
Davao Oriental	360	490	490	500	730	790	820	850	860	864
Compostela Valley	1,156	1,154	1,154	1,150	1,125	515	515	515	505	398
Davao City	672	672	672	574	572	572	569	569	569	769
SOCCSKSARGEN	15,057	15,059	15,055	15,218	15,161	15,751	15,752	15,672	15,611	15,618
North Cotabato	6,665	6,665	6,665	6,690	6,650	6,500	6,450	6,450	6,400	6,400
Sarangani	2,902	2,902	2,903	3,108	3,111	3,880	3,987	3,989	3,980	3,990
South Cotabato	3,765	3,765	3,760	3,745	3,725	3,696	3,640	3,600	3,600	3,600
Sultan Kudarat	1,725	1,727	1,727	1,675	1,675	1,675	1,675	1,633	1,631	1,628
Caraga	2,352	2,352	2,353	2,341	2,399	1,532	1,525	1,530	1,527	1,527
Agusan del Norte	2,170	2,170	2,171	2,170	2,170	1,150	1,150	1,150	1,152	1,152
Agusan del Sur	75	75	75	75	98	251	250	250	250	250
Dinagat Islands	..	..	..	..	..	7	7	7	7	7
Surigao del Norte	32	32	32	21	41	34	28	33	28	28
Surigao del Sur	75	75	75	75	90	90	90	90	90	90
ARMM	7,890	8,680	8,688	8,691	9,132	9,134	9,137	10,401	10,403	10,405
Basilan	15	15	15	15	20	20	20	20	20	20
Lanao del Sur	20	20	20	20	21	21	22	22	22	22
Maguindanao	7,830	8,613	8,613	8,613	9,044	9,044	9,044	10,305	10,305	10,305
Sulu	..	5	10	10	12	12	12	12	12	12
Tawi-tawi	25	27	30	33	35	37	39	42	44	46

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mangosteen										
Philippines	2,214	2,263	2,287	2,313	2,409	2,464	2,523	2,531	2,548	2,787
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	1	1	1	1	1	1	1	1	1
Ilocos Norte	..	1	1	1	1	1	1	1	1	1
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	5	5	5	5	5	5	5	5	5
Batanes	..	..	..	..	..	..	..	..	0	0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	5	5	5	5	5	5	5	5	5
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	9	10	10	10	10	11	11	10	10	13
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	1	1	1	1	2	2	1	1	1
Quezon	9	9	9	9	9	9	9	9	9	12
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	6	5	5	5	5	5	7	9	9	9
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	5	3	3	3	3	3	4	6	6	6
Palawan	1	2	2	2	2	2	3	3	3	3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	171	171	171	171	171	171	171	170	170	170
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	10	10	10	10	10	10	10	9	9	9
Negros Occidental	161	161	161	161	161	161	161	161	161	161
Central Visayas	20	22	22	25	22	22	22	22	22	22
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	20	22	22	25	22	22	22	22	22	22
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	397	417	443	443	452	460	469	469	479	544
Zamboanga del Norte	381	400	425	425	433	441	450	450	458	523
Zamboanga del Sur	6	6	7	7	7	7	7	7	10	10
Zamboanga Sibugay	6	6	6	6	6	6	6	6	6	6
Zamboanga City	4	5	5	5	6	6	6	6	5	5
Northern Mindanao	52	54	58	58	58	59	64	64	63	63
Bukidnon	3	6	6	6	6	6	6	6	6	6
Camiguin	1	0	0	0	0	0	0	0	0	0
Lanao del Norte	8	8	8	8	8	8	8	8	8	8
Misamis Occidental	35	35	39	39	39	39	44	44	44	44
Misamis Oriental	5	5	5	5	5	6	6	6	5	5
Davao Region	344	356	352	363	367	285	293	304	306	474
Davao del Norte	75	75	81	81	81	79	82	88	89	89
Davao del Sur	55	67	57	65	65	65	67	67	67	67
Davao Oriental	..	..	..	2	2	2	2	2	3	4
Compostela Valley	125	125	125	125	125	37	40	45	45	134
Davao City	89	89	89	90	94	102	102	102	102	180
SOCCSKSARGEN	230	233	261	263	273	284	289	292	284	287
North Cotabato	205	205	205	205	205	205	206	205	200	200
Sarangani	5	7	7	7	12	13	14	14	13	13
South Cotabato	4	5	8	10	15	25	28	32	30	33
Sultan Kudarat	16	16	41	41	41	41	41	41	41	41
Caraga	29	33	33	43	109	225	257	250	264	264
Agusan del Norte	1	1	1	1	1	21	21	20	18	18
Agusan del Sur	26	30	30	40	40	134	166	166	182	182
Dinagat Islands	..	..	..	..	..	1	1	1	1	1
Surigao del Norte	2	2	2	2	2	3	3	3	3	3
Surigao del Sur	..	..	..	..	66	66	66	60	60	60
ARMM	956	956	926	926	936	935	935	935	935	935
Basilan	14	14	14	14	13	13	13	13	13	13
Lanao del Sur	5	5	5	5	6	6	6	6	6	6
Maguindanao	2	2	2	2	2	2	2	2	2	2
Sulu	930	930	900	900	910	910	910	910	910	910
Tawi-tawi	5	5	5	5	5	4	4	4	4	4

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Orange										
Philippines	1,677	1,657	1,630	1,556	1,524	1,465	1,447	1,417	1,386	1,340
CAR	179	179	178	174	170	156	151	145	136	130
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	4	4	4	4	5	5	5	5	4	4
Benguet	79	79	79	79	79	79	79	79	75	75
Ifugao	27	27	27	27	27	27	27	27	27	25
Kalinga	15	15	15	15	15	15	15	15	15	15
Mountain Province	54	54	53	49	44	30	25	19	15	11
Ilocos Region	24	20	17	13	13	11	11	9	8	7
Ilocos Norte	19	15	12	8	8	6	6	4	3	3
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	354	359	351	349	350	349	357	360	351	346
Batanes	..	..	..	..	3	3	2	2	2	1
Cagayan	17	17	17	17	17	16	25	25	20	16
Isabela	47	47	47	45	43	43	43	43	40	40
Nueva Vizcaya	275	280	272	272	272	272	272	275	274	274
Quirino	15	15	15	15	15	15	15	15	15	15
Central Luzon	10	9	6	5	5	4	4	3	2	2
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	5	5	2	1	1	..	..	..	..	..
Zambales	5	4	4	4	4	4	4	3	2	2
CALABARZON	13	12	11	9	3	2	2	2	2	2
Batangas	10	9	8	7	2	1	1	1	1	1
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	3	3	3	2	1	1	1	1	1	1
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	4	3	3	3	3	3	3	3	3	3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	2	3	3	3	3	3	3	3	3	3
Romblon	2	..	..	..	..	..	..	..	..	..
Bicol Region	484	472	484	474	464	464	464	464	464	450
Albay	1	1	1	1	1	1	1	1	1	1
Camarines Norte	320	320	320	310	300	300	300	300	300	300
Camarines Sur	144	144	144	144	144	144	144	144	144	130
Catanduanes	12	..	12	12	12	12	12	12	12	12
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	7	7	7	7	7	7	7	7	7	7
Western Visayas	30	30	30	30	30	29	24	24	24	24
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	7	7	7	7	7	6	..	..	..	..
Guimaras	1	1	1	1	1	1	2	2	2	2
Iloilo	2	2	2	2	2	2	2	2	2	2
Negros Occidental	20	20	20	20	20	20	20	20	20	20
Central Visayas	16	16	16	15	15	15	15	15	10	10
Bohol	16	16	16	15	15	15	15	15	10	10
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	50	51	51	51	56	56	47	45	45	45
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	10	10	10	10	10	10	10	8	8	8
Leyte	33	34	34	34	38	38	31	31	31	31
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	7	7	7	7	8	8	6	6	6	6
Zamboanga Peninsula	39	38	32	21	14	12	12	7	7	6
Zamboanga del Norte	26	26	20	10	3	3	3	..	..	..
Zamboanga del Sur	11	10	11	11	11	9	9	7	7	6
Zamboanga Sibugay	2	2	1	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	60	60	60	49	47	47	46	39	37	37
Bukidnon	26	26	26	15	15	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	16	14	14
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	10	10	10	10	8	8	7	7	7	7
Davao Region	246	240	232	221	213	177	173	164	159	141
Davao del Norte	43	42	41	40	39	38	36	35	34	33
Davao del Sur	5	4	2	2	2	2	2	2	2	2
Davao Oriental	40	37	32	32	31	30	30	29	29	28
Compostela Valley	58	57	57	57	55	22	22	22	18	17
Davao City	100	100	100	90	86	85	83	76	76	61
SOCCSKSARGEN	20	21	21	23	24	24	24	25	25	25
North Cotabato	9	9	9	9	9	9	9	9	9	9
Sarangani	4	4	4	5	5	5	5	5	5	5
South Cotabato	3	4	4	4	4	4	4	5	5	5
Sultan Kudarat	4	4	4	5	6	6	6	6	6	6
Caraga	72	71	68	52	48	46	45	43	43	43
Agusan del Norte	8	7	5	3	..	..	..	..	..	..
Agusan del Sur	50	50	49	49	48	46	45	43	43	43
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	14	14	14	..	..	..	..	..	..	..
ARMM	77	76	70	68	70	70	70	70	70	70
Basilan	16	16	16	16	18	18	18	18	18	18
Lanao del Sur	4	4	4	4	4	4	4	4	4	4
Maguindanao	5	5	..	..	..	..	..	..	..	..
Sulu	52	51	50	48	48	48	48	48	48	48
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Papaya										
Philippines	9,175	8,904	8,751	8,647	8,585	8,399	7,918	7,748	7,835	7,787
CAR	217	217	208	207	209	212	203	202	198	181
Abra	61	61	61	60	60	60	60	60	60	56
Apayao	8	8	7	7	7	9	7	7	8	7
Benguet	46	46	46	45	45	45	45	45	45	44
Ifugao	15	15	15	15	16	16	16	16	16	16
Kalinga	65	65	60	61	62	62	55	53	48	37
Mountain Province	22	22	19	19	19	20	20	21	21	21
Ilocos Region	320	316	298	303	308	312	312	308	313	312
Ilocos Norte	97	96	93	88	88	87	87	83	83	82
Ilocos Sur	60	62	56	60	62	67	67	67	73	73
La Union	33	31	25	24	27	27	27	27	28	28
Pangasinan	130	127	124	130	131	131	131	131	130	130
Cagayan Valley	443	433	423	396	418	443	443	403	394	363
Batanes	..	..	..	..	21	21	17	15	15	3
Cagayan	225	214	208	208	208	218	222	182	188	168
Isabela	106	106	101	75	77	77	85	85	74	70
Nueva Vizcaya	51	52	52	51	50	50	43	43	43	42
Quirino	61	61	62	62	62	77	77	78	74	80
Central Luzon	659	671	692	697	692	694	658	663	740	727
Aurora	74	75	86	88	86	86	67	69	84	92
Bataan	15	15	15	15	15	16	17	17	17	17
Bulacan	194	201	209	213	213	213	195	195	265	243
Nueva Ecija	208	211	211	211	211	211	211	211	206	206
Pampanga	121	120	120	120	120	118	118	118	118	118
Tarlac	23	23	23	23	23	23	23	23	23	23
Zambales	24	26	28	27	24	27	27	30	27	28
CALABARZON	711	691	641	664	662	647	634	615	656	663
Batangas	33	28	38	39	40	22	23	23	45	49
Cavite	290	290	290	307	306	308	301	288	288	289
Laguna	81	80	82	92	92	93	86	80	91	92
Quezon	252	238	179	174	172	172	172	172	172	165
Rizal	55	55	52	52	52	52	52	52	60	68
MIMAROPA	351	354	367	375	384	389	381	382	374	382
Marinduque	7	7	7	7	7	7	7	7	8	8
Occidental Mindoro	107	108	113	116	119	125	129	130	137	137
Oriental Mindoro	61	58	58	58	58	56	56	58	44	46
Palawan	109	115	123	129	134	136	136	138	138	138
Romblon	67	66	66	65	65	64	53	49	48	53
Bicol Region	588	581	587	580	564	543	536	503	504	492
Albay	102	102	98	98	94	81	81	76	75	75
Camarines Norte	149	140	147	140	130	122	115	102	104	105
Camarines Sur	164	166	166	166	166	166	166	163	163	163
Catanduanes	14	14	14	14	14	14	14	14	14	14
Masbate	20	20	21	21	21	21	21	9	9	9
Sorsogon	139	139	141	141	139	139	139	139	139	126
Western Visayas	808	725	752	765	752	767	673	676	684	683
Aklan	200	89	95	90	90	90	32	32	34	32
Antique	90	92	100	90	90	87	85	84	84	82
Capiz	63	61	65	67	65	65	13	17	18	20
Guimaras	29	28	28	28	30	31	30	30	31	31
Iloilo	254	283	292	312	299	322	341	341	345	346
Negros Occidental	172	172	172	178	178	172	172	172	172	172
Central Visayas	390	382	364	348	339	331	284	275	266	266
Bohol	44	48	46	46	43	45	45	44	42	42
Cebu	173	171	168	173	175	169	140	133	131	131
Negros Oriental	128	124	112	92	84	81	66	65	64	64
Siquijor	45	39	38	37	37	37	33	32	29	29
Eastern Visayas	470	477	478	479	474	471	416	416	418	419
Biliran	78	79	79	79	79	79	62	62	63	63
Eastern Samar	107	107	107	105	98	98	98	98	98	98
Leyte	82	86	86	86	93	93	60	60	60	60
Northern Samar	155	156	156	160	155	155	157	157	157	157
Southern Leyte	34	34	34	34	32	32	28	28	28	28
Samar (Western Sama	14	15	16	15	17	15	12	12	12	13
Zamboanga Peninsula	619	607	614	621	619	614	457	455	459	464
Zamboanga del Norte	445	440	440	440	440	438	280	280	280	285
Zamboanga del Sur	52	50	52	52	50	49	50	51	56	56
Zamboanga Sibugay	22	22	27	35	34	34	34	33	34	34
Zamboanga City	100	95	95	94	95	93	93	91	89	89
Northern Mindanao	1,022	958	899	856	826	807	793	738	752	727
Bukidnon	123	95	164	164	158	157	157	156	161	165
Camiguin	7	6	6	6	6	6	6	6	7	6
Lanao del Norte	260	260	255	253	235	218	208	177	179	177
Misamis Occidental	30	30	29	29	27	29	29	22	23	22
Misamis Oriental	602	567	445	404	400	397	393	377	382	357
Davao Region	759	731	632	580	545	509	504	500	497	503
Davao del Norte	91	91	92	84	80	75	71	68	68	71
Davao del Sur	387	357	265	232	212	197	197	195	194	194
Davao Oriental	128	127	124	124	124	131	135	137	137	138
Compostela Valley	94	92	92	91	79	52	47	46	44	46
Davao City	59	64	59	49	50	54	54	54	54	54
SOCCSKSARGEN	1,365	1,332	1,387	1,379	1,396	1,385	1,352	1,345	1,319	1,341
North Cotabato	470	469	468	468	472	464	464	464	435	435
Sarangani	106	65	49	47	51	50	20	23	22	22
South Cotabato	747	756	828	822	832	830	828	819	822	845
Sultan Kudarat	42	42	42	42	41	41	40	40	40	39
Caraga	296	270	255	244	240	118	116	108	105	105
Agusan del Norte	187	181	176	176	169	36	36	34	31	31
Agusan del Sur	11	11	9	8	10	10	10	9	9	9
Dinagat Islands	..	..	..	..	..	5	4	4	4	4
Surigao del Norte	28	28	24	14	14	21	21	21	21	21
Surigao del Sur	70	50	46	46	47	47	45	40	40	40
ARMM	158	159	154	154	158	157	157	158	159	159
Basilan	25	25	25	25	27	27	27	27	27	27
Lanao del Sur	16	16	16	16	17	16	16	16	16	16
Maguindanao	44	44	40	41	41	42	42	43	43	43
Sulu	46	47	45	45	46	46	47	47	47	47
Tawi-tawi	27	27	28	27	27	26	25	25	26	26

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pineapple										
Philippines	58,251	58,823	58,547	58,457	58,450	60,759	61,643	62,812	65,224	65,998
CAR	115	117	117	114	117	111	109	109	107	92
Abra	3	3	3	3	3	3	3	3	3	3
Apayao	30	32	32	34	38	40	40	41	42	38
Benguet	41	41	41	40	40	40	40	40	38	30
Ifugao	11	11	11	11	11	11	12	12	12	12
Kalinga	21	21	21	18	18	10	8	8	7	4
Mountain Province	9	9	9	8	7	7	6	5	5	5
Ilocos Region	38	31	30	27	27	26	26	26	24	24
Ilocos Norte	22	14	12	10	10	9	8	8	7	7
Ilocos Sur	6	6	6	6	6	6	6	6	6	6
La Union	8	9	9	9	9	9	9	9	9	9
Pangasinan	2	2	2	2	2	2	2	2	2	2
Cagayan Valley	1,394	1,424	1,506	1,528	1,225	1,251	1,295	1,380	1,349	1,376
Batanes	..	..	..	..	8	9	7	4	3	1
Cagayan	658	600	632	652	642	652	697	697	697	715
Isabela	470	548	598	600	300	315	316	307	290	290
Nueva Vizcaya	258	268	268	268	268	268	268	365	352	362
Quirino	8	8	8	8	7	7	7	7	7	8
Central Luzon	136	143	146	151	153	157	163	168	168	170
Aurora	85	90	92	97	98	102	112	115	115	118
Bataan	21	21	21	21	21	21	20	20	20	20
Bulacan	23	25	25	26	27	27	25	27	27	27
Nueva Ecija	3	3	3	2	2	2	1	1	1	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	4	4	5	5	5	5	5	5	5	5
CALABARZON	4,368	4,034	4,023	3,869	3,837	3,840	3,772	3,953	4,076	4,206
Batangas	11	15	20	25	25	19	4	6	8	9
Cavite	2,650	2,650	2,630	2,635	2,600	2,610	2,639	2,639	2,819	2,910
Laguna	1,595	1,262	1,264	1,100	1,101	1,102	1,020	1,025	966	1,010
Quezon	70	65	67	67	69	67	67	240	240	235
Rizal	42	42	42	42	42	42	42	43	43	42
MIMAROPA	52	58	66	70	73	75	77	82	99	105
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	5	4	5	5	4	5	6	8	8	8
Palawan	28	35	42	45	49	49	50	52	70	75
Romblon	19	19	19	20	20	21	21	22	21	22
Bicol Region	3,115	3,109	3,079	3,084	3,093	3,083	3,078	3,079	4,773	4,778
Albay	75	75	75	70	70	60	55	55	45	45
Camarines Norte	2,528	2,520	2,510	2,520	2,525	2,525	2,525	2,528	4,231	4,231
Camarines Sur	335	335	335	335	335	335	335	333	334	339
Catanduanes	4	4	4	4	4	4	4	4	4	4
Masbate	5	5	6	6	6	6	6	6	6	6
Sorsogon	168	170	149	149	153	153	153	153	153	153
Western Visayas	730	733	725	782	839	845	860	850	840	849
Aklan	19	18	18	16	12	12	4	7	5	5
Antique	15	16	16	16	16	17	17	17	17	17
Capiz	16	16	17	20	22	22	19	20	19	23
Guimaras	12	12	9	10	12	12	10	8	7	7
Iloilo	268	271	265	320	377	382	410	412	412	412
Negros Occidental	400	400	400	400	400	400	400	386	380	385
Central Visayas	443	452	451	452	452	474	470	467	467	435
Bohol	44	44	44	44	45	45	42	44	44	47
Cebu	7	7	6	6	6	4	4	3	3	3
Negros Oriental	390	399	399	400	399	424	424	420	420	385
Siquijor	2	2	2	2	2	2	1	0	0	0
Eastern Visayas	551	557	560	566	583	584	552	595	646	659
Biliran	44	46	46	46	46	45	40	35	35	36
Eastern Samar	29	30	30	32	32	32	25	25	25	25
Leyte	160	160	160	162	178	178	160	200	250	260
Northern Samar	5	5	6	6	6	6	6	6	6	6
Southern Leyte	260	261	265	267	275	277	277	285	285	285
Samar (Western Sama	53	55	53	53	46	46	44	44	45	47
Zamboanga Peninsula	422	399	398	356	350	327	305	294	292	295
Zamboanga del Norte	280	280	280	246	245	240	240	240	240	247
Zamboanga del Sur	76	58	58	50	44	41	39	34	32	30
Zamboanga Sibugay	60	56	55	55	55	40	20	14	14	12
Zamboanga City	6	5	5	5	6	6	6	6	6	6
Northern Mindanao	18,994	20,847	21,547	21,979	21,593	23,108	24,100	25,444	26,189	26,497
Bukidnon	18,610	19,300	20,000	20,500	21,000	22,000	23,000	24,000	24,750	24,850
Camiguin	1	1	1	1	1	1	0	0	0	0
Lanao del Norte	128	128	128	120	100	102	95	95	90	88
Misamis Occidental	5	5	5	5	5	5	5	3	3	3
Misamis Oriental	250	1,413	1,413	1,353	487	1,000	1,000	1,346	1,346	1,556
Davao Region	2,064	2,060	2,053	2,052	2,033	1,978	1,978	1,870	1,863	1,808
Davao del Norte	50	50	48	47	46	42	44	45	46	45
Davao del Sur	8	7	6	6	5	5	5	6	5	5
Davao Oriental	55	52	48	47	45	38	40	38	38	39
Compostela Valley	120	120	120	120	105	68	65	57	50	45
Davao City	1,831	1,831	1,831	1,832	1,832	1,825	1,824	1,724	1,724	1,674
SOCCSKSARGEN	25,202	24,218	23,269	22,850	23,485	24,580	24,545	24,182	24,029	24,394
North Cotabato	50	50	48	49	49	115	135	135	330	480
Sarangani	2,800	2,300	1,440	982	942	885	784	635	634	610
South Cotabato	22,344	21,864	21,707	21,710	22,144	23,230	23,346	23,112	22,765	23,044
Sultan Kudarat	8	4	74	109	350	350	280	300	300	260
Caraga	545	527	488	488	499	230	219	225	214	223
Agusan del Norte	258	260	260	265	266	65	65	64	64	64
Agusan del Sur	160	140	143	145	150	85	80	93	82	82
Dinagat Islands	..	..	..	..	..	..	10	10	10	10
Surigao del Norte	41	41	35	28	28	30	19	15	15	15
Surigao del Sur	86	86	50	50	55	50	45	43	43	52
ARMM	81	115	89	90	92	91	93	88	88	87
Basilan	8	8	8	8	8	8	8	8	8	8
Lanao del Sur	45	45	55	55	57	57	60	56	56	56
Maguindanao	3	38	2	2	2	2	2	2	2	2
Sulu	9	9	9	10	11	11	10	10	10	10
Tawi-tawi	16	15	15	15	14	13	13	12	12	11

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Rambutan										
Philippines	5,669	5,672	5,743	5,849	5,889	6,173	6,263	5,494	5,485	5,637
CAR	31	31	32	32	46	51	60	66	59	60
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	30	30	30	30	40	45	50	50	43	44
Benguet	..	..	..	..	..	..	..	5	5	5
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1	1	2	2	6	6	10	11	11	11
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	32	33	35	36	37	42	45	49	50	50
Ilocos Norte	8	8	8	8	8	9	11	13	13	13
Ilocos Sur	19	19	21	22	23	27	28	30	30	30
La Union	5	6	6	6	6	6	7	7	7	8
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	62	65	65	65	77	264	283	295	305	308
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	32	32	32	32	42	75	78	80	85	85
Isabela	3	3	3	3	5	9	25	30	35	35
Nueva Vizcaya	27	30	30	30	30	30	30	35	35	38
Quirino	..	..	..	..	..	150	150	150	150	150
Central Luzon	6	6	8	8	8	68	71	73	74	76
Aurora	6	6	8	8	8	8	10	12	12	14
Bataan	..	..	..	..	..	..	1	1	1	1
Bulacan	..	..	..	..	..	50	50	51	51	51
Nueva Ecija	..	..	..	..	..	10	10	10	10	10
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	0
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1,616	1,617	1,628	1,730	1,778	1,774	1,778	766	796	814
Batangas	40	40	45	45	50	45	50	50	70	70
Cavite	20	20	20	20	20	20	20	20	20	20
Laguna	1,550	1,550	1,550	1,652	1,652	1,653	1,652	640	650	653
Quezon	6	6	12	12	55	55	55	55	55	70
Rizal	..	1	1	1	1	1	1	1	1	1
MIMAROPA	704	673	675	672	665	682	682	878	855	853
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	684	650	648	645	637	654	654	850	827	825
Palawan	20	23	27	27	28	28	28	28	28	28
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	16	17	17	17	17	15	15	14	15	15
Albay	3	3	3	4	4	5	5	4	5	5
Camarines Norte	5	5	5	4	4	..	..	..	..	..
Camarines Sur	..	1	1	1	1	1	1	1	1	1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	8	8	8	8	8	9	9	9	9	9
Western Visayas	97	72	73	73	74	77	73	75	77	79
Aklan	35	10	10	10	10	10	6	6	6	6
Antique	1	1	2	2	3	3	3	4	4	4
Capiz	8	8	8	8	8	8	5	5	6	6
Guimaras	..	..	..	0	0	1	1	2	3	3
Iloilo	25	25	25	25	25	27	32	32	32	34
Negros Occidental	28	28	28	28	28	28	26	26	26	26
Central Visayas	16	33	45	47	49	49	49	51	56	56
Bohol	..	..	10	10	10	10	10	10	15	15
Cebu	..	..	1	1	2	2	2	3	3	3
Negros Oriental	16	32	33	35	36	36	36	37	37	37
Siquijor	..	1	1	1	1	1	1	1	1	1
Eastern Visayas	16	17	17	18	22	23	21	23	28	27
Biliran	..	..	..	..	..	..	..	..	5	5
Eastern Samar	2	2	2	2	2	2	2	2	2	2
Leyte	9	9	9	10	12	12	9	9	9	9
Northern Samar	1	1	1	1	1	2	2	2	2	2
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	4	5	5	5	7	7	8	10	10	9
Zamboanga Peninsula	340	366	385	397	404	411	417	421	426	424
Zamboanga del Norte	260	275	293	295	301	305	311	315	318	323
Zamboanga del Sur	48	48	49	49	49	52	52	52	54	47
Zamboanga Sibugay	24	35	35	45	45	45	45	45	45	45
Zamboanga City	8	8	8	8	9	9	9	9	9	9
Northern Mindanao	185	186	186	186	186	187	189	189	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	6	7	7	7	7	8	10	10	10	10
Davao Region	724	730	739	748	749	492	496	508	510	640
Davao del Norte	167	167	172	174	174	171	175	182	183	183
Davao del Sur	45	50	53	50	50	50	50	50	50	50
Davao Oriental	9	10	11	25	25	25	25	25	26	27
Compostela Valley	365	365	365	365	365	110	110	115	115	244
Davao City	138	138	138	134	135	136	136	136	136	136
SOCCSKSARGEN	1,352	1,352	1,357	1,339	1,296	1,300	1,303	1,305	1,237	1,237
North Cotabato	1,000	1,000	1,000	980	935	935	935	935	870	870
Sarangani	31	31	32	33	33	35	35	35	35	35
South Cotabato	156	156	160	161	163	165	168	170	167	167
Sultan Kudarat	165	165	165	165	165	165	165	165	165	165
Caraga	445	449	455	455	455	712	756	756	782	782
Agusan del Norte	25	25	31	31	31	95	95	95	95	95
Agusan del Sur	406	410	410	410	410	410	453	453	479	479
Dinagat Islands	..	..	..	..	..	6	3	3	3	3
Surigao del Norte	2	2	2	2	2	51	55	55	55	55
Surigao del Sur	12	12	12	12	12	150	150	150	150	150
ARMM	27	27	27	27	27	27	26	26	27	27
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	5	5
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	4	4	4	4	4	4	3	3	3	3

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tamarind Fruit										
Philippines	2,681	2,641	2,598	2,540	2,525	2,455	2,266	2,211	2,172	2,146
CAR	10	10	10	10	10	10	10	10	10	10
Abra	10	10	10	10	10	10	10	10	10	10
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1,167	1,150	1,132	1,126	1,127	1,097	977	932	928	924
Ilocos Norte	956	945	931	931	931	902	793	749	749	745
Ilocos Sur	102	101	101	96	96	95	84	84	84	84
La Union	17	17	14	14	14	14	14	14	14	14
Pangasinan	92	87	87	86	87	86	86	86	82	82
Cagayan Valley	355	355	329	297	298	300	295	295	287	266
Batanes	..	..	..	..	1	1	1	1	1	1
Cagayan	95	95	95	95	95	97	98	98	96	75
Isabela	143	143	122	95	95	95	92	92	92	92
Nueva Vizcaya	85	85	80	75	75	75	72	72	68	68
Quirino	32	32	32	32	32	32	32	32	30	30
Central Luzon	188	183	185	187	187	183	183	187	188	188
Aurora	..	..	..	..	..	..	..	..	..	2
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	63	58	58	58	58	55	55	60	61	61
Nueva Ecija	35	35	35	35	35	34	34	33	33	33
Pampanga	4	4	4	6	6	6	6	6	6	6
Tarlac	22	22	22	22	22	22	22	22	22	22
Zambales	64	64	66	66	66	66	66	66	66	64
CALABARZON	101	100	98	98	98	92	75	75	75	75
Batangas	40	40	39	39	39	33	16	16	16	16
Cavite	26	26	26	26	26	26	26	26	26	26
Laguna	16	15	15	15	15	15	15	15	15	15
Quezon	6	6	6	6	6	6	6	6	6	6
Rizal	13	13	12	12	12	12	12	12	12	12
MIMAROPA	97	93	93	92	91	91	91	91	87	88
Marinduque	15	15	15	15	15	15	15	15	15	15
Occidental Mindoro	11	11	11	11	11	11	12	12	12	12
Oriental Mindoro	2	2	2	2	2	2	2	2	2	2
Palawan	35	32	32	31	30	30	30	30	30	30
Romblon	34	33	33	33	33	33	32	32	29	29
Bicol Region	82	82	82	81	79	76	76	74	74	74
Albay	32	32	32	32	30	28	28	28	28	28
Camarines Norte	20	20	20	19	19	18	18	16	16	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	134	133	131	131	130	130	111	109	109	109
Aklan	2	2	2	2	2	2	1	1	1	1
Antique	4	3	3	3	3	3	3	3	3	3
Capiz	7	8	8	8	8	8	7	7	7	7
Guimaras	63	62	60	60	60	60	50	48	48	48
Iloilo	32	32	32	32	31	31	30	30	30	30
Negros Occidental	26	26	26	26	26	26	20	20	20	20
Central Visayas	224	215	215	197	186	166	144	134	110	110
Bohol	80	80	80	80	80	70	70	60	58	58
Cebu	25	24	24	25	25	25	23	23	21	21
Negros Oriental	118	110	110	91	80	70	50	50	30	30
Siquijor	1	1	1	1	1	1	1	1	1	1
Eastern Visayas	29	30	30	29	28	27	21	21	21	21
Biliran	1	1	1	1	1	1	1	1	1	1
Eastern Samar	2	2	2	2	2	2	2	2	2	2
Leyte	10	11	11	11	11	10	8	8	8	8
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	14	14	14	13	12	12	8	8	8	8
Samar (Western Sama	2	2	2	2	2	2	2	2	2	2
Zamboanga Peninsula	98	98	99	103	103	102	102	102	102	99
Zamboanga del Norte	78	78	79	79	79	79	79	79	79	79
Zamboanga del Sur	11	11	11	11	11	11	11	11	11	8
Zamboanga Sibugay	1	1	1	5	5	5	5	5	5	5
Zamboanga City	8	8	8	8	8	7	7	7	7	7
Northern Mindanao	9	7	7	7	7	7	8	9	9	10
Bukidnon	2	2	2	2	2	2	2	2	2	2
Camiguin	1	0	0	0	0	0	0	0	0	0
Lanao del Norte	2	2	2	2	2	2	3	4	4	4
Misamis Occidental	1	1	1	1	1	1	1	1	1	2
Misamis Oriental	3	2	2	2	2	2	2	2	2	2
Davao Region	133	130	131	128	127	120	118	118	117	117
Davao del Norte	13	13	14	14	14	13	13	13	13	12
Davao del Sur	89	87	87	87	87	87	85	85	85	85
Davao Oriental	5	5	5	6	5	6	6	6	6	7
Compostela Valley	18	17	17	17	17	9	9	9	8	8
Davao City	8	8	8	4	4	5	5	5	5	5
SOCCSKSARGEN	43	43	45	44	44	45	45	46	45	46
North Cotabato	16	16	15	14	13	10	10	10	10	10
Sarangani	15	15	16	16	16	17	17	18	18	18
South Cotabato	8	8	10	10	10	14	14	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	4	4	4	3	3	3	3	3
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	3	3	2	2	2	2	2	2	2	2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	2	2	2	2	2	1	1	1	1	1

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Watermelon										
Philippines	6,246	6,237	6,703	6,102	6,245	6,913	7,020	7,369	7,082	7,309
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	1,033	944	885	884	891	906	910	927	927	929
Ilocos Norte	172	184	190	191	196	204	204	206	199	199
Ilocos Sur	38	35	44	39	42	46	49	49	54	55
La Union	26	17	18	16	21	22	23	38	41	42
Pangasinan	797	708	633	638	632	634	634	634	634	632
Cagayan Valley	701	652	633	568	546	542	320	329	297	312
Batanes	..	..	..	..	5	4	4	2	2	1
Cagayan	557	532	536	459	459	464	243	250	216	225
Isabela	138	117	97	106	81	72	72	74	76	83
Nueva Vizcaya	6	3	..	3	2	2	1	3	3	3
Quirino	..	..	..	..	..	..	..	..	1	1
Central Luzon	1,040	1,014	1,035	998	1,006	1,096	1,035	1,044	1,035	1,169
Aurora	4	5	11	13	14	6	4	5	14	16
Bataan	89	88	90	88	87	85	80	78	58	58
Bulacan	100	100	110	70	68	143	72	100	105	105
Nueva Ecija	657	635	638	636	635	635	632	624	618	739
Pampanga	52	53	53	60	62	67	67	62	64	64
Tarlac	45	55	58	58	50	52	65	60	59	61
Zambales	93	78	75	73	90	108	115	115	117	126
CALABARZON	224	242	291	224	200	200	199	168	168	159
Batangas	..	..	..	..	..	..	..	..	..	2
Cavite	10	20	30	29	29	29	25	11	11	11
Laguna	92	92	126	65	51	46	51	58	58	47
Quezon	105	113	115	110	100	105	103	79	79	79
Rizal	17	17	20	20	20	20	20	20	20	20
MIMAROPA	193	195	206	208	233	248	273	293	329	331
Marinduque	38	38	37	35	35	36	36	37	70	71
Occidental Mindoro	29	28	34	40	46	63	78	87	93	97
Oriental Mindoro	14	15	19	17	35	25	34	43	40	33
Palawan	100	102	103	103	103	110	110	111	111	115
Romblon	12	12	13	13	14	14	15	15	15	16
Bicol Region	158	163	187	176	168	165	159	164	163	177
Albay	25	26	26	26	24	20	10	10	7	10
Camarines Norte	117	120	126	123	125	126	126	131	133	143
Camarines Sur	2	1	20	12	4	4	8	8	8	8
Catanduanes	3	3	3	3	3	3	3	3	3	3
Masbate	2	3	4	4	4	4	4	4	4	4
Sorsogon	10	10	8	8	8	8	8	9	8	9
Western Visayas	1,646	1,741	2,185	1,959	2,068	2,546	2,842	3,099	2,802	2,876
Aklan	15	21	22	20	32	7	12	18	22	52
Antique	44	36	40	35	30	31	32	33	37	44
Capiz	15	16	18	17	16	17	18	20	23	20
Guimaras	3	7	7	5	5	8	7	8	13	25
Iloilo	1,546	1,640	2,073	1,857	1,965	2,463	2,753	3,000	2,690	2,716
Negros Occidental	23	21	25	25	20	20	20	20	17	20
Central Visayas	52	53	50	31	35	42	47	52	58	58
Bohol	37	36	39	24	24	28	33	36	42	45
Cebu	6	9	9	6	10	11	12	13	12	11
Negros Oriental	8	7	2	..	..	2	2	2	2	1
Siquijor	2	1	1	1	1	1	1	1	1	1
Eastern Visayas	104	110	113	110	110	98	107	121	120	112
Biliran	9	8	4	3	3	3	2	2	2	2
Eastern Samar	6	7	7	7	8	8	6	12	13	8
Leyte	46	48	48	48	50	37	48	52	48	46
Northern Samar	6	6	6	6	6	7	7	7	8	8
Southern Leyte	25	27	34	34	34	33	31	32	32	32
Samar (Western Sama	12	14	14	12	10	11	13	16	18	16
Zamboanga Peninsula	143	121	146	78	43	46	41	50	51	43
Zamboanga del Norte	43	31	43	25	2	10	8	13	13	9
Zamboanga del Sur	82	68	61	33	27	29	25	29	32	29
Zamboanga Sibugay	16	20	40	18	12	5	4	3	3	3
Zamboanga City	2	2	2	2	2	2	4	5	3	2
Northern Mindanao	221	224	241	224	236	266	286	302	322	323
Bukidnon	26	23	18	14	13	22	24	20	32	35
Camiguin	5	7	7	5	4	4	5	6	6	4
Lanao del Norte	161	161	175	179	184	191	186	200	201	199
Misamis Occidental	13	16	18	20	20	24	28	32	33	33
Misamis Oriental	16	17	23	6	15	25	43	44	50	53
Davao Region	129	157	160	183	175	185	230	218	241	254
Davao del Norte	22	19	23	26	30	41	49	42	46	45
Davao del Sur	43	70	75	82	84	90	96	90	90	90
Davao Oriental	36	38	32	50	40	32	56	58	70	81
Compostela Valley	10	12	13	17	14	16	23	23	30	31
Davao City	18	18	17	8	7	6	6	5	5	7
SOCCSKSARGEN	163	170	197	162	163	217	227	254	261	264
North Cotabato	31	31	32	29	23	20	22	29	30	60
Sarangani	14	16	18	16	18	20	20	17	20	17
South Cotabato	46	72	84	68	72	77	91	106	105	108
Sultan Kudarat	72	51	63	49	50	100	94	102	106	79
Caraga	352	368	294	262	330	312	294	290	243	237
Agusan del Norte	30	28	28	28	84	68	64	40	36	36
Agusan del Sur	17	17	25	9	10	15	24	30	20	18
Dinagat Islands	..	..	..	..	..	30	60	50	50	50
Surigao del Norte	285	300	212	210	220	178	135	154	120	120
Surigao del Sur	20	23	29	15	16	21	11	16	17	13
ARMM	68	64	61	16	22	26	30	40	46	46
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	6	6	6	6	6	8	8	8	11	11
Maguindanao	58	58	55	10	16	18	22	32	35	35
Sulu	4	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Asparagus										
Philippines	706	536	368	349	368	306	305	305	229	206
CAR	1	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	2	2	2	2	2	2	3	3	5
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	2	2	2	2	2	2	3	3	5
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	5	5	4	5	5	4	3	2	0	1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	5	5	4	5	5	4	3	2	..	1
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	5	5	4	2	1	..	..	..	0	0
Bukidnon	5	5	4	2	1	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	0	0
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	695	525	358	340	360	300	300	300	225	200
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	695	525	358	340	360	300	300	300	225	200
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
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Ampalaya										
Philippines	11,084	11,038	11,129	10,877	10,896	10,834	10,681	10,633	10,526	10,657
CAR	103	104	105	104	107	111	113	112	105	106
Abra	69	69	69	69	69	69	69	69	69	69
Apayao	4	4	4	3	7	11	13	13	10	11
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	13	13	12	12	12	12	12	12	12	12
Kalinga	16	17	19	19	18	18	18	18	14	14
Mountain Province	1	1	1	1	1	1	1	..	..	..
Ilocos Region	1,292	1,252	1,251	1,235	1,234	1,214	1,214	1,215	1,214	1,280
Ilocos Norte	408	402	403	403	405	409	404	398	398	398
Ilocos Sur	147	139	145	145	145	147	150	155	150	158
La Union	316	304	304	306	312	315	316	318	323	324
Pangasinan	421	407	399	381	372	343	344	344	344	400
Cagayan Valley	1,231	1,242	1,147	1,148	1,147	1,164	1,134	1,102	1,047	969
Batanes	..	..	..	..	4	3	3	2	2	2
Cagayan	328	303	233	238	241	250	247	207	186	185
Isabela	429	468	467	465	470	480	452	461	457	462
Nueva Vizcaya	423	418	399	395	392	389	390	391	360	280
Quirino	51	53	48	50	40	42	42	42	42	41
Central Luzon	1,944	1,958	2,002	1,948	1,957	1,931	1,918	1,912	1,893	1,970
Aurora	52	55	59	60	59	58	60	46	47	49
Bataan	28	28	28	28	26	26	26	26	24	24
Bulacan	272	273	278	283	289	279	286	300	295	302
Nueva Ecija	778	783	827	827	827	827	830	830	818	884
Pampanga	630	630	622	560	560	550	525	525	525	525
Tarlac	103	103	103	105	105	100	98	95	94	95
Zambales	81	86	85	85	91	91	93	90	90	91
CALABARZON	2,370	2,359	2,362	2,369	2,350	2,338	2,319	2,319	2,311	2,304
Batangas	306	286	288	330	306	306	302	302	300	306
Cavite	290	290	296	297	297	296	296	295	295	293
Laguna	161	164	165	165	162	157	153	156	147	140
Quezon	1,593	1,599	1,593	1,557	1,565	1,558	1,547	1,545	1,548	1,544
Rizal	20	20	20	20	20	21	21	21	21	21
MIMAROPA	226	232	246	248	254	258	273	283	293	320
Marinduque	14	14	13	14	14	14	15	15	15	17
Occidental Mindoro	95	94	100	96	100	102	105	109	117	106
Oriental Mindoro	29	30	33	34	30	32	38	39	41	70
Palawan	56	61	66	70	75	75	79	82	84	86
Romblon	32	33	33	34	35	36	36	37	36	41
Bicol Region	428	426	427	417	421	423	422	424	422	421
Albay	77	77	77	75	75	78	78	78	78	78
Camarines Norte	47	43	43	41	43	43	43	43	43	40
Camarines Sur	180	181	182	175	176	176	175	177	177	179
Catanduanes	2	2	2	2	2	2	2	2	2	2
Masbate	107	108	111	112	112	112	112	112	110	110
Sorsogon	15	15	12	12	13	12	12	12	12	12
Western Visayas	351	348	368	381	386	357	373	385	398	407
Aklan	35	36	38	38	40	33	32	33	35	32
Antique	35	33	36	36	39	38	40	40	42	45
Capiz	67	60	66	69	74	59	64	68	68	72
Guimaras	19	20	17	17	18	17	17	19	21	24
Iloilo	98	106	114	123	118	115	125	128	135	137
Negros Occidental	97	93	97	97	97	95	95	97	97	97
Central Visayas	808	812	856	701	667	662	609	595	580	593
Bohol	273	282	330	200	193	196	198	196	192	197
Cebu	234	234	230	223	216	215	193	184	175	179
Negros Oriental	293	287	288	269	249	241	210	207	206	210
Siquijor	8	9	8	9	9	11	8	8	7	7
Eastern Visayas	269	277	279	284	297	282	260	266	268	262
Biliran	13	12	13	14	14	14	10	10	10	11
Eastern Samar	12	12	12	12	12	12	12	14	13	10
Leyte	147	153	156	157	170	160	140	145	146	144
Northern Samar	18	18	18	18	18	18	18	23	23	23
Southern Leyte	31	34	35	37	38	38	38	38	38	39
Samar (Western Sama	48	48	46	46	45	41	42	37	38	36
Zamboanga Peninsula	713	662	707	695	700	675	633	621	610	611
Zamboanga del Norte	67	69	71	77	77	60	61	53	49	50
Zamboanga del Sur	106	105	101	96	94	95	96	96	95	96
Zamboanga Sibugay	37	40	40	37	40	28	24	25	26	26
Zamboanga City	503	448	495	485	489	492	452	447	440	439
Northern Mindanao	481	489	487	506	517	526	529	530	524	542
Bukidnon	67	71	68	74	77	78	78	79	81	85
Camiguin	11	11	12	12	11	10	9	10	9	11
Lanao del Norte	107	108	110	112	114	116	116	115	117	112
Misamis Occidental	49	52	53	53	54	56	56	56	54	58
Misamis Oriental	247	247	244	255	261	266	270	270	262	276
Davao Region	408	414	414	391	403	426	429	418	417	424
Davao del Norte	71	69	66	65	67	67	66	54	56	56
Davao del Sur	89	89	91	91	91	93	92	93	92	93
Davao Oriental	54	56	56	56	56	58	61	61	61	61
Compostela Valley	83	89	91	89	84	102	104	104	104	107
Davao City	111	111	110	90	105	106	106	106	104	107
SOCCSKSARGEN	229	237	240	242	243	250	247	243	216	209
North Cotabato	116	119	119	120	123	125	125	121	103	101
Sarangani	26	26	25	26	25	25	25	31	28	28
South Cotabato	39	42	45	47	45	47	46	43	41	40
Sultan Kudarat	48	50	51	50	50	52	51	49	44	40
Caraga	162	158	164	133	139	140	137	147	166	176
Agusan del Norte	25	22	22	13	12	17	17	23	24	24
Agusan del Sur	64	65	66	63	68	75	76	81	98	107
Dinagat Islands	..	..	..	..	..	3	3	3	3	3
Surigao del Norte	17	17	18	16	17	10	8	7	7	7
Surigao del Sur	56	54	58	41	42	35	34	34	35	36
ARMM	70	70	75	76	76	77	70	61	61	63
Basilan	12	11	11	11	11	11	11	11	11	11
Lanao del Sur	12	12	12	12	11	12	12	12	12	12
Maguindanao	15	15	17	17	18	18	19	10	10	11
Sulu	18	20	23	24	24	23	16	16	16	17
Tawi-tawi	13	13	12	13	13	13	12	12	12	12

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brocolli										
Philippines	259	269	267	293	305	303	306	285	282	310
CAR	158	159	158	163	166	166	166	157	150	170
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	157	158	158	159	159	159	159	152	145	164
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	1	1	..	4	7	7	7	5	5	6
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	5	7	7	6	6	6	8
Batanes	..	..	..	..	0	0	0	0	0	0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	5	7	6	6	6	6	8
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	0	0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0	0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1	1	1	0	1	0	2	0	0	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1	1	1	0	1	0	2	0	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	1	1	1	1	2	2	2
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	0	0	0	1	1	1	1	2	2	2
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	9	13	15	16	19	16	15	14	14	12
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	2	3	2	0	..	..	..	..	..	..
Negros Oriental	7	10	13	15	19	16	15	14	14	12
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	86	92	89	105	107	109	113	103	105	111
Bukidnon	82	89	84	97	101	104	106	97	100	106
Camiguin	0	0	0	..	..	0	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	0	..	0
Misamis Oriental	4	3	5	8	6	5	7	6	5	5
Davao Region	2	2	2	2	2	2	2	2	3	4
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	2	2	2	2	2	2	2	2	3	4
SOCCSKSARGEN	3	3	2	2	2	2	2	2	3	4
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	3	3	2	2	2	2	2	2	3	4
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
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cabbage										
Philippines	8,596	8,483	8,561	8,550	8,531	8,414	8,310	8,179	8,018	7,912
CAR	5,536	5,435	5,436	5,444	5,442	5,402	5,316	5,274	5,137	5,117
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	4,366	4,361	4,438	4,440	4,425	4,385	4,291	4,281	4,166	4,106
Ifugao	30	30	29	29	29	29	30	30	28	28
Kalinga	4	4	6	6	7	8	7	8	7	6
Mountain Province	1,136	1,040	964	969	981	980	988	955	936	977
Ilocos Region	367	342	367	369	367	369	372	375	373	367
Ilocos Norte	20	21	21	20	19	19	20	18	19	18
Ilocos Sur	345	320	345	347	347	349	351	355	353	349
La Union	1	2	2	2	1	2	1	1	1	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	175	175	195	193	197	191	193	191	218	223
Batanes	..	..	..	..	4	3	3	3	2	3
Cagayan	43	48	74	73	73	75	72	74	79	78
Isabela	12	9	7	3	2	1	3	3	2	1
Nueva Vizcaya	120	118	115	116	118	112	115	111	131	138
Quirino	..	..	..	..	..	..	..	..	3	3
Central Luzon	..	..	..	..	..	..	..	..	0	0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0	0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	123	127	130	133	132	127	130	125	128	113
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	44	43	44	52	53	50	51	49	53	54
Quezon	79	84	86	81	79	77	79	76	75	59
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	11	12	17	20	22	22	21	23	22	22
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	11	12	17	20	22	22	21	23	22	22
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	43	39	32	27	26	24	21	10	9	9
Albay	20	18	14	10	9	8	5	5	5	5
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	18	16	14	13	13	12	12	1	1	1
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	5	5	4	4	4	4	4	4	3	3
Western Visayas	70	65	67	67	69	65	65	68	67	69
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	9	8	9	10	11	10	10	9	9	9
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	39	35	36	35	37	36	36	40	39	41
Negros Occidental	22	22	22	22	21	19	19	19	19	19
Central Visayas	698	723	749	759	704	709	694	651	644	654
Bohol	0	..	..	..	..	..	..	..	3	6
Cebu	598	606	624	637	577	585	570	524	500	500
Negros Oriental	100	117	125	122	127	124	124	127	141	148
Siquijor	..	..	0	..	..	0	0	0	0	0
Eastern Visayas	33	35	34	33	58	27	24	25	25	22
Biliran	14	14	13	13	13	12	12	12	12	8
Eastern Samar	..	..	..	..	25	..	..	..	..	..
Leyte	12	14	15	16	16	12	11	12	12	13
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	7	7	6	5	4	2	1	1	1	1
Zamboanga Peninsula	100	109	109	113	119	104	90	78	74	69
Zamboanga del Norte	17	20	20	21	22	18	16	12	10	10
Zamboanga del Sur	20	21	21	22	23	24	24	24	23	22
Zamboanga Sibugay	6	10	9	9	8	3	2	2	3	3
Zamboanga City	57	58	59	61	66	59	48	40	38	35
Northern Mindanao	490	511	490	490	494	499	519	510	500	513
Bukidnon	360	384	367	368	371	375	385	386	391	407
Camiguin	2	0	..	..	..	..	0	0	0	0
Lanao del Norte	35	34	33	30	24	20	17	16	14	12
Misamis Occidental	41	41	42	46	48	50	51	49	48	46
Misamis Oriental	52	52	48	46	51	54	66	59	47	48
Davao Region	635	611	616	601	592	581	577	584	573	496
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	355	341	346	346	351	350	354	359	358	360
Davao Oriental	5	3	3	3	1	..	..	..	..	..
Compostela Valley	38	30	29	22	17	12	10	12	11	16
Davao City	237	237	238	230	223	219	213	213	204	120
SOCCSKSARGEN	205	202	223	223	230	221	219	198	176	167
North Cotabato	132	132	152	153	157	146	145	131	113	101
Sarangani	23	17	16	14	13	13	12	4	2	1
South Cotabato	48	51	52	52	54	55	56	57	56	57
Sultan Kudarat	2	2	3	4	6	6	6	6	6	8
Caraga	35	21	18	4	8	5	2	3	4	4
Agusan del Norte	20	13	13	..	1	..	..	..	..	..
Agusan del Sur	7	5	4	4	7	5	2	3	4	4
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	8	3	2	1	1	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	77	77	79	75	71	69	67	67	69	68
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	19	19	19	19	20	18	17	17	17	18
Maguindanao	58	58	60	56	51	51	50	50	52	51
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Sweet Potato/Camote										
Philippines	116,465	114,380	109,438	103,704	101,087	94,844	88,968	85,843	84,752	84,974
CAR	3,165	3,167	3,033	3,018	3,069	3,049	3,021	2,892	2,806	2,600
Abra	63	63	63	63	63	63	63	63	63	63
Apayao	12	15	15	15	18	21	27	29	23	21
Benguet	870	871	792	792	769	759	763	761	748	719
Ifugao	1,721	1,712	1,712	1,712	1,712	1,712	1,698	1,600	1,573	1,443
Kalinga	50	51	53	53	55	55	58	58	57	43
Mountain Province	449	455	399	383	452	439	412	381	342	311
Ilocos Region	2,982	2,996	3,060	3,015	3,017	2,990	2,995	3,003	2,983	2,852
Ilocos Norte	378	376	380	380	380	376	380	380	379	379
Ilocos Sur	279	296	299	307	309	310	310	313	308	311
La Union	490	486	536	560	569	574	577	582	602	601
Pangasinan	1,836	1,838	1,845	1,769	1,760	1,730	1,728	1,728	1,694	1,561
Cagayan Valley	2,305	2,127	1,843	1,751	1,736	1,650	1,483	1,432	1,311	1,177
Batanes	..	..	..	..	54	52	50	48	40	42
Cagayan	590	528	499	513	518	519	526	538	423	437
Isabela	678	625	391	305	231	153	79	67	63	53
Nueva Vizcaya	997	931	911	890	888	881	785	734	740	604
Quirino	40	43	42	43	45	45	43	45	45	41
Central Luzon	7,961	8,003	6,793	6,789	6,942	6,932	6,951	5,879	5,920	5,981
Aurora	384	385	392	394	396	401	409	405	443	443
Bataan	464	464	464	464	465	440	422	371	351	351
Bulacan	56	55	60	60	60	62	63	40	62	64
Nueva Ecija	215	217	217	217	216	216	216	210	209	267
Pampanga	555	555	540	525	533	530	503	503	503	500
Tarlac	6,182	6,180	4,980	4,980	5,100	5,100	5,150	4,150	4,150	4,153
Zambales	105	147	140	149	172	183	188	200	202	203
CALABARZON	4,019	4,000	3,865	3,862	3,851	3,954	3,936	3,942	3,957	3,967
Batangas	16	15	15	17	14	72	51	53	49	49
Cavite	190	190	192	192	194	196	196	194	189	188
Laguna	164	154	156	152	154	158	157	161	162	164
Quezon	3,541	3,533	3,397	3,405	3,393	3,432	3,436	3,438	3,440	3,443
Rizal	108	108	105	96	96	96	96	96	117	124
MIMAROPA	2,491	2,501	2,482	2,527	2,551	2,556	2,545	2,555	2,575	2,587
Marinduque	259	259	257	261	261	261	262	262	288	297
Occidental Mindoro	700	695	700	718	730	732	736	744	753	759
Oriental Mindoro	548	557	569	582	588	597	609	613	614	611
Palawan	738	741	745	753	758	758	762	765	765	765
Romblon	246	249	211	213	214	208	175	170	155	155
Bicol Region	19,908	19,892	19,603	19,422	19,454	18,978	18,039	17,583	17,402	17,405
Albay	5,960	5,944	5,830	5,700	5,700	5,700	5,150	5,150	5,150	5,150
Camarines Norte	218	216	216	215	216	220	220	220	220	220
Camarines Sur	8,782	8,782	8,602	8,598	8,626	8,588	8,555	8,550	8,536	8,536
Catanduanes	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,260	1,255	1,255
Masbate	1,005	1,007	1,012	1,012	1,012	1,012	1,012	1,012	982	982
Sorsogon	2,259	2,259	2,259	2,213	2,216	1,774	1,418	1,391	1,259	1,262
Western Visayas	6,575	6,750	6,648	6,709	6,748	6,639	6,641	6,754	6,450	6,572
Aklan	515	515	518	518	511	493	495	492	485	484
Antique	532	585	567	553	544	514	500	492	500	520
Capiz	660	657	645	635	625	608	596	600	597	598
Guimaras	373	360	325	355	375	395	415	385	305	317
Iloilo	2,052	2,190	2,150	2,205	2,252	2,189	2,192	2,353	2,131	2,221
Negros Occidental	2,443	2,443	2,443	2,443	2,441	2,441	2,443	2,432	2,432	2,432
Central Visayas	13,467	12,501	11,548	10,237	8,432	7,301	5,968	5,638	5,729	5,811
Bohol	9,130	8,135	7,189	6,009	4,151	3,008	1,720	1,500	1,385	1,480
Cebu	2,175	2,180	2,170	2,170	2,205	2,262	2,195	2,189	2,147	2,140
Negros Oriental	2,001	2,030	2,035	1,910	1,929	1,919	1,969	1,870	2,130	2,119
Siquijor	161	156	154	148	147	112	84	79	68	72
Eastern Visayas	26,095	26,126	25,491	24,876	24,655	22,809	20,574	19,293	18,858	18,619
Biliran	456	446	433	421	406	366	301	306	307	265
Eastern Samar	2,264	2,266	2,266	2,272	2,274	2,270	2,213	2,189	1,900	1,700
Leyte	4,570	4,587	4,616	4,615	4,872	4,622	3,663	3,810	3,805	3,800
Northern Samar	7,590	7,590	7,624	7,710	7,310	7,170	6,770	5,716	5,623	5,623
Southern Leyte	4,048	4,070	4,115	3,627	3,647	3,630	3,130	3,135	3,136	3,166
Samar (Western Sama	7,167	7,167	6,437	6,231	6,146	4,751	4,497	4,137	4,087	4,065
Zamboanga Peninsula	3,121	3,106	3,076	3,041	2,956	2,605	2,425	2,378	2,323	2,332
Zamboanga del Norte	374	381	367	367	368	372	372	322	273	271
Zamboanga del Sur	1,400	1,395	1,395	1,405	1,367	1,367	1,368	1,376	1,375	1,385
Zamboanga Sibugay	1,070	1,073	1,061	1,015	960	610	450	453	454	455
Zamboanga City	277	257	253	254	261	256	235	227	221	221
Northern Mindanao	2,599	2,587	2,602	2,644	2,674	2,717	2,731	2,709	2,744	2,814
Bukidnon	577	582	578	605	620	620	627	616	621	672
Camiguin	136	105	95	91	86	89	86	84	110	114
Lanao del Norte	1,256	1,257	1,272	1,279	1,290	1,306	1,312	1,307	1,310	1,316
Misamis Occidental	267	280	289	297	305	323	325	317	316	325
Misamis Oriental	363	363	368	372	373	379	382	385	387	387
Davao Region	4,131	4,174	4,155	3,833	3,742	3,729	3,717	3,738	3,628	3,622
Davao del Norte	757	769	756	757	749	740	722	724	731	716
Davao del Sur	1,116	1,139	1,138	838	838	839	839	844	749	750
Davao Oriental	678	670	665	665	658	658	663	663	652	652
Compostela Valley	1,306	1,320	1,320	1,300	1,224	1,216	1,218	1,224	1,224	1,224
Davao City	274	276	276	273	273	276	275	284	273	280
SOCCSKSARGEN	1,538	1,558	1,574	1,574	1,550	1,549	1,479	1,386	1,293	1,270
North Cotabato	1,226	1,240	1,252	1,256	1,261	1,261	1,190	1,105	1,044	1,014
Sarangani	127	131	127	127	107	106	104	102	83	84
South Cotabato	86	88	92	93	81	82	85	82	69	72
Sultan Kudarat	99	99	103	98	101	100	100	97	97	100
Caraga	13,568	12,323	11,099	7,915	7,229	5,149	4,746	4,762	4,873	5,465
Agusan del Norte	3,335	3,270	3,128	2,615	1,700	788	789	780	800	700
Agusan del Sur	2,994	2,735	2,608	1,910	2,419	2,298	2,320	2,310	2,403	3,060
Dinagat Islands	..	..	..	..	..	158	85	85	80	79
Surigao del Norte	3,113	3,058	2,343	1,480	1,200	542	170	205	175	181
Surigao del Sur	4,126	3,260	3,020	1,910	1,910	1,363	1,382	1,382	1,415	1,445
ARMM	2,540	2,570	2,566	2,491	2,481	2,238	1,718	1,899	1,899	1,899
Basilan	690	688	687	687	687	687	447	687	687	687
Lanao del Sur	1,130	1,170	1,170	1,170	1,165	930	930	930	930	931
Maguindanao	305	305	306	234	232	232	108	50	50	50
Sulu	141	137	136	136	136	130	89	89	89	89
Tawi-tawi	274	270	267	264	261	259	144	143	143	142

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Carrots										
Philippines	5,075	5,080	5,115	4,947	4,923	4,820	4,760	4,673	4,607	4,606
CAR	3,382	3,373	3,453	3,359	3,356	3,328	3,318	3,277	3,244	3,257
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	2,800	2,795	2,926	2,927	2,938	2,913	2,903	2,889	2,876	2,889
Ifugao	49	49	48	48	48	48	48	48	47	47
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	533	529	479	384	370	367	367	340	321	321
Ilocos Region	1	1	1	1	1	1	1	0	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1	1	1	1	1	1	1	0	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	119	116	110	103	96	93	92	90	88	91
Batanes	..	..	..	..	2	1	2	1	1	1
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	119	116	110	103	94	92	90	89	86	87
Quirino	..	..	..	..	..	..	..	..	1	3
Central Luzon	2	2	2	2	1	..	..	..	0	0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0	0
Nueva Ecija	2	2	2	2	1	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	3	4	4	8	8	7	7	6	7	5
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	0	0	1	1	1	1	1	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	3	4	4	8	7	6	6	6	6	5
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	1	1	1	1	1
Marinduque	..	..	..	..	..	1	1	1	1	1
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	4	4	5	5	5	5	5	5	5
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	4	4	5	5	5	5	5	5	5
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	21	21	24	24	23	24	25	25	25	24
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	2	2	4	4	3	4	4	4	5	5
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	9	9	10	11	10	11	12	11	10	9
Negros Occidental	10	10	10	10	10	10	10	10	10	10
Central Visayas	815	832	788	699	690	621	584	570	569	574
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	458	466	419	357	345	344	312	308	301	300
Negros Oriental	357	366	369	342	345	277	272	262	268	274
Siquijor	..	..	..	..	..	0	..	..	..	..
Eastern Visayas	4	4	4	4	4	4	4	4	4	2
Biliran	4	4	4	4	4	4	4	4	4	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	87	89	90	94	95	92	82	73	72	68
Zamboanga del Norte	21	23	25	27	26	24	22	18	17	17
Zamboanga del Sur	9	8	8	7	5	6	7	8	7	7
Zamboanga Sibugay	4	5	5	6	6	3	3	3	3	3
Zamboanga City	53	53	52	55	58	59	50	45	45	41
Northern Mindanao	131	141	140	137	136	131	132	123	120	119
Bukidnon	95	105	103	99	104	100	102	95	96	100
Camiguin	..	..	..	..	..	..	..	..	0	0
Lanao del Norte	13	12	12	11	9	8	6	5	2	..
Misamis Occidental	16	19	20	20	19	21	20	20	20	16
Misamis Oriental	7	5	5	7	5	3	4	3	3	3
Davao Region	369	350	351	362	354	362	360	350	344	333
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	231	245	248	265	272	275	275	268	272	273
Davao Oriental	9	9	9	9	9	11	12	12	12	12
Compostela Valley	92	60	59	56	39	44	40	36	36	24
Davao City	37	36	35	32	34	32	33	34	24	24
SOCCSKSARGEN	140	143	143	147	154	151	149	149	129	128
North Cotabato	53	54	57	60	65	65	67	67	61	58
Sarangani	60	61	57	57	58	54	52	53	39	40
South Cotabato	22	22	23	24	24	24	22	21	21	22
Sultan Kudarat	5	6	6	6	8	8	8	8	7	9
Caraga	2	2	1	2	..	1	2	..	..	..
Agusan del Norte	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	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cassava										
Philippines	211,657	215,933	217,622	221,235	217,259	217,146	216,775	222,993	229,769	234,540
CAR	307	312	317	313	489	632	655	659	877	1,171
Abra	16	16	16	16	16	16	16	16	16	16
Apayao	79	85	85	84	290	438	443	445	445	448
Benguet	152	151	156	153	121	112	112	112	111	108
Ifugao	18	18	18	18	18	19	36	31	266	562
Kalinga	24	25	26	26	28	31	32	38	23	20
Mountain Province	18	17	16	16	16	16	16	17	16	18
Ilocos Region	2,305	2,308	2,312	2,264	1,944	1,905	1,897	1,916	1,930	1,926
Ilocos Norte	498	468	468	411	392	395	399	403	406	410
Ilocos Sur	110	106	105	107	112	119	120	125	122	124
La Union	197	204	208	212	223	219	223	233	240	231
Pangasinan	1,500	1,530	1,532	1,534	1,217	1,172	1,155	1,155	1,162	1,162
Cagayan Valley	2,559	3,090	3,336	4,859	4,843	4,895	8,637	14,175	19,114	22,069
Batanes	..	..	..	..	4	4	5	4	1	1
Cagayan	983	929	933	946	946	986	1,023	1,310	1,717	1,676
Isabela	1,428	1,753	2,021	3,571	3,563	3,575	7,084	10,859	13,762	16,224
Nueva Vizcaya	118	104	117	120	130	130	145	173	239	246
Quirino	30	304	265	222	200	200	379	1,830	3,394	3,922
Central Luzon	1,175	1,188	1,207	1,312	1,577	1,681	1,786	1,935	1,926	2,046
Aurora	149	154	158	159	165	179	196	370	373	496
Bataan	46	46	46	46	200	200	198	196	195	195
Bulacan	47	52	57	56	103	95	103	103	94	95
Nueva Ecija	85	86	86	86	84	84	84	83	80	82
Pampanga	715	715	710	690	740	755	796	796	796	797
Tarlac	15	15	15	15	20	38	52	55	56	56
Zambales	118	120	135	260	265	330	357	332	332	326
CALABARZON	8,243	8,150	7,894	7,885	7,803	7,896	7,641	7,253	7,231	7,223
Batangas	938	853	850	972	940	1,019	979	885	860	865
Cavite	310	310	330	330	302	316	305	302	305	307
Laguna	135	134	136	140	147	152	150	154	157	154
Quezon	6,760	6,750	6,475	6,337	6,308	6,299	6,097	5,802	5,795	5,785
Rizal	100	103	103	106	106	110	110	110	114	112
MIMAROPA	2,330	2,378	2,346	2,389	2,471	2,602	2,600	2,618	2,830	2,817
Marinduque	76	77	76	80	80	81	82	82	88	84
Occidental Mindoro	535	548	552	562	567	569	574	578	808	815
Oriental Mindoro	450	451	463	474	485	566	589	610	622	636
Palawan	800	833	873	888	953	1,015	1,046	1,056	1,056	1,026
Romblon	469	470	382	385	386	371	309	292	257	257
Bicol Region	22,901	22,895	22,830	22,750	22,753	22,825	22,254	22,396	22,330	21,485
Albay	1,897	1,890	1,820	1,800	1,725	1,725	1,700	1,710	1,910	1,910
Camarines Norte	695	695	695	692	698	705	705	730	730	732
Camarines Sur	16,724	16,724	16,724	16,716	16,785	16,677	16,665	16,665	16,657	15,810
Catanduanes	90	90	90	90	90	90	90	156	154	154
Masbate	839	840	845	845	845	1,120	1,120	1,185	1,185	1,185
Sorsogon	2,656	2,656	2,656	2,607	2,610	2,508	1,974	1,950	1,694	1,694
Western Visayas	6,597	6,665	6,682	6,749	6,807	6,726	6,574	6,432	6,244	6,119
Aklan	773	780	784	783	780	727	635	633	627	631
Antique	384	405	392	395	394	409	417	426	436	436
Capiz	710	717	702	700	698	624	617	627	628	619
Guimaras	62	65	66	78	85	71	80	73	62	70
Iloilo	1,600	1,630	1,670	1,715	1,765	1,810	1,740	1,593	1,426	1,305
Negros Occidental	3,068	3,068	3,068	3,078	3,085	3,085	3,085	3,080	3,065	3,058
Central Visayas	11,641	13,701	15,131	15,894	11,521	10,624	8,759	9,400	9,862	9,689
Bohol	5,329	6,954	8,117	8,917	5,193	4,505	3,083	3,813	4,054	3,806
Cebu	2,532	2,534	2,450	2,423	2,483	2,395	2,445	2,420	2,636	2,570
Negros Oriental	2,750	3,200	3,555	3,669	3,160	3,262	2,749	2,680	2,685	2,820
Siquijor	1,030	1,013	1,009	885	685	462	482	487	487	493
Eastern Visayas	23,243	23,390	22,714	22,533	21,441	19,675	16,672	15,803	15,444	15,393
Biliran	654	642	625	617	560	505	429	432	450	405
Eastern Samar	2,172	2,173	2,173	2,173	2,173	2,172	2,058	2,054	2,074	2,027
Leyte	7,473	7,613	7,611	7,940	7,022	6,813	4,826	4,990	4,620	4,630
Northern Samar	2,564	2,564	2,575	2,600	2,420	2,340	2,140	2,200	2,187	2,187
Southern Leyte	4,767	4,785	4,840	4,420	4,440	4,440	4,080	4,088	4,091	4,112
Samar (Western Sama	5,613	5,613	4,890	4,783	4,826	3,405	3,139	2,039	2,022	2,031
Zamboanga Peninsula	7,228	7,098	7,052	7,015	6,989	6,499	6,027	5,986	6,640	6,935
Zamboanga del Norte	1,765	1,721	1,659	1,620	1,579	1,350	1,098	1,060	1,079	1,487
Zamboanga del Sur	2,725	2,724	2,748	2,754	2,733	2,739	2,744	2,746	3,490	3,405
Zamboanga Sibugay	475	428	449	480	464	380	350	354	356	330
Zamboanga City	2,263	2,225	2,196	2,161	2,213	2,030	1,835	1,826	1,716	1,713
Northern Mindanao	16,326	18,933	20,938	24,358	24,440	25,168	25,821	27,904	27,837	28,607
Bukidnon	8,800	11,020	11,510	13,700	13,750	16,150	16,550	18,221	18,151	18,811
Camiguin	240	272	280	272	252	273	273	266	221	221
Lanao del Norte	1,291	1,291	1,310	1,316	1,330	1,305	1,220	1,227	1,239	1,244
Misamis Occidental	1,545	1,810	1,888	1,897	2,048	1,830	1,760	1,650	1,652	1,761
Misamis Oriental	4,450	4,540	5,950	7,173	7,060	5,610	6,018	6,540	6,574	6,570
Davao Region	2,264	2,219	2,174	2,159	2,103	2,175	2,342	2,399	2,591	2,627
Davao del Norte	424	416	410	420	429	453	457	472	499	501
Davao del Sur	774	733	705	685	647	648	652	663	698	709
Davao Oriental	353	351	340	340	333	363	494	497	492	499
Compostela Valley	465	470	470	458	422	410	420	444	576	582
Davao City	248	249	249	256	272	301	319	323	326	336
SOCCSKSARGEN	1,905	1,884	1,984	2,111	2,215	3,497	4,282	4,128	3,870	4,332
North Cotabato	941	955	983	987	990	990	929	870	865	812
Sarangani	97	99	96	98	98	100	103	105	94	94
South Cotabato	707	670	735	831	952	2,250	3,090	2,988	2,812	3,323
Sultan Kudarat	160	160	170	195	175	157	160	165	99	103
Caraga	8,562	7,631	6,678	4,474	4,085	2,860	2,740	2,722	2,789	2,746
Agusan del Norte	975	1,160	1,068	950	770	510	488	425	400	440
Agusan del Sur	520	520	547	415	425	480	490	514	520	450
Dinagat Islands	..	..	..	..	..	140	166	166	105	106
Surigao del Norte	3,165	3,054	2,458	1,349	1,130	400	248	269	254	260
Surigao del Sur	3,902	2,897	2,605	1,760	1,760	1,330	1,348	1,348	1,510	1,490
ARMM	94,071	94,091	94,029	94,171	95,777	97,486	98,089	97,266	98,253	99,355
Basilan	17,221	17,223	17,224	17,469	17,474	17,479	17,479	17,479	17,479	17,479
Lanao del Sur	29,220	29,220	29,220	29,220	31,000	33,000	33,500	32,500	32,500	32,500
Maguindanao	805	805	815	718	700	745	850	1,000	1,990	2,490
Sulu	27,850	27,864	27,826	27,826	27,665	27,325	27,325	27,350	27,350	27,950
Tawi-tawi	18,975	18,979	18,944	18,938	18,938	18,937	18,935	18,937	18,934	18,936

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cauliflower										
Philippines	1,004	997	987	1,067	1,081	1,105	1,095	1,079	1,069	1,098
CAR	345	344	340	341	339	334	332	329	324	351
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	342	341	337	338	337	332	330	328	323	350
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	3	3	3	3	2	2	2	1	1	1
Ilocos Region	443	409	421	423	422	439	438	440	438	433
Ilocos Norte	1	1	1	1	0	0	0	0	0	0
Ilocos Sur	442	408	420	422	422	438	438	440	437	433
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	23	34	30	100	101	96	95	85	86	86
Batanes	..	..	..	..	1	0	0	0	0	1
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	23	34	30	100	100	96	95	85	86	86
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	6	5	5	5	4	3	1	1	0	0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0	0
Nueva Ecija	6	5	5	5	4	3	1	1	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	0	1	1	1	1	1	2	0	0	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	0	1	1	1	1	1	2	0	0	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	2	2	2	2	2
Marinduque	..	..	..	..	..	2	2	2	2	2
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1	1	1	6	11	11	10	12	11	12
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	1	1	1	6	11	11	10	12	11	12
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	27	27	22	23	29	35	27	27	28	26
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	12	13	11	13	17	19	18	19	17	17
Negros Oriental	16	14	11	10	12	16	10	8	10	9
Siquijor	..	..	..	..	..	..	..	0	..	0
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	2	2	2	3	4	4	4	4	4	3
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	2	2	2	3	4	4	4	4	4	3
Northern Mindanao	91	109	104	112	117	125	129	124	126	130
Bukidnon	85	105	99	105	110	116	119	115	118	122
Camiguin	0	0	0	..	..	0	..	0	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	0	..	..
Misamis Oriental	6	4	5	7	7	9	10	9	8	8
Davao Region	34	33	33	26	25	25	24	23	22	22
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	15	15	15	15	15	15	15	14	13	13
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	5	4	4	2	3	4	4	4	4	3
Davao City	14	14	14	9	7	6	5	5	6	6
SOCCSKSARGEN	32	33	29	28	29	31	32	30	29	33
North Cotabato	8	8	7	7	7	8	9	9	9	8
Sarangani	8	8	7	5	5	5	5	4	3	3
South Cotabato	14	16	15	16	17	17	18	17	17	23
Sultan Kudarat	2	1	0	0	..	..	..	..	..	..
Caraga	..	..	..	..	0	1	0	0	0	0
Agusan del Norte	..	..	..	..	0	0	..	..	0	..
Agusan del Sur	..	..	..	..	..	0	0	0	0	0
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Eggplant										
Philippines	21,299	21,170	21,423	21,377	21,485	21,239	21,159	21,008	21,038	21,446
CAR	135	134	134	133	137	142	147	147	155	157
Abra	59	59	59	59	59	59	59	59	59	59
Apayao	7	6	6	5	11	16	21	23	20	21
Benguet	2	2	2	2	2	2	2	3	2	4
Ifugao	29	29	29	29	29	29	30	30	43	43
Kalinga	33	34	34	34	33	33	32	31	28	28
Mountain Province	5	4	4	4	3	3	3	2	2	2
Ilocos Region	4,908	4,725	4,815	4,866	4,905	4,938	4,969	5,036	5,112	5,152
Ilocos Norte	572	596	603	611	620	627	640	648	652	663
Ilocos Sur	290	292	310	315	316	331	340	349	355	363
La Union	153	156	163	161	187	196	203	205	211	213
Pangasinan	3,894	3,680	3,738	3,780	3,781	3,785	3,787	3,835	3,894	3,912
Cagayan Valley	1,960	1,917	1,743	1,875	1,893	1,923	1,963	1,905	1,817	1,828
Batanes	..	..	..	..	4	3	3	4	3	3
Cagayan	883	787	647	726	740	750	743	661	609	598
Isabela	922	971	930	991	988	1,005	1,040	1,063	1,029	1,021
Nueva Vizcaya	93	95	105	105	109	111	123	123	125	145
Quirino	62	64	61	53	52	54	54	54	51	60
Central Luzon	2,894	2,898	2,908	2,914	2,938	2,718	2,786	2,843	2,823	2,895
Aurora	88	92	96	98	101	99	102	92	101	104
Bataan	106	106	106	106	106	106	105	105	105	105
Bulacan	142	144	150	153	153	148	155	198	198	201
Nueva Ecija	1,538	1,534	1,547	1,547	1,547	1,538	1,548	1,555	1,529	1,590
Pampanga	129	129	131	126	135	135	132	132	133	134
Tarlac	805	805	785	785	785	574	620	640	640	645
Zambales	86	88	93	99	111	118	124	121	117	116
CALABARZON	1,762	1,712	1,775	1,877	1,803	1,798	1,752	1,515	1,483	1,533
Batangas	650	600	640	750	685	657	602	369	354	359
Cavite	79	79	96	97	86	85	85	85	75	70
Laguna	173	165	170	160	157	156	159	155	154	161
Quezon	792	800	801	800	805	830	836	836	828	873
Rizal	68	68	68	70	70	70	70	70	72	70
MIMAROPA	919	926	956	984	988	963	980	1,029	1,043	1,145
Marinduque	183	183	179	182	182	182	180	180	180	184
Occidental Mindoro	437	439	455	470	476	447	455	482	491	505
Oriental Mindoro	60	60	69	76	69	74	77	95	98	180
Palawan	137	141	148	149	155	153	160	163	165	167
Romblon	102	103	104	107	105	107	109	110	109	110
Bicol Region	1,362	1,359	1,383	1,355	1,363	1,359	1,359	1,363	1,353	1,388
Albay	365	360	368	363	363	363	363	363	363	363
Camarines Norte	46	44	44	43	45	45	45	45	41	33
Camarines Sur	672	675	686	667	673	673	673	672	674	717
Catanduanes	11	11	11	11	11	11	11	18	18	18
Masbate	206	207	214	214	214	214	214	214	209	209
Sorsogon	62	62	60	57	57	53	53	51	48	48
Western Visayas	1,384	1,428	1,469	1,495	1,527	1,478	1,516	1,552	1,579	1,563
Aklan	37	39	41	41	39	38	40	41	41	39
Antique	64	68	76	76	78	80	81	78	70	82
Capiz	105	105	107	110	119	90	106	103	101	101
Guimaras	29	30	26	26	27	26	28	26	24	26
Iloilo	752	789	818	835	855	835	852	895	929	897
Negros Occidental	397	397	401	407	409	409	409	409	414	418
Central Visayas	1,750	1,807	1,918	1,649	1,632	1,642	1,401	1,393	1,314	1,404
Bohol	487	510	637	390	418	423	406	405	325	398
Cebu	937	955	943	944	894	852	705	705	691	690
Negros Oriental	300	315	313	289	296	355	280	273	288	306
Siquijor	26	27	25	26	24	12	10	10	10	10
Eastern Visayas	339	340	343	352	355	344	324	328	328	315
Biliran	16	17	18	23	23	22	21	22	23	17
Eastern Samar	69	69	69	69	70	68	66	64	64	55
Leyte	161	160	162	163	165	164	146	150	148	149
Northern Samar	30	30	31	31	31	30	31	33	34	34
Southern Leyte	31	32	32	33	32	32	31	31	31	33
Samar (Western Sama	32	32	31	33	33	28	29	28	28	27
Zamboanga Peninsula	532	530	594	593	602	559	545	500	491	492
Zamboanga del Norte	98	103	107	110	109	86	88	64	57	60
Zamboanga del Sur	70	61	64	59	56	60	60	59	61	62
Zamboanga Sibugay	46	56	107	103	109	100	81	62	64	65
Zamboanga City	318	310	316	321	328	313	316	315	310	305
Northern Mindanao	755	773	775	795	814	831	839	828	845	872
Bukidnon	175	180	175	185	195	195	198	192	197	207
Camiguin	19	17	18	17	16	16	16	16	17	18
Lanao del Norte	244	246	248	250	252	256	256	252	256	254
Misamis Occidental	115	132	132	137	142	144	144	145	148	151
Misamis Oriental	202	198	202	206	209	220	225	223	227	242
Davao Region	1,193	1,211	1,219	1,173	1,162	1,174	1,162	1,140	1,101	1,108
Davao del Norte	346	344	348	338	345	345	310	288	291	296
Davao del Sur	68	73	78	83	90	91	94	90	90	92
Davao Oriental	179	180	180	180	181	181	198	198	190	190
Compostela Valley	243	257	257	252	223	230	233	237	234	233
Davao City	357	357	356	320	323	327	327	327	296	297
SOCCSKSARGEN	613	621	624	631	638	626	642	641	644	642
North Cotabato	429	435	434	440	442	407	420	419	421	415
Sarangani	48	49	47	49	49	50	51	53	51	52
South Cotabato	63	63	68	68	71	93	98	95	95	97
Sultan Kudarat	73	74	75	74	75	76	74	74	77	78
Caraga	579	571	544	468	499	510	560	574	735	734
Agusan del Norte	38	33	34	31	31	37	39	45	48	53
Agusan del Sur	448	445	416	355	385	385	440	450	600	580
Dinagat Islands	..	..	..	..	..	3	3	3	2	3
Surigao del Norte	18	19	17	9	10	12	6	5	5	5
Surigao del Sur	75	74	77	73	74	73	72	72	80	93
ARMM	215	218	225	219	230	236	215	215	216	218
Basilan	11	12	14	16	17	18	18	18	18	18
Lanao del Sur	28	28	28	28	29	34	33	33	33	33
Maguindanao	145	145	150	140	146	146	145	146	146	148
Sulu	23	23	23	25	27	27	11	10	11	11
Tawi-tawi	9	10	10	11	11	11	8	8	8	8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gabi										
Philippines	18,168	17,882	16,998	16,827	16,362	15,819	15,384	15,345	15,143	15,011
CAR	446	449	421	420	425	434	441	440	436	437
Abra	19	19	19	19	19	19	19	19	19	19
Apayao	8	11	12	12	15	22	27	27	26	26
Benguet	376	377	349	349	349	349	349	348	346	346
Ifugao	27	27	26	26	26	26	26	26	26	26
Kalinga	12	12	12	12	15	17	19	19	20	19
Mountain Province	4	3	3	2	1	1	1	1	1	1
Ilocos Region	483	506	495	494	492	477	479	471	455	451
Ilocos Norte	157	154	155	152	152	152	155	152	151	150
Ilocos Sur	14	16	16	18	21	21	22	22	22	22
La Union	102	104	105	112	114	114	113	116	108	107
Pangasinan	211	231	219	213	205	190	190	181	174	173
Cagayan Valley	1,749	1,715	1,644	1,691	1,685	1,699	1,689	1,699	1,699	1,628
Batanes	..	..	..	..	10	9	9	8	5	5
Cagayan	695	649	595	625	625	638	628	637	627	528
Isabela	690	693	673	683	686	688	689	689	689	688
Nueva Vizcaya	309	310	310	314	295	295	294	296	302	325
Quirino	55	63	66	69	69	69	69	69	75	82
Central Luzon	963	968	963	970	972	974	986	985	985	975
Aurora	151	152	155	156	156	157	175	176	173	179
Bataan	90	90	90	90	90	87	84	84	81	81
Bulacan	50	48	48	51	52	53	53	53	64	65
Nueva Ecija	136	133	132	132	132	132	132	130	126	121
Pampanga	300	300	290	283	277	275	268	268	267	267
Tarlac	73	73	73	75	77	77	80	80	80	80
Zambales	163	172	175	183	188	193	194	194	194	183
CALABARZON	1,022	1,009	989	985	983	932	856	831	787	774
Batangas	313	313	313	313	314	273	197	176	133	133
Cavite	35	34	45	43	46	47	46	47	48	47
Laguna	104	104	105	105	106	106	106	101	105	96
Quezon	570	558	526	524	517	506	507	507	502	499
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	669	681	685	704	712	716	730	710	698	703
Marinduque	101	101	99	102	102	101	102	102	103	100
Occidental Mindoro	14	16	18	20	22	23	25	26	26	26
Oriental Mindoro	337	345	349	357	363	369	380	358	346	354
Palawan	121	123	122	126	125	122	124	123	123	123
Romblon	96	96	97	99	101	101	99	101	100	99
Bicol Region	1,622	1,571	1,547	1,504	1,462	1,427	1,377	1,322	1,288	1,283
Albay	925	875	850	810	760	725	675	665	654	652
Camarines Norte	43	40	40	42	41	43	43	43	43	40
Camarines Sur	282	283	282	281	282	282	282	281	281	281
Catanduanes	91	91	91	91	91	91	91	48	47	47
Masbate	13	14	16	16	16	16	16	16	16	16
Sorsogon	268	268	268	264	272	270	270	269	247	247
Western Visayas	663	668	659	661	657	623	629	623	617	616
Aklan	210	211	209	207	205	173	181	181	179	173
Antique	99	103	103	104	100	102	102	104	105	105
Capiz	76	85	80	79	79	78	79	78	76	78
Guimaras	16	17	17	17	19	18	18	17	15	14
Iloilo	160	150	148	152	152	151	147	144	143	147
Negros Occidental	102	102	102	102	102	102	102	99	99	99
Central Visayas	2,209	1,964	1,482	1,408	1,156	1,150	1,049	1,025	1,001	980
Bohol	1,874	1,619	1,137	1,049	802	801	700	688	687	689
Cebu	181	185	181	184	178	168	166	160	138	135
Negros Oriental	137	142	146	155	156	162	164	159	159	139
Siquijor	17	18	18	20	20	19	19	18	17	17
Eastern Visayas	4,635	4,686	4,707	4,714	4,566	4,537	4,355	4,469	4,467	4,456
Biliran	233	232	234	181	181	172	161	162	162	135
Eastern Samar	29	29	29	29	30	30	30	27	27	27
Leyte	1,355	1,374	1,372	1,376	1,378	1,355	1,193	1,230	1,230	1,233
Northern Samar	2,243	2,243	2,259	2,284	2,124	2,124	2,133	2,228	2,217	2,218
Southern Leyte	445	448	453	468	473	473	473	479	479	484
Samar (Western Sama	330	360	360	376	380	383	365	343	352	359
Zamboanga Peninsula	338	319	308	302	304	243	219	209	193	193
Zamboanga del Norte	99	97	93	89	89	87	87	80	73	73
Zamboanga del Sur	94	76	70	67	66	63	65	64	60	61
Zamboanga Sibugay	99	100	99	99	100	46	35	32	32	33
Zamboanga City	46	46	46	47	49	48	32	33	27	26
Northern Mindanao	275	278	280	291	297	300	303	303	305	312
Bukidnon	20	20	19	20	21	19	16	15	15	16
Camiguin	22	20	21	22	22	24	23	21	22	23
Lanao del Norte	131	127	130	132	132	132	134	137	136	139
Misamis Occidental	85	91	93	95	97	99	100	101	104	104
Misamis Oriental	17	20	17	22	25	27	30	29	29	30
Davao Region	341	343	345	397	401	421	436	436	433	436
Davao del Norte	36	36	37	39	41	40	42	38	37	37
Davao del Sur	72	72	70	70	70	69	69	66	65	63
Davao Oriental	41	41	41	41	41	41	42	42	39	39
Compostela Valley	170	172	173	175	164	180	187	190	191	186
Davao City	22	22	24	72	85	91	96	100	101	111
SOCCSKSARGEN	283	287	289	291	296	303	304	284	241	235
North Cotabato	223	223	225	228	231	240	242	222	184	175
Sarangani	27	30	30	30	30	26	26	26	22	23
South Cotabato	9	9	10	11	13	13	13	13	11	11
Sultan Kudarat	24	24	24	22	22	24	24	24	23	26
Caraga	2,315	2,286	2,041	1,856	1,822	1,450	1,401	1,411	1,413	1,405
Agusan del Norte	64	63	57	51	61	72	75	79	76	81
Agusan del Sur	1,244	1,243	1,258	1,167	1,195	1,015	1,035	1,050	1,050	1,035
Dinagat Islands	..	..	..	..	..	35	33	33	39	37
Surigao del Norte	833	830	585	508	435	175	100	91	85	87
Surigao del Sur	174	150	141	130	131	153	158	158	163	166
ARMM	154	151	143	137	132	131	133	129	127	127
Basilan	25	23	23	23	23	23	23	23	23	23
Lanao del Sur	48	48	48	48	47	46	46	46	46	46
Maguindanao	26	26	20	16	14	14	16	14	14	14
Sulu	52	52	50	48	46	46	46	44	42	42
Tawi-tawi	3	2	2	2	2	2	2	2	2	2

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Garlic										
Philippines	3,849	3,552	3,039	2,830	2,676	2,539	2,555	2,744	2,647	2,569
CAR	14	13	12	8	8	7	7	7	6	6
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	6	5	4	..	..	..	..	..	..	..
Kalinga	8	8	8	8	8	7	7	7	6	6
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	3,016	2,741	2,251	2,057	1,839	1,864	1,879	2,075	2,014	1,991
Ilocos Norte	2,894	2,620	2,130	1,935	1,715	1,740	1,750	1,933	1,880	1,856
Ilocos Sur	115	115	115	117	119	120	125	138	130	131
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	7	6	6	5	5	4	4	4	4	4
Cagayan Valley	64	57	51	51	131	142	153	147	149	125
Batanes	..	..	..	..	85	90	93	97	96	76
Cagayan	16	18	17	17	17	17	16	14	13	11
Isabela	15	8	5	4	2	1	1	0	0	0
Nueva Vizcaya	33	31	29	30	27	35	44	35	40	38
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	142	144	141	140	135	133	133	135	118	118
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	142	144	141	140	135	133	133	130	118	118
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	5	..	..
CALABARZON	86	86	83	71	67	65	61	50	46	42
Batangas	22	22	21	16	17	17	16	6	3	1
Cavite	7	7	10	9	5	5	5	5	5	4
Laguna	2	2	2	1	2	5	3	2	2	..
Quezon	55	55	50	45	43	38	37	37	37	37
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	512	498	489	492	488	301	299	307	292	265
Marinduque	11	11	10	10	10	10	8	8	6	5
Occidental Mindoro	460	446	438	442	440	253	254	255	245	216
Oriental Mindoro	25	25	25	26	25	27	28	35	35	38
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	16	16	16	14	13	12	9	8	6	6
Bicol Region	1	1	1	1	1	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	1	1	1	1	1	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	14	10	9	8	5	25	21	22	20	20
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	14	10	9	8	5	25	21	22	20	20
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	0	0	0	0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
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 Sama	..	..	..	..	..	..	..	..	..	..
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	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Ginger										
Philippines	3,926	3,948	3,967	4,037	4,012	3,963	3,850	3,805	3,831	3,908
CAR	154	155	151	145	143	139	137	136	131	133
Abra	18	18	18	18	18	18	18	18	18	18
Apayao	12	13	13	12	9	9	10	9	9	9
Benguet	46	45	41	39	39	39	36	34	31	33
Ifugao	72	72	72	70	70	67	67	67	62	62
Kalinga	4	5	5	5	5	5	5	6	9	10
Mountain Province	2	2	2	2	2	2	2	2	2	2
Ilocos Region	116	122	123	130	133	135	138	144	152	159
Ilocos Norte	41	42	42	42	43	45	48	51	56	63
Ilocos Sur	14	16	17	19	21	21	20	22	24	25
La Union	26	28	29	34	35	35	36	37	38	38
Pangasinan	35	35	35	35	34	34	34	34	33	33
Cagayan Valley	811	812	797	776	755	776	778	762	762	684
Batanes	..	..	..	..	7	7	7	4	3	3
Cagayan	167	168	158	164	164	171	167	161	150	155
Isabela	109	97	92	62	35	25	21	22	19	18
Nueva Vizcaya	522	533	533	536	534	558	568	558	566	483
Quirino	13	14	14	14	15	15	15	17	24	25
Central Luzon	178	171	174	176	180	183	184	188	189	202
Aurora	25	23	26	29	31	34	36	34	39	43
Bataan	12	12	12	12	12	13	12	12	12	12
Bulacan	25	23	23	22	22	21	24	30	27	27
Nueva Ecija	74	71	69	68	67	66	63	63	62	70
Pampanga	2	2	2	2	2	3	3	3	3	3
Tarlac	24	24	24	23	23	23	23	23	23	23
Zambales	16	16	18	20	23	23	23	23	23	23
CALABARZON	406	409	411	428	378	374	362	333	333	378
Batangas	158	159	156	166	115	103	91	61	62	111
Cavite	36	36	40	40	37	35	35	33	32	29
Laguna	17	18	19	21	25	26	23	25	25	25
Quezon	191	189	189	192	192	200	204	204	205	203
Rizal	4	7	7	9	9	10	10	10	10	10
MIMAROPA	104	103	107	126	128	132	137	138	145	170
Marinduque	14	14	13	13	13	13	13	13	11	12
Occidental Mindoro	22	19	17	20	22	24	25	24	25	26
Oriental Mindoro	23	24	25	25	26	27	28	30	39	60
Palawan	30	32	38	53	52	53	56	55	55	57
Romblon	14	14	14	15	15	16	15	16	16	16
Bicol Region	70	71	73	73	77	82	82	82	82	85
Albay	17	17	17	16	19	22	23	23	23	25
Camarines Norte	3	3	3	5	5	6	6	6	6	6
Camarines Sur	33	33	33	32	33	33	32	32	32	34
Catanduanes	4	4	4	4	4	4	4	4	4	4
Masbate	7	8	10	10	10	10	10	10	10	10
Sorsogon	6	6	6	6	6	7	7	7	7	7
Western Visayas	216	220	211	219	221	222	214	204	207	216
Aklan	39	40	39	40	40	41	41	37	38	41
Antique	54	48	45	43	41	40	38	38	36	37
Capiz	26	34	32	37	39	41	40	36	39	43
Guimaras	1	1	1	1	1	1	1	1	1	2
Iloilo	45	45	42	46	48	47	42	41	38	40
Negros Occidental	51	52	52	52	52	52	52	52	54	54
Central Visayas	326	331	335	342	335	319	317	326	342	354
Bohol	110	118	121	127	123	128	134	133	132	137
Cebu	194	191	191	189	176	164	150	165	182	182
Negros Oriental	17	17	18	20	30	22	30	25	25	31
Siquijor	5	5	5	6	6	5	4	4	3	4
Eastern Visayas	272	271	275	279	284	281	250	261	264	276
Biliran	31	27	29	31	31	29	27	29	30	33
Eastern Samar	10	6	10	10	10	10	10	13	13	16
Leyte	176	182	180	179	181	177	147	150	150	154
Northern Samar	10	10	10	10	10	10	10	14	14	14
Southern Leyte	32	34	35	38	40	40	40	41	41	43
Samar (Western Sama	13	12	11	12	12	15	15	14	16	17
Zamboanga Peninsula	112	114	115	123	137	126	113	112	110	110
Zamboanga del Norte	27	29	29	29	29	29	29	29	27	26
Zamboanga del Sur	43	43	42	45	47	47	47	44	44	45
Zamboanga Sibugay	25	26	28	30	39	29	20	23	24	24
Zamboanga City	17	16	16	19	22	21	17	16	16	15
Northern Mindanao	661	668	671	692	719	739	707	703	699	706
Bukidnon	50	53	54	58	66	61	57	48	49	52
Camiguin	6	5	5	5	5	5	4	3	3	4
Lanao del Norte	494	500	504	514	525	540	525	533	531	532
Misamis Occidental	79	80	82	85	90	91	91	90	89	90
Misamis Oriental	32	30	26	30	33	42	30	29	27	28
Davao Region	227	253	260	265	256	255	237	239	234	245
Davao del Norte	26	28	30	33	30	29	27	30	31	31
Davao del Sur	72	88	90	98	106	105	100	98	95	96
Davao Oriental	4	5	6	6	10	12	13	13	16	18
Compostela Valley	89	96	96	92	72	70	61	63	59	61
Davao City	36	36	38	36	38	39	36	35	34	39
SOCCSKSARGEN	98	103	100	106	106	103	97	91	89	89
North Cotabato	49	53	51	63	65	63	58	53	54	56
Sarangani	17	18	17	14	14	13	11	11	9	10
South Cotabato	27	27	28	25	23	24	24	23	21	20
Sultan Kudarat	5	5	5	5	5	4	4	4	4	4
Caraga	58	49	44	35	34	32	27	22	29	35
Agusan del Norte	19	17	15	10	8	8	6	5	5	4
Agusan del Sur	22	15	13	13	15	11	11	7	13	19
Dinagat Islands	..	..	..	..	..	1	1	1	1	1
Surigao del Norte	6	6	5	5	3	4	2	2	2	2
Surigao del Sur	11	12	11	8	8	8	8	8	9	10
ARMM	118	97	121	123	127	66	69	65	65	66
Basilan	4	4	4	4	4	5	5	5	5	5
Lanao del Sur	98	76	98	98	99	38	38	38	38	38
Maguindanao	15	15	16	18	20	20	22	18	18	19
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	1	2	2	3	3	4	4	4	4	4

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Bottle Gourd										
Philippines	8,305	8,152	7,847	7,773	7,765	7,262	7,299	7,428	7,302	7,181
CAR	176	175	177	177	180	180	181	181	179	179
Abra	156	156	156	156	156	156	156	156	156	156
Apayao	1	1	1	1	4	5	6	6	4	5
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	19	18	17	17	17	17	17	17	17	17
Kalinga	..	..	3	3	3	3	3	3	3	2
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	686	681	682	682	694	695	695	693	683	706
Ilocos Norte	217	215	215	215	212	213	212	209	213	215
Ilocos Sur	82	80	80	81	81	83	83	84	81	81
La Union	211	212	210	212	216	215	215	214	214	217
Pangasinan	176	173	177	174	185	185	185	185	175	193
Cagayan Valley	1,012	1,002	856	839	825	806	762	755	724	730
Batanes	..	..	..	..	2	2	2	2	2	2
Cagayan	312	308	244	255	266	286	281	277	261	263
Isabela	627	625	548	520	495	461	425	424	411	411
Nueva Vizcaya	47	41	39	42	40	34	33	30	32	34
Quirino	26	28	25	22	22	23	21	22	19	21
Central Luzon	638	640	636	636	645	624	632	706	687	694
Aurora	13	14	16	15	15	14	17	12	14	14
Bataan	29	29	29	29	29	23	19	19	18	18
Bulacan	88	89	85	88	90	87	91	174	135	140
Nueva Ecija	280	277	274	275	276	281	285	285	304	304
Pampanga	131	131	133	131	133	122	118	118	118	118
Tarlac	15	15	14	13	13	11	14	12	12	13
Zambales	82	85	85	85	89	86	88	86	86	86
CALABARZON	2,760	2,727	2,649	2,702	2,680	2,508	2,478	2,508	2,475	2,259
Batangas	1,784	1,759	1,764	1,826	1,825	1,644	1,635	1,640	1,620	1,410
Cavite	119	119	90	93	80	81	81	80	80	79
Laguna	92	79	83	89	88	88	75	101	92	88
Quezon	745	750	692	674	667	675	667	667	664	665
Rizal	20	20	20	20	20	20	20	20	19	17
MIMAROPA	74	81	83	89	90	92	95	97	102	120
Marinduque	13	13	12	12	12	12	12	12	13	12
Occidental Mindoro	14	15	16	19	20	23	25	27	29	31
Oriental Mindoro	6	7	7	8	8	8	8	8	12	27
Palawan	34	40	41	43	43	41	42	42	43	44
Romblon	7	7	7	7	7	7	8	8	7	7
Bicol Region	263	256	257	255	257	258	259	263	263	284
Albay	32	32	32	32	32	34	34	34	34	34
Camarines Norte	61	53	53	53	54	54	55	55	55	76
Camarines Sur	15	15	16	15	15	15	15	16	17	18
Catanduanes	7	7	7	7	7	7	7	10	10	10
Masbate	128	129	131	131	131	131	131	131	130	130
Sorsogon	20	20	18	17	18	17	17	17	17	17
Western Visayas	220	224	223	225	227	220	226	226	224	224
Aklan	8	9	9	9	9	9	8	8	6	6
Antique	9	10	8	6	5	5	5	5	5	5
Capiz	34	35	38	39	41	35	40	40	42	45
Guimaras	8	8	6	7	7	6	6	7	7	8
Iloilo	50	52	51	54	56	56	57	57	55	52
Negros Occidental	111	111	111	111	110	110	110	110	109	109
Central Visayas	558	550	537	505	512	228	292	291	282	283
Bohol	34	29	27	27	29	25	26	24	22	25
Cebu	118	122	118	100	105	117	180	188	177	175
Negros Oriental	403	396	389	375	375	80	81	75	79	79
Siquijor	3	3	3	3	3	6	5	4	4	4
Eastern Visayas	304	307	309	308	309	298	293	309	310	303
Biliran	11	11	14	15	15	14	14	20	20	17
Eastern Samar	16	16	16	16	16	16	14	15	14	12
Leyte	214	217	217	216	215	206	201	204	205	203
Northern Samar	7	7	7	7	7	7	7	10	10	10
Southern Leyte	15	15	41	42	43	43	43	47	47	47
Samar (Western Sama	40	41	14	13	13	13	14	13	14	13
Zamboanga Peninsula	594	535	446	389	355	315	345	361	345	346
Zamboanga del Norte	122	120	119	118	115	101	108	102	87	88
Zamboanga del Sur	114	99	78	56	44	35	37	34	34	35
Zamboanga Sibugay	112	100	80	65	50	33	22	17	16	15
Zamboanga City	246	216	169	150	146	146	178	209	208	208
Northern Mindanao	398	355	356	354	371	371	372	368	368	378
Bukidnon	37	36	36	34	32	31	28	29	29	31
Camiguin	6	6	6	6	6	5	5	5	5	5
Lanao del Norte	186	146	147	145	150	153	153	151	155	156
Misamis Occidental	49	51	52	53	53	50	49	48	47	51
Misamis Oriental	120	116	115	116	130	132	137	135	132	136
Davao Region	336	339	344	346	360	399	404	406	392	397
Davao del Norte	141	144	147	152	155	156	156	161	161	163
Davao del Sur	28	27	28	28	28	28	29	27	27	27
Davao Oriental	48	46	46	46	46	46	47	44	42	42
Compostela Valley	36	39	41	38	36	70	73	75	72	74
Davao City	83	83	82	82	95	99	99	99	90	91
SOCCSKSARGEN	126	128	120	117	116	124	125	122	114	115
North Cotabato	28	29	31	32	33	34	35	32	30	30
Sarangani	18	18	17	17	17	17	18	19	16	16
South Cotabato	14	14	13	13	11	18	18	18	17	16
Sultan Kudarat	66	67	59	55	55	55	54	53	51	54
Caraga	98	91	112	85	82	81	74	80	93	98
Agusan del Norte	59	55	58	36	33	42	38	34	36	35
Agusan del Sur	10	8	11	11	13	17	18	27	37	43
Dinagat Islands	..	..	..	..	..	3	3	3	3	3
Surigao del Norte	11	11	23	22	20	7	4	4	4	4
Surigao del Sur	18	17	20	16	16	12	12	13	14	14
ARMM	63	62	62	64	63	64	64	63	61	63
Basilan	17	16	16	16	16	16	16	16	16	16
Lanao del Sur	11	11	11	11	10	10	10	10	10	10
Maguindanao	15	15	15	18	18	18	17	16	16	17
Sulu	17	17	17	17	18	18	19	19	18	19
Tawi-tawi	3	3	3	2	2	2	2	2	2	2

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Habitchuelas										
Philippines	3,723	3,662	3,770	3,632	3,567	3,504	3,397	3,241	3,131	3,150
CAR	1,287	1,267	1,289	1,292	1,286	1,283	1,283	1,235	1,172	1,160
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	4	5	4	4	4	5	6	6	5	6
Benguet	669	659	694	695	694	690	691	685	671	663
Ifugao	405	395	392	392	392	392	393	378	364	362
Kalinga	26	26	26	26	26	26	27	29	25	19
Mountain Province	183	182	173	175	170	170	167	137	107	110
Ilocos Region	186	186	180	173	177	180	181	178	147	152
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	2	2	2	3	3	3	3	3	3
La Union	113	112	108	104	108	110	112	112	98	107
Pangasinan	73	72	70	67	66	67	66	63	46	42
Cagayan Valley	830	767	840	697	657	642	632	555	548	546
Batanes	..	..	..	..	2	1	1	1	1	1
Cagayan	42	43	44	44	44	47	45	46	43	38
Isabela	250	225	156	63	31	20	6	5	5	4
Nueva Vizcaya	515	476	619	569	560	554	560	483	479	483
Quirino	23	23	21	21	20	20	20	20	20	20
Central Luzon	30	30	30	29	28	26	21	17	15	15
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0	0
Nueva Ecija	30	30	30	29	28	26	21	17	15	15
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	74	71	67	69	77	79	82	83	80	85
Batangas	..	..	..	..	..	..	..	..	..	2
Cavite	2	2	..	..	..	..	..	..	..	..
Laguna	33	33	35	35	42	42	43	44	45	48
Quezon	39	36	32	34	35	37	39	39	35	35
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	1	0	1
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	1	0	1
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	218	220	222	221	227	227	222	223	224	224
Albay	75	77	80	83	88	88	85	85	85	85
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	143	143	142	138	139	139	137	137	138	138
Catanduanes	0	0	0	0	0	0	0	1	1	1
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	30	30	31	32	33	34	38	38	24	37
Aklan	2	2	2	2	2	2	2	2	2	2
Antique	2	2	2	3	4	4	4	4	4	4
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	14	14	15	15	16	17	20	20	19	19
Negros Occidental	12	12	12	12	12	12	12	12	..	12
Central Visayas	530	551	568	575	543	534	464	452	334	454
Bohol	17	19	18	14	11	9	5	4	2	4
Cebu	445	449	450	460	460	417	350	340	332	332
Negros Oriental	68	83	100	101	72	108	109	108	..	118
Siquijor	0	0	0	0	0	0	0	0	0	0
Eastern Visayas	167	160	160	160	149	103	78	77	77	75
Biliran	3	3	3	1	2	2	2	2	2	2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	114	107	108	107	106	73	60	62	62	61
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	50	50	49	52	41	28	17	14	13	13
Zamboanga Peninsula	72	75	76	74	83	63	50	45	40	41
Zamboanga del Norte	15	17	18	19	20	14	14	9	8	8
Zamboanga del Sur	19	19	18	19	19	20	20	20	20	20
Zamboanga Sibugay	5	6	8	..	6	3	1	1	2	2
Zamboanga City	33	34	32	36	38	26	15	15	10	11
Northern Mindanao	93	97	92	94	99	100	108	93	97	100
Bukidnon	44	47	45	46	51	54	56	44	46	50
Camiguin	0	1	1	1	1	0	0	0	0	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	9	11	12	14	16	18	20	20	20	19
Misamis Oriental	40	38	34	33	31	28	32	29	31	31
Davao Region	129	133	131	131	123	144	143	150	151	155
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	9	9	9	9	9	9	9	9	10	10
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	58	62	61	61	51	70	71	78	78	79
Davao City	62	62	61	61	63	65	63	63	63	66
SOCCSKSARGEN	53	53	58	60	61	63	66	63	68	73
North Cotabato	25	22	22	23	23	23	25	21	25	25
Sarangani	5	5	5	4	4	3	3	3	2	2
South Cotabato	17	20	26	28	29	31	34	34	37	42
Sultan Kudarat	6	6	6	6	5	5	5	5	4	4
Caraga	20	18	22	21	22	24	25	30	26	29
Agusan del Norte	2	1	1	1	2	1	1	1	1	0
Agusan del Sur	18	17	21	20	20	23	24	29	25	29
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	0	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	0
ARMM	3	3	4	4	3	3	3	2	2	2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	3	3	4	4	3	3	3	2	2	2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Kangkong										
Philippines	7,511	7,423	7,255	7,209	6,963	7,041	6,803	6,737	6,425	6,482
CAR	5	5	5	5	5	5	5	5	7	6
Abra	3	3	3	3	3	3	3	3	3	3
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	2	2	2	2	2	2	2	2	4	3
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	160	160	162	163	167	167	168	170	169	171
Ilocos Norte	80	79	79	79	81	81	82	82	80	80
Ilocos Sur	16	17	19	20	20	20	20	20	20	20
La Union	22	22	21	22	23	24	24	25	25	25
Pangasinan	42	42	43	42	42	43	43	44	44	46
Cagayan Valley	221	217	188	197	196	221	220	217	219	226
Batanes	..	..	..	..	0	0	0	0	0	0
Cagayan	65	58	48	52	55	62	61	58	58	61
Isabela	69	72	60	65	62	79	81	81	80	79
Nueva Vizcaya	43	43	44	44	45	44	44	44	47	51
Quirino	44	44	36	36	34	36	34	34	34	35
Central Luzon	114	119	124	121	116	115	119	142	135	153
Aurora	15	15	16	15	15	15	15	16	14	14
Bataan	24	24	24	22	21	20	19	18	18	18
Bulacan	40	45	49	49	45	45	50	72	69	71
Nueva Ecija	20	20	20	20	20	20	20	21	19	19
Pampanga	..	..	..	..	..	..	..	..	..	15
Tarlac	15	15	15	15	15	15	15	15	15	16
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	734	730	664	690	683	681	676	643	643	513
Batangas	42	41	42	55	54	53	47	38	36	37
Cavite	28	28	22	23	20	18	18	18	20	19
Laguna	19	19	19	30	31	31	32	29	29	39
Quezon	617	614	549	549	545	545	545	525	525	387
Rizal	28	28	32	33	33	34	34	33	33	31
MIMAROPA	278	286	285	292	297	299	303	300	293	309
Marinduque	14	14	13	12	12	12	12	12	12	11
Occidental Mindoro	187	191	188	193	198	200	203	206	200	204
Oriental Mindoro	28	29	30	31	32	32	33	28	26	36
Palawan	42	45	47	48	48	48	48	47	47	48
Romblon	7	7	7	7	8	7	7	7	8	10
Bicol Region	987	934	924	893	813	771	676	680	645	636
Albay	705	650	640	610	525	485	390	390	370	360
Camarines Norte	52	52	52	51	49	48	48	46	46	47
Camarines Sur	149	150	149	150	151	151	151	152	146	146
Catanduanes	23	23	23	23	23	23	23	28	27	27
Masbate	6	7	8	8	12	12	12	12	12	12
Sorsogon	52	52	52	51	53	52	52	52	44	44
Western Visayas	650	643	634	637	641	618	602	587	572	555
Aklan	167	167	164	165	165	150	140	139	134	126
Antique	56	62	62	63	62	59	56	56	54	54
Capiz	55	60	59	62	67	67	68	64	63	59
Guimaras	67	60	50	41	38	34	31	27	22	22
Iloilo	144	133	138	145	148	147	146	142	140	133
Negros Occidental	161	161	161	161	161	161	161	159	159	161
Central Visayas	471	477	465	342	322	329	281	272	272	289
Bohol	102	101	100	58	47	40	36	34	34	37
Cebu	46	47	44	40	36	40	43	45	46	45
Negros Oriental	320	325	318	241	236	245	200	191	191	205
Siquijor	3	4	3	3	3	3	2	2	2	2
Eastern Visayas	609	612	595	585	366	476	430	424	408	396
Biliran	5	5	4	4	3	4	4	8	7	7
Eastern Samar	9	10	10	10	10	10	12	13	12	11
Leyte	153	166	163	164	168	146	135	137	132	128
Northern Samar	6	6	6	7	7	7	7	6	6	6
Southern Leyte	246	250	252	258	62	210	203	196	188	180
Samar (Western Sama	190	175	160	142	115	99	69	65	62	64
Zamboanga Peninsula	689	696	693	699	720	702	694	672	584	577
Zamboanga del Norte	521	519	509	503	500	491	489	480	395	390
Zamboanga del Sur	45	47	53	59	64	67	68	68	74	75
Zamboanga Sibugay	30	37	39	46	63	54	51	46	40	42
Zamboanga City	93	93	92	91	93	91	86	78	75	70
Northern Mindanao	440	388	385	389	405	409	403	395	402	413
Bukidnon	110	98	95	80	80	78	74	69	71	75
Camiguin	13	11	11	11	12	12	12	12	12	13
Lanao del Norte	47	47	49	62	73	75	76	75	80	80
Misamis Occidental	110	112	113	115	115	113	114	114	113	115
Misamis Oriental	160	120	117	121	125	131	127	125	126	131
Davao Region	1,119	1,125	1,128	1,143	1,141	1,160	1,123	1,064	948	1,058
Davao del Norte	570	573	573	577	578	579	544	492	488	498
Davao del Sur	172	172	172	172	172	169	165	156	149	151
Davao Oriental	75	75	74	74	74	74	78	78	74	74
Compostela Valley	124	127	127	129	124	140	140	140	140	137
Davao City	178	178	182	191	193	198	196	198	97	198
SOCCSKSARGEN	289	293	294	292	294	297	301	299	277	273
North Cotabato	139	143	148	152	156	158	160	160	149	147
Sarangani	24	24	24	25	24	24	24	24	21	21
South Cotabato	75	75	71	64	62	63	66	63	57	54
Sultan Kudarat	51	51	51	51	52	52	52	52	50	50
Caraga	414	409	376	352	356	334	331	398	385	438
Agusan del Norte	47	40	38	38	40	41	36	30	29	30
Agusan del Sur	253	256	248	236	260	237	243	318	306	358
Dinagat Islands	..	..	..	..	..	2	2	2	2	1
Surigao del Norte	78	78	55	44	21	18	14	12	11	11
Surigao del Sur	36	35	35	35	35	36	36	36	37	38
ARMM	331	329	333	409	444	458	472	469	468	471
Basilan	12	13	13	13	13	13	12	12	12	12
Lanao del Sur	2	2	2	2	2	2	3	3	3	3
Maguindanao	303	299	303	380	415	430	445	442	441	444
Sulu	10	8	8	8	8	7	6	6	6	6
Tawi-tawi	4	7	7	6	6	6	6	6	6	6

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Lettuce										
Philippines	440	451	466	482	501	543	512	484	482	494
CAR	151	149	160	159	165	168	167	157	162	161
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	132	131	143	143	148	148	145	136	138	141
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	19	18	17	16	17	20	22	21	24	20
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	0	1	4	3	3	3	3
Batanes	..	..	..	..	0	0	0	0	0	0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	0	1	3	2	2	1	1
Nueva Vizcaya	..	..	..	..	..	1	1	1	1	2
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	1	0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0	0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	1	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	13	12	13	13	16	20	21	26	27	31
Batangas	2	1	1	1	1	0	0	2	2	1
Cavite	10	10	11	11	13	14	14	16	15	19
Laguna	1	1	1	1	2	6	7	8	10	11
Quezon	0	0	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	2	2	2	2	2
Marinduque	..	..	..	..	..	2	2	2	2	2
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	4	3	4	6	6	7	7	9	9	9
Aklan	0	0	1	1	0	0	0	0	0	0
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	0	0	0	0
Iloilo	3	3	3	5	6	7	7	9	9	9
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	78	85	96	106	111	142	114	116	105	105
Bohol	..	..	1	1	1	1	1	1	1	1
Cebu	28	29	25	29	30	30	25	32	30	30
Negros Oriental	50	56	70	76	80	111	88	83	74	74
Siquijor	..	..	0	..	0	0	0	0	0	0
Eastern Visayas	2	3	4	4	4	1	1	1	2	3
Biliran	..	..	..	..	..	..	..	..	..	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	0	1	2	2	2	1	1	1	2	2
Northern Samar	2	2	2	2	2	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	4	4	4	5	6	5	5	4	4	4
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	4	4	4	5	6	5	5	4	4	4
Northern Mindanao	166	172	164	168	167	167	164	138	142	147
Bukidnon	160	168	162	165	163	162	158	133	137	143
Camiguin	0	0	0	1	0	0	0	0	0	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	0
Misamis Oriental	6	4	2	2	4	5	6	5	5	5
Davao Region	4	4	4	4	4	4	4	4	8	11
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	8	11
SOCCSKSARGEN	18	18	17	18	20	21	23	23	18	18
North Cotabato	17	18	17	18	20	21	23	22	18	18
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	1	1	1	0	0	0	0	0	0	0
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	0	0	0	..	0	..	0	0
Agusan del Norte	..	..	0	0	0	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	0	..	0	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	0
Surigao del Sur	..	..	..	..	..	..	..	..	..	0
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mongo										
Philippines	39,923	38,658	40,080	45,283	44,351	43,589	42,978	41,450	41,349	41,933
CAR	172	172	168	184	183	172	167	163	157	135
Abra	..	..	..	15	15	15	15	15	15	15
Apayao	8	8	6	7	7	7	8	8	9	7
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	77	77	76	76	76	76	72	67	59	52
Kalinga	44	43	43	43	43	44	44	45	47	34
Mountain Province	43	44	43	43	42	30	28	28	27	27
Ilocos Region	10,628	10,610	10,489	10,264	10,137	9,994	9,921	9,858	9,837	9,601
Ilocos Norte	5,337	5,347	5,362	5,152	5,038	4,895	4,810	4,740	4,702	4,671
Ilocos Sur	707	704	704	704	704	703	704	706	707	705
La Union	254	250	206	205	207	211	219	224	218	219
Pangasinan	4,330	4,310	4,218	4,203	4,188	4,185	4,188	4,188	4,210	4,006
Cagayan Valley	8,493	7,674	9,687	15,580	14,643	14,032	13,591	13,667	13,997	13,853
Batanes	..	..	..	..	4	5	4	2	2	2
Cagayan	1,595	1,302	1,130	1,191	1,164	1,173	1,194	1,093	1,162	1,190
Isabela	6,869	6,342	8,529	14,362	13,451	12,835	12,304	12,431	12,652	12,472
Nueva Vizcaya	1	1	..	1	2	2	75	123	160	171
Quirino	28	29	28	26	22	18	14	18	21	18
Central Luzon	3,080	3,088	3,057	3,364	3,723	4,224	4,414	4,594	4,614	5,812
Aurora	..	..	..	..	..	..	..	..	..	1
Bataan	20	20	20	20	20	20	21	21	20	20
Bulacan	22	19	16	21	20	22	23	51	71	36
Nueva Ecija	141	143	140	140	138	137	137	135	135	134
Pampanga	112	112	113	44	50	51	45	45	45	45
Tarlac	2,702	2,708	2,685	3,050	3,400	3,898	4,087	4,237	4,237	5,463
Zambales	83	86	83	89	95	96	101	105	106	113
CALABARZON	210	192	182	176	160	143	138	138	141	138
Batangas	12	10	30	25	13	1	2	3	3	4
Cavite	..	..	9	9	10	11	11	10	9	10
Laguna	30	30	..	0	0	0	0	0	5	0
Quezon	8	8	135	135	130	124	118	118	117	117
Rizal	160	144	8	7	7	7	7	7	7	7
MIMAROPA	821	828	836	865	912	971	966	984	1,148	1,061
Marinduque	75	75	73	71	71	71	70	71	73	66
Occidental Mindoro	615	620	633	661	707	762	748	752	806	808
Oriental Mindoro	11	11	12	13	16	18	36	46	155	77
Palawan	36	38	35	37	38	38	39	40	40	40
Romblon	84	84	84	83	80	82	74	75	74	72
Bicol Region	262	258	254	242	255	244	232	233	224	220
Albay	90	85	78	75	65	55	43	36	31	28
Camarines Norte	1	1	1	1	1	1	1	1	1	1
Camarines Sur	93	93	93	90	90	90	89	82	81	81
Catanduanes	18	18	18	18	18	18	18	34	34	33
Masbate	21	22	23	23	46	46	46	46	46	46
Sorsogon	39	39	41	35	35	34	35	34	31	31
Western Visayas	6,064	5,772	5,345	5,153	5,148	5,210	5,242	5,774	5,258	5,098
Aklan	136	127	136	134	126	130	115	118	119	120
Antique	3,327	3,085	2,763	2,481	2,353	2,403	2,341	2,345	2,368	2,130
Capiz	59	56	62	68	64	66	59	62	63	61
Guimaras	43	45	38	38	39	35	39	41	32	35
Iloilo	1,980	1,940	1,835	1,926	2,060	2,070	2,183	2,700	2,170	2,250
Negros Occidental	519	519	512	506	506	506	505	508	506	502
Central Visayas	1,916	1,844	1,853	1,639	1,460	1,395	1,148	1,060	1,018	1,054
Bohol	146	62	66	54	57	56	54	53	20	46
Cebu	1,149	1,154	1,135	880	705	652	440	392	372	375
Negros Oriental	543	550	576	631	631	622	592	555	576	584
Siquijor	78	78	76	75	67	65	62	60	50	49
Eastern Visayas	435	441	436	435	436	305	255	257	255	246
Biliran	8	7	7	8	7	7	7	7	7	5
Eastern Samar	11	11	11	11	12	12	11	10	9	1
Leyte	367	373	369	370	372	248	202	207	207	207
Northern Samar	5	5	5	5	5	5	5	4	4	4
Southern Leyte	21	22	22	22	22	20	19	19	19	21
Samar (Western Sama	23	23	22	19	17	13	11	10	9	9
Zamboanga Peninsula	373	366	331	298	296	260	246	217	211	207
Zamboanga del Norte	117	125	110	110	116	96	98	73	64	64
Zamboanga del Sur	117	109	101	76	70	70	72	66	68	65
Zamboanga Sibugay	86	83	70	61	56	41	24	31	31	31
Zamboanga City	53	49	50	51	54	53	52	47	48	47
Northern Mindanao	491	502	511	507	501	498	489	501	488	501
Bukidnon	34	38	36	36	34	37	40	40	42	47
Camiguin	3	3	3	3	2	2	1	1	1	1
Lanao del Norte	347	349	358	350	354	342	333	338	331	317
Misamis Occidental	45	50	57	59	59	62	67	73	71	69
Misamis Oriental	62	62	57	59	52	55	48	49	43	67
Davao Region	1,536	1,520	1,507	1,349	1,352	1,355	1,354	1,338	1,350	1,369
Davao del Norte	520	520	515	527	523	524	526	520	527	535
Davao del Sur	694	685	678	662	676	694	697	681	683	693
Davao Oriental	66	63	63	63	62	58	56	56	56	56
Compostela Valley	44	43	42	21	17	7	6	10	10	12
Davao City	212	209	209	76	74	72	69	71	74	74
SOCCSKSARGEN	634	647	638	587	602	602	595	574	554	533
North Cotabato	442	424	408	407	408	404	397	375	375	358
Sarangani	44	48	45	44	46	46	45	49	37	38
South Cotabato	37	44	34	35	47	67	73	69	59	68
Sultan Kudarat	111	132	152	101	102	85	80	81	83	69
Caraga	208	143	185	146	203	182	207	219	235	241
Agusan del Norte	82	25	29	18	24	16	17	15	14	12
Agusan del Sur	65	58	100	78	133	120	146	163	171	178
Dinagat Islands	..	..	..	..	..	1	1	1	1	1
Surigao del Norte	22	23	22	17	13	10	6	4	5	5
Surigao del Sur	39	37	34	33	33	35	36	36	44	46
ARMM	4,602	4,600	4,602	4,495	4,341	4,003	4,014	1,875	1,862	1,863
Basilan	11	10	9	9	9	9	12	12	6	6
Lanao del Sur	31	31	31	31	24	24	22	22	22	23
Maguindanao	4,450	4,450	4,455	4,355	4,210	3,874	3,885	1,748	1,748	1,749
Sulu	105	105	103	96	94	92	91	89	82	82
Tawi-tawi	5	4	4	4	4	4	4	4	4	4

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Okra										
Philippines	3,488	3,555	3,570	3,497	3,570	3,587	3,648	3,693	3,688	3,845
CAR	15	16	16	16	19	21	21	22	19	20
Abra	7	7	7	7	7	7	7	7	7	7
Apayao	1	1	1	1	4	7	8	8	6	7
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	7	8	8	8	8	7	6	7	6	6
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	164	163	169	174	173	178	181	189	201	210
Ilocos Norte	74	74	73	73	74	77	80	83	86	91
Ilocos Sur	15	16	16	16	16	16	16	21	23	23
La Union	33	32	33	33	35	35	35	36	38	38
Pangasinan	42	41	47	52	49	49	50	50	54	58
Cagayan Valley	694	691	630	657	653	657	656	621	588	613
Batanes	..	..	..	..	2	2	2	1	1	1
Cagayan	403	392	337	355	350	362	360	330	307	310
Isabela	201	208	210	210	210	204	204	195	191	193
Nueva Vizcaya	79	77	72	82	80	77	78	83	78	96
Quirino	11	14	11	10	11	12	12	12	12	12
Central Luzon	719	733	743	719	729	749	764	803	820	839
Aurora	40	43	48	49	49	47	48	46	50	50
Bataan	9	9	9	9	9	9	10	10	10	10
Bulacan	95	94	95	99	98	98	100	138	160	166
Nueva Ecija	368	368	367	365	365	366	364	358	342	358
Pampanga	78	78	82	73	76	78	79	79	78	78
Tarlac	80	90	90	70	72	90	100	110	117	114
Zambales	49	51	52	54	60	61	63	62	63	63
CALABARZON	145	138	159	169	172	171	169	181	175	193
Batangas	32	29	31	31	32	34	33	33	33	33
Cavite	28	28	43	43	48	49	49	48	42	42
Laguna	33	30	30	40	37	36	30	42	43	64
Quezon	42	41	45	45	45	42	47	48	47	45
Rizal	10	10	10	10	10	10	10	10	11	10
MIMAROPA	87	91	99	104	109	110	118	119	127	154
Marinduque	12	12	12	12	12	12	14	15	13	13
Occidental Mindoro	14	16	18	18	20	21	23	26	29	32
Oriental Mindoro	9	10	11	11	11	12	15	11	17	39
Palawan	34	36	41	45	47	47	47	48	49	50
Romblon	17	18	18	18	19	19	19	20	20	21
Bicol Region	175	175	176	172	176	176	176	177	175	175
Albay	13	14	14	14	14	16	16	16	16	16
Camarines Norte	19	17	17	15	17	17	17	17	17	17
Camarines Sur	13	13	13	13	13	13	13	13	13	13
Catanduanes	5	5	5	5	5	5	5	6	6	6
Masbate	86	87	90	90	90	90	90	90	89	89
Sorsogon	39	39	37	35	37	35	35	35	34	34
Western Visayas	227	229	231	245	253	241	256	264	182	277
Aklan	11	11	11	11	12	12	12	12	11	13
Antique	17	15	14	15	16	16	16	16	15	15
Capiz	37	38	39	43	44	31	36	38	40	43
Guimaras	12	12	12	12	13	14	14	13	14	15
Iloilo	70	76	76	84	88	89	98	103	102	109
Negros Occidental	80	78	80	80	80	80	80	82	..	82
Central Visayas	249	282	290	209	208	222	240	235	130	252
Bohol	93	123	130	39	41	45	50	48	43	48
Cebu	57	59	60	64	61	66	80	83	85	89
Negros Oriental	96	97	97	102	103	108	108	102	..	113
Siquijor	3	3	3	4	3	3	2	2	2	2
Eastern Visayas	148	153	154	155	157	144	142	148	149	145
Biliran	5	5	5	6	6	5	4	4	4	4
Eastern Samar	6	6	6	6	6	6	9	10	10	11
Leyte	122	126	127	126	127	113	110	112	113	109
Northern Samar	4	4	4	4	4	4	4	6	6	6
Southern Leyte	3	3	3	3	3	3	3	3	3	3
Samar (Western Sama	9	9	9	11	12	13	13	13	13	13
Zamboanga Peninsula	126	133	139	146	152	134	126	120	121	121
Zamboanga del Norte	26	26	27	28	28	24	24	22	20	21
Zamboanga del Sur	38	42	44	46	47	47	51	49	51	52
Zamboanga Sibugay	29	31	33	39	42	27	15	15	16	15
Zamboanga City	33	34	35	33	35	36	36	34	34	33
Northern Mindanao	310	299	308	309	324	338	341	335	334	345
Bukidnon	32	36	34	37	43	47	43	38	39	42
Camiguin	7	5	6	6	6	6	6	6	6	6
Lanao del Norte	208	195	200	193	195	198	198	195	197	199
Misamis Occidental	35	36	42	42	44	46	47	50	50	52
Misamis Oriental	28	27	26	31	36	41	47	46	42	47
Davao Region	165	184	190	183	197	213	215	223	229	241
Davao del Norte	42	46	49	51	54	53	53	58	57	56
Davao del Sur	27	32	34	35	35	35	31	29	30	30
Davao Oriental	21	23	23	23	23	24	27	30	30	30
Compostela Valley	27	35	36	34	35	50	53	55	52	55
Davao City	48	48	48	40	50	51	51	51	60	70
SOCCSKSARGEN	106	109	108	111	112	115	119	121	121	119
North Cotabato	45	47	51	53	54	56	58	59	61	58
Sarangani	30	30	26	26	27	25	25	25	23	23
South Cotabato	13	13	14	14	14	16	19	19	19	20
Sultan Kudarat	18	19	17	18	18	18	18	17	18	18
Caraga	141	142	139	106	115	99	102	116	113	119
Agusan del Norte	21	20	17	17	18	20	22	23	25	28
Agusan del Sur	42	46	41	37	46	49	55	66	61	62
Dinagat Islands	..	..	..	..	..	3	3	4	3	3
Surigao del Norte	20	20	23	12	10	7	4	5	5	6
Surigao del Sur	58	56	58	41	41	20	18	18	19	21
ARMM	17	18	19	22	22	20	22	20	20	21
Basilan	4	5	5	5	5	5	5	5	5	5
Lanao del Sur	4	4	4	5	5	2	2	2	2	2
Maguindanao	9	9	10	12	12	12	14	12	12	13
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	0	0	0	0	0	1	1	1	1	1

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Onion										
Philippines	14,579	14,526	15,169	14,641	15,012	15,437	15,844	14,861	12,988	18,259
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	4,837	4,618	4,689	4,753	4,725	4,622	4,588	4,601	4,401	4,479
Ilocos Norte	2,190	2,174	2,174	2,254	2,262	2,214	2,164	2,145	2,132	2,137
Ilocos Sur	1,694	1,651	1,706	1,703	1,673	1,624	1,639	1,662	1,520	1,573
La Union	4	5	5	4	4	3	3	11	17	18
Pangasinan	949	789	805	793	787	782	782	783	732	752
Cagayan Valley	369	334	383	477	599	648	660	609	669	711
Batanes	..	..	..	..	21	21	22	22	19	22
Cagayan	10	12	11	11	11	11	10	9	8	6
Isabela	14	12	12	6	5	4	4	6	4	3
Nueva Vizcaya	345	310	360	460	562	612	623	572	637	680
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	7,667	7,973	8,195	8,178	8,126	8,171	8,522	7,407	6,105	10,706
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	7,661	7,966	8,170	8,170	8,120	8,161	8,511	7,396	6,094	10,695
Pampanga	2	2	1	1	1	1	1	1	1	1
Tarlac	..	..	19	2	..	4	5	5	5	5
Zambales	4	5	5	5	5	5	5	5	5	5
CALABARZON	35	35	38	78	73	92	89	45	36	30
Batangas	8	8	8	50	46	64	61	23	21	15
Cavite	27	27	30	28	27	28	28	22	15	15
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1,602	1,502	1,806	1,106	1,406	1,832	1,920	2,117	1,696	2,246
Marinduque	1	1	1	1	1	1	1	1	1	1
Occidental Mindoro	1,600	1,500	1,800	1,100	1,400	1,825	1,913	1,950	1,502	1,920
Oriental Mindoro	..	..	5	5	5	6	7	166	194	325
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	1	1	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	48	44	42	39	70	58	51	67	65	70
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	48	44	42	39	70	58	51	67	65	70
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	0	0	1	1	3	3	5	9
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	2	3	5	9
Siquijor	..	..	0	0	1	1	2	0	0	0
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	18	18	13	5	3	3	3	3	3	2
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	4	4	3	3	3	3	3	3	3	2
Zamboanga Sibugay	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	3	3	4	4	9	9	9	8	8	5
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	3	3	4	4	9	9	9	8	8	5
Sultan Kudarat	0	0	0	0	0	0	0	0	..	..
Caraga	..	..	..	..	..	..	..	1	..	0
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	1	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	0
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Peanut										
Philippines	27,726	28,235	27,123	26,902	26,110	25,602	25,048	24,580	23,522	23,774
CAR	254	253	254	252	249	250	239	229	224	212
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	6	6	5	5	5	5	5	5	5	4
Benguet	22	22	26	26	24	24	23	23	23	23
Ifugao	96	94	92	92	92	92	92	92	92	92
Kalinga	25	25	25	25	17	18	15	14	11	10
Mountain Province	105	106	106	104	111	111	104	95	94	83
Ilocos Region	7,641	7,660	7,808	7,593	7,515	7,421	7,439	7,508	7,356	7,361
Ilocos Norte	1,094	1,088	1,093	1,093	1,104	1,114	1,118	1,129	1,130	1,140
Ilocos Sur	1,113	1,132	1,135	1,135	1,135	1,170	1,191	1,209	1,210	1,215
La Union	2,135	2,128	2,079	2,099	2,008	2,005	1,997	2,040	1,982	1,976
Pangasinan	3,299	3,312	3,501	3,265	3,268	3,131	3,133	3,130	3,034	3,030
Cagayan Valley	3,351	3,690	3,159	3,780	3,516	3,508	3,439	3,171	2,613	2,548
Batanes	..	..	..	..	2	2	2	1	1	0
Cagayan	1,634	1,640	1,551	1,605	1,607	1,593	1,571	1,570	1,021	1,025
Isabela	1,072	1,455	1,071	1,647	1,412	1,426	1,402	1,142	1,109	1,126
Nueva Vizcaya	597	547	492	480	451	446	424	421	440	356
Quirino	48	48	45	48	44	41	40	37	42	40
Central Luzon	1,419	1,419	1,403	1,285	1,267	1,283	1,275	1,202	1,204	1,211
Aurora	610	605	603	605	581	597	604	558	561	572
Bataan	61	61	61	61	58	54	42	41	40	40
Bulacan	31	35	32	34	35	36	36	37	34	35
Nueva Ecija	62	62	62	61	60	58	56	54	55	55
Pampanga	261	261	256	134	141	145	139	139	139	139
Tarlac	381	381	376	376	376	376	381	356	356	351
Zambales	13	14	13	14	16	17	17	17	20	20
CALABARZON	980	982	849	804	584	543	497	487	488	482
Batangas	338	337	337	287	94	55	30	27	26	26
Cavite	279	279	164	169	143	144	131	131	123	120
Laguna	2	6	4	6	7	10	9	5	6	7
Quezon	294	293	278	286	284	278	271	268	269	264
Rizal	67	67	66	56	56	56	56	56	64	65
MIMAROPA	1,176	1,183	1,173	1,182	1,177	1,155	1,156	1,165	1,255	1,248
Marinduque	132	133	131	129	129	129	122	122	129	135
Occidental Mindoro	425	430	435	442	448	424	430	433	442	452
Oriental Mindoro	3	3	9	10	11	12	14	15	89	63
Palawan	569	570	550	552	540	540	540	543	543	545
Romblon	47	48	48	49	49	50	51	52	52	53
Bicol Region	1,379	1,374	1,367	1,338	1,332	1,276	1,214	1,214	1,203	1,182
Albay	837	835	833	820	815	760	700	640	640	640
Camarines Norte	26	22	22	21	22	22	22	22	22	22
Camarines Sur	316	316	308	297	295	295	293	293	294	279
Catanduanes	84	84	84	84	84	84	84	144	138	132
Masbate	57	58	59	59	59	59	59	59	59	59
Sorsogon	59	59	61	57	57	56	56	56	50	50
Western Visayas	3,390	3,474	3,314	3,337	3,349	3,377	3,387	3,409	3,157	3,227
Aklan	74	67	67	69	75	75	69	65	60	61
Antique	753	760	671	623	590	596	585	585	580	582
Capiz	76	83	87	86	89	93	91	90	89	92
Guimaras	14	15	13	15	17	17	17	17	14	15
Iloilo	1,830	1,908	1,840	1,905	1,939	1,958	1,986	2,000	1,760	1,823
Negros Occidental	643	641	636	639	639	639	639	652	654	654
Central Visayas	1,699	1,757	1,553	1,477	1,419	1,349	1,221	1,183	1,047	1,291
Bohol	571	583	395	393	363	360	360	355	204	352
Cebu	509	513	501	476	475	467	345	333	330	321
Negros Oriental	389	428	434	396	386	341	339	317	359	459
Siquijor	230	233	223	212	195	182	177	178	154	159
Eastern Visayas	868	874	869	869	849	807	690	688	683	648
Biliran	17	16	16	20	20	19	18	18	18	13
Eastern Samar	49	49	49	49	49	44	33	30	32	1
Leyte	494	498	496	499	479	458	356	361	360	360
Northern Samar	37	37	37	36	36	36	37	36	34	34
Southern Leyte	215	217	217	215	216	211	211	212	212	214
Samar (Western Sama	56	56	54	50	49	39	35	31	27	26
Zamboanga Peninsula	1,047	1,061	940	899	843	718	692	618	618	611
Zamboanga del Norte	157	156	152	149	157	139	141	85	83	81
Zamboanga del Sur	501	507	502	490	469	471	472	473	475	473
Zamboanga Sibugay	315	327	219	193	150	48	23	20	20	20
Zamboanga City	74	71	67	67	67	60	56	40	40	37
Northern Mindanao	1,985	2,048	2,047	1,967	1,924	1,843	1,787	1,717	1,736	1,770
Bukidnon	420	427	415	425	425	426	430	392	406	430
Camiguin	9	9	9	9	8	8	7	7	7	7
Lanao del Norte	1,506	1,560	1,571	1,480	1,440	1,360	1,305	1,275	1,278	1,279
Misamis Occidental	23	27	33	36	37	32	31	30	29	30
Misamis Oriental	27	25	19	17	14	17	14	13	16	24
Davao Region	802	818	733	522	501	515	517	529	513	522
Davao del Norte	85	90	91	95	99	100	103	106	106	105
Davao del Sur	145	152	148	142	135	138	140	146	148	153
Davao Oriental	52	50	49	49	45	43	43	43	41	41
Compostela Valley	117	126	127	116	105	116	113	116	112	114
Davao City	403	400	318	120	117	118	118	118	106	110
SOCCSKSARGEN	504	543	525	532	544	536	539	511	479	505
North Cotabato	257	248	251	247	247	250	251	244	243	220
Sarangani	36	36	29	29	30	31	30	22	17	18
South Cotabato	24	28	30	28	30	34	37	36	45	48
Sultan Kudarat	187	231	215	228	237	222	221	210	174	219
Caraga	233	105	138	105	113	119	137	148	148	158
Agusan del Norte	134	23	25	18	19	15	17	15	15	13
Agusan del Sur	39	24	60	41	51	61	77	90	87	99
Dinagat Islands	..	..	..	..	..	1	0	0	0	0
Surigao del Norte	20	21	16	10	7	4	4	3	3	3
Surigao del Sur	40	37	37	36	36	38	39	39	43	43
ARMM	999	994	991	961	928	903	821	801	798	798
Basilan	38	38	37	37	37	37	34	34	34	34
Lanao del Sur	452	452	452	452	440	430	430	430	430	431
Maguindanao	175	175	176	146	130	120	127	110	110	110
Sulu	241	239	238	239	236	233	170	168	166	166
Tawi-tawi	93	90	88	87	85	83	60	59	58	58

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pechay Chinese										
Philippines	3,728	3,736	3,735	3,742	3,759	3,775	3,697	3,625	3,601	3,554
CAR	2,878	2,827	2,819	2,791	2,791	2,786	2,787	2,770	2,749	2,685
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	0
Benguet	2,550	2,537	2,584	2,584	2,584	2,579	2,580	2,572	2,561	2,500
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	2	2	2	2	2	1	..	..	..	..
Mountain Province	326	288	233	205	205	206	207	198	188	185
Ilocos Region	1	0	0	0	0	0	0	0	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1	0	0	0	0	0	0	0	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	27	24	23	26	31	27	27	21	27	32
Batanes	..	..	..	..	..	..	..	0	0	0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	27	24	23	26	31	27	27	21	27	32
Quirino	..	..	..	..	..	..	..	..	..	0
Central Luzon	..	..	..	..	..	..	..	..	0	0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0	0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	33	36	36	34	35	35	31	31	30	28
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	17	18	17	16	17	17	13	13	12	12
Quezon	16	18	19	18	18	18	18	18	18	16
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	..	..	..	..	..	..	..	..	..	..
Central Visayas	457	469	479	496	487	474	380	348	348	351
Bohol	3	4	5	4	3	2	1	0	1	1
Cebu	440	449	454	474	463	456	365	335	331	333
Negros Oriental	14	16	20	18	21	16	15	12	16	17
Siquijor	..	..	..	..	..	..	0	0	..	..
Eastern Visayas	2	2	2	2	2	2	2	2	2	1
Biliran	2	2	2	2	2	2	2	2	2	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	11	10	9	10	11	12	12	12	11	11
Zamboanga del Norte	7	6	5	6	7	7	7	6	6	6
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	4	4	4	4	5	5	5	6	5	5
Northern Mindanao	176	209	208	228	240	274	294	279	279	287
Bukidnon	140	170	169	185	193	232	236	223	231	240
Camiguin	0	0	0	..	0	0	0	0	0	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	5	6	7	8	9	9	9	10	9	8
Misamis Oriental	31	33	32	35	38	33	49	46	39	39
Davao Region	83	95	99	97	99	99	95	100	98	100
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	70	81	85	85	87	87	84	88	85	87
Davao Oriental	2	2	2	2	1	..	..	..	..	..
Compostela Valley	5	6	6	4	3	4	3	4	4	3
Davao City	6	6	6	6	8	8	8	8	9	10
SOCCSKSARGEN	61	62	60	59	64	67	69	62	58	61
North Cotabato	49	51	50	50	52	53	55	49	46	47
Sarangani	6	5	5	4	3	3	3	2	2	1
South Cotabato	6	6	5	5	8	11	11	11	10	12
Sultan Kudarat	..	..	..	..	1	1	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	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pechay Native										
Philippines	7,185	7,194	7,097	7,079	7,122	7,108	7,103	7,132	7,156	7,215
CAR	564	560	536	529	530	526	523	507	501	468
Abra	11	11	11	11	11	11	11	11	11	11
Apayao	1	2	2	2	2	3	3	3	2	2
Benguet	476	472	447	440	442	437	435	422	419	386
Ifugao	23	23	22	23	24	24	24	24	25	24
Kalinga	21	21	21	21	20	21	22	22	22	21
Mountain Province	32	31	32	32	31	30	28	25	23	24
Ilocos Region	474	465	452	452	456	451	456	462	466	482
Ilocos Norte	87	91	91	91	93	95	100	104	106	110
Ilocos Sur	19	21	21	21	21	21	21	22	23	23
La Union	21	21	20	21	22	22	23	22	23	24
Pangasinan	347	332	320	319	321	312	313	314	314	325
Cagayan Valley	975	917	858	857	863	867	883	878	881	905
Batanes	..	..	..	..	6	5	6	4	5	5
Cagayan	520	442	418	419	412	418	430	430	439	449
Isabela	290	310	281	296	302	308	305	308	308	305
Nueva Vizcaya	153	152	147	130	133	127	128	121	115	131
Quirino	12	13	12	12	10	10	14	15	15	15
Central Luzon	333	340	310	348	355	362	352	392	387	392
Aurora	27	28	30	31	33	32	32	28	25	25
Bataan	5	7	7	7	7	7	7	7	7	7
Bulacan	58	56	62	62	64	69	75	120	115	117
Nueva Ecija	88	90	56	91	91	91	88	88	87	90
Pampanga	45	45	47	45	46	48	45	45	45	45
Tarlac	72	72	65	65	65	65	55	55	58	58
Zambales	38	42	43	47	49	50	50	50	50	50
CALABARZON	746	748	766	780	791	791	791	801	811	810
Batangas	50	48	48	49	46	41	43	44	42	42
Cavite	38	38	44	44	59	58	60	60	60	59
Laguna	85	88	88	91	90	85	79	86	97	102
Quezon	505	506	518	525	525	536	538	540	542	536
Rizal	68	68	68	71	71	71	71	71	70	72
MIMAROPA	175	181	190	192	197	203	207	211	227	277
Marinduque	23	23	22	22	22	22	22	22	23	24
Occidental Mindoro	20	22	26	30	32	37	39	41	40	44
Oriental Mindoro	23	23	25	26	26	30	33	34	49	90
Palawan	95	99	103	100	102	98	98	99	101	102
Romblon	14	14	14	15	15	15	15	16	16	18
Bicol Region	2,253	2,252	2,258	2,248	2,239	2,240	2,238	2,246	2,251	2,207
Albay	567	567	567	562	549	549	549	549	555	555
Camarines Norte	50	46	46	46	48	49	49	48	48	49
Camarines Sur	1,518	1,520	1,521	1,516	1,517	1,517	1,515	1,518	1,519	1,504
Catanduanes	22	22	22	22	22	22	22	28	27	27
Masbate	89	90	93	93	93	93	93	93	93	63
Sorsogon	7	7	9	9	10	10	10	10	9	10
Western Visayas	248	254	256	264	264	249	260	262	173	272
Aklan	42	44	44	44	42	34	38	34	29	29
Antique	22	22	23	23	25	25	26	27	28	28
Capiz	37	34	33	37	34	28	30	33	33	37
Guimaras	9	9	7	6	7	8	8	9	9	11
Iloilo	52	56	58	62	62	61	65	66	74	74
Negros Occidental	86	90	92	92	94	92	93	93	..	93
Central Visayas	239	286	296	220	229	214	196	173	121	177
Bohol	135	180	194	134	136	142	119	105	97	105
Cebu	13	15	15	16	18	20	22	23	22	23
Negros Oriental	88	88	84	67	72	50	53	43	..	48
Siquijor	3	3	3	3	3	2	2	2	2	2
Eastern Visayas	171	167	167	166	170	158	148	153	153	147
Biliran	22	22	23	21	21	20	18	18	18	14
Eastern Samar	13	13	13	13	14	14	15	16	15	14
Leyte	92	87	86	87	90	79	70	73	73	72
Northern Samar	3	3	3	3	3	3	3	4	5	5
Southern Leyte	21	22	22	23	22	22	22	23	23	24
Samar (Western Sama	20	20	20	19	20	21	21	20	20	19
Zamboanga Peninsula	255	259	254	262	253	247	238	241	239	239
Zamboanga del Norte	42	44	42	46	46	41	41	39	31	33
Zamboanga del Sur	33	32	32	33	33	33	34	37	41	40
Zamboanga Sibugay	14	17	17	20	23	20	18	20	19	19
Zamboanga City	166	166	163	163	152	153	145	146	148	147
Northern Mindanao	178	192	195	200	207	212	212	212	214	214
Bukidnon	33	35	34	35	36	36	33	33	34	36
Camiguin	10	9	8	9	9	9	9	10	9	10
Lanao del Norte	73	81	84	85	86	89	91	90	94	93
Misamis Occidental	27	29	32	33	35	37	38	40	42	44
Misamis Oriental	35	38	37	38	41	42	41	39	35	32
Davao Region	194	202	206	209	216	231	245	256	250	255
Davao del Norte	54	52	51	53	51	50	54	64	61	61
Davao del Sur	51	59	61	61	64	64	68	69	70	68
Davao Oriental	43	43	43	44	46	46	49	49	45	45
Compostela Valley	27	29	30	28	30	44	46	46	45	46
Davao City	19	19	21	23	25	27	28	28	29	35
SOCCSKSARGEN	138	141	131	128	126	128	131	119	108	109
North Cotabato	82	84	82	82	85	85	89	81	72	72
Sarangani	28	28	24	20	18	15	14	11	8	9
South Cotabato	20	21	17	17	14	18	19	18	19	20
Sultan Kudarat	8	9	9	9	9	9	9	9	8	8
Caraga	148	135	128	125	128	131	127	129	143	168
Agusan del Norte	40	32	28	34	33	22	22	19	20	21
Agusan del Sur	60	58	53	50	54	58	62	63	76	95
Dinagat Islands	..	..	..	..	..	1	1	1	1	1
Surigao del Norte	16	15	15	11	10	17	10	14	13	13
Surigao del Sur	32	30	32	30	31	33	32	32	33	38
ARMM	95	96	95	99	98	98	98	91	92	93
Basilan	8	9	9	9	9	9	9	9	9	9
Lanao del Sur	26	26	26	26	24	24	23	23	23	23
Maguindanao	15	15	15	14	12	12	13	8	8	8
Sulu	39	38	37	42	44	44	44	43	43	44
Tawi-tawi	7	8	8	8	9	9	9	9	9	9

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Radish										
Philippines	1,375	1,369	1,375	1,352	1,350	1,357	1,349	1,355	1,330	1,311
CAR	131	130	135	133	130	128	132	128	125	130
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	120	120	125	123	120	118	123	120	118	123
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	11	10	10	10	10	10	9	8	7	7
Ilocos Region	17	17	15	13	12	10	10	10	9	9
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	3	3	3	2	2	3	3	3	3	3
La Union	1	1	1	1	1	1	1	1	1	1
Pangasinan	13	12	12	9	8	7	7	6	6	5
Cagayan Valley	33	28	35	25	22	23	22	21	22	21
Batanes	..	..	..	..	0	0	0	0	0	0
Cagayan	7	7	6	7	7	7	7	7	8	8
Isabela	13	11	11	5	4	4	3	3	3	3
Nueva Vizcaya	13	10	18	14	11	12	12	11	11	10
Quirino	..	..	..	..	..	..	..	..	..	1
Central Luzon	84	87	85	86	88	90	83	81	78	78
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	2	2	2	1	1	1	1	1	1	1
Bulacan	12	12	14	15	15	16	16	17	17	17
Nueva Ecija	34	34	33	32	31	31	31	29	23	23
Pampanga	18	18	15	16	20	20	17	17	17	17
Tarlac	8	8	8	8	8	8	4	3	6	6
Zambales	10	13	13	14	14	14	14	14	14	14
CALABARZON	308	295	308	292	283	271	257	257	265	238
Batangas	26	26	27	24	21	11	7	7	7	7
Cavite	26	35	46	43	34	35	34	33	34	33
Laguna	168	140	142	133	134	129	120	119	125	103
Quezon	69	72	73	72	74	76	76	78	78	76
Rizal	19	22	20	20	20	20	20	20	21	19
MIMAROPA	33	40	44	50	51	52	56	57	59	64
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	7	8	10	12	13	14	15	18	19	18
Oriental Mindoro	1	1	1	1	1	1	1	2	2	7
Palawan	15	20	22	26	26	26	28	26	27	28
Romblon	10	10	10	11	11	11	11	11	12	12
Bicol Region	63	62	59	59	59	61	61	60	61	62
Albay	21	21	20	20	19	21	21	20	22	22
Camarines Norte	3	2	2	2	2	2	2	2	2	2
Camarines Sur	25	25	24	24	24	24	24	23	23	24
Catanduanes	3	3	3	3	3	3	3	4	4	4
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	11	11	10	10	11	11	11	11	10	10
Western Visayas	144	147	136	140	138	132	140	139	137	141
Aklan	11	10	10	10	10	10	11	11	11	10
Antique	6	7	8	9	10	10	12	12	13	15
Capiz	6	8	9	11	11	12	15	15	14	14
Guimaras	5	5	5	4	4	4	4	2	2	2
Iloilo	48	52	53	54	51	45	46	47	45	48
Negros Occidental	68	65	52	52	52	52	52	52	52	52
Central Visayas	57	61	61	52	57	72	84	96	94	92
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	40	40	40	31	34	33	34	34	31	29
Negros Oriental	17	21	21	21	23	39	50	62	63	63
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	4	5	5	5	5	7	7	7	7	6
Biliran	1	2	1	1	1	2	2	2	2	1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	3	3	3	4	4	5	5	5	5	5
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	85	86	85	92	100	94	72	69	67	63
Zamboanga del Norte	3	4	5	6	6	7	7	7	6	6
Zamboanga del Sur	13	13	14	14	16	16	17	17	18	17
Zamboanga Sibugay	12	13	11	10	10	7	6	6	6	6
Zamboanga City	57	56	55	62	68	64	42	40	37	34
Northern Mindanao	42	31	27	29	30	34	37	31	26	23
Bukidnon	14	8	7	7	5	4	5	4	4	5
Camiguin	..	..	..	..	..	..	0	..	0	0
Lanao del Norte	22	17	15	14	16	18	18	14	10	9
Misamis Occidental	3	3	4	4	7	8	8	8	7	5
Misamis Oriental	3	3	1	4	2	4	6	5	5	5
Davao Region	213	219	225	231	226	236	242	246	240	238
Davao del Norte	18	16	17	16	14	13	15	14	13	14
Davao del Sur	22	22	23	23	24	21	21	22	22	22
Davao Oriental	8	8	8	8	8	8	10	10	11	11
Compostela Valley	139	147	150	145	138	150	152	155	152	147
Davao City	26	26	27	39	42	44	44	45	42	44
SOCCSKSARGEN	101	107	109	110	112	109	111	110	99	105
North Cotabato	44	48	50	51	54	54	56	55	47	46
Sarangani	23	23	22	21	22	18	17	17	15	16
South Cotabato	13	13	13	13	11	11	12	11	11	11
Sultan Kudarat	21	23	25	26	26	27	27	27	26	32
Caraga	19	13	12	7	7	5	5	6	3	2
Agusan del Norte	9	7	5	3	3	2	1	2	2	1
Agusan del Sur	4	2	3	3	3	3	2	2	0	0
Dinagat Islands	..	..	..	..	..	..	..	..	..	0
Surigao del Norte	3	2	2	0	..	..	..	..	..	..
Surigao del Sur	3	2	2	1	1	1	2	2	1	0
ARMM	42	43	35	30	32	34	31	39	39	39
Basilan	3	4	4	4	4	4	4	4	4	4
Lanao del Sur	5	5	5	5	6	8	4	8	8	8
Maguindanao	25	25	17	12	13	13	14	18	18	18
Sulu	9	9	9	9	9	9	9	9	9	9
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Squash Fruit										
Philippines	13,684	13,565	13,427	12,877	12,873	12,771	12,757	12,829	12,902	13,083
CAR	243	243	247	238	252	272	275	275	252	254
Abra	131	131	131	131	131	131	131	131	122	122
Apayao	11	12	20	13	28	50	54	55	47	47
Benguet	20	20	19	18	18	18	18	17	17	17
Ifugao	23	23	22	22	22	22	23	23	20	20
Kalinga	19	19	19	19	17	15	13	13	12	12
Mountain Province	39	38	36	35	36	36	36	36	35	36
Ilocos Region	1,385	1,330	1,276	1,226	1,219	1,193	1,178	1,173	1,177	1,216
Ilocos Norte	543	536	533	508	493	466	448	436	428	409
Ilocos Sur	85	84	86	89	89	90	91	99	100	114
La Union	248	244	236	237	243	247	248	249	235	238
Pangasinan	510	466	420	391	393	390	391	389	414	455
Cagayan Valley	2,594	2,619	2,459	2,314	2,257	2,164	2,137	2,180	2,188	2,087
Batanes	..	..	..	..	5	4	4	4	3	3
Cagayan	705	608	534	553	553	563	553	496	379	308
Isabela	390	402	326	287	281	280	275	275	254	251
Nueva Vizcaya	1,338	1,448	1,454	1,359	1,308	1,205	1,210	1,310	1,455	1,427
Quirino	161	161	145	115	110	112	95	95	97	97
Central Luzon	1,117	1,095	1,090	1,070	1,080	1,085	1,082	1,112	1,085	1,034
Aurora	52	55	57	59	59	55	61	56	62	63
Bataan	12	12	12	12	12	14	13	13	13	13
Bulacan	40	36	33	33	33	34	35	92	100	103
Nueva Ecija	768	748	756	755	756	760	763	763	722	671
Pampanga	86	86	83	75	78	78	74	74	74	74
Tarlac	90	85	75	60	58	58	48	28	30	27
Zambales	69	73	74	76	83	86	88	86	85	84
CALABARZON	2,009	1,987	1,980	2,007	1,966	1,943	1,914	1,924	1,927	1,926
Batangas	369	354	364	424	394	384	364	366	368	373
Cavite	140	140	137	138	138	137	137	132	133	132
Laguna	220	218	222	221	215	216	205	216	212	212
Quezon	1,261	1,256	1,238	1,205	1,200	1,187	1,189	1,191	1,191	1,186
Rizal	19	19	19	19	19	19	19	19	23	23
MIMAROPA	168	178	190	200	203	211	226	231	262	341
Marinduque	23	25	24	24	24	24	24	25	25	28
Occidental Mindoro	59	62	68	75	75	78	81	83	85	87
Oriental Mindoro	23	23	25	27	22	25	32	33	58	129
Palawan	35	40	44	44	50	51	55	57	58	60
Romblon	28	29	29	30	32	32	34	34	36	37
Bicol Region	1,149	1,111	1,107	1,084	1,089	1,088	1,079	1,102	1,102	1,099
Albay	725	690	675	655	655	655	645	665	665	665
Camarines Norte	122	118	128	128	131	131	132	133	133	126
Camarines Sur	164	164	164	162	162	162	162	164	164	168
Catanduanes	34	34	34	34	34	34	34	34	34	34
Masbate	73	74	76	76	76	76	76	76	76	76
Sorsogon	31	31	30	29	31	30	30	30	30	30
Western Visayas	932	921	937	903	896	854	867	866	888	906
Aklan	48	45	48	47	50	38	35	41	36	37
Antique	41	38	39	35	35	35	36	34	34	39
Capiz	80	86	91	84	84	60	71	71	70	68
Guimaras	18	18	17	17	18	19	22	20	18	20
Iloilo	308	303	312	298	292	284	285	285	315	325
Negros Occidental	437	431	431	421	418	418	418	415	415	417
Central Visayas	841	862	948	795	807	814	841	834	821	821
Bohol	56	62	72	61	67	67	63	62	64	66
Cebu	324	326	324	295	295	306	398	421	408	404
Negros Oriental	435	447	526	411	419	414	355	327	326	329
Siquijor	26	27	26	28	26	27	25	24	23	23
Eastern Visayas	380	385	381	381	393	372	345	350	346	334
Biliran	37	34	33	31	31	29	28	29	29	25
Eastern Samar	76	76	76	76	77	76	68	65	60	55
Leyte	135	142	141	140	146	132	113	120	121	119
Northern Samar	9	9	9	9	15	15	15	14	14	14
Southern Leyte	96	96	96	97	98	98	98	100	100	100
Samar (Western Sama	28	28	26	28	27	22	23	22	21	21
Zamboanga Peninsula	558	559	541	536	542	546	562	554	556	547
Zamboanga del Norte	123	122	115	120	123	118	119	113	112	110
Zamboanga del Sur	107	109	102	88	86	84	84	81	81	82
Zamboanga Sibugay	142	140	134	130	132	141	144	144	143	137
Zamboanga City	186	188	190	198	201	203	215	216	220	218
Northern Mindanao	1,014	1,021	1,024	1,069	1,079	1,106	1,109	1,068	1,081	1,112
Bukidnon	515	530	515	553	555	574	586	547	560	576
Camiguin	7	7	7	6	6	6	6	6	6	6
Lanao del Norte	171	160	164	166	170	174	165	164	172	168
Misamis Occidental	128	139	150	158	167	169	175	178	172	177
Misamis Oriental	193	185	188	186	181	183	177	173	172	185
Davao Region	549	550	562	535	540	556	558	578	569	574
Davao del Norte	159	159	160	158	160	160	157	180	182	183
Davao del Sur	136	121	127	120	122	122	122	115	113	113
Davao Oriental	70	70	70	70	67	62	62	62	58	58
Compostela Valley	100	115	117	112	105	124	127	129	128	122
Davao City	84	85	88	75	86	88	90	92	88	98
SOCCSKSARGEN	191	207	221	212	234	248	266	264	254	294
North Cotabato	59	61	64	67	67	69	77	79	79	71
Sarangani	45	46	44	44	44	44	45	45	37	38
South Cotabato	32	33	38	38	37	39	43	43	44	42
Sultan Kudarat	55	67	75	63	86	96	102	97	94	144
Caraga	406	349	309	166	170	184	187	184	261	403
Agusan del Norte	200	194	195	75	73	91	95	87	90	92
Agusan del Sur	140	94	57	47	51	55	61	64	135	275
Dinagat Islands	..	..	..	..	..	2	2	2	2	2
Surigao del Norte	19	19	19	17	19	12	6	8	8	8
Surigao del Sur	47	42	38	27	27	24	23	23	26	26
ARMM	148	148	155	143	147	137	132	134	132	136
Basilan	12	13	13	13	13	13	13	13	13	13
Lanao del Sur	30	30	30	30	31	22	22	22	22	22
Maguindanao	55	55	62	50	53	53	55	58	58	61
Sulu	29	30	30	30	31	30	30	30	28	29
Tawi-tawi	22	21	21	20	20	19	12	11	11	12

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Stringbeans										
Philippines	14,848	14,832	14,681	14,298	14,205	13,770	13,786	13,808	13,754	13,939
CAR	175	177	174	172	181	187	191	185	174	168
Abra	25	25	25	25	25	25	25	25	25	25
Apayao	7	7	7	6	11	15	20	21	13	13
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	108	108	106	106	106	106	104	96	93	87
Kalinga	29	31	31	31	34	36	37	38	38	38
Mountain Province	6	6	5	4	5	5	5	5	5	5
Ilocos Region	1,274	1,287	1,330	1,338	1,348	1,366	1,369	1,395	1,420	1,435
Ilocos Norte	533	535	544	544	539	542	541	544	547	536
Ilocos Sur	180	178	179	182	182	184	185	195	199	205
La Union	267	285	285	285	298	311	314	324	340	343
Pangasinan	294	289	321	327	329	329	329	332	333	352
Cagayan Valley	2,018	1,936	1,736	1,700	1,763	1,801	1,792	1,773	1,664	1,734
Batanes	..	..	..	..	5	4	5	4	4	3
Cagayan	813	793	682	695	721	748	743	713	650	654
Isabela	289	282	275	295	350	360	358	370	358	353
Nueva Vizcaya	776	721	656	612	595	595	595	594	560	630
Quirino	140	140	123	98	92	94	91	91	92	94
Central Luzon	1,970	1,975	1,967	1,927	1,932	1,913	1,932	1,940	2,038	2,120
Aurora	98	100	102	98	99	99	102	85	86	92
Bataan	38	38	38	38	38	33	31	31	30	30
Bulacan	673	674	672	680	674	647	668	698	800	830
Nueva Ecija	667	666	662	661	661	659	661	660	656	695
Pampanga	285	285	283	243	245	260	252	252	252	252
Tarlac	25	25	25	22	22	22	22	20	20	22
Zambales	184	187	185	185	193	193	196	194	194	199
CALABARZON	1,494	1,487	1,482	1,500	1,535	1,509	1,503	1,493	1,496	1,482
Batangas	106	106	218	238	255	234	234	229	243	243
Cavite	130	132	86	89	106	108	107	107	107	107
Laguna	228	213	136	140	139	134	129	124	125	120
Quezon	105	105	937	938	940	938	938	938	923	917
Rizal	925	931	105	95	95	95	95	95	98	95
MIMAROPA	307	304	317	324	324	328	342	360	365	421
Marinduque	19	19	18	20	20	20	22	23	26	27
Occidental Mindoro	149	148	154	152	151	152	155	162	166	172
Oriental Mindoro	27	27	29	30	31	32	39	46	44	89
Palawan	72	69	73	44	78	78	80	82	83	85
Romblon	40	41	43	78	45	45	46	47	47	48
Bicol Region	1,320	1,314	1,324	1,313	1,328	1,320	1,331	1,335	1,327	1,312
Albay	396	396	401	401	401	395	405	405	410	410
Camarines Norte	112	104	106	104	105	106	107	108	108	107
Camarines Sur	471	472	475	472	474	475	475	477	477	462
Catanduanes	9	9	9	9	9	9	9	12	12	12
Masbate	157	158	160	160	160	160	160	160	160	160
Sorsogon	175	175	173	167	179	175	175	173	160	161
Western Visayas	878	864	863	865	883	849	869	860	841	847
Aklan	54	54	54	54	54	46	48	46	45	48
Antique	78	73	73	72	75	76	78	79	85	89
Capiz	85	81	81	80	75	59	76	78	73	75
Guimaras	52	53	49	51	53	51	53	48	37	36
Iloilo	269	261	260	261	280	276	273	267	254	252
Negros Occidental	340	342	346	346	346	341	341	342	347	347
Central Visayas	1,052	1,078	1,085	1,031	788	388	389	401	395	409
Bohol	138	158	164	106	110	113	110	108	97	106
Cebu	140	144	147	154	147	153	149	155	165	168
Negros Oriental	762	764	764	760	521	114	122	130	126	127
Siquijor	12	12	10	11	10	8	8	8	8	8
Eastern Visayas	381	388	385	388	392	355	319	334	338	332
Biliran	13	12	12	12	12	11	9	12	12	12
Eastern Samar	16	16	16	16	16	15	15	16	14	11
Leyte	285	293	293	292	296	262	226	236	237	235
Northern Samar	9	9	9	9	9	9	9	12	12	12
Southern Leyte	24	24	23	25	25	25	25	27	27	27
Samar (Western Sama	34	34	32	34	34	33	34	31	36	35
Zamboanga Peninsula	612	607	596	597	600	581	569	537	505	516
Zamboanga del Norte	313	315	307	308	308	289	292	259	227	233
Zamboanga del Sur	81	79	78	71	69	71	72	72	72	73
Zamboanga Sibugay	37	40	39	38	42	38	26	31	31	32
Zamboanga City	181	173	172	180	181	183	179	175	175	178
Northern Mindanao	309	326	335	427	442	450	459	456	459	476
Bukidnon	45	49	46	48	52	54	54	53	55	58
Camiguin	5	5	6	6	6	6	6	6	6	6
Lanao del Norte	32	45	47	49	51	54	54	53	56	57
Misamis Occidental	43	45	49	131	132	133	135	137	138	142
Misamis Oriental	184	182	187	193	201	203	210	207	205	214
Davao Region	2,659	2,671	2,651	2,320	2,301	2,327	2,331	2,326	2,306	2,250
Davao del Norte	394	392	388	389	392	392	391	380	379	382
Davao del Sur	173	187	188	188	188	188	183	186	187	184
Davao Oriental	152	150	150	150	150	152	157	157	145	145
Compostela Valley	272	274	272	268	251	280	285	288	286	280
Davao City	1,668	1,668	1,653	1,325	1,320	1,315	1,315	1,315	1,309	1,259
SOCCSKSARGEN	174	197	200	207	203	208	210	223	220	221
North Cotabato	69	73	73	75	79	82	84	96	94	93
Sarangani	42	42	38	40	40	39	38	38	33	33
South Cotabato	49	68	74	77	68	72	74	75	80	81
Sultan Kudarat	14	14	15	15	16	15	15	15	14	14
Caraga	161	154	170	120	114	117	109	120	135	141
Agusan del Norte	85	77	79	54	46	50	44	45	48	49
Agusan del Sur	25	28	27	23	25	28	31	41	54	56
Dinagat Islands	..	..	..	..	..	4	4	4	4	4
Surigao del Norte	28	27	39	20	19	15	10	10	9	10
Surigao del Sur	23	22	25	23	24	20	20	20	21	22
ARMM	65	67	67	70	71	71	73	73	71	75
Basilan	9	10	10	10	10	10	10	10	10	10
Lanao del Sur	..	1	1	1	1	2	2	2	2	2
Maguindanao	10	10	11	14	13	13	15	14	14	15
Sulu	44	44	43	44	45	44	44	44	42	46
Tawi-tawi	2	2	2	2	2	2	3	3	3	3

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tomato										
Philippines	17,646	17,656	17,663	17,556	17,345	17,231	16,742	16,165	16,197	16,491
CAR	379	366	357	360	359	355	356	342	336	335
Abra	53	53	53	53	53	53	53	53	53	50
Apayao	2	2	2	2	2	2	2	2	2	3
Benguet	240	238	229	230	230	229	231	230	224	203
Ifugao	4	4	4	4	4	4	4	7	11	16
Kalinga	22	22	21	21	19	16	16	14	12	12
Mountain Province	58	47	48	50	51	51	50	37	34	52
Ilocos Region	3,793	3,775	3,773	3,730	3,739	3,785	3,821	3,827	3,789	3,826
Ilocos Norte	1,219	1,331	1,359	1,376	1,386	1,390	1,387	1,377	1,361	1,351
Ilocos Sur	1,099	1,122	1,165	1,144	1,137	1,180	1,217	1,237	1,217	1,245
La Union	143	140	144	145	148	150	154	154	166	173
Pangasinan	1,332	1,183	1,105	1,065	1,068	1,065	1,064	1,059	1,045	1,057
Cagayan Valley	901	877	893	883	851	849	873	801	855	820
Batanes	..	..	..	..	2	2	3	2	2	2
Cagayan	55	53	46	51	48	50	52	54	51	55
Isabela	241	263	197	161	139	142	151	145	141	137
Nueva Vizcaya	597	552	642	663	652	646	658	591	649	615
Quirino	8	9	8	8	9	9	10	10	11	11
Central Luzon	3,342	3,371	3,379	3,374	3,396	3,399	3,482	3,214	3,260	3,265
Aurora	..	..	1	2	2	2	2	2	9	12
Bataan	33	33	33	33	33	33	32	32	32	32
Bulacan	150	157	163	170	176	172	179	183	177	182
Nueva Ecija	1,340	1,372	1,393	1,393	1,391	1,396	1,481	1,483	1,530	1,535
Pampanga	215	215	212	193	205	206	198	198	198	198
Tarlac	1,520	1,515	1,498	1,500	1,498	1,498	1,495	1,223	1,221	1,221
Zambales	84	79	79	83	91	92	95	93	93	87
CALABARZON	1,340	1,325	1,354	1,406	1,306	1,361	1,243	1,147	1,135	1,196
Batangas	275	271	276	310	282	286	184	123	119	120
Cavite	52	55	66	68	70	72	74	58	48	48
Laguna	597	580	592	599	522	547	520	501	501	556
Quezon	395	398	399	406	409	434	442	442	443	451
Rizal	21	21	21	23	23	23	23	23	24	21
MIMAROPA	231	243	266	280	294	310	329	344	353	425
Marinduque	9	9	9	9	9	9	9	9	10	10
Occidental Mindoro	110	117	133	144	155	163	168	173	175	173
Oriental Mindoro	6	6	7	7	7	13	22	28	31	106
Palawan	79	83	89	91	95	97	101	104	107	107
Romblon	27	28	28	29	28	28	29	30	30	29
Bicol Region	578	577	581	564	557	552	546	550	550	550
Albay	246	243	245	240	230	225	220	220	220	220
Camarines Norte	7	6	6	6	7	7	7	7	7	7
Camarines Sur	303	305	306	294	296	296	295	298	299	299
Catanduanes	3	3	3	3	3	3	3	4	4	4
Masbate	14	15	16	16	16	16	16	16	16	16
Sorsogon	5	5	5	5	5	5	5	5	5	5
Western Visayas	816	821	823	785	787	786	803	862	870	908
Aklan	26	27	28	28	28	25	25	25	23	25
Antique	65	62	62	56	54	54	55	54	57	63
Capiz	21	24	28	33	35	28	32	30	32	35
Guimaras	4	4	3	3	2	2	2	2	3	3
Iloilo	646	650	645	610	612	622	634	696	700	728
Negros Occidental	54	54	57	55	55	55	55	55	55	54
Central Visayas	1,364	1,347	1,400	1,326	1,220	1,159	653	620	563	601
Bohol	398	410	487	457	427	432	202	200	158	186
Cebu	690	662	640	600	520	507	280	263	243	246
Negros Oriental	270	268	267	262	266	216	168	154	159	166
Siquijor	6	7	6	7	7	4	3	3	3	3
Eastern Visayas	105	108	105	106	108	101	96	100	101	98
Biliran	17	16	16	20	18	17	14	15	15	13
Eastern Samar	6	6	6	6	6	6	6	6	6	5
Leyte	23	25	24	25	27	26	24	26	25	26
Northern Samar	8	8	8	8	8	8	8	10	10	10
Southern Leyte	19	20	20	20	20	20	19	20	20	21
Samar (Western Sama	32	32	31	27	29	24	25	23	24	24
Zamboanga Peninsula	501	506	511	516	499	472	434	409	402	402
Zamboanga del Norte	117	124	123	126	129	98	101	82	73	77
Zamboanga del Sur	102	99	96	90	62	89	91	91	94	96
Zamboanga Sibugay	29	31	36	38	41	32	29	30	32	32
Zamboanga City	253	252	256	262	267	253	213	206	203	197
Northern Mindanao	2,763	2,807	2,697	2,748	2,727	2,648	2,629	2,529	2,525	2,595
Bukidnon	1,920	2,008	1,956	2,000	1,985	2,000	2,015	1,940	1,930	2,004
Camiguin	9	7	7	8	7	8	8	8	8	9
Lanao del Norte	71	74	72	74	76	79	78	76	78	67
Misamis Occidental	38	38	37	40	41	43	43	43	41	47
Misamis Oriental	725	680	625	626	618	518	485	462	468	468
Davao Region	649	652	653	637	644	641	651	640	647	653
Davao del Norte	20	19	21	19	21	21	21	16	17	17
Davao del Sur	306	306	306	309	319	322	320	314	316	319
Davao Oriental	56	57	57	58	60	60	70	70	72	72
Compostela Valley	128	131	130	120	107	96	96	96	98	97
Davao City	139	139	139	131	137	142	144	144	144	148
SOCCSKSARGEN	677	679	664	666	676	642	657	652	660	648
North Cotabato	499	502	490	495	500	470	483	474	476	460
Sarangani	37	35	32	32	32	31	32	33	29	30
South Cotabato	64	64	60	62	63	61	63	65	73	79
Sultan Kudarat	77	78	82	77	81	80	80	80	81	79
Caraga	78	75	75	55	58	49	50	53	78	93
Agusan del Norte	33	33	34	25	28	15	17	15	16	16
Agusan del Sur	20	17	16	14	15	16	18	23	46	60
Dinagat Islands	..	..	..	..	..	..	..	..	0	0
Surigao del Norte	7	7	7	4	3	6	4	4	4	4
Surigao del Sur	18	18	18	12	12	13	11	11	12	13
ARMM	128	128	131	121	125	120	119	75	75	75
Basilan	9	10	10	10	10	10	10	10	10	10
Lanao del Sur	13	13	13	13	14	10	10	10	10	10
Maguindanao	92	92	94	84	86	86	85	41	41	42
Sulu	10	10	10	10	10	9	9	9	9	9
Tawi-tawi	4	4	4	5	5	5	5	5	5	5

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Ubi										
Philippines	5,212	4,929	4,744	2,975	2,688	2,621	2,616	2,433	2,476	2,457
CAR	25	27	28	29	31	33	34	33	33	35
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	1	2	2	3	3	4	4	4	4	4
Benguet	22	23	24	24	24	24	24	23	23	25
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	2	2	2	2	4	5	6	6	6	6
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	19	19	20	18	20	31	45	45	45	45
Ilocos Norte	9	9	10	9	10	10	11	11	11	11
Ilocos Sur	..	..	..	..	..	10	22	22	21	21
La Union	10	10	10	9	10	11	12	12	13	13
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	333	315	293	275	335	329	330	317	305	298
Batanes	..	..	..	..	63	58	61	51	38	37
Cagayan	225	213	206	196	196	202	207	207	202	194
Isabela	65	58	44	35	33	29	25	25	23	23
Nueva Vizcaya	33	34	33	34	33	30	27	24	29	30
Quirino	10	10	10	10	10	10	10	10	13	15
Central Luzon	98	90	90	94	92	93	94	94	100	102
Aurora	41	36	36	39	37	40	42	41	47	52
Bataan	10	10	10	10	10	9	9	9	9	9
Bulacan	22	19	20	20	20	19	20	21	21	19
Nueva Ecija	5	5	5	5	5	5	3	3	2	2
Pampanga	5	5	4	4	4	4	4	4	4	4
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	15	15	15	16	16	16	16	16	17	16
CALABARZON	110	112	114	114	113	117	119	121	206	208
Batangas	21	23	24	23	19	19	21	22	23	24
Cavite	47	47	48	48	50	51	51	51	52	52
Laguna	18	18	18	18	19	20	20	21	21	21
Quezon	24	24	24	25	25	27	27	27	110	111
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	102	102	93	100	104	105	109	108	109	114
Marinduque	14	14	14	15	15	15	15	13	13	15
Occidental Mindoro	15	17	18	19	20	23	24	25	25	26
Oriental Mindoro	7	7	7	7	7	7	7	7	8	9
Palawan	25	30	29	34	36	40	44	44	44	44
Romblon	41	34	24	25	26	20	19	19	19	20
Bicol Region	104	98	97	94	92	91	88	88	82	82
Albay	75	68	67	64	62	61	58	58	53	53
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	3	3	3	3	3	3	3	3	3	3
Catanduanes	2	2	2	2	2	2	2	2	2	2
Masbate	20	21	21	21	21	21	21	21	21	21
Sorsogon	4	4	4	4	4	4	4	4	3	3
Western Visayas	95	105	99	99	100	98	93	99	90	84
Aklan	30	37	31	31	32	32	30	28	26	24
Antique	5	6	7	7	6	7	6	6	6	6
Capiz	6	7	8	7	9	9	11	12	11	11
Guimaras	13	13	12	11	12	10	8	13	9	7
Iloilo	20	20	19	20	19	18	17	19	18	18
Negros Occidental	22	22	22	22	22	22	22	22	20	20
Central Visayas	3,588	3,312	3,178	1,449	1,091	1,066	1,062	915	920	913
Bohol	3,498	3,221	3,095	1,370	1,015	992	994	847	854	850
Cebu	53	54	47	43	38	38	37	37	34	32
Negros Oriental	35	35	34	34	36	34	30	30	30	30
Siquijor	2	2	2	2	2	2	1	1	1	1
Eastern Visayas	230	233	233	232	242	205	199	199	195	180
Biliran	43	41	40	40	40	36	36	36	35	24
Eastern Samar	24	24	24	24	24	24	22	21	19	15
Leyte	120	123	124	124	133	100	97	98	97	97
Northern Samar	5	5	5	5	5	5	5	5	5	5
Southern Leyte	29	30	10	30	30	30	30	30	30	30
Samar (Western Sama	10	10	31	9	10	10	9	9	8	8
Zamboanga Peninsula	57	58	59	59	63	60	61	61	60	62
Zamboanga del Norte	13	13	13	13	13	12	12	10	8	8
Zamboanga del Sur	22	22	21	21	24	24	27	24	26	26
Zamboanga Sibugay	13	13	15	16	16	14	13	19	18	19
Zamboanga City	9	9	10	10	10	10	9	8	8	9
Northern Mindanao	198	198	189	184	183	184	184	169	166	165
Bukidnon	11	10	9	8	6	4	4	4	3	4
Camiguin	11	10	7	5	5	4	2	2	1	2
Lanao del Norte	153	154	148	148	148	152	152	140	138	136
Misamis Occidental	14	14	15	15	15	15	15	14	13	13
Misamis Oriental	9	10	10	8	9	9	11	10	10	10
Davao Region	73	80	83	76	69	62	58	54	45	46
Davao del Norte	9	10	10	9	8	8	7	7	7	7
Davao del Sur	20	22	24	24	24	22	22	22	21	21
Davao Oriental	5	5	4	4	2	3	2	2	1	1
Compostela Valley	16	21	23	20	16	12	11	8	8	9
Davao City	23	22	22	19	19	17	16	16	9	9
SOCCSKSARGEN	74	77	74	74	73	72	69	64	57	58
North Cotabato	29	30	30	30	30	30	29	27	27	26
Sarangani	18	18	17	17	17	16	14	13	10	10
South Cotabato	16	18	18	18	17	18	18	16	13	14
Sultan Kudarat	11	11	9	9	9	8	8	8	8	7
Caraga	56	53	44	27	29	22	16	12	9	10
Agusan del Norte	8	7	6	4	3	4	4	4	2	2
Agusan del Sur	10	10	4	3	3	3	2	2	1	1
Dinagat Islands	..	..	..	..	..	1	0	0	1	1
Surigao del Norte	23	22	22	9	12	11	6	2	2	2
Surigao del Sur	15	14	12	11	11	5	5	5	4	4
ARMM	51	53	52	51	51	55	56	56	56	56
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	24	24	24	24	24	28	28	28	28	28
Maguindanao	27	29	28	27	27	27	28	28	28	28
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.9.2
OTHER CROPS: AREA PLANTED/HARVESTED BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(In hectares)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
White Potato										
Philippines	7,994	7,904	8,129	8,171	8,096	7,890	7,868	7,843	7,744	7,793
CAR	5,932	5,824	6,069	6,116	6,083	5,892	5,885	5,894	5,788	5,820
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	4,844	4,833	5,174	5,176	5,157	4,969	4,969	5,014	4,981	4,997
Ifugao	10	10	10	10	10	10	10	10	9	8
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	1,078	981	885	930	916	913	906	870	798	815
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	76	79	70	69	66	64	64	61	66	65
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	1	1	1	1	1	1	1	1	1	1
Nueva Vizcaya	75	78	69	68	65	63	63	60	65	64
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	1	1	1	1	1	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	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	..	..	..	..	..	..	..	..	..
Albay	1	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	0	0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	20	19	21	21	18	13	3	2	3	1
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	0	0	0	..	..	..	..	..	..	..
Negros Oriental	20	19	21	21	18	13	3	2	3	1
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	562	573	568	560	550	543	537	500	505	519
Bukidnon	562	573	568	560	550	543	537	500	505	519
Camiguin	..	..	..	..	..	..	..	..	0	0
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	1,322	1,329	1,329	1,330	1,303	1,300	1,300	1,311	1,312	1,313
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	1,318	1,325	1,325	1,325	1,298	1,295	1,296	1,308	1,309	1,310
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	4	4	4	5	5	5	4	3	3	3
SOCCSKSARGEN	79	79	72	74	75	78	79	75	70	75
North Cotabato	18	19	17	19	20	22	23	22	16	15
Sarangani	15	15	15	14	14	14	13	13	11	11
South Cotabato	27	28	30	31	31	33	33	32	34	36
Sultan Kudarat	19	17	11	10	10	10	10	9	9	13
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Palay										
Philippines	**16,815,548**	**16,266,417**	**15,772,319**	**16,684,062**	**18,032,525**	**18,439,420**	**18,967,826**	**18,149,838**	**17,627,245**	**19,276,347**
CAR	445,156	431,656	400,415	428,949	453,461	460,170	452,609	400,911	382,848	445,006
Abra	75,528	76,302	77,611	80,428	82,333	79,444	75,500	66,716	65,159	69,477
Apayao	101,632	100,379	96,689	98,489	105,891	106,741	101,158	96,453	86,430	103,335
Benguet	17,142	16,221	15,780	15,790	16,696	17,491	17,355	18,144	18,145	20,276
Ifugao	63,546	64,036	60,350	61,903	62,465	63,379	63,076	63,362	60,866	62,387
Kalinga	168,117	156,187	134,266	155,895	168,854	174,012	176,529	141,094	137,784	173,292
Mountain Province	19,191	18,531	15,719	16,444	17,222	19,103	18,991	15,142	14,464	16,239
Ilocos Region	1,691,629	1,351,715	1,558,373	1,602,814	1,737,695	1,750,057	1,796,229	1,777,121	1,805,126	1,872,052
Ilocos Norte	299,984	256,582	301,934	306,726	315,712	318,444	308,317	313,089	309,488	329,744
Ilocos Sur	202,647	168,028	183,182	191,152	208,380	209,302	205,302	210,875	209,719	230,228
La Union	161,709	124,997	132,557	146,666	156,023	157,275	168,885	172,000	175,354	187,015
Pangasinan	1,027,289	802,108	940,700	958,270	1,057,580	1,065,036	1,113,725	1,081,157	1,110,565	1,125,065
Cagayan Valley	2,080,240	2,077,036	1,745,722	2,144,766	2,425,536	2,423,200	2,514,934	2,489,647	2,332,654	2,656,979
Batanes	..	..	..	..	103	13	86	73	13	74
Cagayan	707,172	681,313	616,321	784,622	875,721	829,737	895,580	884,334	764,303	1,006,120
Isabela	1,063,875	1,084,811	865,839	1,068,275	1,216,535	1,249,873	1,277,623	1,256,390	1,212,725	1,285,685
Nueva Vizcaya	232,946	231,284	200,572	218,446	241,956	253,755	252,896	269,120	269,824	273,517
Quirino	76,247	79,628	62,990	73,423	91,221	89,822	88,749	79,730	85,789	91,583
Central Luzon	3,014,347	2,805,467	2,958,415	2,616,083	3,220,607	3,409,468	3,765,150	3,304,310	3,342,883	3,634,807
Aurora	89,709	89,988	84,994	85,433	90,791	87,900	94,785	86,971	77,040	100,179
Bataan	136,258	125,880	131,610	123,511	134,960	140,067	155,056	151,610	122,393	136,269
Bulacan	353,101	300,277	298,376	227,607	351,307	366,927	372,110	351,437	360,237	378,088
Nueva Ecija	1,372,378	1,360,915	1,374,173	1,313,487	1,587,163	1,672,666	1,930,996	1,580,620	1,684,352	1,884,091
Pampanga	398,910	332,972	393,328	310,456	388,187	419,721	433,106	425,609	421,647	429,406
Tarlac	550,552	491,233	562,180	450,757	549,299	585,077	638,906	570,095	564,992	579,013
Zambales	113,439	104,202	113,754	104,832	118,900	137,110	140,191	137,968	112,222	127,761
CALABARZON	428,085	383,035	390,189	399,193	389,272	411,785	405,582	392,907	407,124	410,833
Batangas	60,218	55,800	53,423	49,569	43,206	52,198	46,375	40,009	39,797	42,246
Cavite	41,697	39,119	46,614	38,482	38,495	42,177	46,280	42,361	35,646	34,732
Laguna	137,758	111,063	123,127	126,108	120,953	128,905	130,904	133,138	130,808	129,358
Quezon	156,936	153,553	139,092	154,525	160,951	159,773	154,780	146,988	168,112	173,228
Rizal	31,476	23,500	27,933	30,509	25,667	28,732	27,243	30,411	32,761	31,269
MIMAROPA	863,215	930,674	857,532	981,669	1,030,606	1,033,942	1,081,878	1,081,833	1,080,408	1,159,830
Marinduque	25,336	24,721	21,453	24,654	17,757	17,364	15,069	15,889	16,038	21,932
Occidental Mindoro	319,143	321,765	290,962	322,645	334,114	335,839	346,525	362,514	357,837	339,989
Oriental Mindoro	284,454	307,738	308,469	360,400	375,206	391,866	413,508	392,213	383,608	420,465
Palawan	205,092	244,175	204,807	238,488	267,663	256,394	274,150	280,240	291,681	341,265
Romblon	29,190	32,275	31,841	35,482	35,866	32,479	32,626	30,977	31,244	36,179
Bicol Region	997,581	1,045,501	1,081,078	1,070,917	1,173,307	1,243,241	1,258,147	1,264,448	1,275,492	1,335,077
Albay	161,391	170,564	182,472	201,037	206,808	220,980	225,700	204,345	201,811	204,824
Camarines Norte	67,721	71,087	72,815	77,188	85,526	92,411	95,784	89,615	89,909	107,099
Camarines Sur	526,936	535,090	568,327	520,322	563,749	601,480	583,797	658,548	666,413	683,385
Catanduanes	36,610	38,060	34,556	43,947	32,330	29,488	35,452	35,741	34,065	37,789
Masbate	97,939	109,042	112,609	113,441	154,463	168,653	180,173	147,754	149,871	158,832
Sorsogon	106,984	121,658	110,299	114,982	130,431	130,230	137,241	128,445	133,423	143,148
Western Visayas	2,117,598	2,205,071	1,789,693	2,245,038	2,292,201	2,090,790	2,052,574	2,056,824	1,896,230	2,230,837
Aklan	129,318	140,357	103,625	126,657	129,645	135,293	104,712	106,329	101,471	121,797
Antique	244,354	250,913	211,466	287,036	273,468	286,622	280,084	285,203	274,929	293,098
Capiz	318,134	373,982	335,608	349,094	360,914	322,388	291,158	256,823	274,900	348,477
Guimaras	50,979	52,724	42,716	51,413	55,425	46,066	51,202	40,154	42,649	55,322
Iloilo	942,286	944,050	659,970	959,239	995,402	822,452	846,636	877,076	749,699	937,269
Negros Occidental	432,527	443,045	436,308	471,599	477,347	477,969	478,782	491,239	452,582	474,874
Central Visayas	311,801	276,818	270,449	322,862	327,120	347,697	338,822	336,194	231,982	325,209
Bohol	218,701	195,445	191,174	231,569	237,836	256,405	255,053	252,816	161,003	238,728
Cebu	16,141	15,998	15,315	16,938	16,935	17,660	16,765	14,291	13,546	14,514
Negros Oriental	74,180	62,436	61,053	71,220	69,663	71,173	64,612	66,393	55,744	69,305
Siquijor	2,779	2,939	2,907	3,135	2,686	2,459	2,392	2,694	1,689	2,662
Eastern Visayas	1,030,621	952,220	964,145	984,017	994,972	989,794	982,596	955,709	954,844	945,565
Biliran	70,798	69,120	67,033	66,604	66,543	66,309	66,343	66,567	67,881	65,211
Eastern Samar	47,153	46,291	51,795	53,632	59,413	63,225	63,605	62,388	61,902	59,754
Leyte	605,833	530,473	522,901	526,762	521,115	502,746	502,146	489,405	473,580	481,487
Northern Samar	101,007	89,377	98,381	106,048	111,206	116,713	117,965	117,240	111,086	112,585
Southern Leyte	99,934	102,791	99,951	92,653	96,166	94,871	92,572	92,581	91,088	75,336
Samar (Western Samar	105,896	114,168	124,084	138,318	140,529	145,930	139,965	127,528	149,307	151,192
Zamboanga Peninsula	551,310	565,764	552,645	622,203	618,831	639,113	656,777	661,775	581,111	700,590
Zamboanga del Norte	93,928	90,352	85,061	98,184	96,868	116,808	114,392	125,065	85,815	104,810
Zamboanga del Sur	282,017	286,219	301,386	328,079	323,170	321,487	341,395	333,192	309,531	380,052
Zamboanga Sibugay	150,356	162,416	142,427	168,659	170,177	173,266	173,535	175,015	157,749	188,886
Zamboanga City	25,009	26,777	23,771	27,281	28,616	27,552	27,455	28,503	28,016	26,842
Northern Mindanao	551,246	583,297	586,442	610,990	637,348	674,903	713,764	725,120	711,284	745,733
Bukidnon	297,296	330,541	336,512	353,487	373,221	400,491	426,641	436,575	425,116	457,102
Camiguin	2,285	2,274	2,231	2,377	2,473	2,537	2,574	2,623	2,158	1,986
Lanao del Norte	151,794	148,015	144,755	152,247	158,407	165,327	171,770	173,586	179,003	179,510
Misamis Occidental	72,429	74,221	77,080	76,407	77,237	81,185	87,203	87,467	83,948	82,771
Misamis Oriental	27,442	28,246	25,864	26,472	26,010	25,363	25,576	24,869	21,059	24,365
Davao Region	418,954	423,825	402,811	416,543	448,703	421,692	452,267	441,868	417,948	433,665
Davao del Norte	121,667	128,380	110,995	115,888	133,555	122,789	123,928	125,919	110,623	124,645
Davao del Sur	127,476	127,520	113,981	125,013	135,492	126,256	137,306	136,322	120,805	126,862
Davao Oriental	66,896	60,766	60,387	62,706	62,046	61,463	65,205	69,443	69,152	67,632
Compostela Valley	89,213	92,107	103,250	97,722	101,763	94,540	109,335	95,947	103,774	100,137
Davao City	13,702	15,052	14,198	15,214	15,847	16,644	16,493	14,237	13,594	14,389
SOCCSKSARGEN	1,234,757	1,229,040	1,185,196	1,244,148	1,270,901	1,347,646	1,364,849	1,291,644	1,200,642	1,319,505
North Cotabato	491,715	488,409	459,458	481,006	494,052	525,675	530,029	475,085	433,957	500,238
Sarangani	44,783	47,563	43,440	48,534	47,157	49,687	49,432	46,272	41,247	41,618
South Cotabato	298,748	300,613	289,223	310,410	309,941	329,429	344,892	337,445	307,464	358,563
Sultan Kudarat	399,511	392,455	393,075	404,198	419,751	442,855	440,496	432,842	417,974	419,086
Caraga	447,317	425,551	405,871	416,997	469,205	583,838	574,499	481,312	462,182	482,675
Agusan del Norte	90,515	76,015	68,070	70,835	73,595	95,434	99,786	76,191	87,312	80,952
Agusan del Sur	197,568	176,877	175,333	195,010	240,381	305,171	292,019	233,526	222,420	247,353
Dinagat Islands	..	2,336	8,709	6,593	5,827	6,927	6,507	6,136	5,900	7,059
Surigao del Norte	75,210	79,795	61,871	64,179	64,852	69,721	63,694	60,576	49,608	52,559
Surigao del Sur	84,024	90,528	91,888	80,380	84,550	106,585	112,493	104,883	96,942	94,752
ARMM	631,691	579,747	623,343	576,873	542,760	612,083	557,149	488,215	544,486	577,984
Basilan	4,457	3,303	4,740	4,246	4,116	5,178	3,799	2,710	2,156	1,689
Lanao del Sur	190,296	175,679	177,760	170,950	186,680	189,853	164,117	149,354	137,666	181,662
Maguindanao	432,589	396,719	436,957	398,097	348,123	414,060	386,534	333,258	402,536	391,924
Sulu	3,450	3,202	2,925	2,622	2,945	2,349	2,050	2,402	1,850	2,456
Tawi-tawi	899	844	961	958	896	643	649	491	278	253

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.10.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Irrigated Palay										
Philippines	**12,556,150**	**12,083,264**	**11,992,459**	**12,358,931**	**13,396,483**	**13,823,149**	**14,405,716**	**13,937,924**	**13,539,873**	**14,557,319**
CAR	372,282	362,841	335,343	364,657	385,958	394,671	389,732	345,847	334,494	389,558
Abra	48,585	50,676	51,656	53,373	55,219	54,639	52,363	47,320	44,332	48,119
Apayao	69,045	69,747	67,715	71,224	76,320	77,589	72,925	71,204	68,741	81,192
Benguet	15,112	14,370	13,843	14,038	14,560	15,295	15,201	15,905	15,588	17,816
Ifugao	61,678	62,184	58,482	60,202	60,660	61,566	61,263	61,551	59,102	60,591
Kalinga	161,424	149,750	129,611	151,020	163,961	168,616	171,213	136,463	133,565	167,849
Mountain Province	16,438	16,114	14,036	14,800	15,238	16,966	16,767	13,404	13,166	13,991
Ilocos Region	1,113,627	929,064	1,108,293	1,144,248	1,245,655	1,270,037	1,305,464	1,290,575	1,305,193	1,360,204
Ilocos Norte	249,192	216,688	251,805	257,121	264,071	268,106	260,937	266,451	261,892	279,471
Ilocos Sur	109,081	89,161	102,006	106,939	120,119	125,518	124,588	127,320	126,051	143,162
La Union	100,530	82,291	79,418	91,155	99,290	98,287	104,818	111,336	115,169	120,940
Pangasinan	654,824	540,924	675,064	689,033	762,175	778,126	815,121	785,468	802,081	816,631
Cagayan Valley	1,872,024	1,842,549	1,633,085	1,924,301	2,177,340	2,225,221	2,310,297	2,303,173	2,181,739	2,429,032
Batanes	..	..	..	..	4	4	9	3	1	0
Cagayan	570,332	533,489	548,071	645,666	727,269	726,371	767,655	768,404	676,619	856,840
Isabela	1,010,466	1,015,001	831,542	1,002,162	1,135,271	1,173,490	1,215,738	1,200,602	1,165,053	1,223,410
Nueva Vizcaya	222,070	220,570	192,367	208,545	229,271	241,263	244,824	259,144	258,649	263,474
Quirino	69,156	73,489	61,105	67,928	85,525	84,093	82,071	75,020	81,417	85,308
Central Luzon	2,710,433	2,537,528	2,712,810	2,386,583	2,939,815	3,093,762	3,423,053	3,059,780	3,114,840	3,342,794
Aurora	83,464	83,606	79,549	80,571	85,142	82,768	89,958	82,176	72,993	93,680
Bataan	132,779	123,436	129,557	121,627	133,389	138,256	152,624	149,562	121,095	134,787
Bulacan	267,857	234,965	235,294	190,734	291,355	307,236	308,408	292,908	311,737	313,224
Nueva Ecija	1,245,667	1,233,490	1,275,979	1,193,138	1,452,825	1,520,319	1,758,634	1,474,352	1,576,079	1,737,108
Pampanga	384,710	325,313	382,521	300,539	375,868	405,770	416,811	410,240	416,692	423,177
Tarlac	513,925	460,151	527,609	422,775	513,321	537,763	592,121	545,825	522,975	543,430
Zambales	82,031	76,567	82,301	77,199	87,915	101,650	104,497	104,717	93,269	97,388
CALABARZON	340,836	301,253	320,595	320,479	309,406	321,378	332,796	322,856	326,911	324,459
Batangas	43,981	40,543	39,133	37,983	34,236	37,409	33,819	32,196	30,072	30,524
Cavite	36,749	35,373	43,175	34,993	35,782	39,373	44,484	40,688	34,301	33,343
Laguna	135,999	109,521	121,511	124,500	119,114	127,498	130,383	132,837	130,596	129,142
Quezon	95,575	94,096	90,123	94,295	95,889	94,594	102,003	91,604	104,594	105,758
Rizal	28,532	21,720	26,653	28,708	24,385	22,504	22,107	25,531	27,348	25,692
MIMAROPA	536,497	596,159	594,515	666,073	711,572	726,402	779,339	791,572	791,547	845,481
Marinduque	10,922	11,123	8,534	9,735	7,390	8,098	7,206	7,508	8,196	12,291
Occidental Mindoro	193,199	212,039	201,929	215,950	227,453	233,258	237,388	252,496	246,490	239,592
Oriental Mindoro	215,850	242,299	249,624	287,901	311,254	325,999	356,563	345,219	336,078	364,153
Palawan	99,195	111,132	115,914	130,998	143,986	139,805	159,390	168,385	182,874	208,941
Romblon	17,331	19,566	18,514	21,489	21,489	19,242	18,792	17,964	17,909	20,504
Bicol Region	724,258	739,995	791,987	735,577	815,197	872,206	881,474	923,012	918,904	955,709
Albay	126,079	135,030	147,111	159,599	165,703	179,205	183,787	170,430	170,595	175,189
Camarines Norte	45,708	48,408	52,681	51,842	56,364	62,149	61,313	59,925	60,298	69,631
Camarines Sur	419,430	420,538	461,725	394,503	434,964	464,196	461,297	529,138	521,988	539,115
Catanduanes	18,789	20,998	17,170	18,717	14,854	15,105	17,681	18,898	19,938	19,519
Masbate	27,567	22,371	23,930	26,218	45,413	51,919	53,387	42,500	40,080	44,796
Sorsogon	86,685	92,650	89,370	84,698	97,899	99,632	104,009	102,121	106,005	107,459
Western Visayas	1,240,210	1,247,237	1,007,228	1,188,422	1,156,461	1,087,993	1,085,142	1,113,382	993,869	1,114,054
Aklan	74,141	72,678	61,936	66,450	70,517	74,014	57,547	59,118	57,935	71,591
Antique	163,424	163,287	131,307	183,984	175,255	181,521	182,435	183,861	174,426	182,215
Capiz	120,942	127,496	110,997	106,370	105,768	98,006	104,106	97,562	98,944	114,004
Guimaras	13,617	13,712	11,301	14,949	16,622	10,666	12,819	10,182	9,256	12,009
Iloilo	547,607	547,905	374,406	484,217	452,846	387,702	393,256	417,270	336,441	397,008
Negros Occidental	320,479	322,159	317,281	332,452	335,453	336,084	334,979	345,389	316,867	337,227
Central Visayas	192,239	170,058	175,798	205,841	208,926	223,090	215,066	217,166	166,024	216,966
Bohol	111,349	98,262	106,274	129,727	134,055	145,861	145,083	145,601	104,476	143,303
Cebu	15,381	15,192	14,512	15,797	15,688	16,493	15,695	13,763	13,135	13,786
Negros Oriental	62,949	53,978	52,313	57,524	56,693	58,457	52,089	55,262	46,724	57,501
Siquijor	2,560	2,626	2,699	2,793	2,490	2,279	2,199	2,540	1,689	2,376
Eastern Visayas	631,886	573,225	562,586	568,222	570,250	554,227	550,832	549,640	542,684	532,995
Biliran	69,521	68,025	66,492	66,255	66,282	66,063	66,144	66,368	67,704	65,160
Eastern Samar	12,403	11,389	12,092	15,735	17,895	19,807	19,985	19,248	19,409	18,848
Leyte	431,226	372,881	363,440	371,612	367,956	349,196	347,760	347,963	339,089	346,354
Northern Samar	14,670	12,854	15,726	15,109	14,459	15,484	15,740	15,714	15,231	15,269
Southern Leyte	87,782	91,120	88,995	82,279	86,286	86,220	84,168	84,614	84,036	70,571
Samar (Western Samar	16,284	16,956	15,841	17,232	17,372	17,457	17,035	15,733	17,215	16,793
Zamboanga Peninsula	374,836	383,143	376,603	408,745	401,351	409,538	424,100	424,822	381,776	453,535
Zamboanga del Norte	56,264	47,545	43,912	47,416	51,560	58,929	57,792	62,661	41,363	57,092
Zamboanga del Sur	221,677	233,362	246,307	268,150	253,588	252,834	268,786	260,713	246,146	290,905
Zamboanga Sibugay	77,237	81,266	68,328	73,536	75,629	78,042	77,708	79,562	73,422	86,146
Zamboanga City	19,658	20,970	18,056	19,643	20,574	19,733	19,814	21,886	20,846	19,392
Northern Mindanao	507,939	531,605	535,695	551,111	574,426	609,684	643,114	655,526	647,705	672,083
Bukidnon	279,399	307,235	311,594	322,019	340,441	364,490	386,817	396,354	389,385	410,606
Camiguin	2,276	2,269	2,219	2,365	2,461	2,528	2,571	2,620	2,157	1,986
Lanao del Norte	132,039	125,543	124,794	130,085	134,335	142,944	148,184	151,226	157,337	159,000
Misamis Occidental	68,191	70,139	72,268	71,576	72,270	75,477	81,443	81,779	78,603	77,226
Misamis Oriental	26,034	26,419	24,820	25,066	24,919	24,245	24,099	23,547	20,223	23,265
Davao Region	378,087	386,390	367,215	378,753	405,435	377,302	406,793	409,053	385,528	393,250
Davao del Norte	114,659	117,883	104,274	108,480	125,155	112,049	113,764	118,745	103,823	116,086
Davao del Sur	125,870	126,192	112,655	124,568	134,967	125,478	136,431	135,441	120,210	125,656
Davao Oriental	53,215	51,311	49,942	52,360	49,854	49,533	52,069	59,633	59,460	56,177
Compostela Valley	76,435	80,951	90,791	83,796	85,184	78,883	93,475	84,735	90,961	84,305
Davao City	7,908	10,053	9,553	9,549	10,275	11,359	11,054	10,499	11,074	11,026
SOCCSKSARGEN	998,390	996,995	985,124	1,017,609	1,028,961	1,101,859	1,115,486	1,069,446	1,003,147	1,101,570
North Cotabato	367,733	371,340	357,187	367,939	375,602	413,326	418,669	377,350	348,735	402,130
Sarangani	34,051	34,016	30,176	34,840	33,616	37,838	36,964	34,364	31,733	33,049
South Cotabato	263,047	259,985	255,755	268,258	265,021	279,787	292,688	292,233	265,219	306,390
Sultan Kudarat	333,559	331,654	342,006	346,572	354,722	370,908	367,165	365,499	357,460	360,001
Caraga	312,206	291,256	282,251	281,702	297,475	353,868	355,957	308,837	311,108	306,385
Agusan del Norte	65,044	56,741	52,830	56,148	59,683	76,453	79,300	61,438	72,762	66,210
Agusan del Sur	128,133	112,699	109,804	110,651	126,499	147,264	145,525	124,672	123,306	132,396
Dinagat Islands	..	1,833	6,437	5,100	4,373	4,930	4,698	4,366	4,244	4,954
Surigao del Norte	54,314	56,550	44,270	48,084	50,053	52,581	48,714	44,671	38,972	38,674
Surigao del Sur	64,715	63,433	68,910	61,719	56,867	72,640	77,720	73,690	71,824	64,151
ARMM	250,400	193,966	203,331	216,608	168,256	201,911	187,071	153,237	134,403	119,244
Basilan	2,535	2,184	3,020	2,797	3,146	4,789	3,397	2,360	2,002	1,446
Lanao del Sur	67,285	67,854	59,864	52,399	54,190	58,784	67,191	37,028	33,282	48,763
Maguindanao	180,580	123,640	140,292	161,187	110,620	138,043	116,483	113,549	98,919	68,735
Sulu	..	288	155	225	300	295	..	300	200	300
Tawi-tawi	..	..	..	..	..	..	..	..	..	0

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.10.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Rainfed Palay										
Philippines	**4,259,398**	**4,183,153**	**3,779,860**	**4,325,131**	**4,636,042**	**4,616,270**	**4,562,110**	**4,211,913**	**4,087,371**	**4,719,028**
CAR	72,874	68,815	65,072	64,292	67,503	65,499	62,877	55,064	48,354	55,448
Abra	26,943	25,626	25,955	27,055	27,114	24,805	23,137	19,396	20,827	21,358
Apayao	32,587	30,632	28,974	27,265	29,571	29,152	28,233	25,249	17,689	22,143
Benguet	2,030	1,851	1,937	1,752	2,136	2,196	2,154	2,239	2,557	2,460
Ifugao	1,868	1,852	1,868	1,701	1,805	1,813	1,813	1,811	1,764	1,796
Kalinga	6,693	6,437	4,655	4,875	4,893	5,396	5,316	4,631	4,219	5,443
Mountain Province	2,753	2,417	1,683	1,644	1,984	2,137	2,224	1,738	1,298	2,248
Ilocos Region	578,002	422,651	450,080	458,566	492,040	480,020	490,765	486,546	499,933	511,848
Ilocos Norte	50,792	39,894	50,129	49,605	51,641	50,338	47,380	46,638	47,596	50,273
Ilocos Sur	93,566	78,867	81,176	84,213	88,261	83,784	80,714	83,555	83,668	87,066
La Union	61,179	42,706	53,139	55,511	56,733	58,988	64,067	60,664	60,185	66,075
Pangasinan	372,465	261,184	265,636	269,237	295,405	286,910	298,604	295,689	308,484	308,434
Cagayan Valley	208,216	234,487	112,637	220,465	248,197	197,979	204,637	186,474	150,915	227,947
Batanes	..	..	..	..	100	9	77	70	12	74
Cagayan	136,840	147,824	68,250	138,956	148,452	103,366	127,925	115,930	87,684	149,280
Isabela	53,409	69,810	34,297	66,113	81,264	76,383	61,885	55,788	47,672	62,275
Nueva Vizcaya	10,876	10,714	8,205	9,901	12,685	12,492	8,072	9,976	11,175	10,043
Quirino	7,091	6,139	1,885	5,495	5,696	5,729	6,678	4,710	4,372	6,275
Central Luzon	303,914	267,939	245,605	229,500	280,792	315,706	342,097	244,530	228,043	292,013
Aurora	6,245	6,382	5,445	4,862	5,649	5,132	4,827	4,795	4,047	6,499
Bataan	3,479	2,444	2,053	1,884	1,571	1,811	2,432	2,048	1,298	1,482
Bulacan	85,244	65,312	63,082	36,873	59,952	59,691	63,702	58,529	48,500	64,864
Nueva Ecija	126,711	127,425	98,194	120,349	134,338	152,347	172,362	106,268	108,273	146,983
Pampanga	14,200	7,659	10,807	9,917	12,319	13,951	16,295	15,369	4,955	6,229
Tarlac	36,627	31,082	34,571	27,982	35,978	47,314	46,785	24,270	42,017	35,583
Zambales	31,408	27,635	31,453	27,633	30,985	35,460	35,694	33,251	18,953	30,373
CALABARZON	87,249	81,782	69,594	78,714	79,866	90,407	72,786	70,051	80,213	86,374
Batangas	16,237	15,257	14,290	11,586	8,970	14,789	12,556	7,813	9,725	11,722
Cavite	4,948	3,746	3,439	3,489	2,713	2,804	1,796	1,673	1,345	1,389
Laguna	1,759	1,542	1,616	1,608	1,839	1,407	521	301	212	216
Quezon	61,361	59,457	48,969	60,230	65,062	65,179	52,777	55,384	63,518	67,470
Rizal	2,944	1,780	1,280	1,801	1,282	6,228	5,136	4,880	5,413	5,577
MIMAROPA	326,718	334,515	263,017	315,596	319,034	307,540	302,539	290,261	288,861	314,349
Marinduque	14,414	13,598	12,919	14,919	10,367	9,266	7,863	8,381	7,842	9,641
Occidental Mindoro	125,944	109,726	89,033	106,695	106,661	102,581	109,137	110,018	111,347	100,397
Oriental Mindoro	68,604	65,439	58,845	72,499	63,952	65,867	56,945	46,994	47,530	56,312
Palawan	105,897	133,043	88,893	107,490	123,677	116,589	114,760	111,855	108,807	132,324
Romblon	11,859	12,709	13,327	13,993	14,377	13,237	13,834	13,013	13,335	15,675
Bicol Region	273,323	305,506	289,091	335,340	358,110	371,035	376,673	341,436	356,588	379,368
Albay	35,312	35,534	35,361	41,438	41,105	41,775	41,913	33,915	31,216	29,635
Camarines Norte	22,013	22,679	20,134	25,346	29,162	30,262	34,471	29,690	29,611	37,468
Camarines Sur	107,506	114,552	106,602	125,819	128,785	137,284	122,500	129,410	144,425	144,270
Catanduanes	17,821	17,062	17,386	25,230	17,476	14,383	17,771	16,843	14,127	18,270
Masbate	70,372	86,671	88,679	87,223	109,050	116,734	126,786	105,254	109,791	114,036
Sorsogon	20,299	29,008	20,929	30,284	32,532	30,598	33,232	26,324	27,418	35,689
Western Visayas	877,388	957,834	782,465	1,056,616	1,135,740	1,002,797	967,432	943,442	902,361	1,116,783
Aklan	55,177	67,679	41,689	60,207	59,128	61,279	47,165	47,211	43,536	50,206
Antique	80,930	87,626	80,159	103,052	98,213	105,101	97,649	101,342	100,503	110,883
Capiz	197,192	246,486	224,611	242,724	255,146	224,382	187,052	159,261	175,956	234,473
Guimaras	37,362	39,012	31,415	36,464	38,803	35,400	38,383	29,972	33,393	43,313
Iloilo	394,679	396,145	285,564	475,022	542,556	434,750	453,380	459,806	413,258	540,261
Negros Occidental	112,048	120,886	119,027	139,147	141,894	141,885	143,803	145,850	135,715	137,647
Central Visayas	119,562	106,760	94,651	117,021	118,194	124,607	123,756	119,028	65,958	108,243
Bohol	107,352	97,183	84,900	101,842	103,781	110,544	109,970	107,215	56,527	95,425
Cebu	760	806	803	1,141	1,247	1,167	1,070	528	411	728
Negros Oriental	11,231	8,458	8,740	13,696	12,970	12,716	12,523	11,131	9,020	11,804
Siquijor	219	313	208	342	196	180	193	154	..	286
Eastern Visayas	398,735	378,995	401,559	415,795	424,722	435,567	431,764	406,069	412,160	412,570
Biliran	1,277	1,095	541	349	261	246	199	199	177	51
Eastern Samar	34,750	34,902	39,703	37,897	41,518	43,418	43,620	43,140	42,493	40,906
Leyte	174,607	157,592	159,461	155,150	153,159	153,550	154,386	141,442	134,491	135,133
Northern Samar	86,337	76,523	82,655	90,939	96,747	101,229	102,225	101,526	95,855	97,316
Southern Leyte	12,152	11,671	10,956	10,374	9,880	8,651	8,404	7,967	7,052	4,765
Samar (Western Samar	89,612	97,212	108,243	121,086	123,157	128,473	122,930	111,795	132,092	134,399
Zamboanga Peninsula	176,474	182,621	176,042	213,458	217,480	229,575	232,677	236,953	199,335	247,055
Zamboanga del Norte	37,664	42,807	41,149	50,768	45,308	57,879	56,600	62,404	44,452	47,718
Zamboanga del Sur	60,340	52,857	55,079	59,929	69,582	68,653	72,609	72,479	63,385	89,147
Zamboanga Sibugay	73,119	81,150	74,099	95,123	94,548	95,224	95,827	95,453	84,328	102,740
Zamboanga City	5,351	5,807	5,715	7,638	8,042	7,819	7,641	6,617	7,170	7,450
Northern Mindanao	43,307	51,692	50,747	59,879	62,922	65,219	70,650	69,594	63,579	73,651
Bukidnon	17,897	23,306	24,918	31,468	32,780	36,001	39,824	40,221	35,731	46,496
Camiguin	9	5	12	12	12	9	3	3	1	0
Lanao del Norte	19,755	22,472	19,961	22,162	24,072	22,383	23,586	22,360	21,666	20,510
Misamis Occidental	4,238	4,082	4,812	4,831	4,967	5,708	5,760	5,688	5,345	5,545
Misamis Oriental	1,408	1,827	1,044	1,406	1,091	1,118	1,477	1,322	836	1,100
Davao Region	40,867	37,435	35,596	37,790	43,268	44,390	45,474	32,815	32,420	40,415
Davao del Norte	7,008	10,497	6,721	7,408	8,400	10,740	10,164	7,174	6,800	8,559
Davao del Sur	1,606	1,328	1,326	445	525	778	875	881	595	1,206
Davao Oriental	13,681	9,455	10,445	10,346	12,192	11,930	13,136	9,810	9,692	11,455
Compostela Valley	12,778	11,156	12,459	13,926	16,579	15,657	15,860	11,212	12,813	15,832
Davao City	5,794	4,999	4,645	5,665	5,572	5,285	5,439	3,738	2,520	3,363
SOCCSKSARGEN	236,367	232,045	200,072	226,539	241,940	245,787	249,363	222,198	197,495	217,935
North Cotabato	123,982	117,069	102,271	113,067	118,450	112,349	111,360	97,735	85,222	98,108
Sarangani	10,732	13,547	13,264	13,694	13,541	11,849	12,468	11,908	9,514	8,569
South Cotabato	35,701	40,628	33,468	42,152	44,920	49,642	52,204	45,212	42,245	52,173
Sultan Kudarat	65,952	60,801	51,069	57,626	65,029	71,947	73,331	67,343	60,514	59,085
Caraga	135,111	134,295	123,620	135,295	171,730	229,970	218,542	172,475	151,074	176,290
Agusan del Norte	25,471	19,274	15,240	14,687	13,912	18,981	20,486	14,753	14,550	14,742
Agusan del Sur	69,435	64,178	65,529	84,359	113,882	157,907	146,494	108,854	99,114	114,957
Dinagat Islands	..	503	2,272	1,493	1,454	1,997	1,809	1,770	1,656	2,105
Surigao del Norte	20,896	23,245	17,601	16,095	14,799	17,140	14,980	15,905	10,636	13,885
Surigao del Sur	19,309	27,095	22,978	18,661	27,683	33,945	34,773	31,193	25,118	30,601
ARMM	381,291	385,781	420,012	360,265	374,504	410,172	370,078	334,978	410,083	458,740
Basilan	1,922	1,119	1,720	1,449	970	389	402	350	154	243
Lanao del Sur	123,011	107,825	117,896	118,551	132,490	131,069	96,926	112,326	104,384	132,899
Maguindanao	252,009	273,079	296,665	236,910	237,503	276,017	270,051	219,709	303,617	323,189
Sulu	3,450	2,914	2,770	2,397	2,645	2,054	2,050	2,102	1,650	2,156
Tawi-tawi	899	844	961	958	896	643	649	491	278	253

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.10.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Corn										
Philippines	**6,928,225**	**7,034,033**	**6,376,796**	**6,971,221**	**7,407,068**	**7,377,293**	**7,770,603**	**7,518,756**	**7,218,817**	**7,914,908**
CAR	196,421	201,773	172,195	218,788	225,135	242,074	244,576	237,823	199,355	242,850
Abra	9,238	11,737	12,102	15,841	16,139	16,153	16,618	16,170	16,152	16,262
Apayao	17,162	17,845	16,666	22,946	26,001	32,748	32,211	31,885	29,323	35,986
Benguet	38	38	38	34	34	36	37	37	42	40
Ifugao	88,938	83,511	84,285	93,847	97,183	106,449	119,409	111,658	93,265	103,540
Kalinga	55,207	65,193	46,112	65,505	64,166	64,944	54,975	53,771	44,145	63,076
Mountain Province	25,838	23,449	12,992	20,615	21,612	21,744	21,326	24,302	16,428	23,946
Ilocos Region	363,662	351,103	358,445	387,882	434,720	447,503	476,741	490,943	508,024	556,462
Ilocos Norte	58,574	58,368	53,553	52,157	53,698	55,731	58,382	60,898	61,424	62,672
Ilocos Sur	72,472	64,672	55,341	63,579	69,447	73,267	76,508	78,711	83,765	89,485
La Union	21,387	20,535	19,030	23,076	26,395	28,898	32,166	32,216	31,644	38,440
Pangasinan	211,229	207,528	230,521	249,070	285,180	289,607	309,685	319,118	331,191	365,865
Cagayan Valley	1,476,879	1,598,198	1,263,614	1,601,687	1,875,623	1,713,891	1,856,715	1,801,194	1,678,813	1,837,480
Batanes	..	..	..	..	238	217	397	219	178	246
Cagayan	297,984	335,604	261,240	371,800	432,333	361,171	431,235	456,344	405,570	499,775
Isabela	1,009,420	1,052,008	863,899	1,049,954	1,209,524	1,177,200	1,175,322	1,118,942	1,043,743	1,097,314
Nueva Vizcaya	57,769	63,354	43,389	58,966	66,705	59,488	73,342	74,180	67,275	77,491
Quirino	111,706	147,232	95,086	120,967	166,823	115,815	176,419	151,509	162,047	162,654
Central Luzon	225,915	217,245	197,890	188,494	210,574	227,765	240,870	271,319	259,546	258,746
Aurora	24,381	25,945	18,395	13,386	21,146	21,527	22,583	23,696	26,403	22,557
Bataan	5,287	7,102	9,361	8,814	7,230	10,753	7,391	9,555	8,380	7,424
Bulacan	1,635	1,895	2,532	2,267	2,580	3,270	3,666	4,684	3,975	4,096
Nueva Ecija	21,501	19,623	15,103	15,135	19,352	24,435	25,804	33,071	31,930	38,459
Pampanga	53,137	50,554	49,447	47,478	49,021	54,331	58,157	60,487	62,360	60,805
Tarlac	118,472	110,684	102,666	100,888	110,633	112,107	122,226	138,616	124,800	124,368
Zambales	1,502	1,442	386	526	612	1,342	1,043	1,210	1,698	1,037
CALABARZON	60,319	51,949	60,209	57,557	58,657	75,165	74,329	64,823	96,821	92,762
Batangas	20,030	20,228	24,280	21,187	15,323	22,918	21,350	12,354	15,371	14,794
Cavite	1,975	3,413	1,944	2,497	2,559	2,654	1,704	2,323	1,765	2,130
Laguna	4,685	3,654	2,708	2,622	2,864	2,804	2,249	3,543	3,842	4,291
Quezon	32,867	23,936	30,333	30,271	36,776	45,449	47,366	44,622	75,095	69,625
Rizal	762	718	944	980	1,135	1,340	1,660	1,981	748	1,922
MIMAROPA	110,088	103,906	67,712	84,173	87,223	104,678	107,723	125,492	114,604	121,098
Marinduque	241	699	147	160	149	267	164	312	278	393
Occidental Mindoro	67,083	71,147	57,098	59,478	67,621	85,500	84,827	100,185	86,988	92,120
Oriental Mindoro	2,549	2,350	444	1,280	822	1,272	3,824	4,808	5,685	5,713
Palawan	39,449	28,598	9,084	22,527	17,873	16,909	18,272	19,517	20,566	21,421
Romblon	766	1,112	939	728	758	730	636	670	1,087	1,451
Bicol Region	202,675	197,116	174,479	215,025	230,545	258,115	285,647	243,908	259,375	287,005
Albay	48,481	54,951	49,391	51,500	57,556	59,436	60,665	53,469	58,775	56,130
Camarines Norte	2,141	1,891	797	1,446	1,617	1,800	1,558	2,048	2,138	2,297
Camarines Sur	110,704	96,549	85,667	125,730	136,233	161,863	187,260	153,320	161,904	187,432
Catanduanes	179	230	226	243	261	322	373	555	538	1,658
Masbate	40,778	41,590	38,313	36,056	34,692	34,470	35,397	33,987	35,440	39,086
Sorsogon	392	1,905	85	50	186	224	394	529	580	402
Western Visayas	350,259	272,844	247,997	309,915	330,782	345,527	368,404	350,391	283,671	301,286
Aklan	482	1,585	795	2,817	1,857	3,158	2,661	2,431	2,688	3,004
Antique	8,942	9,864	1,720	4,749	5,502	4,538	5,370	4,248	4,533	6,219
Capiz	58,693	57,930	41,550	47,083	50,798	52,658	59,066	62,915	56,241	56,299
Guimaras	1,108	1,263	703	715	613	626	923	637	796	1,111
Iloilo	198,534	124,546	122,141	164,839	175,945	174,798	148,747	143,131	89,246	87,911
Negros Occidental	82,500	77,656	81,088	89,712	96,067	109,749	151,637	137,029	130,167	146,742
Central Visayas	175,260	186,479	178,413	177,297	172,138	173,225	164,197	150,051	156,729	146,470
Bohol	12,345	11,970	12,905	11,954	11,611	12,703	12,363	11,904	11,736	10,764
Cebu	91,624	104,568	98,844	95,503	90,518	91,059	86,517	84,300	84,346	78,209
Negros Oriental	64,583	57,299	60,402	63,721	64,535	63,949	60,576	48,718	55,850	52,258
Siquijor	6,708	12,642	6,262	6,119	5,474	5,514	4,741	5,129	4,797	5,239
Eastern Visayas	96,594	94,821	90,215	83,992	87,333	89,327	88,162	91,145	81,603	73,481
Biliran	812	827	722	733	745	729	748	747	752	703
Eastern Samar	433	495	559	534	593	571	609	640	456	595
Leyte	67,880	64,397	59,441	52,427	55,392	58,175	58,601	62,238	53,955	47,442
Northern Samar	12,577	13,092	12,774	13,779	14,352	14,800	15,351	15,204	14,922	14,427
Southern Leyte	7,665	7,692	7,590	7,321	7,118	5,809	5,631	5,149	4,205	3,153
Samar (Western Samar	7,227	8,318	9,129	9,198	9,133	9,243	7,222	7,167	7,313	7,161
Zamboanga Peninsula	181,809	177,248	195,349	200,091	211,331	207,787	223,342	220,180	258,951	234,455
Zamboanga del Norte	21,285	34,077	41,161	31,475	30,352	38,247	55,490	42,719	56,860	58,552
Zamboanga del Sur	141,520	114,733	125,186	141,189	154,724	142,238	137,204	144,596	164,625	134,013
Zamboanga Sibugay	11,643	19,297	19,953	17,658	15,871	15,913	17,543	19,379	23,388	27,995
Zamboanga City	7,361	9,141	9,049	9,769	10,384	11,389	13,105	13,486	14,079	13,895
Northern Mindanao	1,127,564	1,170,624	1,153,239	1,212,208	1,228,754	1,185,036	1,196,542	1,216,302	1,223,116	1,287,303
Bukidnon	740,869	777,256	777,642	810,054	845,514	804,487	805,845	821,380	802,065	844,368
Camiguin	572	470	495	508	550	516	436	376	361	567
Lanao del Norte	249,641	248,479	232,986	244,669	223,899	221,899	220,483	232,668	254,779	267,310
Misamis Occidental	41,186	47,607	49,541	48,785	49,438	50,455	57,641	55,834	56,105	58,415
Misamis Oriental	95,296	96,812	92,575	108,192	109,353	107,679	112,137	106,044	109,806	116,643
Davao Region	286,410	225,078	202,354	191,213	198,627	227,013	280,293	224,100	219,089	256,735
Davao del Norte	41,982	31,301	23,531	22,595	21,648	20,697	26,272	20,135	18,682	24,874
Davao del Sur	89,343	69,342	56,473	57,687	63,302	85,722	111,515	96,308	83,854	98,448
Davao Oriental	67,245	49,080	53,064	44,794	43,777	48,976	47,217	37,783	44,208	55,807
Compostela Valley	60,956	51,434	48,406	45,693	50,126	47,174	68,429	45,859	49,939	54,037
Davao City	26,884	23,921	20,880	20,444	19,774	24,444	26,860	24,015	22,406	23,569
SOCCSKSARGEN	1,117,781	1,146,629	1,064,448	1,170,554	1,201,331	1,305,607	1,338,065	1,239,275	1,144,010	1,257,177
North Cotabato	368,162	360,031	325,173	379,947	385,478	414,394	414,630	369,766	317,336	343,070
Sarangani	136,124	135,957	124,405	134,949	145,479	163,069	169,456	153,288	136,363	151,274
South Cotabato	409,076	424,549	412,832	428,718	435,981	472,945	500,738	472,567	452,607	496,459
Sultan Kudarat	204,419	226,092	202,038	226,940	234,393	255,199	253,241	243,654	237,704	266,374
Caraga	99,916	88,591	94,571	75,684	89,521	107,476	125,406	118,774	144,529	119,980
Agusan del Norte	17,991	7,202	8,907	9,750	9,840	13,018	15,153	16,370	24,856	19,276
Agusan del Sur	69,516	67,355	77,849	60,357	70,673	82,921	97,864	93,791	109,559	88,507
Dinagat Islands	..	213	13	7	16	19	63	122	215	298
Surigao del Norte	1,377	1,537	1,332	924	725	1,096	1,558	1,386	983	895
Surigao del Sur	11,032	12,284	6,470	4,646	8,267	10,422	10,768	7,105	8,916	11,004
ARMM	856,673	950,429	855,666	796,661	764,774	667,104	699,591	673,036	590,580	841,618
Basilan	1,627	433	316	344	338	160	186	197	165	186
Lanao del Sur	299,034	338,202	296,070	281,718	269,458	280,023	232,513	241,671	238,625	370,425
Maguindanao	553,288	609,046	556,558	512,078	492,737	384,912	464,984	429,164	350,133	469,162
Sulu	1,120	1,149	1,025	1,064	1,021	1,042	1,104	1,167	1,037	1,185
Tawi-tawi	1,604	1,599	1,697	1,457	1,220	967	804	837	620	660

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.10.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
White Corn										
Philippines	**2,254,567**	**2,316,434**	**2,169,103**	**2,150,222**	**2,165,548**	**2,129,091**	**2,262,234**	**2,134,673**	**2,022,508**	**2,104,201**
CAR	15,224	16,688	15,677	20,147	20,345	20,256	20,680	19,871	17,993	17,888
Abra	8,479	10,850	11,193	14,937	15,260	15,278	15,733	15,333	15,287	15,397
Apayao	1,637	1,373	835	1,351	1,057	997	918	922	840	984
Benguet	33	33	33	31	31	33	34	34	30	30
Ifugao	2,501	1,773	1,527	1,395	1,765	1,747	1,830	1,768	760	222
Kalinga	2,269	2,388	1,802	2,184	1,933	1,912	1,860	1,724	1,016	1,068
Mountain Province	305	271	287	249	299	289	305	90	60	187
Ilocos Region	57,377	53,331	47,413	52,753	51,461	52,737	51,094	48,202	45,921	47,717
Ilocos Norte	15,858	16,855	15,068	14,040	14,290	15,718	13,957	13,284	12,801	12,358
Ilocos Sur	6,448	6,450	8,361	8,970	8,878	11,364	10,991	10,156	9,674	11,037
La Union	10,130	9,562	7,773	8,621	7,448	7,954	9,406	9,114	7,497	8,645
Pangasinan	24,941	20,464	16,211	21,122	20,845	17,701	16,740	15,648	15,949	15,677
Cagayan Valley	64,368	71,298	50,907	56,787	66,645	53,933	46,489	43,846	38,071	34,129
Batanes	..	..	..	..	44	35	59	42	27	37
Cagayan	20,289	28,336	18,276	25,819	35,675	31,238	27,133	27,255	23,321	15,618
Isabela	38,954	39,152	28,897	25,768	26,401	19,094	14,488	11,998	10,472	14,202
Nueva Vizcaya	3,973	3,304	3,294	4,507	3,982	3,180	4,201	3,979	3,555	2,614
Quirino	1,152	506	440	693	543	386	608	572	696	1,658
Central Luzon	23,458	19,100	22,948	21,321	24,238	29,340	29,450	32,014	31,216	37,188
Aurora	1,116	575	717	421	792	934	1,445	2,003	2,189	2,278
Bataan	1,545	1,282	1,836	1,571	1,214	1,878	1,493	1,814	1,678	1,602
Bulacan	1,490	1,672	2,423	2,170	2,480	3,166	3,552	4,348	3,818	4,096
Nueva Ecija	8,053	7,223	10,045	9,738	11,861	12,268	12,872	13,229	13,624	19,215
Pampanga	9,892	7,298	7,064	6,120	6,648	7,432	7,790	8,095	7,212	7,517
Tarlac	1,245	910	718	1,152	1,083	3,323	2,011	1,951	2,229	2,212
Zambales	117	140	145	149	160	339	287	574	466	268
CALABARZON	31,084	28,684	35,665	32,717	30,090	36,217	30,936	25,402	30,867	29,998
Batangas	14,471	13,578	18,551	16,982	10,018	16,677	16,250	8,266	10,408	12,617
Cavite	918	2,068	905	1,567	1,511	1,554	684	1,198	1,438	1,548
Laguna	2,235	1,846	2,265	2,118	2,297	2,120	1,455	1,452	2,155	2,664
Quezon	13,329	11,040	13,757	11,759	15,677	15,242	11,788	13,466	16,577	12,717
Rizal	131	152	187	291	587	624	759	1,020	289	452
MIMAROPA	11,032	15,430	10,654	14,438	14,238	15,463	16,345	16,407	17,287	17,597
Marinduque	149	551	134	160	149	267	164	157	227	248
Occidental Mindoro	7,786	9,360	6,852	6,879	7,160	8,350	7,893	8,932	9,022	9,138
Oriental Mindoro	461	172	143	148	52	150	485	660	690	477
Palawan	2,161	4,575	2,732	6,694	6,189	5,966	7,167	6,027	6,410	6,684
Romblon	475	772	793	557	688	730	636	631	938	1,050
Bicol Region	49,746	50,728	45,564	47,208	47,714	49,177	57,440	55,472	57,685	64,960
Albay	1,394	1,176	2,980	2,220	2,316	3,071	3,874	4,375	5,788	4,698
Camarines Norte	1,409	1,116	500	919	1,041	1,223	1,076	1,438	1,475	1,557
Camarines Sur	9,030	8,033	5,588	8,246	9,595	11,813	18,128	16,601	15,842	20,144
Catanduanes	117	161	167	172	164	198	219	314	312	939
Masbate	37,546	39,475	36,274	35,612	34,476	32,719	33,877	32,552	33,908	37,358
Sorsogon	250	767	55	39	122	153	266	192	360	264
Western Visayas	73,684	58,515	54,249	67,512	74,727	79,528	100,638	95,509	80,871	88,771
Aklan	82	231	202	224	485	1,065	761	757	598	526
Antique	704	810	252	479	568	518	586	515	472	509
Capiz	281	479	428	462	653	599	1,613	845	782	923
Guimaras	466	630	387	565	537	473	605	425	351	695
Iloilo	33,902	20,993	17,702	26,385	30,672	32,129	26,900	24,559	15,974	13,461
Negros Occidental	38,249	35,372	35,278	39,397	41,812	44,744	70,173	68,408	62,694	72,657
Central Visayas	165,387	180,735	176,985	176,025	171,387	170,026	162,158	148,672	154,614	143,565
Bohol	11,181	11,009	12,708	11,837	11,522	12,193	11,708	11,888	11,732	10,722
Cebu	86,710	101,705	97,935	94,734	90,122	89,323	85,933	83,449	82,817	75,892
Negros Oriental	61,060	55,568	60,142	63,398	64,323	63,253	59,779	48,215	55,268	51,712
Siquijor	6,436	12,453	6,200	6,056	5,420	5,257	4,738	5,120	4,797	5,239
Eastern Visayas	86,634	82,428	77,580	71,228	74,160	76,102	74,783	77,741	68,966	64,535
Biliran	521	556	494	497	507	497	512	512	516	465
Eastern Samar	219	249	281	261	294	303	307	325	258	330
Leyte	61,939	57,241	52,396	45,710	48,374	50,995	51,221	54,733	47,006	43,504
Northern Samar	9,783	10,187	9,520	10,064	10,537	10,890	11,340	11,262	11,068	11,072
Southern Leyte	6,945	6,937	6,889	6,641	6,431	5,282	5,112	4,621	3,728	2,742
Samar (Western Samar	7,227	7,258	8,000	8,055	8,017	8,135	6,291	6,288	6,390	6,422
Zamboanga Peninsula	150,399	145,074	163,986	149,950	167,571	174,905	193,017	185,359	217,648	192,226
Zamboanga del Norte	18,950	26,014	35,735	26,494	28,586	36,533	53,600	39,384	53,110	55,116
Zamboanga del Sur	117,785	96,419	104,115	101,710	120,078	118,158	116,272	121,420	135,490	106,492
Zamboanga Sibugay	10,433	17,957	18,601	16,494	14,008	14,246	15,878	17,572	21,217	22,968
Zamboanga City	3,231	4,684	5,535	5,252	4,899	5,968	7,267	6,983	7,831	7,650
Northern Mindanao	381,578	382,661	372,834	349,754	363,919	355,241	400,628	407,259	463,292	471,610
Bukidnon	68,488	58,318	65,388	48,103	65,247	74,306	116,279	118,668	148,611	141,095
Camiguin	537	417	439	420	449	407	350	282	255	378
Lanao del Norte	220,967	227,772	209,410	200,561	205,799	190,748	186,701	193,374	209,523	221,456
Misamis Occidental	38,032	40,419	45,343	45,492	45,503	46,414	53,181	51,629	51,745	53,978
Misamis Oriental	53,554	55,735	52,254	55,178	46,921	43,366	44,117	43,306	53,158	54,703
Davao Region	188,007	176,406	166,414	153,555	150,704	173,301	212,718	173,226	170,609	197,547
Davao del Norte	9,570	17,594	14,313	11,514	12,820	10,308	14,566	10,694	10,383	13,773
Davao del Sur	73,288	64,888	54,982	52,404	51,387	60,985	85,006	77,012	67,294	75,988
Davao Oriental	52,919	45,144	50,409	43,459	42,854	46,802	45,673	36,355	42,375	52,636
Compostela Valley	37,446	30,144	30,590	29,868	28,714	36,205	48,709	31,363	34,142	37,412
Davao City	14,784	18,636	16,120	16,310	14,929	19,001	18,764	17,802	16,415	17,738
SOCCSKSARGEN	297,311	287,903	246,574	253,808	241,059	269,571	265,174	233,889	217,856	231,011
North Cotabato	93,223	96,514	82,529	78,432	68,558	68,360	71,532	61,819	53,184	54,178
Sarangani	63,951	66,164	59,187	65,451	73,487	80,299	79,774	73,140	66,969	70,457
South Cotabato	79,625	65,446	54,371	58,291	53,732	65,548	62,133	56,995	54,947	53,841
Sultan Kudarat	60,512	59,779	50,487	51,634	45,282	55,364	51,735	41,935	42,756	52,535
Caraga	66,161	54,820	48,908	35,110	44,462	54,195	57,087	56,079	66,270	47,001
Agusan del Norte	13,798	5,051	4,704	5,059	7,770	8,642	9,983	9,696	11,126	8,016
Agusan del Sur	43,194	38,020	38,160	25,467	30,648	36,910	38,846	39,582	46,693	33,779
Dinagat Islands	..	213	13	7	16	19	14	108	154	200
Surigao del Norte	447	880	919	624	424	590	682	642	681	593
Surigao del Sur	8,722	10,656	5,112	3,953	5,604	8,034	7,562	6,051	7,616	4,413
ARMM	593,117	692,633	632,745	647,909	622,829	519,099	543,597	515,725	343,342	418,458
Basilan	1,627	433	316	344	338	160	186	197	165	186
Lanao del Sur	236,218	292,643	250,040	219,303	223,782	211,421	168,935	176,046	168,277	235,553
Maguindanao	352,548	396,809	379,667	425,741	396,468	305,509	372,568	337,478	173,243	180,874
Sulu	1,120	1,149	1,025	1,064	1,021	1,042	1,104	1,167	1,037	1,185
Tawi-tawi	1,604	1,599	1,697	1,457	1,220	967	804	837	620	660

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.10.1
PALAY AND CORN: VOLUME OF PRODUCTION BY ECOSYSTEM/CROPTYPE & GEOLOCATION *(continued)*
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Yellow Corn										
Philippines	**4,673,658**	**4,717,599**	**4,207,693**	**4,820,999**	**5,241,520**	**5,248,203**	**5,508,369**	**5,384,083**	**5,196,309**	**5,810,708**
CAR	181,197	185,085	156,518	198,641	204,790	221,818	223,896	217,952	181,362	224,962
Abra	759	887	909	904	879	875	885	837	865	865
Apayao	15,525	16,472	15,831	21,595	24,944	31,751	31,293	30,963	28,483	35,002
Benguet	5	5	5	3	3	3	3	3	12	10
Ifugao	86,437	81,738	82,758	92,452	95,418	104,702	117,579	109,890	92,505	103,318
Kalinga	52,938	62,805	44,310	63,321	62,233	63,032	53,115	52,047	43,129	62,008
Mountain Province	25,533	23,178	12,705	20,366	21,313	21,455	21,021	24,212	16,368	23,759
Ilocos Region	306,285	297,772	311,032	335,129	383,259	394,766	425,647	442,741	462,103	508,745
Ilocos Norte	42,716	41,513	38,485	38,117	39,408	40,013	44,425	47,614	48,623	50,314
Ilocos Sur	66,024	58,222	46,980	54,609	60,569	61,903	65,517	68,555	74,091	78,448
La Union	11,257	10,973	11,257	14,455	18,947	20,944	22,760	23,102	24,147	29,795
Pangasinan	186,288	187,064	214,310	227,948	264,335	271,906	292,945	303,470	315,242	350,188
Cagayan Valley	1,412,511	1,526,900	1,212,707	1,544,900	1,808,978	1,659,959	1,810,226	1,757,348	1,640,741	1,803,351
Batanes	..	..	..	..	194	183	338	177	150	209
Cagayan	277,695	307,268	242,964	345,981	396,658	329,933	404,102	429,089	382,249	484,157
Isabela	970,466	1,012,856	835,002	1,024,186	1,183,123	1,158,106	1,160,834	1,106,944	1,033,271	1,083,112
Nueva Vizcaya	53,796	60,050	40,095	54,459	62,723	56,308	69,141	70,201	63,720	74,877
Quirino	110,554	146,726	94,646	120,274	166,280	115,429	175,811	150,937	161,351	160,996
Central Luzon	202,457	198,145	174,942	167,173	186,336	198,425	211,420	239,305	228,330	221,558
Aurora	23,265	25,370	17,678	12,965	20,354	20,593	21,138	21,693	24,214	20,279
Bataan	3,742	5,820	7,525	7,243	6,016	8,875	5,898	7,741	6,702	5,822
Bulacan	145	223	109	97	100	104	114	336	157	0
Nueva Ecija	13,448	12,400	5,058	5,397	7,491	12,167	12,932	19,842	18,306	19,244
Pampanga	43,245	43,256	42,383	41,358	42,373	46,899	50,367	52,392	55,148	53,288
Tarlac	117,227	109,774	101,948	99,736	109,550	108,784	120,215	136,665	122,571	122,156
Zambales	1,385	1,302	241	377	452	1,003	756	636	1,232	769
CALABARZON	29,235	23,265	24,544	24,840	28,567	38,948	43,393	39,421	65,954	62,764
Batangas	5,559	6,650	5,729	4,205	5,305	6,241	5,100	4,088	4,963	2,177
Cavite	1,057	1,345	1,039	930	1,048	1,100	1,020	1,125	327	582
Laguna	2,450	1,808	443	504	567	684	794	2,091	1,687	1,627
Quezon	19,538	12,896	16,576	18,512	21,099	30,207	35,578	31,156	58,518	56,908
Rizal	631	566	757	689	548	716	901	961	459	1,470
MIMAROPA	99,056	88,476	57,058	69,735	72,985	89,215	91,378	109,085	97,317	103,501
Marinduque	92	148	13	..	..	..	..	155	51	145
Occidental Mindoro	59,297	61,787	50,246	52,599	60,461	77,150	76,934	91,253	77,966	82,982
Oriental Mindoro	2,088	2,178	301	1,132	770	1,122	3,339	4,148	4,995	5,236
Palawan	37,288	24,023	6,352	15,833	11,684	10,943	11,105	13,490	14,156	14,737
Romblon	291	340	146	171	70	..	..	39	149	401
Bicol Region	152,929	146,388	128,915	167,817	182,831	208,938	228,207	188,436	201,690	222,045
Albay	47,087	53,775	46,411	49,280	55,240	56,365	56,791	49,094	52,987	51,432
Camarines Norte	732	775	297	527	576	577	482	610	663	740
Camarines Sur	101,674	88,516	80,079	117,484	126,638	150,050	169,132	136,719	146,062	167,288
Catanduanes	62	69	59	71	97	124	154	241	226	719
Masbate	3,232	2,115	2,039	444	216	1,751	1,520	1,435	1,532	1,728
Sorsogon	142	1,138	30	11	64	71	128	337	220	138
Western Visayas	276,575	214,329	193,748	242,403	256,055	265,999	267,766	254,882	202,801	212,515
Aklan	400	1,354	593	2,593	1,372	2,093	1,900	1,674	2,090	2,478
Antique	8,238	9,054	1,468	4,270	4,934	4,020	4,784	3,733	4,061	5,710
Capiz	58,412	57,451	41,122	46,621	50,145	52,059	57,453	62,070	55,459	55,376
Guimaras	642	633	316	150	76	153	318	212	446	416
Iloilo	164,632	103,553	104,439	138,454	145,273	142,669	121,847	118,572	73,272	74,450
Negros Occidental	44,251	42,284	45,810	50,315	54,255	65,005	81,464	68,621	67,473	74,085
Central Visayas	9,873	5,744	1,428	1,272	751	3,199	2,039	1,379	2,115	2,905
Bohol	1,164	961	197	117	89	510	655	16	4	42
Cebu	4,914	2,863	909	769	396	1,736	584	851	1,529	2,317
Negros Oriental	3,523	1,731	260	323	212	696	797	503	582	546
Siquijor	272	189	62	63	54	257	3	9	..	0
Eastern Visayas	9,960	12,393	12,635	12,764	13,173	13,225	13,379	13,404	12,637	8,946
Biliran	291	271	228	236	238	232	236	235	236	238
Eastern Samar	214	246	278	273	299	268	302	315	198	265
Leyte	5,941	7,156	7,045	6,717	7,018	7,180	7,380	7,505	6,949	3,938
Northern Samar	2,794	2,905	3,254	3,715	3,815	3,910	4,011	3,942	3,854	3,355
Southern Leyte	720	755	701	680	687	527	519	528	477	411
Samar (Western Samar	..	1,060	1,129	1,143	1,116	1,108	931	879	923	739
Zamboanga Peninsula	31,410	32,174	31,363	50,141	43,760	32,882	30,325	34,821	41,303	42,229
Zamboanga del Norte	2,335	8,063	5,426	4,981	1,766	1,714	1,890	3,335	3,750	3,436
Zamboanga del Sur	23,735	18,314	21,071	39,479	34,646	24,080	20,932	23,176	29,135	27,521
Zamboanga Sibugay	1,210	1,340	1,352	1,164	1,863	1,667	1,665	1,807	2,171	5,027
Zamboanga City	4,130	4,457	3,514	4,517	5,485	5,421	5,838	6,503	6,247	6,245
Northern Mindanao	745,986	787,963	780,405	862,454	864,835	829,795	795,914	809,043	759,824	815,693
Bukidnon	672,381	718,938	712,254	761,951	780,267	730,181	689,566	702,712	653,454	703,273
Camiguin	35	53	56	88	101	109	86	94	106	189
Lanao del Norte	28,674	20,707	23,576	44,108	18,100	31,151	33,782	39,294	45,256	45,854
Misamis Occidental	3,154	7,188	4,198	3,293	3,935	4,041	4,460	4,205	4,360	4,437
Misamis Oriental	41,742	41,077	40,321	53,014	62,432	64,313	68,020	62,738	56,648	61,940
Davao Region	98,403	48,672	35,940	37,658	47,923	53,712	67,575	50,874	48,480	59,188
Davao del Norte	32,412	13,707	9,218	11,081	8,828	10,389	11,706	9,441	8,299	11,101
Davao del Sur	16,055	4,454	1,491	5,283	11,915	24,737	26,509	19,296	16,560	22,460
Davao Oriental	14,326	3,936	2,655	1,335	923	2,174	1,544	1,428	1,833	3,171
Compostela Valley	23,510	21,290	17,816	15,825	21,412	10,969	19,720	14,496	15,797	16,625
Davao City	12,100	5,285	4,760	4,134	4,845	5,443	8,096	6,213	5,991	5,831
SOCCSKSARGEN	820,470	858,726	817,874	916,746	960,272	1,036,036	1,072,891	1,005,386	926,154	1,026,166
North Cotabato	274,939	263,517	242,644	301,515	316,920	346,034	343,098	307,947	264,152	288,892
Sarangani	72,173	69,793	65,218	69,498	71,992	82,770	89,682	80,148	69,394	80,817
South Cotabato	329,451	359,103	358,461	370,427	382,249	407,397	438,605	415,572	397,660	442,618
Sultan Kudarat	143,907	166,313	151,551	175,306	189,111	199,835	201,506	201,719	194,948	213,839
Caraga	33,755	33,771	45,663	40,574	45,059	53,281	68,320	62,695	78,259	72,979
Agusan del Norte	4,193	2,151	4,203	4,691	2,070	4,376	5,170	6,674	13,730	11,260
Agusan del Sur	26,322	29,335	39,689	34,890	40,025	46,011	59,018	54,209	62,866	54,728
Dinagat Islands	..	..	..	..	..	..	50	14	61	98
Surigao del Norte	930	657	413	300	301	506	876	744	302	302
Surigao del Sur	2,310	1,628	1,358	693	2,663	2,388	3,206	1,054	1,300	6,591
ARMM	263,556	257,796	222,921	148,752	141,945	148,005	155,994	157,311	247,238	423,160
Basilan	..	..	..	..	..	..	..	..	..	0
Lanao del Sur	62,816	45,559	46,030	62,415	45,676	68,602	63,578	65,625	70,348	134,872
Maguindanao	200,740	212,237	176,891	86,337	96,269	79,403	92,416	91,686	176,890	288,288
Sulu	..	..	..	..	..	..	..	..	..	0
Tawi-tawi	..	..	..	..	..	..	..	..	..	0

.. Data not available
Totals may not add up due to rounding off
Source: Philippine Statistics Authority

Notes:
Dinagat Islands included in Surigao Norte up to 3rd Quarter of 2009
Revised data for 2012-2013 due to inclusion of Batanes data

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Abaca										
Philippines	**68,385.8**	**65,825.4**	**66,511.8**	**68,612.7**	**68,510.5**	**64,951.6**	**68,053.0**	**70,356.4**	**71,839.8**	**68,841.5**
CAR	13.1	13.3	13.4	13.1	13.2	13.0	11.2	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	13.1	13.3	13.4	13.1	13.2	13.0	11.2	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	79.5	99.5	109.0	110.6	126.0	113.3	95.2	101.7	54.1	55.6
Aurora	79.5	99.5	109.0	110.6	126.0	113.3	95.2	101.7	54.1	55.6
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	24.4	21.4	2.2	3.9	10.9	15.1	2.3	4.1	8.6	9.2
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	3.1	2.1	2.1	2.6	2.8	2.9	2.3	2.1	3.7	3.8
Quezon	21.1	19.0	0.1	1.4	8.1	12.2	..	2.0	4.9	5.4
Rizal	0.2	0.3	..	..	..	..	..	..	..	..
MIMAROPA	71.8	73.9	76.6	88.7	106.2	121.0	149.3	112.9	105.9	116.6
Marinduque	6.4	3.3	3.5	3.6	3.7	3.7	2.5	1.8	1.9	1.6
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	55.2	56.6	62.6	67.6	72.7	75.9	89.7	79.6	66.2	71.3
Palawan	10.3	14.0	10.5	17.5	29.9	41.4	57.0	31.4	37.9	43.6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	18,363.2	18,832.6	20,264.1	22,645.5	23,086.1	24,078.0	28,950.6	29,561.1	30,016.5	26,196.2
Albay	1,404.6	1,407.1	1,473.1	1,440.3	1,515.6	1,617.3	1,368.1	1,365.2	1,478.3	1,354.5
Camarines Norte	188.0	160.3	121.0	113.0	115.5	119.9	123.0	127.1	139.2	143.0
Camarines Sur	390.4	370.2	391.5	792.1	908.9	911.9	856.4	841.2	897.4	809.7
Catanduanes	14,506.4	15,141.1	16,461.4	18,518.9	19,045.0	20,092.3	25,434.6	26,419.0	26,864.2	23,271.8
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	1,873.7	1,753.9	1,817.2	1,781.2	1,501.1	1,336.6	1,168.6	808.6	637.4	617.3
Western Visayas	1,679.2	1,567.9	1,492.4	1,853.4	2,236.5	1,741.3	1,599.1	1,958.8	2,969.7	3,341.7
Aklan	1,172.0	1,135.0	1,089.2	1,417.4	1,731.7	1,355.4	1,207.5	1,480.9	2,461.3	2,801.9
Antique	56.5	62.4	59.9	56.4	51.6	49.6	49.2	58.8	59.0	68.7
Capiz	14.0	15.6	11.9	15.2	19.8	19.9	61.1	93.1	152.6	201.7
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	431.1	350.0	327.1	360.6	428.2	311.0	240.8	264.8	236.7	206.9
Negros Occidental	5.6	5.0	4.4	3.8	5.2	5.4	40.5	61.4	60.1	62.5
Central Visayas	731.3	382.7	332.3	397.1	414.3	414.6	493.0	555.2	507.5	557.7
Bohol	280.3	16.8	38.7	56.3	30.9	16.1	6.3	2.3	1.0	..
Cebu	13.7	15.0	15.0	16.4	21.5	16.9	10.0	14.3	14.1	6.5
Negros Oriental	437.3	350.9	278.6	324.4	361.8	381.6	476.7	538.7	492.4	551.2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	23,779.4	21,239.4	20,326.4	20,023.4	19,190.9	16,597.4	12,849.3	12,752.6	12,492.6	12,671.1
Biliran	306.5	24.9	75.1	127.0	98.9	81.4	69.8	122.8	131.5	133.0
Eastern Samar	410.9	404.5	400.0	397.3	401.0	369.9	292.0	123.0	79.5	17.5
Leyte	10,144.2	9,231.7	8,371.7	7,426.7	6,606.7	4,832.9	1,482.5	1,531.9	1,616.7	1,585.0
Northern Samar	5,049.2	5,204.3	5,447.7	7,195.9	7,329.9	7,433.6	7,579.3	7,550.2	7,241.3	7,234.9
Southern Leyte	1,740.6	1,729.0	1,807.0	1,374.6	1,382.4	1,381.4	1,270.0	1,318.0	1,313.3	1,342.0
Samar (Western Sama	6,128.0	4,645.0	4,225.0	3,501.9	3,372.0	2,498.3	2,155.7	2,106.8	2,110.4	2,358.8
Zamboanga Peninsula	177.1	198.1	231.0	630.8	675.3	589.5	678.6	676.8	597.2	607.3
Zamboanga del Norte	49.5	56.9	73.7	160.9	167.1	174.5	187.0	197.1	169.1	171.7
Zamboanga del Sur	38.4	39.6	38.8	102.5	98.9	111.3	135.0	143.7	134.6	132.0
Zamboanga Sibugay	60.0	71.9	88.2	294.1	302.7	182.6	196.2	152.7	146.2	155.1
Zamboanga City	29.2	29.7	30.3	73.3	106.6	121.2	160.4	183.3	147.3	148.5
Northern Mindanao	1,614.9	1,741.2	1,767.9	1,824.8	2,042.7	2,243.9	3,120.4	3,198.6	3,316.9	3,417.5
Bukidnon	1,400.0	1,430.0	1,455.0	1,515.0	1,447.0	1,470.0	2,260.7	2,317.3	2,385.0	2,517.6
Camiguin	29.4	27.6	18.6	22.1	27.1	27.5	23.2	21.3	22.2	19.0
Lanao del Norte	41.8	112.3	98.0	91.0	109.0	119.0	142.1	156.5	192.0	148.5
Misamis Occidental	47.2	66.3	75.4	77.4	79.6	76.9	79.3	68.5	107.1	98.5
Misamis Oriental	96.5	105.1	120.9	119.2	380.0	550.5	615.0	635.0	610.7	633.9
Davao Region	10,247.2	10,212.5	10,241.7	9,226.2	8,839.2	7,268.6	8,127.2	8,300.2	8,088.9	8,438.6
Davao del Norte	349.5	417.3	466.5	303.3	254.7	233.4	241.9	251.7	239.5	227.5
Davao del Sur	3,349.4	3,205.1	3,134.5	2,930.6	2,979.8	3,067.3	3,205.7	3,227.8	3,141.0	3,348.0
Davao Oriental	5,079.0	5,097.3	5,118.4	4,976.0	4,732.1	3,484.4	4,138.3	4,242.7	4,185.8	4,229.8
Compostela Valley	1,447.3	1,470.7	1,499.9	994.3	848.0	459.6	517.0	553.0	495.8	587.2
Davao City	22.0	22.0	22.4	22.1	24.5	23.9	24.2	25.1	26.8	46.2
SOCCSKSARGEN	741.0	800.3	828.2	878.1	916.5	953.7	1,048.8	1,051.4	1,027.1	1,062.8
North Cotabato	13.1	13.7	13.3	13.2	24.7	47.7	52.7	63.7	46.0	43.7
Sarangani	202.0	208.2	209.5	179.1	170.5	175.0	258.4	252.8	234.0	245.0
South Cotabato	496.4	548.6	576.0	662.6	700.8	715.3	726.3	724.1	716.9	745.3
Sultan Kudarat	29.5	29.8	29.4	23.1	20.5	15.6	11.4	10.9	30.3	28.9
Caraga	6,084.4	5,861.2	6,058.6	6,030.8	5,965.0	5,827.9	6,031.2	7,179.8	7,798.6	7,643.3
Agusan del Norte	550.5	542.6	548.1	508.4	529.2	521.2	547.0	725.4	793.2	838.2
Agusan del Sur	1,410.0	1,369.5	1,392.9	1,509.6	1,505.2	1,674.1	1,857.8	2,069.6	2,539.4	2,796.4
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	28.9	25.4	22.6	17.6	10.7	8.1	5.4	5.1	4.9	4.4
Surigao del Sur	4,095.0	3,923.7	4,095.1	3,995.3	3,920.0	3,624.5	3,621.0	4,379.7	4,461.1	4,004.4
ARMM	4,779.4	4,781.4	4,768.0	4,886.5	4,887.8	4,974.4	4,896.9	4,903.3	4,856.2	4,723.9
Basilan	64.2	65.0	60.7	55.7	48.5	44.5	33.5	24.7	21.5	18.6
Lanao del Sur	1,747.0	1,770.0	1,805.0	1,730.0	1,625.3	1,695.7	1,676.8	1,701.5	1,722.0	1,728.8
Maguindanao	56.3	54.0	50.2	46.0	58.5	37.0	33.3	31.0	27.9	25.8
Sulu	2,910.1	2,890.5	2,850.4	3,053.4	3,154.0	3,196.0	3,152.0	3,145.0	3,084.0	2,950.0
Tawi-tawi	2.0	1.9	1.7	1.4	1.4	1.3	1.3	1.2	0.9	0.8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cacao										
Philippines	**5,148.9**	**5,133.8**	**5,019.4**	**4,856.5**	**4,831.3**	**4,875.8**	**5,427.7**	**6,023.3**	**6,262.8**	**7,009.1**
CAR	13.4	14.0	13.8	14.0	14.5	21.1	27.7	31.0	30.9	22.4
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	7.3	7.7	7.6	7.3	7.4	12.8	19.6	21.9	21.3	15.2
Benguet	4.1	4.1	4.0	3.9	3.4	3.2	3.0	3.2	3.1	3.2
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	2.0	2.2	2.2	2.9	3.7	5.1	5.1	6.0	5.5	2.9
Mountain Province	..	..	..	..	..	..	..	..	1.0	1.1
Ilocos Region	50.2	48.6	46.3	44.9	42.3	39.2	40.1	40.0	40.4	41.9
Ilocos Norte	5.7	6.2	6.5	7.0	7.8	8.0	8.3	8.5	9.4	9.7
Ilocos Sur	4.3	4.8	5.1	5.3	5.3	5.4	5.6	6.0	6.6	6.5
La Union	14.0	13.6	11.4	11.6	11.2	10.9	12.1	11.5	9.9	10.7
Pangasinan	26.2	24.0	23.3	21.0	18.0	14.9	14.2	14.0	14.5	15.0
Cagayan Valley	109.0	115.8	82.6	63.5	61.6	69.4	74.7	90.8	125.4	111.7
Batanes	..	..	..	..	0.2	0.2	0.1	0.2	0.1	..
Cagayan	72.2	75.4	45.6	47.4	50.6	56.5	60.9	72.2	80.9	64.4
Isabela	30.8	31.8	29.7	8.3	6.7	7.2	8.9	9.6	12.7	15.1
Nueva Vizcaya	4.3	6.3	5.3	5.0	4.0	3.3	2.8	6.1	29.3	29.7
Quirino	1.8	2.3	2.0	2.8	..	2.3	2.0	2.7	2.3	2.6
Central Luzon	39.5	41.0	42.2	43.6	45.6	44.8	47.9	54.1	87.3	95.0
Aurora	35.0	37.0	38.7	40.1	42.8	41.9	45.0	51.3	83.8	92.2
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	4.5	4.0	3.5	3.5	2.9	3.0	2.9	2.8	2.7	2.8
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	0.8	..
CALABARZON	22.6	22.1	21.6	21.5	20.1	19.5	20.4	13.9	17.1	18.9
Batangas	2.6	2.6	2.5	2.3	1.5	1.0	0.5	0.5	0.4	0.6
Cavite	7.1	7.3	7.3	7.1	7.3	7.7	7.6	7.5	7.7	8.7
Laguna	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.8
Quezon	12.4	11.7	11.4	11.7	10.8	10.3	11.8	5.4	8.6	8.8
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	44.1	49.0	57.0	60.8	64.1	65.6	82.5	91.7	84.3	84.8
Marinduque	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.2	1.9	1.6
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	28.3	26.2	23.9	22.9	22.4	20.0	20.4	19.7	13.5	12.7
Palawan	12.5	19.3	29.7	34.5	38.3	42.2	58.8	68.5	67.6	69.3
Romblon	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2
Bicol Region	29.0	30.1	31.4	31.5	33.0	34.2	34.8	35.8	38.0	37.1
Albay	12.1	12.6	13.2	12.9	13.9	14.8	14.4	14.2	15.3	15.3
Camarines Norte	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.4	1.4
Camarines Sur	8.7	9.3	9.5	9.7	9.8	9.8	10.8	11.5	12.8	11.7
Catanduanes	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.1	0.9
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	6.4	6.4	6.9	6.9	7.2	7.5	7.4	7.9	7.5	7.8
Western Visayas	76.9	73.7	67.0	59.2	61.9	62.6	60.4	65.1	67.5	74.0
Aklan	6.5	5.7	4.5	3.4	2.6	2.4	2.1	0.9	0.6	1.8
Antique	6.0	5.5	5.0	4.8	4.6	4.5	4.4	4.3	4.0	3.8
Capiz	7.0	7.3	8.9	8.4	9.8	9.3	9.0	8.9	8.6	8.9
Guimaras	2.5	2.2	2.0	1.7	1.6	1.6	2.0	2.1	2.2	2.3
Iloilo	40.1	39.7	35.3	31.3	34.1	36.6	35.3	41.2	44.7	49.9
Negros Occidental	14.9	13.3	11.4	9.6	9.3	8.2	7.8	7.7	7.3	7.4
Central Visayas	64.6	61.5	54.2	52.7	54.0	57.1	55.6	62.9	76.9	90.6
Bohol	22.6	22.8	21.1	22.2	24.2	25.4	22.1	28.6	42.3	55.4
Cebu	13.5	14.1	12.3	11.4	11.6	14.6	17.3	18.3	18.7	19.1
Negros Oriental	22.8	19.0	14.9	13.7	11.8	11.1	9.5	8.9	10.5	10.2
Siquijor	5.6	5.6	5.9	5.5	6.5	5.9	6.6	7.1	5.6	5.8
Eastern Visayas	129.0	127.3	122.0	116.6	114.4	95.9	78.7	75.1	72.5	69.9
Biliran	25.6	24.9	22.8	21.5	20.8	18.4	17.5	16.7	16.6	17.1
Eastern Samar	22.6	22.9	23.0	22.8	23.1	22.2	16.3	11.0	9.5	5.9
Leyte	20.4	19.2	17.5	16.8	16.3	13.7	4.7	9.2	10.2	11.0
Northern Samar	25.9	26.5	27.4	28.0	28.7	29.5	30.4	29.7	27.9	28.0
Southern Leyte	2.3	2.4	2.4	2.3	2.3	2.3	2.1	2.3	2.3	2.4
Samar (Western Sama	32.3	31.4	29.0	25.2	23.3	9.8	7.7	6.3	6.0	5.7
Zamboanga Peninsula	135.3	132.4	121.6	112.4	115.2	103.5	128.3	131.0	127.3	144.6
Zamboanga del Norte	79.4	82.7	77.6	76.6	82.8	69.6	80.1	83.5	83.2	99.6
Zamboanga del Sur	30.7	23.6	18.7	13.6	11.6	9.5	8.5	8.4	7.7	8.1
Zamboanga Sibugay	16.2	16.6	16.4	14.8	14.9	18.2	33.7	33.2	30.4	30.8
Zamboanga City	9.1	9.4	8.9	7.3	6.0	6.3	6.0	6.0	6.0	6.0
Northern Mindanao	550.9	561.6	554.5	396.1	220.9	196.3	175.9	164.1	180.2	194.4
Bukidnon	455.0	466.0	462.0	310.0	140.0	115.0	95.0	88.0	106.0	119.0
Camiguin	9.2	8.4	8.0	7.6	6.4	6.6	6.3	6.2	6.8	8.4
Lanao del Norte	59.8	60.4	56.9	54.0	51.3	52.9	49.0	43.5	41.6	39.6
Misamis Occidental	16.3	16.8	16.1	15.9	16.0	16.1	17.7	17.8	17.4	18.0
Misamis Oriental	10.6	9.9	11.5	8.6	7.3	5.7	7.9	8.5	8.3	9.4
Davao Region	3,469.7	3,509.9	3,506.3	3,617.1	3,762.9	3,844.3	4,365.9	4,920.3	5,073.8	5,753.0
Davao del Norte	319.1	313.9	332.8	342.0	346.6	371.8	829.7	914.6	945.3	999.2
Davao del Sur	1,669.3	1,682.2	1,664.7	1,680.8	1,710.0	1,718.0	1,428.4	1,703.5	1,702.5	1,750.1
Davao Oriental	481.5	486.5	491.2	506.2	485.3	483.1	494.0	510.1	507.3	521.2
Compostela Valley	167.6	177.3	181.2	204.6	206.3	141.6	287.2	316.7	311.9	421.1
Davao City	832.2	850.1	836.4	883.5	1,014.8	1,129.7	1,326.7	1,475.4	1,606.8	2,061.5
SOCCSKSARGEN	83.2	79.4	73.4	72.7	74.0	79.1	93.5	103.8	93.2	109.3
North Cotabato	13.3	11.8	10.1	10.6	13.3	19.3	30.0	41.2	37.4	50.7
Sarangani	36.4	34.9	32.2	30.4	28.8	27.8	27.5	27.5	26.8	27.7
South Cotabato	27.9	27.7	26.3	27.6	27.8	28.1	30.1	29.0	23.1	23.7
Sultan Kudarat	5.5	5.0	4.8	4.2	4.1	4.0	5.9	6.2	6.0	7.2
Caraga	213.2	157.4	124.1	58.6	63.4	57.8	59.4	60.3	65.3	80.7
Agusan del Norte	102.7	84.5	54.1	6.5	5.6	7.1	7.5	9.6	9.9	12.1
Agusan del Sur	62.5	27.1	23.9	23.4	31.9	25.1	29.8	30.7	37.0	49.7
Dinagat Islands	..	..	..	..	..	2.0	1.3	1.6	1.8	1.4
Surigao del Norte	29.1	29.2	28.8	14.8	11.5	8.6	7.0	4.5	2.8	2.8
Surigao del Sur	19.0	16.6	17.4	13.9	14.5	15.0	13.8	13.9	13.9	14.7
ARMM	118.2	110.1	101.5	91.4	83.3	85.5	82.1	83.7	82.8	81.0
Basilan	3.9	3.9	3.7	3.4	3.1	3.0	2.8	2.7	2.5	1.9
Lanao del Sur	64.2	61.2	59.1	55.4	52.0	56.0	53.8	56.6	56.8	56.7
Maguindanao	3.5	3.3	2.9	2.8	2.6	2.3	2.5	2.3	2.1	2.1
Sulu	43.4	38.8	33.1	27.5	23.3	22.1	21.2	20.4	19.6	18.4
Tawi-tawi	3.3	2.9	2.6	2.3	2.4	2.1	1.9	1.8	1.9	1.8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cashew										
Philippines	**112,334.1**	**111,992.7**	**134,681.2**	**133,388.0**	**132,541.1**	**146,288.7**	**170,852.7**	**205,531.1**	**216,398.1**	**222,540.7**
CAR	1.3	1.3	1.3	1.3	1.3	1.2	1.0	0.9	0.2	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1.3	1.3	1.3	1.3	1.3	1.2	1.0	0.9	0.2	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	700.1	730.3	692.2	683.7	708.0	718.7	695.7	703.1	645.5	627.8
Ilocos Norte	13.2	11.5	9.5	8.5	8.2	8.3	8.4	8.8	9.1	9.8
Ilocos Sur	7.6	7.0	6.7	6.2	5.9	5.4	5.2	5.1	4.9	4.6
La Union	5.4	5.3	4.9	4.8	5.0	4.8	4.7	4.0	3.7	3.4
Pangasinan	673.8	706.5	671.2	664.2	688.9	700.2	677.4	685.3	627.9	610.0
Cagayan Valley	70.1	53.6	49.0	45.2	38.7	29.6	24.7	22.9	19.2	17.8
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	2.8	2.9	2.5	1.5	0.8	0.9	0.9	0.9	0.9	0.9
Nueva Vizcaya	67.3	50.8	46.5	43.8	37.9	28.7	23.8	22.0	18.3	16.8
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	7,357.9	7,146.9	7,241.8	6,821.1	6,092.6	5,968.5	5,570.4	5,674.9	5,649.0	5,643.6
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	6,307.0	6,150.0	6,242.0	5,860.0	5,150.0	5,030.0	4,626.0	4,730.0	4,750.0	4,765.6
Bulacan	186.0	180.0	176.0	180.0	182.0	183.0	181.0	179.0	178.0	180.0
Nueva Ecija	550.0	522.5	512.1	509.7	509.0	505.7	505.0	500.0	480.0	468.0
Pampanga	1.3	1.5	1.3	1.0	0.8	0.5	0.4	0.5	0.5	0.4
Tarlac	..	..	..	3.1	2.4	2.6	2.3	2.3	2.0	2.3
Zambales	313.7	292.9	310.5	267.4	248.4	246.8	255.7	263.2	238.6	227.4
CALABARZON	52.3	49.2	47.4	43.5	44.7	44.4	44.4	45.9	44.1	41.2
Batangas	..	..	..	..	..	..	..	0.4	0.3	0.4
Cavite	33.5	31.6	31.2	27.1	28.2	27.6	28.2	27.5	26.7	21.8
Laguna	0.4	0.3	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.1
Quezon	0.4	0.4	0.4	0.3	0.3	0.2	..	..	..	..
Rizal	18.0	16.9	15.6	15.8	15.9	16.3	16.0	18.0	17.0	18.9
MIMAROPA	103,263.1	103,271.7	125,863.7	125,080.1	125,006.0	138,873.9	163,821.6	198,360.2	209,378.9	215,525.4
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	115.0	125.0	135.0	143.0	152.1	165.6	175.4	188.9	195.4	216.3
Oriental Mindoro	..	..	..	..	..	..	..	3.2	2.3	2.5
Palawan	103,148.1	103,146.7	125,728.7	124,937.1	124,853.9	138,708.4	163,646.2	198,168.1	209,181.3	215,306.6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	3.8	3.8	4.0	3.9	3.9	4.0	3.9	4.6	4.4	4.5
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	3.8	3.8	4.0	3.9	3.9	4.0	3.9	4.6	4.4	4.5
Western Visayas	562.8	547.3	596.2	562.8	536.5	546.4	596.9	626.4	572.3	601.4
Aklan	1.0	0.7	0.9	0.5	0.4	0.0	0.1	0.1	0.0	0.1
Antique	5.7	5.4	4.4	4.2	2.6	2.6	2.5	2.4	3.4	3.2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	555.0	540.0	590.0	556.4	531.9	542.3	593.0	622.7	567.7	597.0
Iloilo	0.8	0.8	0.7	1.4	1.3	1.2	1.1	1.0	1.0	0.9
Negros Occidental	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
Central Visayas	69.5	57.1	58.2	47.3	38.9	36.0	29.3	31.0	27.2	23.2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	69.5	57.1	58.2	47.3	38.9	36.0	29.3	31.0	27.2	23.2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	13.9	12.3	10.3	6.7	5.8	5.6	5.2	4.9	4.4	4.1
Zamboanga del Norte	2.1	1.4	1.1	0.3	0.3	0.2	0.1	..	..	..
Zamboanga del Sur	11.0	10.2	8.9	6.4	5.6	5.3	5.1	4.9	4.4	4.1
Zamboanga Sibugay	0.9	0.8	0.4	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	96.8	39.7	43.9	28.2	7.3	10.1	14.3	16.2	16.2	16.3
Bukidnon	60.0	5.0	2.0	1.5	1.0	0.5	..	0.4	1.0	0.8
Camiguin	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1
Lanao del Norte	1.1	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4
Misamis Occidental	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
Misamis Oriental	35.5	33.7	41.0	25.8	5.5	8.8	13.5	15.0	14.5	14.9
Davao Region	116.0	59.0	55.9	49.5	44.4	39.4	35.5	31.7	29.4	27.3
Davao del Norte	6.7	6.2	6.7	6.4	5.8	5.8	6.0	6.2	6.0	5.7
Davao del Sur	8.1	7.6	6.8	7.0	6.6	6.2	6.1	5.7	5.4	4.9
Davao Oriental	97.6	41.6	38.2	34.0	30.3	26.7	22.6	18.9	17.2	15.8
Compostela Valley	1.6	1.6	2.5	1.7	1.5	0.5	0.6	0.7	0.5	0.5
Davao City	2.1	2.1	1.7	0.3	0.2	0.2	0.3	0.2	0.2	0.3
SOCCSKSARGEN	13.9	12.2	11.5	10.9	10.1	9.4	8.9	8.2	6.7	7.4
North Cotabato	7.8	6.0	5.3	4.8	4.2	3.6	3.1	2.5	1.1	1.9
Sarangani	0.4	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3
South Cotabato	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
Sultan Kudarat	4.0	4.1	4.1	4.1	3.9	3.8	3.8	3.8	3.7	3.6
Caraga	12.3	8.1	5.6	3.7	2.8	1.6	1.0	0.4	0.6	0.8
Agusan del Norte	3.0	1.5	..	..	..	..	..	0.0	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	0.3	0.4
Surigao del Norte	7.0	6.1	5.2	3.3	2.5	1.6	1.0	0.4	0.1	0.3
Surigao del Sur	2.3	0.5	0.4	0.4	0.3	..	..	..	0.2	0.2
ARMM	0.2	0.3	0.2	0.2	0.2	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	0.2	0.3	0.2	0.2	0.2	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coconut										
Philippines	**15,319,527.0**	**15,667,565.0**	**15,510,283.0**	**15,244,609.0**	**15,863,801.0**	**15,354,334.0**	**14,696,298.0**	**14,735,189.0**	**13,825,080.0**	**14,049,131.0**
CAR	865.8	906.1	914.0	907.2	952.2	1,078.8	1,173.0	1,165.1	1,037.4	981.4
Abra	185.3	189.0	191.9	190.5	202.8	212.8	220.0	214.9	208.3	203.9
Apayao	235.6	255.2	254.9	248.5	267.7	324.5	374.8	393.1	347.7	324.7
Benguet	15.6	15.5	15.1	15.4	15.1	15.2	15.3	15.0	14.8	15.1
Ifugao	75.6	80.2	86.8	90.3	94.7	104.0	131.1	135.3	141.7	148.7
Kalinga	191.2	192.9	192.2	190.4	195.8	243.0	257.0	238.1	160.4	134.5
Mountain Province	162.5	173.3	173.1	172.3	176.2	179.4	174.7	168.6	164.5	154.6
Ilocos Region	36,144.4	38,023.2	37,378.9	38,476.0	39,316.0	40,482.3	40,977.7	39,463.9	40,158.1	43,624.8
Ilocos Norte	4,046.4	3,933.4	3,933.3	4,156.2	4,438.4	4,589.2	4,896.1	5,088.6	5,198.0	5,381.8
Ilocos Sur	5,354.8	5,463.8	5,376.9	5,134.8	4,956.1	5,032.6	4,841.0	4,610.6	4,716.1	4,861.9
La Union	1,975.8	2,025.2	2,173.0	2,248.1	2,328.9	2,379.2	2,488.0	2,525.3	2,466.3	2,553.7
Pangasinan	24,767.4	26,600.8	25,895.6	26,937.0	27,592.6	28,481.3	28,752.6	27,239.4	27,777.8	30,827.4
Cagayan Valley	77,775.9	71,895.5	67,320.3	59,761.1	66,232.8	71,560.7	74,372.2	77,118.1	77,177.3	73,794.6
Batanes	..	..	..	..	1,415.1	1,134.3	895.7	816.7	664.3	523.2
Cagayan	34,290.3	31,553.6	30,641.7	32,831.6	32,602.4	32,770.6	33,007.2	35,785.4	37,802.9	34,917.6
Isabela	30,403.0	28,286.3	25,582.9	15,678.8	21,168.7	26,679.6	29,424.2	30,235.8	29,050.9	28,313.2
Nueva Vizcaya	10,787.0	9,767.0	8,796.4	9,005.0	8,829.0	8,693.0	8,721.9	7,930.5	7,333.9	7,685.8
Quirino	2,295.6	2,288.6	2,299.3	2,245.7	2,217.6	2,283.3	2,323.2	2,349.8	2,325.3	2,354.7
Central Luzon	189,102.9	199,730.1	210,442.3	212,648.3	209,025.1	179,360.2	189,174.4	167,737.8	100,754.7	106,523.6
Aurora	182,777.0	193,220.0	203,800.0	206,090.0	202,565.0	173,017.0	182,950.0	161,325.0	94,377.0	100,214.1
Bataan	3,676.3	3,852.1	3,910.9	3,782.9	3,691.0	3,563.9	3,391.8	3,622.0	3,665.2	3,610.6
Bulacan	547.2	558.5	563.2	568.5	570.0	581.0	609.5	608.0	629.0	622.5
Nueva Ecija	748.5	765.4	765.9	767.1	772.3	757.8	765.3	747.0	741.7	755.2
Pampanga	192.0	188.5	194.5	198.0	206.0	211.0	216.0	221.1	224.1	220.0
Tarlac	398.5	397.6	393.6	405.7	417.7	434.0	452.2	440.5	434.2	449.7
Zambales	763.4	748.0	814.3	836.1	803.1	795.5	789.7	774.2	683.5	651.6
CALABARZON	1,362,852.0	1,430,128.0	1,394,638.0	1,390,854.0	1,417,439.0	1,434,804.0	1,380,491.0	1,379,298.0	1,517,414.0	1,549,308.0
Batangas	133,935.0	136,030.0	132,300.0	125,930.0	107,439.0	82,952.5	69,256.4	68,371.8	76,826.5	84,506.5
Cavite	38,847.3	40,124.2	39,708.9	40,322.3	40,386.4	41,143.6	36,511.3	35,930.7	41,712.7	44,205.2
Laguna	98,490.8	107,321.9	107,215.7	109,185.6	114,450.1	119,270.9	96,110.1	63,990.1	73,231.6	81,694.9
Quezon	1,090,941.0	1,145,999.0	1,114,764.0	1,114,761.0	1,154,500.0	1,190,719.0	1,177,893.0	1,210,225.0	1,324,913.0	1,338,141.0
Rizal	637.3	653.1	649.1	655.4	663.2	717.3	720.4	780.7	729.8	760.2
MIMAROPA	580,603.4	668,360.7	659,219.3	712,899.7	745,488.5	779,134.5	806,929.0	818,146.1	758,748.5	772,478.6
Marinduque	58,104.3	85,945.7	63,289.4	65,399.2	65,093.1	75,865.4	75,961.1	83,898.9	72,727.2	68,467.4
Occidental Mindoro	9,727.2	10,291.2	10,688.1	11,096.2	11,612.7	11,871.0	12,238.0	12,851.4	13,437.8	14,201.9
Oriental Mindoro	115,396.6	124,740.4	123,770.2	126,006.3	130,224.3	105,679.1	107,130.7	83,985.0	69,713.5	71,130.1
Palawan	181,256.1	216,079.5	240,081.8	289,262.2	309,968.0	357,882.0	397,579.6	413,628.9	385,793.3	399,086.0
Romblon	216,119.2	231,304.0	221,389.8	221,135.9	228,590.5	227,837.0	214,019.5	223,781.9	217,076.8	219,593.1
Bicol Region	1,159,810.0	1,257,221.0	1,269,538.0	1,201,707.0	1,240,459.0	1,255,507.0	1,124,412.0	1,105,743.0	1,081,112.0	1,076,257.0
Albay	149,595.0	155,663.2	161,104.1	160,986.5	171,039.8	180,333.1	105,420.1	102,844.4	109,462.1	112,264.1
Camarines Norte	228,772.3	234,261.0	235,022.0	233,187.0	239,547.0	244,048.0	242,368.5	247,011.7	249,454.5	261,449.8
Camarines Sur	306,314.2	318,602.8	331,017.9	322,149.0	333,822.3	340,451.8	323,599.4	322,705.6	328,927.0	292,177.2
Catanduanes	2,750.7	3,166.6	3,782.3	4,055.4	4,181.4	4,398.1	4,738.8	4,966.5	5,130.7	3,817.6
Masbate	295,882.0	315,810.0	307,107.9	285,829.3	317,015.1	316,654.9	300,424.4	277,812.3	270,439.1	285,080.1
Sorsogon	176,496.3	229,717.7	231,503.9	195,499.8	174,853.3	169,621.7	147,860.3	150,402.9	117,698.5	121,468.5
Western Visayas	482,735.6	478,330.8	472,744.9	459,783.7	477,952.5	470,652.7	359,825.9	410,887.9	435,057.2	467,671.3
Aklan	107,140.2	106,264.5	109,061.9	110,727.6	109,663.8	98,632.4	44,227.4	48,472.0	50,703.0	52,380.4
Antique	67,818.0	69,391.8	67,491.7	67,434.8	70,704.0	75,411.2	72,450.8	82,600.0	84,833.0	107,346.6
Capiz	89,286.3	87,663.0	90,631.4	90,666.2	97,890.6	91,161.7	42,580.3	64,711.1	75,260.2	76,196.2
Guimaras	21,787.3	22,733.0	24,316.6	23,763.2	26,442.9	26,675.0	27,816.8	29,908.6	29,566.9	30,677.3
Iloilo	79,259.3	75,829.8	72,403.2	56,727.5	62,449.2	67,054.6	59,152.4	68,855.0	70,258.0	72,635.6
Negros Occidental	117,444.6	116,448.7	108,840.0	110,464.4	110,802.0	111,717.9	113,598.2	116,341.3	124,436.2	128,435.2
Central Visayas	393,855.3	434,588.6	429,717.0	438,266.5	451,037.0	458,992.5	448,110.9	432,042.8	403,757.7	433,182.4
Bohol	138,765.8	168,166.5	183,846.7	158,668.3	165,853.7	172,697.9	177,573.4	156,620.0	145,029.3	163,033.8
Cebu	82,308.4	94,005.0	87,927.2	95,694.7	109,870.4	113,280.4	103,476.2	106,882.4	107,702.6	111,379.1
Negros Oriental	163,802.8	161,832.7	147,810.9	173,375.1	164,212.8	162,757.3	156,684.3	157,974.2	142,178.4	149,381.7
Siquijor	8,978.3	10,584.5	10,132.3	10,528.5	11,100.1	10,256.9	10,377.0	10,566.3	8,847.4	9,387.8
Eastern Visayas	1,805,072.0	1,776,916.0	1,769,082.0	1,769,952.0	1,771,459.0	1,623,586.0	1,191,923.0	1,165,867.0	1,072,666.0	1,087,567.0
Biliran	55,238.8	55,306.3	57,358.5	58,455.7	58,990.4	61,416.5	51,051.3	51,104.7	51,221.0	52,349.0
Eastern Samar	278,115.2	272,528.3	274,596.3	274,836.9	274,851.8	265,987.4	189,661.2	158,234.9	156,959.2	166,997.8
Leyte	735,312.4	705,801.7	688,922.2	680,139.8	676,021.1	526,558.8	194,050.2	201,123.1	206,702.4	205,705.9
Northern Samar	308,362.7	317,854.5	327,895.0	337,690.1	345,208.9	355,709.0	366,401.2	362,524.6	269,928.5	268,711.7
Southern Leyte	295,621.9	294,878.0	294,840.0	292,527.0	292,607.4	286,045.0	262,955.0	266,424.0	260,420.0	266,260.0
Samar (Western Sama	132,421.0	130,547.0	125,470.0	126,302.0	123,779.9	127,869.3	127,804.4	126,455.8	127,435.0	127,542.6
Zamboanga Peninsula	1,714,907.0	1,744,738.0	1,713,018.0	1,557,621.0	1,730,428.0	1,743,792.0	1,659,014.0	1,682,121.0	1,529,763.0	1,700,250.0
Zamboanga del Norte	684,651.3	735,758.6	712,884.4	599,248.8	754,245.0	766,339.8	736,199.5	784,076.4	665,775.3	780,648.4
Zamboanga del Sur	565,130.3	567,790.5	583,615.2	554,971.7	564,244.4	562,416.8	506,452.6	481,633.8	462,859.8	503,165.4
Zamboanga Sibugay	206,763.9	211,026.5	203,405.6	199,413.3	204,898.7	206,066.7	204,383.6	202,975.4	204,660.9	232,234.2
Zamboanga City	258,362.0	230,162.5	213,113.0	203,987.6	207,040.2	208,968.5	211,978.5	213,435.0	196,467.2	184,201.6
Northern Mindanao	1,713,354.0	1,743,338.0	1,757,165.0	1,745,950.0	1,816,501.0	1,816,578.0	1,838,405.0	1,851,702.0	1,802,403.0	1,807,046.0
Bukidnon	45,986.4	46,369.2	49,188.7	44,556.2	53,637.4	53,259.0	54,643.0	53,393.3	40,216.3	39,316.1
Camiguin	93,012.2	109,719.0	103,557.3	103,152.7	108,006.4	106,670.8	104,325.2	102,466.8	100,504.1	97,018.6
Lanao del Norte	571,617.8	570,076.7	570,967.8	566,848.0	578,098.0	579,225.7	586,380.0	589,234.8	580,104.6	579,396.0
Misamis Occidental	490,458.7	509,893.2	540,795.0	546,441.9	558,424.4	562,117.2	572,602.5	582,151.0	570,075.2	569,897.5
Misamis Oriental	512,279.0	507,279.7	492,655.7	484,950.8	518,335.3	515,305.0	520,454.0	524,456.3	511,502.4	521,418.0
Davao Region	2,671,203.0	2,691,905.0	2,635,867.0	2,627,248.0	2,720,233.0	2,275,980.0	2,332,090.0	2,246,188.0	1,894,663.0	1,886,600.0
Davao del Norte	235,482.4	234,468.0	240,764.5	239,304.2	239,635.5	228,096.2	233,921.6	228,876.5	219,317.6	216,663.8
Davao del Sur	838,496.7	855,456.8	842,342.8	837,687.0	894,508.1	912,016.9	938,557.1	872,895.9	586,774.7	565,912.6
Davao Oriental	1,099,604.0	1,079,990.0	1,040,864.0	1,046,224.0	1,071,896.0	693,414.0	724,773.3	703,641.0	653,887.6	666,056.1
Compostela Valley	276,650.8	282,906.5	264,864.2	250,484.9	252,897.8	176,457.4	179,325.7	185,134.3	181,777.6	182,148.3
Davao City	220,969.9	239,083.9	247,031.6	253,548.4	261,295.3	265,995.1	255,511.9	255,639.9	252,905.7	255,819.1
SOCCSKSARGEN	870,094.0	895,085.9	864,270.4	879,867.5	985,175.4	1,040,610.0	1,071,707.0	1,159,818.0	958,350.9	938,162.3
North Cotabato	180,447.9	183,438.8	181,790.7	187,992.5	189,834.4	194,869.7	197,192.5	196,721.3	175,291.2	168,952.9
Sarangani	386,394.4	395,909.2	363,915.9	365,104.5	441,578.4	450,243.1	452,979.3	502,889.9	391,750.5	387,879.1
South Cotabato	155,112.5	157,215.9	160,762.4	164,345.4	173,572.8	178,316.5	180,604.7	181,396.1	155,583.1	150,445.6
Sultan Kudarat	148,139.2	158,522.0	157,801.4	162,425.1	180,189.8	217,180.8	240,930.3	278,810.8	235,726.1	230,884.8
Caraga	1,011,096.0	985,426.9	974,213.4	879,399.5	880,883.1	834,917.2	821,512.7	804,722.8	775,472.7	781,615.4
Agusan del Norte	164,823.8	162,216.0	161,984.9	152,914.2	154,737.6	159,448.5	156,741.5	158,349.4	169,238.3	170,713.3
Agusan del Sur	43,247.0	43,208.5	42,205.3	40,950.0	43,360.8	37,552.3	42,243.0	38,137.3	49,770.3	47,544.8
Dinagat Islands	..	..	..	..	..	12,426.7	10,788.5	11,172.0	10,397.3	10,897.2
Surigao del Norte	343,891.4	327,906.3	317,371.9	265,307.6	265,752.6	222,882.9	208,105.3	199,839.7	168,335.0	165,368.4
Surigao del Sur	459,134.0	452,096.2	452,651.4	420,227.7	417,032.0	402,606.8	403,634.5	397,224.4	377,731.7	387,091.8
ARMM	1,250,054.0	1,250,971.0	1,254,755.0	1,269,268.0	1,311,219.0	1,327,299.0	1,356,182.0	1,393,168.0	1,376,545.0	1,324,069.0
Basilan	215,458.1	215,464.5	212,581.6	196,102.0	204,023.4	193,180.0	182,236.3	163,250.8	123,594.0	64,446.4
Lanao del Sur	170,724.6	171,482.1	174,120.4	175,153.5	174,345.6	171,246.7	177,145.3	184,781.1	185,224.3	186,574.3
Maguindanao	502,304.5	502,427.5	509,766.5	541,040.9	563,370.5	590,191.4	621,104.0	664,087.5	706,927.2	716,753.3
Sulu	212,762.0	209,470.0	206,796.5	200,492.0	206,917.7	207,882.9	210,234.0	215,470.5	210,185.7	214,231.0
Tawi-tawi	148,805.1	152,127.0	151,490.5	156,480.0	162,561.8	164,798.0	165,462.0	165,578.0	150,614.0	142,064.0

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee										
Philippines	**97,428.0**	**96,433.0**	**94,536.0**	**88,526.1**	**88,943.0**	**78,633.9**	**75,454.5**	**72,341.8**	**68,822.9**	**62,078.0**
CAR	5,949.5	5,700.3	5,608.1	5,627.1	5,673.2	5,464.8	5,251.5	5,210.0	3,735.9	1,886.2
Abra	55.1	54.4	54.4	54.1	53.5	52.4	51.5	52.4	54.7	56.3
Apayao	15.7	16.0	14.4	13.4	12.8	16.0	19.9	23.0	23.2	17.1
Benguet	477.7	484.5	487.6	486.6	491.7	501.0	535.6	540.8	523.3	520.8
Ifugao	1,103.4	1,091.4	1,075.8	1,053.8	1,061.4	1,052.4	1,029.4	985.4	943.4	893.6
Kalinga	3,977.0	3,852.0	3,803.0	3,857.2	3,898.5	3,698.5	3,470.0	3,480.4	2,080.0	311.2
Mountain Province	320.7	202.0	173.0	162.2	155.4	144.6	145.1	128.1	111.3	87.1
Ilocos Region	97.6	105.2	106.6	94.3	85.5	84.1	83.5	80.3	176.8	158.7
Ilocos Norte	0.8	0.8	0.7	0.5	0.5	0.5	0.6	0.6	0.6	0.7
Ilocos Sur	47.7	49.5	47.1	49.3	50.2	50.8	51.7	48.6	76.1	63.2
La Union	46.3	52.3	56.4	42.3	32.4	30.5	29.1	27.7	21.7	16.8
Pangasinan	2.8	2.6	2.4	2.3	2.4	2.3	2.2	3.4	78.3	78.1
Cagayan Valley	1,079.9	1,099.0	1,040.4	1,012.3	812.8	767.0	744.1	743.0	772.0	776.9
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	54.9	60.8	51.5	46.4	49.9	52.3	48.7	47.7	53.0	27.0
Isabela	30.4	31.5	30.2	18.2	19.8	21.7	22.5	23.9	21.8	20.2
Nueva Vizcaya	932.4	947.2	907.3	904.5	721.0	663.9	642.6	623.0	674.6	694.0
Quirino	62.1	59.5	51.6	43.2	22.1	29.2	30.2	48.4	22.7	35.7
Central Luzon	1,672.6	1,705.7	1,768.3	1,698.6	1,698.9	1,705.3	1,645.5	1,648.6	1,181.1	1,089.4
Aurora	253.0	261.0	268.5	274.4	275.2	260.0	256.8	233.0	191.0	136.5
Bataan	303.3	308.2	309.7	305.0	333.0	326.0	328.5	330.0	326.0	294.4
Bulacan	1,115.9	1,136.2	1,189.8	1,119.0	1,090.5	1,119.3	1,060.2	1,085.6	662.4	656.8
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	0.4	0.3	0.3	0.3	0.2	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	1.6	1.8
CALABARZON	9,132.0	9,084.4	8,764.1	5,549.5	8,568.1	5,237.7	4,691.2	2,272.2	2,817.5	2,109.3
Batangas	1,229.8	1,244.5	1,202.9	1,027.7	994.8	753.5	713.0	666.6	610.3	448.4
Cavite	7,228.2	7,218.3	7,000.2	4,022.3	7,086.0	3,998.8	3,514.0	1,219.4	1,811.7	1,334.4
Laguna	96.6	88.9	78.4	60.8	63.5	76.3	80.8	70.0	71.0	70.9
Quezon	490.5	437.3	403.2	365.7	347.9	328.8	301.4	252.7	264.0	254.9
Rizal	87.0	95.4	79.5	73.0	75.9	80.2	82.1	63.6	60.6	0.6
MIMAROPA	207.4	201.7	204.1	199.6	193.9	183.0	181.6	178.2	166.7	161.4
Marinduque	30.7	31.3	30.7	31.9	33.5	31.1	29.6	28.1	26.2	24.1
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	65.8	63.0	60.3	59.1	58.0	51.2	49.1	45.4	39.4	37.4
Palawan	110.9	107.4	113.2	108.7	102.4	100.8	102.9	104.7	101.1	99.9
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	339.2	334.6	336.3	327.2	331.5	325.5	299.0	295.7	266.8	250.8
Albay	97.8	101.9	105.9	103.7	106.9	113.7	97.9	100.5	93.9	84.9
Camarines Norte	24.6	29.0	25.4	23.9	25.1	25.8	26.0	26.5	27.5	29.3
Camarines Sur	26.8	25.8	26.3	26.5	26.8	27.0	26.2	25.6	23.5	21.4
Catanduanes	1.9	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	0.6
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	188.2	176.1	176.8	171.1	170.7	157.0	146.8	141.1	119.9	114.6
Western Visayas	5,733.7	5,902.5	5,625.2	5,915.7	5,694.7	4,938.5	4,345.8	4,390.7	4,356.3	4,434.9
Aklan	3.5	5.0	4.0	1.1	..	..	..	..	..	..
Antique	31.8	30.1	28.6	27.4	26.3	26.0	25.4	24.9	26.5	28.1
Capiz	1,711.5	1,700.3	1,696.0	1,803.0	1,803.7	1,133.8	942.7	895.2	899.9	885.8
Guimaras	19.8	23.4	18.7	20.8	20.0	19.7	10.9	10.2	7.3	6.9
Iloilo	3,192.0	3,393.8	3,152.9	3,367.6	3,198.5	3,081.6	2,723.3	2,798.8	2,722.3	2,856.1
Negros Occidental	775.2	750.0	725.1	695.8	646.2	677.4	643.5	661.6	700.3	658.0
Central Visayas	295.2	250.7	213.5	234.1	239.5	235.1	218.4	208.9	191.2	197.7
Bohol	3.1	2.5	2.2	5.3	10.0	26.2	41.6	57.4	52.0	55.9
Cebu	0.6	0.5	2.5	3.6	4.7	3.3	3.5	3.3	4.1	5.7
Negros Oriental	291.1	247.2	208.6	225.1	224.9	205.6	173.3	148.2	135.1	136.1
Siquijor	0.5	0.4	0.2	0.1	..	..	..	..	..	..
Eastern Visayas	247.0	227.0	212.5	201.3	192.8	128.3	61.5	59.4	70.6	63.9
Biliran	5.2	5.3	5.3	5.1	4.9	4.6	4.0	3.9	3.4	3.5
Eastern Samar	14.1	14.4	14.7	14.3	13.2	13.3	8.7	5.1	4.8	0.9
Leyte	97.0	93.5	89.9	87.8	85.2	56.4	24.4	25.1	38.1	35.3
Northern Samar	..	..	..	..	..	..	..	1.9	2.9	3.7
Southern Leyte	16.2	7.8	7.7	7.6	7.6	6.5	6.0	6.1	6.1	6.4
Samar (Western Sama	114.5	106.1	95.0	86.5	81.9	47.5	18.5	17.3	15.3	14.2
Zamboanga Peninsula	1,313.6	1,263.0	1,202.4	1,022.9	993.3	961.1	969.3	1,007.3	777.2	513.8
Zamboanga del Norte	883.1	867.8	846.3	713.3	714.4	713.0	740.6	774.1	549.2	301.3
Zamboanga del Sur	121.0	91.3	61.2	44.6	31.7	25.6	21.2	20.3	18.7	18.8
Zamboanga Sibugay	132.8	130.1	130.0	115.2	128.8	113.4	105.0	113.1	111.5	107.8
Zamboanga City	176.7	173.8	164.9	149.9	118.5	109.2	102.5	99.8	97.8	86.0
Northern Mindanao	6,203.4	6,016.3	5,956.8	5,858.0	5,225.3	5,334.8	5,415.7	5,436.8	5,605.0	5,695.4
Bukidnon	4,890.0	4,690.6	4,624.8	4,562.0	3,948.0	4,100.0	4,224.5	4,254.7	4,423.5	4,530.7
Camiguin	24.2	19.6	16.4	13.7	11.5	11.0	9.9	9.2	6.5	6.1
Lanao del Norte	611.2	615.2	601.3	576.6	555.3	540.8	543.0	527.3	503.2	465.2
Misamis Occidental	23.9	25.3	28.2	31.3	32.7	34.1	36.8	38.7	38.4	39.3
Misamis Oriental	654.2	665.7	686.1	674.4	677.7	648.8	601.5	606.9	633.3	654.1
Davao Region	24,066.3	23,632.3	22,681.6	20,465.1	18,949.9	12,389.0	11,792.7	11,680.6	11,429.8	10,840.0
Davao del Norte	1,150.9	1,130.9	1,134.9	1,144.3	1,156.2	1,133.7	1,154.4	1,173.6	1,193.5	1,189.9
Davao del Sur	5,064.6	5,087.6	4,760.3	4,803.5	4,830.9	4,854.6	5,082.9	5,153.9	5,007.5	4,764.7
Davao Oriental	1,604.9	1,568.9	1,546.8	1,521.8	1,480.9	1,436.8	1,399.1	1,367.3	1,348.4	1,364.4
Compostela Valley	11,758.0	11,764.0	11,614.3	9,867.1	8,596.8	2,210.8	1,514.4	1,433.1	1,400.0	1,259.2
Davao City	4,488.0	4,081.0	3,625.3	3,128.4	2,885.0	2,753.1	2,641.9	2,552.7	2,480.3	2,261.8
SOCCSKSARGEN	27,021.7	27,553.9	27,761.4	27,423.2	27,868.5	28,891.4	28,000.2	26,957.8	25,100.8	22,118.8
North Cotabato	2,564.4	2,748.1	2,669.7	2,636.1	2,733.8	2,821.1	2,858.2	2,860.7	2,014.2	2,057.1
Sarangani	521.0	528.1	521.4	534.9	539.6	550.8	555.5	552.7	538.3	550.5
South Cotabato	2,038.7	1,867.0	1,781.0	1,897.3	1,885.7	1,957.4	1,973.5	1,947.2	1,429.1	1,465.8
Sultan Kudarat	21,897.6	22,410.7	22,789.3	22,355.0	22,709.4	23,562.1	22,613.1	21,597.3	21,119.2	18,045.3
Caraga	3,147.1	2,619.1	2,251.7	2,007.5	1,786.8	1,497.2	1,405.5	1,646.0	1,833.9	1,583.2
Agusan del Norte	626.5	250.2	209.4	111.3	88.5	65.8	71.3	80.4	90.4	84.8
Agusan del Sur	487.2	411.4	325.5	249.1	237.2	67.8	40.7	42.4	32.7	95.5
Dinagat Islands	..	..	..	..	..	0.2	0.2	0.1	0.1	0.1
Surigao del Norte	21.9	17.0	13.7	7.7	7.1	4.8	3.1	2.0	1.6	1.6
Surigao del Sur	2,011.5	1,940.6	1,703.1	1,639.4	1,454.0	1,358.5	1,290.3	1,521.1	1,709.1	1,401.3
ARMM	10,921.7	10,737.4	10,802.9	10,889.6	10,628.6	10,491.2	10,349.2	10,526.4	10,341.6	10,197.5
Basilan	2,050.5	2,031.7	1,980.8	1,938.8	1,878.7	1,827.0	1,783.4	1,781.4	1,732.5	1,736.8
Lanao del Sur	278.7	297.3	286.5	290.9	292.5	301.1	302.9	318.2	322.5	320.6
Maguindanao	3,363.0	3,370.0	3,363.5	3,355.4	3,369.1	3,358.9	3,348.6	3,432.0	3,401.9	3,145.7
Sulu	5,092.4	4,910.9	5,050.6	5,186.7	4,985.3	4,910.5	4,831.4	4,906.5	4,802.3	4,905.6
Tawi-tawi	137.2	127.6	121.5	117.9	103.1	93.7	83.0	88.4	82.5	88.9

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee Arabica										
Philippines	**19,677.0**	**19,654.7**	**19,420.5**	**19,002.3**	**18,783.2**	**18,593.5**	**18,028.5**	**17,434.0**	**16,755.8**	**14,484.7**
CAR	535.3	547.6	550.3	549.8	555.1	548.3	578.6	582.1	531.3	521.4
Abra	24.8	24.5	24.5	24.6	24.4	23.9	23.2	23.2	24.8	25.4
Apayao	5.5	5.7	5.1	4.5	4.3	6.5	6.0	5.7	5.6	3.6
Benguet	388.0	395.2	399.1	397.8	403.0	411.0	445.3	451.7	437.6	436.0
Ifugao	16.4	17.6	18.6	16.7	16.9	16.5	15.4	15.0	13.7	12.4
Kalinga	59.0	58.0	57.0	58.2	56.5	40.0	36.0	35.0	..	..
Mountain Province	41.7	46.7	46.1	48.2	50.0	50.6	52.6	51.6	49.6	44.1
Ilocos Region	33.2	37.1	37.9	30.3	24.8	23.7	22.6	23.7	86.5	83.4
Ilocos Norte	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Ilocos Sur	5.3	5.6	5.0	5.4	5.5	5.5	5.6	5.5	6.1	5.8
La Union	26.2	29.9	31.4	23.6	17.9	16.8	15.7	15.6	11.9	9.3
Pangasinan	1.7	1.6	1.4	1.3	1.4	1.3	1.2	2.5	68.3	68.2
Cagayan Valley	215.9	222.4	210.4	201.1	150.1	151.3	144.2	139.4	153.2	138.0
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	44.4	48.9	41.9	37.7	40.7	42.6	39.9	39.1	43.3	21.5
Isabela	11.0	11.3	10.8	6.3	6.8	7.3	7.5	8.0	7.1	6.5
Nueva Vizcaya	158.1	160.0	156.0	155.6	102.0	100.0	95.2	90.9	102.1	109.0
Quirino	2.5	2.2	1.8	1.6	0.6	1.4	1.6	1.3	0.8	1.0
Central Luzon	5.6	5.6	5.8	5.5	5.3	5.4	5.1	5.2	0.1	0.1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	5.6	5.6	5.8	5.5	5.3	5.4	5.1	5.2	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	0.1	0.1
CALABARZON	90.5	84.8	76.0	69.4	69.2	65.5	60.6	10.6	10.0	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	9.7	8.1	6.9	6.2	6.3	5.4	3.2	0.2	0.2	..
Quezon	54.0	48.1	45.3	41.4	39.6	34.7	31.4	0.2	0.1	..
Rizal	26.9	28.6	23.9	21.8	23.3	25.4	26.0	10.3	9.8	..
MIMAROPA	6.9	6.4	5.7	5.5	5.2	4.9	4.4	3.5	3.2	2.8
Marinduque	3.6	3.7	3.6	3.8	3.9	3.7	3.6	2.7	2.4	2.2
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
Palawan	3.0	2.5	1.9	1.6	1.1	1.0	0.7	0.7	0.6	0.6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	74.8	75.6	74.9	73.1	74.4	75.9	69.4	69.6	65.3	61.2
Albay	25.9	26.8	27.9	27.4	28.2	29.9	25.3	25.9	24.2	22.4
Camarines Norte	9.7	11.8	9.9	8.9	9.3	9.8	9.9	10.1	10.8	11.5
Camarines Sur	12.1	11.7	11.9	12.0	12.1	12.1	11.7	11.5	10.5	9.6
Catanduanes	1.9	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	0.6
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	25.2	23.5	23.4	22.8	22.8	22.1	20.5	20.1	17.8	17.1
Western Visayas	913.5	947.3	884.6	928.0	878.9	848.8	766.6	781.8	774.1	708.0
Aklan	0.1	0.1	0.0	..	..	..	..	..	..	..
Antique	11.8	11.2	10.6	10.2	9.8	9.8	9.5	9.3	10.2	11.0
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	2.0	2.3	1.8	2.0	1.8	1.6	0.4	0.2	0.2	0.1
Iloilo	899.5	933.7	872.2	915.8	867.3	837.4	756.8	772.2	763.8	696.9
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	36.7	35.5	23.2	25.1	23.1	27.8	26.4	24.1	22.9	24.8
Bohol	2.2	1.7	1.5	1.5	1.8	2.9	4.3	4.5	4.0	4.9
Cebu	0.3	0.3	0.3	0.2	0.4	0.3	0.3	0.3	0.3	0.3
Negros Oriental	33.7	33.1	21.2	23.2	20.9	24.6	21.9	19.4	18.7	19.6
Siquijor	0.5	0.4	0.2	0.1	..	..	..	..	..	..
Eastern Visayas	71.3	68.4	64.7	61.6	58.1	41.5	22.8	11.0	8.9	8.5
Biliran	3.1	2.9	2.7	2.4	2.2	2.0	1.7	1.6	1.4	1.4
Eastern Samar	2.8	3.1	3.1	3.1	2.0	2.0	1.5	0.8	0.7	0.3
Leyte	42.9	41.8	40.3	39.4	38.0	28.0	10.9	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	3.2	3.0	3.0	3.0	3.0	2.0	1.8	1.8	1.8	2.0
Samar (Western Sama	19.4	17.7	15.5	13.7	13.0	7.4	7.0	6.7	5.0	4.8
Zamboanga Peninsula	593.9	545.6	507.5	429.1	420.8	405.0	406.1	424.3	313.1	139.7
Zamboanga del Norte	435.9	399.6	374.8	310.6	310.8	308.0	313.9	328.9	219.5	54.8
Zamboanga del Sur	37.3	26.9	17.9	13.1	9.3	7.6	6.7	6.5	6.1	5.7
Zamboanga Sibugay	47.0	46.1	46.1	40.6	45.0	38.4	36.1	39.7	39.2	37.7
Zamboanga City	73.8	73.1	68.7	64.9	55.7	50.9	49.4	49.3	48.3	41.6
Northern Mindanao	394.8	392.7	386.1	381.2	378.4	379.4	380.0	372.1	335.0	295.3
Bukidnon	6.0	5.8	5.0	10.0	15.0	24.0	30.0	33.5	37.7	40.2
Camiguin	5.6	4.1	3.8	3.1	2.9	2.9	2.5	2.3	1.5	1.3
Lanao del Norte	358.4	357.0	348.6	337.5	329.0	321.8	315.5	304.1	263.0	220.2
Misamis Occidental	21.0	22.2	24.4	27.0	27.8	28.0	29.2	29.8	29.5	30.1
Misamis Oriental	3.8	3.7	4.3	3.6	3.6	2.8	2.8	2.4	3.3	3.5
Davao Region	3,151.6	3,138.3	3,004.0	2,798.8	2,690.5	2,384.9	2,354.7	2,330.4	2,247.4	2,200.5
Davao del Norte	355.9	351.5	351.6	353.0	357.9	351.2	358.0	364.3	358.3	344.2
Davao del Sur	1,365.4	1,369.8	1,335.0	1,344.4	1,351.7	1,357.7	1,435.8	1,426.6	1,374.5	1,380.0
Davao Oriental	84.4	82.9	81.2	80.7	79.7	75.8	75.9	73.8	71.7	72.6
Compostela Valley	691.5	670.2	650.1	550.8	458.2	177.5	98.3	90.9	82.2	66.9
Davao City	654.4	663.9	586.2	470.0	443.0	422.7	386.8	374.8	360.7	336.9
SOCCSKSARGEN	11,804.5	11,830.6	11,841.4	11,712.7	11,767.3	11,984.5	11,575.5	11,023.9	10,605.2	8,674.5
North Cotabato	416.9	401.5	397.2	396.9	415.4	449.4	464.3	443.2	354.0	357.8
Sarangani	255.5	259.2	254.8	263.3	265.6	272.3	274.3	272.5	266.3	272.0
South Cotabato	1,150.7	981.7	871.8	903.5	889.9	932.2	940.3	924.4	856.8	878.2
Sultan Kudarat	9,981.4	10,188.2	10,317.6	10,149.0	10,196.4	10,330.7	9,896.6	9,383.8	9,128.2	7,166.5
Caraga	3.3	2.1	1.5	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3.3	2.1	1.5	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	1,745.2	1,714.6	1,746.4	1,731.2	1,682.0	1,646.8	1,611.5	1,632.5	1,599.6	1,626.4
Basilan	288.9	285.5	280.2	270.0	260.3	254.7	245.0	243.0	240.0	240.2
Lanao del Sur	1.1	1.1	1.0	1.0	1.0	0.9	1.0	7.1	7.2	7.2
Maguindanao	453.0	457.0	452.0	449.0	447.0	437.3	428.0	428.0	420.0	407.2
Sulu	948.6	921.4	966.4	965.0	932.0	917.0	907.0	921.0	901.0	937.0
Tawi-tawi	53.7	49.7	46.8	46.2	41.7	36.9	30.5	33.4	31.4	34.9

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee Excelsa										
Philippines	**6,763.2**	**6,571.7**	**6,353.8**	**5,915.8**	**5,736.8**	**4,916.8**	**4,725.2**	**4,546.4**	**4,268.6**	**4,064.5**
CAR	89.9	87.2	84.6	86.4	88.4	84.1	78.6	77.5	58.0	31.3
Abra	6.8	6.7	6.6	6.6	6.5	6.4	6.4	6.9	7.2	7.4
Apayao	1.6	1.6	1.5	1.9	1.7	2.0	1.8	1.7	1.7	0.9
Benguet	23.5	23.2	22.5	22.2	21.8	22.1	21.4	20.1	19.2	18.8
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	56.0	54.0	53.0	55.0	58.0	53.5	49.0	48.8	30.0	4.2
Mountain Province	2.1	1.7	1.0	0.9	0.3	..	..	..	..	..
Ilocos Region	17.0	18.8	18.6	17.2	16.0	15.9	16.1	15.4	15.1	12.5
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	10.1	10.8	10.2	10.8	11.0	11.3	11.5	11.3	11.5	9.7
La Union	6.9	8.0	8.5	6.3	5.0	4.7	4.6	4.1	3.6	2.8
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	164.1	166.8	155.2	153.0	120.2	104.2	99.5	95.5	107.4	115.8
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.1
Isabela	2.1	2.3	2.2	1.4	1.5	1.6	1.7	1.8	1.6	1.4
Nueva Vizcaya	152.2	155.0	145.0	144.5	115.0	98.0	93.2	89.4	103.0	110.9
Quirino	9.5	9.2	7.8	6.9	3.5	4.3	4.4	4.1	2.6	3.4
Central Luzon	42.1	39.2	41.1	40.6	37.9	35.0	34.5	27.7	20.0	16.5
Aurora	35.0	32.0	33.5	33.4	30.9	27.8	27.5	20.5	15.0	11.5
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	7.1	7.2	7.6	7.2	7.0	7.2	7.0	7.2	5.0	5.0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	938.8	926.3	891.0	725.1	816.1	586.9	547.1	380.8	381.7	365.7
Batangas	335.1	341.0	334.0	284.0	333.0	255.0	243.5	219.0	195.0	169.0
Cavite	412.7	409.1	406.7	310.5	356.5	209.9	191.1	66.9	87.5	91.6
Laguna	11.3	11.4	9.1	4.3	4.5	7.3	7.5	6.8	6.9	6.9
Quezon	165.0	149.8	128.7	115.6	110.4	101.8	91.9	80.7	85.4	98.2
Rizal	14.8	15.1	12.5	10.8	11.7	12.8	13.1	7.5	7.0	..
MIMAROPA	44.4	42.6	44.3	41.5	38.8	33.2	30.2	27.5	25.5	23.9
Marinduque	4.1	4.2	4.1	4.2	4.4	4.3	4.1	2.9	2.7	2.4
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	19.7	18.8	18.2	17.7	17.4	14.2	13.3	12.4	11.1	10.2
Palawan	20.7	19.6	22.1	19.5	16.9	14.7	12.8	12.2	11.7	11.4
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.0	0.8	0.7
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.0	0.8	0.7
Western Visayas	2.1	2.0	1.6	1.6	1.5	1.5	1.4	1.5	1.5	1.4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.5	1.5	1.4
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	0.3	0.4	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	0.0	0.0	0.0	..	..	..	..	..	0.0	0.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	0.0	0.0	0.0	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	49.5	47.1	42.8	41.9	40.4	26.4	14.4	19.5	26.3	24.3
Biliran	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.7	0.5
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	24.7	23.8	22.8	22.5	21.9	13.2	6.1	11.5	18.7	17.3
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	1.5	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.9
Samar (Western Sama	22.6	21.6	18.2	17.5	16.7	11.5	6.7	6.5	6.1	5.6
Zamboanga Peninsula	162.0	152.0	143.1	125.0	117.0	108.9	107.4	109.2	87.1	60.2
Zamboanga del Norte	67.5	63.1	64.1	54.4	54.6	53.5	55.4	58.4	37.7	16.7
Zamboanga del Sur	22.4	18.3	12.2	9.3	6.9	5.0	4.3	4.0	3.7	3.4
Zamboanga Sibugay	22.9	22.5	22.5	19.7	22.3	19.6	18.2	19.2	18.9	17.9
Zamboanga City	49.3	48.1	44.4	41.5	33.1	30.8	29.6	27.6	26.8	22.1
Northern Mindanao	372.2	354.1	353.9	348.9	346.4	297.6	260.9	250.0	266.3	267.6
Bukidnon	7.6	7.4	7.0	7.0	3.0	6.0	7.5	8.2	8.9	9.5
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	28.8	28.8	29.1	25.8	24.3	24.1	23.3	20.8	17.5	11.8
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	335.8	317.9	317.8	316.1	319.1	267.5	230.1	221.0	240.0	246.3
Davao Region	2,525.2	2,519.4	2,432.6	2,236.2	2,061.8	1,601.7	1,504.8	1,476.1	1,426.9	1,258.1
Davao del Norte	183.1	180.6	182.2	181.7	184.8	179.4	184.8	187.7	184.4	177.0
Davao del Sur	755.1	761.9	743.0	754.9	761.5	768.1	793.2	782.2	765.1	634.5
Davao Oriental	129.6	125.8	124.1	121.6	120.4	114.2	114.2	110.8	107.3	107.5
Compostela Valley	988.3	972.4	937.9	797.3	646.4	208.8	104.5	99.6	91.3	72.3
Davao City	469.0	478.8	445.5	380.7	348.8	331.2	308.1	295.9	278.9	266.9
SOCCSKSARGEN	528.8	629.7	593.6	574.6	599.4	612.6	625.4	635.2	464.4	469.6
North Cotabato	471.3	570.4	534.8	515.7	539.9	552.3	564.5	574.3	405.4	411.6
Sarangani	48.5	50.2	49.6	51.8	52.3	53.0	53.9	54.2	52.5	54.5
South Cotabato	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.3	0.4
Sultan Kudarat	8.6	8.7	8.8	6.8	6.7	6.8	6.6	6.3	6.3	3.0
Caraga	310.2	116.4	60.8	30.5	22.2	10.1	6.8	5.1	3.8	2.4
Agusan del Norte	178.5	50.7	36.4	15.8	9.8	3.4	2.5	1.9	1.5	0.8
Agusan del Sur	122.8	62.7	22.0	13.2	10.8	5.5	3.6	2.7	1.9	1.2
Dinagat Islands	..	..	..	..	..	0.2	0.2	0.1	0.1	0.1
Surigao del Norte	4.4	3.0	2.4	1.5	1.6	1.0	0.6	0.4	0.3	0.4
Surigao del Sur	4.5	..	..	..	..	..	..	..	..	..
ARMM	1,515.6	1,468.8	1,489.3	1,492.3	1,429.5	1,397.6	1,396.9	1,424.8	1,383.9	1,414.6
Basilan	26.1	25.9	25.6	24.3	23.8	23.1	22.4	23.4	22.5	22.5
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	24.5	25.0	23.8	21.4	21.3	16.8	16.1	15.5	14.3	13.8
Sulu	1,381.6	1,340.0	1,365.3	1,375.0	1,323.0	1,301.0	1,306.0	1,331.0	1,296.0	1,324.3
Tawi-tawi	83.5	77.9	74.7	71.7	61.4	56.8	52.5	55.0	51.1	54.0

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee Liberica										
Philippines	**666.4**	**652.2**	**633.4**	**629.6**	**598.4**	**563.2**	**532.9**	**514.4**	**499.4**	**496.0**
CAR	17.7	17.5	17.6	17.3	16.9	16.6	16.4	16.2	16.1	16.5
Abra	17.7	17.5	17.6	17.3	16.9	16.6	16.4	16.2	16.1	16.5
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	10.9	11.3	9.8	8.5	7.0	6.7	6.2	6.1	6.5	6.0
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	2.1	2.3	1.8	1.6	1.7	1.8	1.7	1.6	1.8	0.9
Isabela	1.7	1.8	1.8	1.2	1.2	1.3	1.4	1.5	1.4	1.3
Nueva Vizcaya	6.9	7.1	6.3	5.6	4.0	3.6	3.1	3.0	3.4	3.8
Quirino	0.2	0.1	..	..	..	..	..	..	..	..
Central Luzon	3.2	3.4	3.5	3.3	3.2	3.3	3.1	3.2	1.8	1.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	3.2	3.4	3.5	3.3	3.2	3.3	3.1	3.2	1.8	1.8
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	145.9	136.5	129.4	111.5	113.8	99.2	94.4	74.9	74.3	75.9
Batangas	31.0	30.5	27.9	24.0	25.8	21.5	19.5	20.6	18.4	20.3
Cavite	30.6	31.2	31.3	23.4	27.0	17.5	15.6	4.7	4.8	3.1
Laguna	1.6	1.6	1.3	1.1	1.2	3.6	5.6	5.0	5.1	5.1
Quezon	82.8	73.2	69.0	63.0	59.9	56.6	53.7	44.6	46.0	47.4
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	42.2	37.8	33.4	30.4	24.6	20.5	18.7	17.8	15.7	15.2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	12.7	12.1	11.5	11.3	11.1	10.2	9.9	9.1	8.0	7.7
Palawan	29.5	25.7	22.0	19.2	13.5	10.2	8.9	8.7	7.7	7.5
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	4.6	4.5	4.6	4.3	4.3	4.1	4.3	4.0	3.3	3.1
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	4.6	4.5	4.6	4.3	4.3	4.1	4.3	4.0	3.3	3.1
Western Visayas	167.9	172.8	156.3	166.3	161.3	156.0	140.3	142.2	137.8	131.6
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	1.1	1.3	1.0	1.1	1.1	1.0	0.2	0.2	0.2	0.1
Iloilo	166.9	171.5	155.3	165.2	160.2	155.0	140.0	142.0	137.6	131.4
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	11.3	10.7	8.9	9.1	1.4	0.8	0.4	0.1	0.0	0.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	11.3	10.7	8.9	9.1	1.4	0.8	0.4	0.1	0.0	0.0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	14.3	13.7	13.2	12.8	12.6	7.9	3.4	6.5	9.4	8.5
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	14.3	13.7	13.2	12.8	12.6	7.9	3.4	6.5	9.4	8.5
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	9.4	6.8	5.8	4.6	4.5	4.3	3.3	3.6	1.3	1.2
Zamboanga del Norte	1.3	1.3	1.4	1.5	1.5	1.6	1.8	2.1	..	..
Zamboanga del Sur	6.1	3.6	2.5	1.6	1.3	1.2	0.9	0.9	0.8	0.7
Zamboanga Sibugay	1.2	1.1	1.0	0.9	1.1	0.9	..	..	..	..
Zamboanga City	0.8	0.8	0.9	0.7	0.6	0.6	0.5	0.5	0.5	0.5
Northern Mindanao	..	..	..	..	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	86.3	86.3	83.3	83.6	83.4	81.6	83.5	78.5	76.8	75.5
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	19.4	20.0	18.1	19.6	20.1	21.2	22.5	19.2	18.8	17.4
Davao Oriental	66.9	66.2	65.2	64.0	63.3	60.4	61.1	59.3	57.9	58.1
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	2.8	2.3	2.0	2.3	2.4	2.6	2.8	2.7	2.2	2.9
North Cotabato	2.8	2.3	2.0	2.3	2.4	2.6	2.8	2.7	2.2	2.9
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	3.2	1.7	1.0	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3.2	1.7	1.0	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	146.9	147.2	164.6	175.5	163.1	159.9	156.2	158.9	154.1	157.9
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	..	..	..	..	..	..	..	..	..	..
Sulu	146.9	147.2	164.6	175.5	163.1	159.9	156.2	158.9	154.1	157.9
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coffee Robusta										
Philippines	**70,117.8**	**69,357.1**	**67,933.1**	**62,978.4**	**63,824.6**	**54,560.3**	**52,168.0**	**49,847.1**	**47,299.1**	**43,032.8**
CAR	5,114.0	4,862.3	4,772.1	4,973.6	5,012.8	4,815.9	4,577.9	4,534.3	3,130.5	1,316.9
Abra	5.9	5.8	5.7	5.7	5.6	5.5	5.5	6.1	6.7	7.0
Apayao	8.0	8.1	7.3	7.0	6.8	7.5	12.1	15.6	16.0	12.6
Benguet	66.2	66.1	66.0	66.7	66.9	67.9	68.9	69.1	66.4	66.0
Ifugao	1,087.0	1,073.9	1,057.2	1,037.2	1,044.5	1,035.9	1,014.0	970.5	929.7	881.2
Kalinga	3,670.0	3,555.0	3,510.0	3,744.0	3,784.0	3,605.0	3,385.0	3,396.6	2,050.0	307.0
Mountain Province	276.9	153.5	125.9	113.1	105.0	94.0	92.5	76.5	61.7	43.1
Ilocos Region	47.4	49.3	50.0	46.9	44.7	44.5	44.8	41.3	75.1	62.8
Ilocos Norte	0.7	0.7	0.6	0.4	0.4	0.5	0.5	0.5	0.5	0.5
Ilocos Sur	32.3	33.2	31.9	33.1	33.7	34.1	34.7	31.8	58.5	47.7
La Union	13.3	14.4	16.6	12.4	9.6	9.0	8.7	8.0	6.2	4.7
Pangasinan	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	10.0	9.9
Cagayan Valley	689.0	698.5	665.0	649.8	535.5	504.8	494.2	502.2	504.8	517.2
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	8.2	9.3	7.5	6.8	7.2	7.6	6.9	6.8	7.7	4.5
Isabela	15.6	16.1	15.4	9.4	10.3	11.4	12.0	12.6	11.8	11.0
Nueva Vizcaya	615.2	625.1	600.0	598.9	500.0	462.3	451.0	439.7	466.1	470.4
Quirino	50.0	48.0	42.0	34.8	18.0	23.5	24.3	43.0	19.3	31.3
Central Luzon	1,621.7	1,657.5	1,718.0	1,649.3	1,652.5	1,661.7	1,602.8	1,612.5	1,159.1	1,071.1
Aurora	218.0	229.0	235.0	241.0	244.3	232.2	229.3	212.5	176.0	125.0
Bataan	303.3	308.2	309.7	305.0	333.0	326.0	328.5	330.0	326.0	294.4
Bulacan	1,100.0	1,120.0	1,173.0	1,103.0	1,075.0	1,103.5	1,045.0	1,070.0	655.6	650.0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	0.4	0.3	0.3	0.3	0.2	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	1.5	1.7
CALABARZON	7,956.7	7,936.9	7,667.7	4,643.5	7,569.0	4,486.2	3,989.3	1,805.9	2,351.5	1,667.7
Batangas	863.7	873.0	841.0	719.7	636.0	477.0	450.0	427.0	396.9	259.1
Cavite	6,785.0	6,778.0	6,562.3	3,688.4	6,702.5	3,771.4	3,307.4	1,147.9	1,719.4	1,239.7
Laguna	74.1	67.9	61.1	49.1	51.6	60.0	64.5	58.1	58.9	58.9
Quezon	188.7	166.2	160.2	145.8	138.0	135.7	124.4	127.2	132.5	109.4
Rizal	45.3	51.7	43.1	40.5	40.9	42.0	43.0	45.8	43.8	0.6
MIMAROPA	109.6	110.5	116.4	122.2	125.3	124.5	128.2	129.5	122.4	119.4
Marinduque	18.7	19.1	18.7	23.9	25.1	23.1	22.0	22.6	21.1	19.6
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	33.2	31.9	30.5	29.9	29.3	26.6	25.7	23.7	20.2	19.4
Palawan	57.7	59.6	67.3	68.4	70.9	74.8	80.5	83.1	81.1	80.4
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	258.5	253.2	255.5	248.5	251.6	244.3	224.2	221.1	197.4	185.8
Albay	71.8	75.1	78.1	76.3	78.6	83.7	72.7	74.6	69.7	62.5
Camarines Norte	15.0	17.2	15.5	15.0	15.8	16.1	16.2	16.4	16.7	17.8
Camarines Sur	14.7	14.1	14.4	14.6	14.7	14.9	14.5	14.1	13.0	11.8
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	157.1	146.9	147.5	142.7	142.5	129.7	120.9	116.0	98.0	93.7
Western Visayas	4,650.3	4,780.3	4,582.8	4,819.9	4,653.0	3,932.3	3,437.5	3,465.4	3,442.9	3,593.9
Aklan	3.4	4.9	3.9	1.1	..	..	..	..	..	..
Antique	18.2	17.2	16.4	15.6	15.0	14.8	14.5	14.2	14.8	15.8
Capiz	1,711.5	1,700.3	1,696.0	1,803.0	1,803.7	1,133.8	942.7	895.2	899.9	885.8
Guimaras	16.4	19.5	16.0	17.7	17.1	17.1	10.3	9.8	7.0	6.6
Iloilo	2,125.7	2,288.5	2,125.4	2,286.6	2,171.0	2,089.2	1,826.5	1,884.6	1,820.9	2,027.8
Negros Occidental	775.2	750.0	725.1	695.8	646.2	677.4	643.5	661.6	700.3	658.0
Central Visayas	247.3	204.5	181.4	199.9	215.0	206.5	191.6	184.7	168.2	172.9
Bohol	0.9	0.8	0.7	3.8	8.1	23.3	37.4	52.9	48.0	51.0
Cebu	0.3	0.2	2.2	3.4	4.3	3.0	3.2	3.0	3.8	5.4
Negros Oriental	246.2	203.5	178.5	192.7	202.6	180.3	151.1	128.7	116.4	116.5
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	106.6	92.9	87.2	85.0	81.6	52.6	20.9	22.5	25.9	22.6
Biliran	1.5	1.6	1.7	1.8	1.8	1.7	1.5	1.5	1.4	1.6
Eastern Samar	10.5	10.6	10.7	11.2	11.2	11.3	7.2	4.4	4.1	0.6
Leyte	15.0	14.1	13.5	13.1	12.8	7.4	4.0	7.2	10.0	9.5
Northern Samar	..	..	..	..	..	..	..	1.9	2.9	3.7
Southern Leyte	11.5	3.8	3.7	3.6	3.7	3.6	3.4	3.5	3.4	3.5
Samar (Western Sama	68.1	62.9	57.5	55.3	52.2	28.6	4.9	4.1	4.1	3.8
Zamboanga Peninsula	548.4	558.6	546.0	464.2	451.0	442.9	452.5	470.3	375.7	312.7
Zamboanga del Norte	378.4	403.7	406.0	346.7	347.4	349.8	369.6	384.7	292.0	229.8
Zamboanga del Sur	55.3	42.6	28.7	20.6	14.2	11.8	9.4	8.9	8.2	9.0
Zamboanga Sibugay	61.8	60.4	60.4	54.1	60.4	54.4	50.7	54.2	53.4	52.2
Zamboanga City	52.9	51.9	51.0	42.8	29.0	27.0	22.9	22.5	22.2	21.7
Northern Mindanao	5,435.0	5,267.1	5,214.0	5,128.0	4,500.5	4,657.8	4,774.8	4,814.8	5,003.7	5,132.5
Bukidnon	4,875.0	4,675.0	4,610.0	4,545.0	3,930.0	4,070.0	4,187.0	4,213.0	4,377.0	4,481.0
Camiguin	18.6	15.5	12.7	10.7	8.6	8.2	7.3	6.9	5.0	4.8
Lanao del Norte	224.0	229.4	223.6	213.4	202.0	195.0	204.2	202.5	222.8	233.2
Misamis Occidental	2.9	3.2	3.8	4.2	4.9	6.2	7.6	8.9	8.9	9.3
Misamis Oriental	314.5	344.1	364.0	354.7	355.0	378.5	368.6	383.5	390.0	404.3
Davao Region	18,303.2	17,888.3	17,161.6	15,346.5	14,114.1	8,320.8	7,849.6	7,795.7	7,678.7	7,305.9
Davao del Norte	611.9	598.8	601.1	609.6	613.6	603.1	611.7	621.7	650.7	668.7
Davao del Sur	2,924.7	2,935.9	2,664.3	2,684.6	2,697.6	2,707.6	2,831.4	2,926.0	2,849.1	2,732.8
Davao Oriental	1,324.0	1,294.0	1,276.3	1,255.5	1,217.5	1,186.3	1,147.9	1,123.4	1,111.5	1,126.3
Compostela Valley	10,078.2	10,121.3	10,026.4	8,519.1	7,492.2	1,824.5	1,311.6	1,242.7	1,226.6	1,120.0
Davao City	3,364.5	2,938.3	2,593.7	2,277.7	2,093.2	1,999.2	1,947.0	1,882.0	1,840.8	1,658.1
SOCCSKSARGEN	14,685.7	15,091.4	15,324.5	15,133.6	15,499.4	16,291.7	15,796.5	15,296.1	14,028.9	12,971.9
North Cotabato	1,673.4	1,773.9	1,735.7	1,721.2	1,776.0	1,816.8	1,826.6	1,840.5	1,252.6	1,284.8
Sarangani	217.0	218.8	217.1	219.8	221.7	225.5	227.4	226.0	219.5	224.0
South Cotabato	887.6	884.9	908.8	993.4	995.3	1,024.8	1,032.7	1,022.3	572.0	587.3
Sultan Kudarat	11,907.6	12,213.8	12,463.0	12,199.2	12,506.3	13,224.6	12,709.8	12,207.3	11,984.8	10,875.8
Caraga	2,830.5	2,499.0	2,188.4	1,977.1	1,764.6	1,487.1	1,398.8	1,640.9	1,830.1	1,580.8
Agusan del Norte	448.0	199.5	173.0	95.5	78.7	62.4	68.8	78.5	88.9	84.0
Agusan del Sur	364.4	348.7	303.6	235.9	226.4	62.3	37.1	39.7	30.9	94.3
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	11.1	10.3	8.8	6.2	5.5	3.9	2.6	1.6	1.3	1.2
Surigao del Sur	2,007.0	1,940.6	1,703.1	1,639.4	1,454.0	1,358.5	1,290.3	1,521.1	1,709.1	1,401.3
ARMM	7,514.1	7,406.8	7,402.6	7,490.6	7,354.0	7,286.8	7,184.6	7,310.2	7,204.0	6,998.7
Basilan	1,735.5	1,720.3	1,675.0	1,644.5	1,594.7	1,549.3	1,516.0	1,515.0	1,470.0	1,474.1
Lanao del Sur	277.7	296.2	285.5	289.9	291.5	300.2	301.9	311.0	315.3	313.3
Maguindanao	2,885.5	2,888.0	2,887.8	2,885.0	2,900.8	2,904.8	2,904.6	2,988.5	2,967.6	2,724.8
Sulu	2,615.4	2,502.4	2,554.4	2,671.2	2,567.2	2,532.6	2,462.2	2,495.7	2,451.2	2,486.5
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cotton										
Philippines	**737.7**	**127.4**	**34.6**	**51.2**	**76.7**	**55.3**	**11.3**	**5.8**	**4.7**	**9.6**
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	5.8	2.7	4.5	4.6	4.7	4.1	3.4	1.6	1.5	1.5
Ilocos Norte	2.7	1.7	1.5	2.2	2.3	2.3	1.7	1.6	1.5	1.5
Ilocos Sur	3.1	1.0	3.0	2.4	2.4	1.8	1.7	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2.2	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	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	7.4	6.6	6.9	4.5	54.6	21.4	7.9	4.3	3.2	8.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	4.5	4.8	4.7	4.5	4.4	4.2	4.2	4.3	3.2	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	2.3	..	50.3	17.2	3.7	..	..	8.1
Negros Occidental	2.9	1.8	..	..	..	..	..	..	..	..
Central Visayas	71.9	55.1	23.0	42.1	3.8	3.5	..	..	0.0	0.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	71.9	55.1	23.0	42.1	3.8	3.5	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	17.4	7.2	0.2	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	17.4	7.2	0.2	..	..	..	..	..	..	..
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	588.0	55.9	..	..	13.6	26.4	..	..	..	..
North Cotabato	28.0	10.0	..	..	..	..	..	..	..	..
Sarangani	121.0	22.5	..	..	..	..	..	..	..	..
South Cotabato	390.0	23.4	..	..	13.6	26.4	..	..	..	..
Sultan Kudarat	49.0	..	..	..	..	..	..	..	..	..
Caraga	..	..	..	..	..	..	..	..	..	..
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	45.0	..	..	..	..	..	..	..	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	45.0	..	..	..	..	..	..	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Oil Palm										
Philippines	**465,995.1**	**516,114.7**	**565,459.5**	**540,913.5**	**531,294.1**	**473,416.2**	**437,439.2**	**432,496.5**	**439,528.6**	**474,792.4**
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	..	..	..	1,840.0	10,187.1	14,283.3	16,978.6	18,760.9	19,426.8	20,441.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	1,840.0	10,187.1	14,283.3	16,978.6	18,760.9	19,426.8	20,441.3
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	0.0	0.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	20,873.3	53,597.8	54,166.0	47,556.2	38,600.1	34,406.0	32,398.1	28,173.1	25,468.5	20,339.6
Bohol	20,873.3	53,597.8	54,166.0	47,556.2	38,600.1	34,406.0	32,398.1	28,173.1	25,468.5	20,339.6
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	20.7	28.7	3,012.8	20,261.2
Zamboanga del Norte	..	..	..	..	..	..	..	..	2,984.5	20,222.7
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	20.7	28.7	28.3	38.5
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	3,398.3	3,982.1	25,238.0	29,968.0	31,955.0	35,180.0	38,620.0	40,975.0	42,397.0	45,374.0
Bukidnon	405.0	730.0	21,674.0	24,250.0	25,700.0	27,580.0	28,400.0	28,950.0	29,650.0	30,084.0
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	2,993.3	3,252.1	3,564.0	5,718.0	6,255.0	7,600.0	10,220.0	12,025.0	12,747.0	15,290.0
Davao Region	4,736.4	5,815.0	6,093.7	6,126.7	5,894.3	2,975.0	3,547.0	3,982.9	4,129.9	5,437.6
Davao del Norte	..	..	..	..	..	640.4	721.7	804.0	807.8	807.5
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	76.5	331.1
Compostela Valley	4,736.4	5,815.0	6,093.7	6,126.7	5,894.3	2,334.6	2,825.3	3,077.0	3,077.2	4,101.4
Davao City	..	..	..	..	..	..	..	102.0	168.4	197.6
SOCCSKSARGEN	93,334.4	102,237.3	106,934.2	120,829.9	131,114.0	143,673.5	156,352.0	164,631.7	153,175.0	174,788.7
North Cotabato	20,446.6	27,196.9	27,379.7	37,107.2	42,904.2	51,121.3	60,177.7	66,262.9	55,913.7	62,087.0
Sarangani	28.9	29.8	30.1	27.2	26.0	25.3	25.6	25.8	24.4	32.9
South Cotabato	3,385.2	4,055.4	6,006.2	7,099.2	7,489.1	8,095.8	8,644.1	8,777.3	8,221.8	10,039.3
Sultan Kudarat	69,473.8	70,955.2	73,518.2	76,596.3	80,694.7	84,431.2	87,504.6	89,565.6	89,015.1	102,629.5
Caraga	343,432.6	350,194.6	372,363.6	315,797.4	253,117.0	136,370.7	140,459.1	153,184.1	168,817.6	164,714.8
Agusan del Norte	861.9	1,380.9	1,547.2	1,585.1	1,569.7	1,315.5	1,480.0	1,544.2	1,765.0	1,812.3
Agusan del Sur	342,217.8	348,378.0	370,342.2	313,775.4	250,831.0	134,303.7	138,199.5	149,872.4	165,271.6	160,493.9
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	353.0	435.7	474.2	436.9	716.3	751.5	779.5	1,767.6	1,781.0	2,408.7
ARMM	220.0	288.0	664.0	18,795.2	60,426.8	106,527.7	49,063.7	22,760.0	23,101.0	23,435.2
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	220.0	288.0	664.0	18,795.2	60,426.8	106,527.7	49,063.7	22,760.0	23,101.0	23,435.2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pili Nut (with shell)										
Philippines	**5,852.6**	**6,122.4**	**6,637.2**	**7,104.7**	**7,932.7**	**8,242.9**	**7,316.0**	**7,362.3**	**7,290.9**	**7,427.4**
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	164.7	145.7	127.6	107.4	80.6	62.5	46.4	40.6	36.1	30.9
Batangas	2.2	2.2	1.9	1.5	0.6	0.3	0.3	0.2	0.1	0.1
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	1.1	1.0	0.8	0.9	1.0	1.0	0.9	0.9	0.9	0.9
Quezon	161.4	142.5	124.9	105.0	79.1	61.2	45.2	39.6	35.1	30.0
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	0.3	0.3	0.5	0.6	0.9	1.0	1.4	1.7	1.7	1.8
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	0.3	0.3	0.5	0.6	0.9	1.0	1.4	1.7	1.7	1.8
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	4,711.0	4,973.1	5,490.8	5,922.4	6,757.3	7,080.9	6,183.0	6,258.4	6,283.1	6,438.9
Albay	1,528.7	1,602.2	1,676.7	1,818.8	1,934.9	2,132.5	1,743.3	1,760.2	1,854.8	1,882.3
Camarines Norte	39.0	40.5	41.0	43.0	44.9	49.3	49.8	50.5	49.8	57.9
Camarines Sur	329.4	338.3	347.1	355.0	364.5	368.3	372.6	381.5	386.0	358.1
Catanduanes	10.8	10.6	11.0	11.0	11.1	11.1	11.2	12.1	11.9	10.5
Masbate	0.9	1.0	1.2	1.5	1.5	1.8	1.9	1.9	1.9	1.9
Sorsogon	2,802.2	2,980.5	3,413.8	3,693.1	4,400.4	4,518.0	4,004.2	4,052.1	3,978.6	4,128.3
Western Visayas	90.3	90.5	92.9	90.5	87.1	83.9	75.8	73.0	66.4	62.0
Aklan	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.0	0.0
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	0.3	0.5	0.4	0.2	0.1	0.1	0.2
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	89.9	90.0	92.6	89.9	86.5	83.4	75.6	72.8	66.2	61.8
Central Visayas	1.0	0.7	0.3	0.4	0.4	0.3	0.3	0.4	0.3	0.3
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	1.0	0.7	0.3	0.4	0.4	0.3	0.3	0.4	0.3	0.3
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	873.7	901.3	914.2	973.5	995.7	1,004.5	999.2	977.5	892.9	883.3
Biliran	..	..	..	..	..	..	..	..	0.0	0.0
Eastern Samar	81.7	83.7	85.3	84.3	85.0	81.1	62.0	41.7	35.4	23.4
Leyte	5.7	6.0	6.0	6.1	6.2	5.2	1.8	1.9	2.1	1.9
Northern Samar	730.6	747.8	759.0	782.0	803.3	824.0	848.5	843.4	769.8	771.9
Southern Leyte	55.7	63.8	63.9	101.2	101.2	94.2	87.0	90.6	85.7	86.1
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	3.3	3.0	2.9	2.8	3.4	3.2	3.1	3.0	2.6	2.0
Bukidnon	..	..	..	..	0.5	0.5	0.4	0.3	0.4	0.3
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	3.3	3.0	2.9	2.8	2.9	2.7	2.7	2.7	2.2	1.7
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	5.7	5.4	5.8	5.7	6.3	5.7	6.2	7.4	7.5	7.6
Davao del Norte	0.6	0.5	0.8	0.7	0.8	0.8	0.9	0.8	0.8	0.8
Davao del Sur	3.8	3.4	3.3	3.4	3.5	3.2	3.6	3.7	3.7	3.8
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	1.0	1.1	1.3	1.1	1.5	1.1	1.1	1.4	1.4	1.3
Davao City	0.3	0.4	0.4	0.5	0.6	0.6	0.7	1.5	1.6	1.7
SOCCSKSARGEN	2.8	2.6	2.3	1.5	1.1	0.8	0.6	0.4	0.3	0.5
North Cotabato	2.8	2.6	2.3	1.5	1.1	0.8	0.6	0.4	0.3	0.5
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
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Rubber										
Philippines	**411,043.5**	**390,961.5**	**395,237.2**	**425,704.8**	**442,998.2**	**444,817.7**	**453,052.5**	**398,136.6**	**362,626.0**	**406,984.5**
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	13.4	14.7	12.5	27.1	35.0	72.4	64.0	34.7	35.2	21.3
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	13.4	12.1	10.5	24.0	31.7	70.0	64.0	34.7	35.2	21.3
Quezon	..	2.6	2.0	3.1	3.2	2.4	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	15.9	19.9	24.4	36.7	41.9	59.3	102.1	117.7	122.2	132.4
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	10.6	11.1	11.2	12.0	11.8	11.0	10.6
Palawan	15.9	19.9	24.4	26.0	30.8	48.1	90.1	105.9	111.2	121.8
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	0.0	0.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	9.2	18.2	34.2	38.6	33.2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	9.2	18.2	34.2	38.6	33.2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	12.2
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	12.2
Zamboanga Peninsula	173,715.1	164,830.1	171,125.7	188,934.0	188,854.7	195,357.0	191,609.8	176,771.9	164,413.9	155,718.9
Zamboanga del Norte	25,049.6	15,398.6	17,700.7	18,432.6	19,460.0	19,912.0	20,668.3	21,485.5	21,433.2	20,328.7
Zamboanga del Sur	30,518.5	25,684.6	24,871.7	25,601.9	26,048.3	27,744.5	25,775.4	24,900.6	21,953.4	23,097.7
Zamboanga Sibugay	116,598.7	122,142.2	126,915.3	143,143.1	141,419.5	145,744.7	143,084.2	128,280.6	119,011.3	110,259.1
Zamboanga City	1,548.3	1,604.8	1,638.0	1,756.4	1,926.8	1,955.8	2,081.8	2,105.3	2,016.0	2,033.4
Northern Mindanao	10,078.9	10,168.6	10,198.9	10,720.0	10,791.7	11,261.0	11,872.6	12,141.9	12,402.2	12,964.1
Bukidnon	9,815.0	9,889.1	9,920.0	10,430.0	10,490.0	10,900.0	11,250.0	11,338.0	11,585.0	12,128.4
Camiguin	1.2	1.5	2.3	3.4	1.7	1.8	1.8	1.9	1.9	2.0
Lanao del Norte	..	..	..	..	..	60.0	197.6	218.3	224.0	232.6
Misamis Occidental	13.0	28.0	29.5	32.2	33.2	35.7	46.3	99.8	112.6	106.5
Misamis Oriental	249.7	250.0	247.0	254.4	266.7	263.5	377.0	484.0	478.7	494.7
Davao Region	16,181.1	15,844.4	15,795.4	16,109.9	16,070.1	8,240.8	10,848.9	11,406.9	11,028.2	11,187.4
Davao del Norte	1,175.8	1,089.8	1,085.1	1,127.1	1,144.1	1,111.8	1,137.7	1,159.8	1,107.3	1,187.4
Davao del Sur	2,354.9	2,365.2	2,312.9	2,467.6	2,541.7	2,560.9	2,652.5	2,670.0	2,653.3	2,880.8
Davao Oriental	29.9	58.5	60.7	63.4	64.4	41.1	42.7	46.0	47.5	49.1
Compostela Valley	11,476.8	11,188.0	11,174.4	11,247.6	10,895.3	2,997.4	5,372.3	5,733.9	5,493.5	5,261.9
Davao City	1,143.7	1,143.0	1,162.4	1,204.2	1,424.6	1,529.6	1,643.7	1,797.2	1,726.6	1,808.2
SOCCSKSARGEN	164,005.2	152,963.2	149,964.9	158,994.7	169,745.4	172,953.9	173,976.5	126,264.2	102,376.5	147,480.0
North Cotabato	163,219.9	152,154.2	149,126.3	158,181.2	168,936.1	172,103.0	173,110.3	125,428.3	101,599.1	146,578.1
Sarangani	501.0	514.3	508.8	470.0	459.0	464.0	466.8	466.6	451.0	456.0
South Cotabato	29.5	33.0	33.5	33.4	33.9	34.7	35.0	34.9	38.2	41.0
Sultan Kudarat	254.8	261.6	296.4	310.1	316.4	352.2	364.5	334.5	288.2	404.9
Caraga	15,540.1	14,686.1	14,618.7	15,247.7	16,610.8	10,030.8	10,509.1	12,006.0	12,845.2	14,192.7
Agusan del Norte	17.4	26.9	29.5	106.4	421.1	505.7	644.7	731.9	752.5	928.0
Agusan del Sur	15,464.7	14,603.2	14,525.3	15,077.2	16,102.2	9,428.7	9,763.7	11,141.9	11,971.3	13,139.9
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	5.0	7.5	13.0	5.0	5.8
Surigao del Sur	58.0	56.1	63.9	64.0	87.6	91.5	93.2	119.2	116.5	119.0
ARMM	31,493.7	32,434.6	33,496.7	35,634.9	40,848.6	46,833.3	54,051.3	59,359.2	59,364.1	65,242.3
Basilan	30,863.8	31,917.5	32,941.0	34,981.2	40,048.1	45,305.3	51,716.0	57,519.0	57,596.5	63,517.0
Lanao del Sur	594.1	424.9	409.7	476.7	493.5	518.0	1,028.3	555.2	552.6	556.0
Maguindanao	35.8	92.2	146.0	177.0	307.0	1,010.0	1,307.0	1,285.0	1,215.0	1,169.3
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Sugarcane										
Philippines	**26,601,384.0**	**22,932,819.0**	**17,929,269.0**	**28,376,518.0**	**26,395,915.0**	**24,584,842.0**	**25,029,880.0**	**22,926,437.0**	**22,370,546.0**	**29,286,893.0**
CAR	9,842.4	10,215.1	6,992.4	7,977.0	7,567.6	12,895.2	49,709.2	51,787.0	41,816.1	24,870.4
Abra	..	176.3	178.1	178.9	180.9	184.2	187.2	153.2	173.2	178.0
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	10.0	9.7	10.5	14.1
Ifugao	..	..	..	..	..	103.3	190.0	114.0	93.8	49.6
Kalinga	9,045.0	9,236.0	6,000.0	6,960.0	6,530.0	11,750.0	48,461.0	50,640.8	40,736.5	23,816.0
Mountain Province	797.4	802.8	814.3	838.1	856.7	857.7	861.1	869.4	802.1	812.7
Ilocos Region	19,022.4	20,040.7	19,613.9	18,613.2	19,029.1	19,320.5	19,313.5	19,512.2	19,571.5	19,804.9
Ilocos Norte	9,275.3	9,490.4	9,702.8	9,905.3	10,024.5	10,289.5	10,576.4	10,698.3	10,721.1	10,727.8
Ilocos Sur	2,331.0	2,474.6	2,568.3	2,594.6	2,673.4	2,761.4	2,714.3	2,700.8	2,745.2	2,834.1
La Union	1,372.5	1,391.2	1,506.0	1,578.2	1,629.2	1,675.0	1,718.9	1,819.6	1,855.5	1,923.5
Pangasinan	6,043.6	6,684.5	5,836.9	4,535.1	4,702.0	4,594.5	4,303.8	4,293.5	4,249.7	4,319.5
Cagayan Valley	263,371.3	202,232.1	181,545.5	176,322.2	251,805.0	491,489.4	569,077.4	583,808.3	562,001.6	457,444.2
Batanes	..	..	..	..	21.4	21.4	14.0	8.5	5.5	3.2
Cagayan	202,535.0	150,911.1	142,218.3	133,833.9	178,336.1	225,301.6	176,465.1	211,206.3	193,213.5	166,901.6
Isabela	60,418.4	50,925.0	38,979.7	42,188.9	73,179.4	265,902.0	392,330.7	372,322.7	368,512.9	290,277.6
Nueva Vizcaya	73.0	68.0	60.0	53.0	24.1	17.5	16.1	8.2	12.4	11.4
Quirino	345.0	328.0	287.5	246.3	244.0	247.0	251.5	262.5	257.3	250.4
Central Luzon	1,321,301.0	1,034,084.0	840,863.0	998,977.8	1,393,964.0	996,969.6	923,074.5	678,439.4	720,327.3	837,490.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	6,005.0	6,006.0	6,000.0	3,000.0	2,500.0	2,100.0	1,050.0	1,000.0	832.1	800.0
Bulacan	132.0	89.0	30.0	20.0	15.0	14.0	15.0	16.0	5.0	4.0
Nueva Ecija	2,550.2	2,295.2	2,295.0	2,302.1	2,300.8	2,652.8	6,400.0	6,560.0	7,083.4	7,437.6
Pampanga	504,480.8	406,733.1	274,505.4	301,848.9	510,842.3	264,287.3	189,375.0	171,569.0	160,992.7	184,282.0
Tarlac	807,950.6	618,777.2	557,837.5	691,600.5	878,030.5	727,647.1	725,957.3	499,005.7	551,141.0	644,696.0
Zambales	182.3	183.9	195.1	206.3	275.0	268.5	277.2	288.7	273.2	270.8
CALABARZON	2,457,833.0	1,791,746.0	1,665,807.0	2,132,415.0	1,918,858.0	1,783,985.0	1,578,076.0	1,741,706.0	1,663,545.0	1,795,255.0
Batangas	2,429,635.0	1,753,572.0	1,627,896.0	2,093,146.0	1,857,905.0	1,722,011.0	1,512,903.0	1,647,016.0	1,563,355.0	1,698,821.0
Cavite	17,384.0	27,933.4	27,874.6	28,731.1	50,942.2	52,964.2	53,923.2	78,159.8	88,171.8	84,075.7
Laguna	10,814.0	10,241.0	10,036.2	10,538.0	10,011.1	9,010.0	11,250.0	11,136.4	10,550.2	10,876.0
Quezon	..	..	..	..	..	..	..	5,394.0	1,468.5	1,482.0
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	319,989.2	246,342.5	224,000.6	306,048.8	282,047.1	259,311.4	259,238.9	239,010.1	264,095.3	245,886.5
Albay	62,104.6	62,624.8	64,920.1	66,462.1	70,119.3	74,224.6	69,412.4	67,096.5	70,584.5	65,817.6
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	257,882.0	183,715.0	159,077.9	239,584.0	211,925.0	185,084.0	189,824.0	171,911.0	193,508.0	180,066.0
Catanduanes	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	2.3	2.4	2.4	2.4	2.4	2.5	2.2	2.3	2.4	2.6
Western Visayas	13,770,505.0	12,469,613.0	9,778,749.0	15,418,669.0	14,577,517.0	13,886,060.0	14,523,886.0	13,420,517.0	13,354,407.1	16,961,168.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	54,458.5	54,148.8	53,942.4	55,295.9	55,874.5	55,066.4	54,555.3	55,823.6	55,437.3	56,441.5
Capiz	551,595.1	496,933.3	386,623.4	607,704.3	503,260.5	375,655.8	482,209.6	448,599.4	473,050.8	578,527.5
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	1,007,752.0	791,320.7	642,212.2	1,258,358.0	1,149,658.0	970,446.6	1,270,718.0	1,178,517.0	1,339,051.0	1,569,885.0
Negros Occidental	12,156,699.0	11,127,210.0	8,695,971.0	13,497,311.0	12,868,724.0	12,484,891.0	12,716,403.0	11,737,577.0	11,486,868.0	14,756,314.0
Central Visayas	2,905,399.0	2,035,675.0	1,497,817.0	2,516,978.0	2,055,411.0	2,054,460.0	2,272,491.0	1,944,255.0	1,900,575.0	2,785,082.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	500,609.0	405,105.5	286,468.3	523,780.0	357,475.0	310,462.0	397,247.0	241,573.0	333,360.0	331,829.0
Negros Oriental	2,404,790.0	1,630,569.0	1,211,349.0	1,993,198.0	1,697,936.0	1,743,998.0	1,875,244.0	1,702,682.0	1,567,215.0	2,453,253.0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	553,088.4	406,876.3	352,948.5	516,705.8	395,843.9	318,296.7	348,642.4	179,362.5	333,411.6	373,161.6
Biliran	..	..	..	..	..	..	..	..	..	0.1
Eastern Samar	2.0	2.2	2.2	2.2	2.1	2.1	1.4	0.5	0.5	0.4
Leyte	553,057.3	406,844.7	352,917.1	516,674.9	395,812.0	318,265.9	348,613.5	179,333.9	333,383.1	373,132.2
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	28.6	29.0	28.8	28.5	29.6	28.5	27.4	28.0	28.0	28.9
Samar (Western Sama	0.4	0.4	0.4	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Zamboanga Peninsula	420.9	404.6	368.3	354.9	315.9	294.7	287.8	106.6	101.3	96.2
Zamboanga del Norte	263.6	256.9	234.0	237.7	219.8	205.1	198.4	18.1	14.5	13.9
Zamboanga del Sur	14.7	12.6	9.0	6.8	6.2	6.3	7.4	8.0	7.3	6.6
Zamboanga Sibugay	36.2	33.2	29.6	21.2	8.4	7.5	8.0	7.6	7.5	7.5
Zamboanga City	106.4	101.9	95.7	89.2	81.5	75.8	74.1	73.0	72.1	68.1
Northern Mindanao	3,421,408.0	3,493,130.0	2,549,197.0	4,870,725.0	4,045,379.0	3,496,230.0	3,441,056.0	3,065,463.0	2,766,783.0	4,589,614.0
Bukidnon	3,421,408.0	3,493,130.0	2,549,197.0	4,870,725.0	4,045,379.0	3,496,030.0	3,440,881.0	3,065,307.0	2,766,783.0	4,589,614.0
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	200.0	175.0	156.0	..	..
Davao Region	574,492.5	524,686.3	256,801.8	535,122.2	453,209.0	438,231.4	335,683.9	208,743.2	270,396.9	402,722.6
Davao del Norte	144.6	135.4	143.1	133.3	118.0	101.2	79.1	63.0	58.3	56.1
Davao del Sur	574,099.3	524,313.6	256,434.3	534,800.1	452,913.7	438,055.1	335,541.9	208,624.3	270,291.8	402,621.9
Davao Oriental	4.6	4.5	4.6	4.7	4.6	4.6	4.6	4.5	4.4	4.4
Compostela Valley	244.1	232.8	219.9	184.2	172.8	70.6	58.3	51.4	42.4	40.2
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	926,416.8	653,062.0	505,691.7	821,513.3	902,177.7	735,087.5	632,979.0	680,383.0	437,447.3	684,402.5
North Cotabato	688,127.3	450,429.3	315,435.1	550,354.9	581,822.3	451,531.8	389,770.2	431,290.9	289,750.2	522,012.6
Sarangani	121,877.0	91,126.4	68,060.3	97,518.3	112,015.9	94,761.0	84,387.1	82,661.2	55,120.5	54,675.4
South Cotabato	56,278.7	47,481.7	43,330.1	45,414.8	54,955.6	59,887.7	37,132.3	38,074.5	9,585.5	17,292.3
Sultan Kudarat	60,133.9	64,024.6	78,866.2	128,225.3	153,384.0	128,907.0	121,689.4	128,356.4	82,991.2	90,422.2
Caraga	8.6	7.3	3.4	1.0	0.8	0.8	0.5	0.4	0.4	0.4
Agusan del Norte	1.1	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	7.5	6.6	3.0	0.7	0.6	0.6	0.3	0.3	0.3	0.3
ARMM	58,284.9	44,704.4	48,870.6	56,095.4	92,790.7	92,209.4	76,364.2	113,343.2	36,065.9	109,894.3
Basilan	19.1	18.4	17.5	16.7	15.9	14.1	10.7	..	..	..
Lanao del Sur	49,400.0	38,779.0	43,762.0	46,240.0	86,761.0	86,579.8	74,365.1	105,069.6	36,052.6	109,881.6
Maguindanao	8,846.5	5,889.6	5,075.7	9,824.5	6,001.7	5,601.4	1,973.9	8,260.1	0.8	0.7
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	19.4	17.5	15.3	14.3	12.2	14.2	14.6	13.5	12.5	12.0

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tobacco										
Philippines	**32,466.3**	**36,383.3**	**40,529.8**	**44,944.5**	**48,074.9**	**53,753.0**	**61,417.5**	**56,193.5**	**56,456.7**	**51,024.2**
CAR	912.1	929.3	940.8	925.8	948.7	963.5	1,256.7	1,484.1	1,804.7	1,777.4
Abra	902.8	922.2	934.7	919.8	942.6	957.2	1,250.2	1,477.6	1,696.3	1,757.2
Apayao	0.8	0.7	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.5
Benguet	2.4	..	..	..	..	..	..	..	..	..
Ifugao	1.2	1.6	1.2	1.3	1.3	1.4	1.9	1.8	1.6	1.8
Kalinga	4.9	4.8	4.8	4.5	4.6	4.6	4.2	4.3	106.4	17.9
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	23,589.6	24,341.1	27,324.5	30,170.8	32,538.4	37,111.4	40,073.3	39,398.3	38,230.6	35,637.5
Ilocos Norte	1,979.1	2,238.6	2,728.2	3,722.4	4,102.3	4,368.3	5,691.4	4,674.1	4,285.5	3,839.0
Ilocos Sur	11,599.7	11,912.5	13,833.0	15,904.6	17,526.7	21,570.7	23,269.9	23,804.0	23,314.8	22,159.2
La Union	5,603.4	5,506.1	5,464.1	5,106.7	5,486.6	5,591.0	5,701.4	5,887.2	5,570.1	5,442.2
Pangasinan	4,407.4	4,683.9	5,299.3	5,437.1	5,422.8	5,581.6	5,410.7	5,033.0	5,060.2	4,197.2
Cagayan Valley	6,327.9	9,238.7	10,501.6	12,276.7	12,960.0	12,889.3	15,967.6	11,627.2	12,210.4	9,501.1
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	2,226.5	2,258.1	2,187.5	2,955.0	2,761.0	3,194.1	3,400.8	2,631.0	1,520.6	887.0
Isabela	4,021.5	6,915.6	8,272.7	9,309.7	10,182.9	9,678.0	12,536.9	8,960.0	10,657.5	8,583.5
Nueva Vizcaya	46.0	20.0	15.0	12.0	16.0	17.1	30.0	36.3	32.2	30.6
Quirino	33.9	45.0	26.4	..	..	..	..	..	..	..
Central Luzon	25.4	202.2	195.1	168.2	29.3	32.8	30.1	10.4	10.0	19.2
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	25.4	202.2	195.1	168.2	29.3	32.8	30.1	10.4	10.0	19.2
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	553.5	578.0	562.5	622.3	596.8	1,539.6	2,701.5	1,501.4	1,568.2	748.2
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	550.0	575.0	560.0	620.0	595.0	1,538.0	2,700.0	1,500.0	1,566.9	746.9
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	3.5	3.0	2.5	2.3	1.8	1.6	1.5	1.4	1.4	1.3
Bicol Region	9.0	6.8	2.8	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	9.0	6.8	2.8	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	279.0	310.3	323.1	298.5	305.3	162.7	275.1	266.4	250.4	267.4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	9.3	8.3	6.9	7.4	7.2	7.3	8.0	7.9	9.0	8.2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	252.8	285.6	301.2	274.3	280.3	137.0	249.5	242.7	227.4	247.3
Negros Occidental	16.9	16.4	15.0	16.8	17.8	18.4	17.6	15.8	14.0	11.9
Central Visayas	19.3	18.3	15.7	10.6	9.3	9.6	10.1	9.4	10.7	6.6
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	7.2	6.9	3.7	2.8	2.4	1.3	0.8	0.8	..	..
Negros Oriental	12.1	11.4	12.0	7.8	6.9	8.3	9.3	8.7	10.7	6.6
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	23.0	21.8	20.3	19.2	18.0	12.6	7.6	6.2	4.7	4.3
Biliran	2.3	2.2	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	17.7	16.8	15.7	15.1	14.3	9.2	4.8	3.6	2.3	2.0
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.3
Samar (Western Sama	1.6	1.4	1.4	1.0	0.9	0.7	0.4	0.2	0.1	0.1
Zamboanga Peninsula	21.3	21.7	21.3	16.1	15.1	15.9	26.8	26.3	28.6	26.8
Zamboanga del Norte	1.7	1.9	2.1	1.9	1.8	1.5	1.7	1.9	1.7	1.5
Zamboanga del Sur	9.5	9.2	9.1	8.3	7.5	8.4	8.8	8.9	5.9	4.0
Zamboanga Sibugay	9.7	10.2	9.6	5.4	5.4	5.5	15.8	15.0	20.5	20.8
Zamboanga City	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Northern Mindanao	527.6	559.5	481.3	311.2	546.5	935.6	1,005.0	1,812.8	2,222.2	2,953.8
Bukidnon	..	..	..	..	..	..	..	22.8	221.2	377.8
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	527.6	559.5	481.3	311.2	546.5	935.6	1,005.0	1,790.0	2,001.0	2,576.0
Davao Region	24.1	23.3	21.6	20.3	18.8	17.4	17.2	16.5	15.9	14.5
Davao del Norte	5.1	4.6	5.0	4.9	5.0	5.2	5.4	5.6	5.5	5.2
Davao del Sur	8.8	8.7	7.3	6.4	6.2	6.2	6.1	5.6	5.3	4.5
Davao Oriental	5.0	4.9	4.8	4.8	4.3	4.2	4.2	3.9	3.8	3.7
Compostela Valley	3.3	3.3	3.2	3.1	2.5	1.2	1.0	0.9	0.9	0.9
Davao City	1.9	1.9	1.3	1.1	0.8	0.6	0.5	0.5	0.4	0.2
SOCCSKSARGEN	60.4	56.9	53.8	49.9	46.0	36.9	30.4	28.6	95.8	64.4
North Cotabato	34.4	32.6	30.9	30.7	28.4	20.4	15.1	13.8	11.3	6.9
Sarangani	13.5	13.6	12.3	9.5	8.2	7.3	6.1	5.6	5.0	4.6
South Cotabato	8.2	8.0	8.0	7.7	7.5	7.3	7.2	7.3	77.9	51.8
Sultan Kudarat	4.3	2.7	2.6	2.1	1.9	2.0	2.1	2.0	1.7	1.1
Caraga	9.3	5.9	4.4	1.6	1.5	1.4	1.0	0.9	1.0	0.6
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3.5	1.0	..	..	..	..	..	..	..	..
Surigao del Sur	5.8	4.9	4.4	1.6	1.5	1.4	1.0	0.9	1.0	0.6
ARMM	85.0	69.5	61.0	53.5	41.3	24.3	15.2	5.0	3.6	2.6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	85.0	69.5	61.0	53.5	41.3	24.3	15.2	5.0	3.6	2.6
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tobacco Native										
Philippines	**10,047.1**	**10,415.8**	**10,765.3**	**11,546.0**	**10,525.2**	**10,805.5**	**10,169.1**	**8,177.9**	**5,779.0**	**6,495.5**
CAR	5.7	5.5	5.0	4.7	17.4	10.1	14.0	14.8	14.8	13.5
Abra	..	..	..	..	12.6	5.1	9.4	10.1	10.0	10.1
Apayao	0.8	0.7	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.5
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	4.9	4.8	4.8	4.5	4.6	4.6	4.2	4.3	4.4	2.9
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	5,293.7	4,164.3	4,164.1	4,055.2	4,235.8	4,075.7	4,127.4	4,203.9	4,373.1	4,688.0
Ilocos Norte	285.6	290.2	293.8	155.0	112.3	86.4	24.4	18.9	238.5	368.5
Ilocos Sur	2,732.0	1,476.6	1,367.8	1,347.0	1,462.9	1,300.9	1,442.5	1,467.7	1,415.6	1,521.0
La Union	1,463.7	1,546.3	1,608.4	1,631.7	1,776.3	1,794.7	1,816.2	1,878.8	1,923.2	1,986.6
Pangasinan	812.4	851.1	894.1	921.5	884.3	893.8	844.4	838.5	795.8	811.9
Cagayan Valley	3,687.9	5,150.3	5,590.0	6,704.0	5,270.0	5,518.7	4,828.3	2,918.7	378.0	746.3
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1,658.7	1,432.8	1,314.8	1,950.5	1,787.5	2,066.7	2,187.3	1,637.3	169.8	328.0
Isabela	2,029.2	3,717.6	4,275.2	4,753.5	3,482.5	3,452.0	2,641.0	1,281.5	208.2	418.3
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	3.5	3.0	2.5	2.3	1.8	1.6	1.5	1.4	1.4	1.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	3.5	3.0	2.5	2.3	1.8	1.6	1.5	1.4	1.4	1.3
Bicol Region	9.0	6.8	2.8	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	9.0	6.8	2.8	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	279.0	310.3	323.1	298.5	305.3	162.7	275.1	266.4	250.4	267.4
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	9.3	8.3	6.9	7.4	7.2	7.3	8.0	7.9	9.0	8.2
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	252.8	285.6	301.2	274.3	280.3	137.0	249.5	242.7	227.4	247.3
Negros Occidental	16.9	16.4	15.0	16.8	17.8	18.4	17.6	15.8	14.0	11.9
Central Visayas	17.6	16.9	14.2	9.6	8.6	9.1	9.7	9.2	10.7	6.6
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	7.2	6.9	3.7	2.8	2.4	1.3	0.8	0.8	..	..
Negros Oriental	10.4	10.0	10.5	6.8	6.3	7.8	8.9	8.5	10.7	6.6
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	23.0	21.8	20.3	19.2	18.0	12.6	7.6	6.2	4.7	4.3
Biliran	2.3	2.2	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	17.7	16.8	15.7	15.1	14.3	9.2	4.8	3.6	2.3	2.0
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.3
Samar (Western Sama	1.6	1.4	1.4	1.0	0.9	0.7	0.4	0.2	0.1	0.1
Zamboanga Peninsula	21.3	21.7	21.3	16.1	15.1	15.9	26.8	26.3	28.6	26.8
Zamboanga del Norte	1.7	1.9	2.1	1.9	1.8	1.5	1.7	1.9	1.7	1.5
Zamboanga del Sur	9.5	9.2	9.1	8.3	7.5	8.4	8.8	8.9	5.9	4.0
Zamboanga Sibugay	9.7	10.2	9.6	5.4	5.4	5.5	15.8	15.0	20.5	20.8
Zamboanga City	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Northern Mindanao	527.6	559.5	481.3	311.2	545.5	919.1	815.0	680.0	672.0	704.0
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	527.6	559.5	481.3	311.2	545.5	919.1	815.0	680.0	672.0	704.0
Davao Region	24.1	23.3	21.6	20.3	18.8	17.4	17.2	16.5	15.9	14.5
Davao del Norte	5.1	4.6	5.0	4.9	5.0	5.2	5.4	5.6	5.5	5.2
Davao del Sur	8.8	8.7	7.3	6.4	6.2	6.2	6.1	5.6	5.3	4.5
Davao Oriental	5.0	4.9	4.8	4.8	4.3	4.2	4.2	3.9	3.8	3.7
Compostela Valley	3.3	3.3	3.2	3.1	2.5	1.2	1.0	0.9	0.9	0.9
Davao City	1.9	1.9	1.3	1.1	0.8	0.6	0.5	0.5	0.4	0.2
SOCCSKSARGEN	60.4	56.9	53.8	49.9	46.0	36.9	30.4	28.6	24.9	19.6
North Cotabato	34.4	32.6	30.9	30.7	28.4	20.4	15.1	13.8	11.3	6.9
Sarangani	13.5	13.6	12.3	9.5	8.2	7.3	6.1	5.6	5.0	4.6
South Cotabato	8.2	8.0	8.0	7.7	7.5	7.3	7.2	7.3	7.0	7.0
Sultan Kudarat	4.3	2.7	2.6	2.1	1.9	2.0	2.1	2.0	1.7	1.1
Caraga	9.3	5.9	4.4	1.6	1.5	1.4	1.0	0.9	1.0	0.6
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	3.5	1.0	..	..	..	..	..	..	..	..
Surigao del Sur	5.8	4.9	4.4	1.6	1.5	1.4	1.0	0.9	1.0	0.6
ARMM	85.0	69.5	61.0	53.5	41.3	24.3	15.2	5.0	3.6	2.6
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	85.0	69.5	61.0	53.5	41.3	24.3	15.2	5.0	3.6	2.6
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tobacco Virginia										
Philippines	**15,124.6**	**16,578.3**	**18,839.2**	**21,446.9**	**23,644.0**	**28,245.4**	**31,321.0**	**32,147.9**	**31,610.8**	**30,418.3**
CAR	905.2	922.2	934.7	919.8	930.0	944.3	1,226.0	1,452.1	1,671.1	1,731.3
Abra	902.8	922.2	934.7	919.8	930.0	944.3	1,226.0	1,452.1	1,671.1	1,731.3
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	2.4	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	14,217.7	15,654.6	17,903.0	20,526.1	22,693.5	27,267.4	29,888.8	29,562.8	28,342.7	26,437.2
Ilocos Norte	1,605.6	1,760.0	2,120.4	3,134.4	3,495.6	3,785.2	4,909.2	4,001.3	3,558.0	3,161.4
Ilocos Sur	8,665.8	10,197.4	12,209.2	14,226.1	16,057.6	20,269.3	21,734.9	22,245.4	21,814.2	20,544.6
La Union	3,946.3	3,697.2	3,573.4	3,165.7	3,140.3	3,212.9	3,244.7	3,316.1	2,970.5	2,731.3
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	18.8	16.8	15.8	..	46.8	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	18.8	16.8	15.8	..	46.8	..
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	0.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	1.7	1.4	1.5	1.0	0.6	0.5	0.4	0.2	0.0	0.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	1.7	1.4	1.5	1.0	0.6	0.5	0.4	0.2	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	..	1.0	16.5	190.0	1,132.8	1,550.2	2,249.8
Bukidnon	..	..	..	..	..	..	..	22.8	221.2	377.8
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	1.0	16.5	190.0	1,110.0	1,329.0	1,872.0
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	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Chrysanthemum										
Philippines	**2,365.0**	**2,542.0**	**2,496.7**	**2,566.8**	**2,606.3**	**2,561.2**	**2,620.0**	**2,466.8**	**2,292.4**	**2,404.5**
CAR	1,268.7	1,326.9	1,360.9	1,358.0	1,401.4	1,419.6	1,364.4	1,323.0	1,186.2	1,283.0
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,268.7	1,326.9	1,360.9	1,358.0	1,401.4	1,419.6	1,364.4	1,320.8	1,186.1	1,283.0
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	2.2	0.1	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.6	0.5	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.2
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	0.6	0.5	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.2
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	28.4	30.9	31.0	27.8	23.5	17.8	16.8	14.9	15.8	16.5
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	28.4	30.9	31.0	27.8	23.5	17.8	16.8	14.9	15.8	16.5
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	32.5	49.0	45.9	42.6	42.4	41.3	38.5	25.2	25.1	27.4
Batangas	1.8	1.8	1.3	0.5	0.1	0.1	0.1	0.1	0.1	0.0
Cavite	..	19.4	18.8	18.6	19.7	20.3	19.5	20.7	20.7	22.0
Laguna	16.8	15.1	13.8	12.9	12.4	11.7	10.8	..	..	..
Quezon	13.9	12.8	12.1	10.6	10.2	9.3	8.1	4.5	4.4	5.4
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	70.1	70.7	70.0	67.1	62.3	56.7	48.2	47.9	45.1	44.9
Albay	62.2	62.8	62.0	59.0	54.1	48.4	40.1	39.8	37.6	36.2
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	7.9	7.9	8.0	8.1	8.2	8.2	8.2	8.1	7.5	8.7
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	10.1	10.6	11.5	12.7	13.3	12.5	11.9	15.5	15.2	14.1
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	7.4	7.8	8.7	9.7	10.3	9.6	8.9	8.8	8.8	8.0
Guimaras	..	..	..	..	..	..	0.1	0.1	0.1	0.1
Iloilo	..	..	..	..	..	..	..	3.6	3.4	3.3
Negros Occidental	2.7	2.8	2.7	3.0	3.0	2.8	2.9	3.0	2.9	2.8
Central Visayas	552.9	658.1	591.9	677.6	692.1	684.9	815.5	725.8	698.4	702.7
Bohol	1.6	1.5	1.3	1.2	1.0	0.7	0.9	1.0	0.9	0.9
Cebu	550.7	656.1	590.1	676.3	691.0	684.2	814.5	724.8	697.4	701.7
Negros Oriental	0.5	0.5	0.5	0.1	0.1	0.1	0.0	0.1	0.0	0.2
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	8.0	9.5	10.2	10.7	10.6	10.0	8.0	8.4	8.9	8.9
Biliran	1.8	2.6	3.4	3.4	3.5	3.3	3.2	3.2	3.1	2.8
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	2.4	2.8	2.7	2.7	2.7	2.4	1.0	1.1	1.2	1.2
Northern Samar	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.3	1.1	1.1
Southern Leyte	1.9	2.0	2.0	2.6	2.6	2.4	2.1	2.4	2.4	2.6
Samar (Western Sama	0.9	0.9	1.0	0.7	0.6	0.5	0.4	0.4	1.1	1.3
Zamboanga Peninsula	28.4	30.6	31.1	32.4	31.9	33.0	33.2	34.5	33.9	34.4
Zamboanga del Norte	1.8	2.2	3.0	3.0	3.8	4.1	4.5	5.9	5.3	5.7
Zamboanga del Sur	2.7	2.8	2.8	2.9	2.8	2.8	3.1	3.1	3.1	3.1
Zamboanga Sibugay	..	..	0.3	0.3	0.4	0.4	0.7	0.6	0.6	0.6
Zamboanga City	23.9	25.6	25.0	26.2	25.0	25.8	25.0	25.0	25.0	25.0
Northern Mindanao	33.5	41.4	50.3	55.0	57.4	62.8	69.6	65.6	73.7	77.7
Bukidnon	5.5	6.6	6.1	7.0	7.6	8.0	8.3	8.9	12.3	13.3
Camiguin	..	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Lanao del Norte	21.2	21.7	27.1	27.8	29.3	29.9	30.1	30.0	32.5	34.2
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	6.9	13.1	16.9	20.0	20.4	24.8	31.0	26.5	28.8	30.0
Davao Region	284.2	265.0	246.0	231.5	216.1	166.7	158.0	153.6	146.2	142.8
Davao del Norte	126.3	120.7	107.2	97.9	91.3	85.6	79.2	75.5	70.2	65.2
Davao del Sur	4.1	4.3	4.2	4.3	4.4	4.4	4.5	4.6	5.5	5.9
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	129.1	119.2	113.7	108.9	100.5	56.6	54.0	52.8	49.9	51.0
Davao City	24.8	20.8	20.9	20.4	20.0	20.2	20.2	20.8	20.5	20.8
SOCCSKSARGEN	38.9	40.7	40.0	45.2	49.5	50.3	51.2	48.8	40.3	48.8
North Cotabato	16.8	17.5	16.8	17.6	21.5	22.2	23.0	21.6	16.3	22.3
Sarangani	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.6	2.7
South Cotabato	18.2	19.5	19.9	24.5	24.9	25.1	25.2	24.3	21.3	23.7
Sultan Kudarat	1.2	1.0	0.7	0.4	0.4	0.3	0.3	0.3	0.2	0.2
Caraga	3.3	3.2	3.0	2.8	3.1	3.3	3.3	2.8	3.1	2.9
Agusan del Norte	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.2
Agusan del Sur	2.2	2.1	2.0	1.8	2.0	2.3	2.2	1.7	1.7	1.3
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	0.2	0.3
Surigao del Sur	..	..	..	..	..	..	..	0.0	0.1	0.1
ARMM	5.4	5.0	4.4	3.1	2.3	1.8	1.2	0.4	0.1	0.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	5.4	5.0	4.4	3.1	2.3	1.8	1.2	0.4	0.1	0.1
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gladiola										
Philippines	**1,268.2**	**1,231.5**	**1,181.5**	**1,114.4**	**1,065.9**	**1,013.7**	**786.6**	**668.1**	**549.6**	**531.9**
CAR	1,064.3	1,011.9	972.3	894.0	832.9	739.6	515.6	406.2	294.3	275.5
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,064.3	1,011.9	972.3	894.0	832.9	739.6	515.6	406.2	294.3	275.5
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.1	0.1	0.1	0.1	..	..	..	..	..	..
Ilocos Norte	0.1	0.1	0.1	0.1	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	30.4	30.0	26.6	25.2	23.2	21.5	19.8	15.7	15.2	15.4
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	5.7	5.6	5.4	5.3	5.4	5.5	6.2	5.4	4.5	4.2
Nueva Vizcaya	24.5	24.2	21.1	19.8	17.7	16.0	13.6	10.4	10.7	11.2
Quirino	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	57.4	53.4	49.1	45.3	51.4	46.3	39.8	41.1	39.5	39.5
Batangas	0.2	0.2	0.1	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	57.2	53.2	49.0	45.3	51.4	46.3	39.8	41.1	39.5	39.5
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	5.7	5.9	6.0	5.9	5.7	5.4	4.1	4.1	3.9	3.9
Albay	4.6	4.8	4.9	4.7	4.5	4.1	2.9	2.9	2.7	2.6
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.3
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	3.3	3.6	4.1	4.5	4.7	4.6	4.3	4.4	4.4	4.6
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	3.3	3.6	4.1	4.5	4.7	4.6	4.3	4.4	4.3	4.5
Guimaras	..	..	..	..	..	..	0.0	0.1	0.1	0.1
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	13.6	21.8	24.3	35.9	46.4	96.1	102.8	98.1	96.1	96.9
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	12.2	20.3	22.9	33.5	43.8	93.5	100.0	95.8	94.0	94.9
Negros Oriental	1.4	1.4	1.5	2.4	2.6	2.6	2.9	2.3	2.1	2.1
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	0.9	1.2	1.4	1.8	1.8	1.6	1.2	1.2	1.2	1.0
Biliran	0.5	0.7	0.9	1.0	1.0	0.9	0.8	0.8	0.8	0.6
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	0.3	0.4	0.4	0.4	0.4	0.4	0.1	0.1	0.1	0.2
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	0.3	0.3	0.2	0.2	0.2	0.1	0.2
Samar (Western Sama	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Zamboanga Peninsula	0.6	0.7	0.6	0.9	0.8	0.9	0.9	0.9	0.9	1.0
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	0.6	0.7	0.6	0.9	0.8	0.9	0.9	0.9	0.9	1.0
Northern Mindanao	16.2	31.3	30.0	37.5	38.2	38.4	39.3	38.1	36.9	37.9
Bukidnon	8.0	11.2	10.3	13.0	13.9	14.5	16.8	16.1	17.0	17.3
Camiguin	..	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
Lanao del Norte	7.2	15.2	15.7	16.6	16.7	16.8	16.9	16.3	14.5	14.8
Misamis Occidental	1.0	1.2	1.9	2.7	3.8	3.9	4.1	4.4	4.2	4.5
Misamis Oriental	..	3.5	2.0	5.0	3.6	2.9	1.3	1.1	1.1	1.1
Davao Region	73.3	69.8	65.3	62.0	59.4	57.8	57.3	56.8	55.9	55.1
Davao del Norte	41.9	40.1	36.6	34.2	32.6	30.7	29.9	29.1	27.6	26.5
Davao del Sur	2.8	2.9	2.8	3.0	3.0	3.1	3.2	3.3	4.1	4.2
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	28.7	26.7	25.8	24.8	23.8	24.1	24.2	24.4	24.3	24.4
SOCCSKSARGEN	2.0	1.5	1.3	1.0	1.1	1.0	1.0	0.9	0.7	0.6
North Cotabato	2.0	1.5	1.3	1.0	1.1	1.0	1.0	0.9	0.7	0.6
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	..	..	..	..	..	..	..	..	..	..
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6
Agusan del Norte	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Orchids										
Philippines	**2,771.5**	**1,820.6**	**1,697.7**	**1,557.0**	**1,396.5**	**1,312.6**	**1,185.2**	**1,157.4**	**1,149.0**	**1,154.4**
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	174.7	176.4	154.2	152.6	124.6	109.3	71.2	66.4	63.6	51.7
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	144.2	140.2	118.2	117.9	89.6	75.8	39.4	35.9	35.4	32.5
Pangasinan	30.5	36.2	36.0	34.7	35.0	33.4	31.8	30.5	28.2	19.2
Cagayan Valley	78.8	79.4	73.4	72.1	69.3	66.5	66.3	63.6	62.1	59.1
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	3.5	3.3	2.9	2.9	3.1	3.4	3.4	3.4	3.5	1.6
Isabela	36.6	36.5	35.1	36.9	37.5	38.3	41.6	42.7	38.3	36.1
Nueva Vizcaya	38.5	39.2	35.1	32.0	28.5	24.7	21.2	17.5	20.2	21.5
Quirino	0.3	0.4	0.4	0.4	0.2	0.2	0.1	..	0.0	0.0
Central Luzon	48.9	58.7	64.2	65.7	66.5	66.2	67.4	68.8	67.2	67.8
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	2.0	3.1	3.0	2.7	1.8	1.2	1.0	1.3	1.0	0.9
Bulacan	41.6	49.8	55.3	56.5	57.6	57.4	57.9	58.8	57.6	58.3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	5.3	5.9	5.9	6.6	7.1	7.6	8.5	8.7	8.6	8.6
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	116.4	121.2	117.4	109.6	103.3	97.9	92.2	82.8	81.1	79.2
Batangas	31.2	31.1	27.7	21.0	12.7	6.6	3.1	2.4	1.5	1.8
Cavite	11.5	18.7	19.7	19.6	21.7	22.3	21.7	22.5	22.5	21.9
Laguna	67.6	65.2	65.2	64.5	64.7	64.5	63.0	53.1	52.6	50.7
Quezon	1.9	1.8	1.7	1.5	1.5	1.5	1.3	1.6	1.6	1.8
Rizal	4.3	4.4	3.1	3.1	2.9	3.1	3.0	3.1	2.9	3.0
MIMAROPA	33.0	34.2	36.2	37.6	39.2	41.6	45.0	47.8	49.2	51.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	33.0	34.2	36.2	37.6	39.2	41.6	45.0	47.8	49.2	51.6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	481.6	499.4	491.7	469.6	381.7	355.4	299.7	302.2	314.5	331.6
Albay	476.2	493.8	486.4	464.8	376.7	350.3	294.6	297.1	309.6	326.8
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	3.3	3.2	3.2	3.3	3.4	3.6	3.5	3.5	3.4	3.2
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	2.1	2.4	2.1	1.5	1.5	1.5	1.6	1.6	1.5	1.6
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	386.0	399.0	304.8	214.3	179.4	146.9	121.5	108.9	100.7	94.2
Aklan	2.1	2.5	3.5	2.9	2.4	2.5	2.3	2.2	2.3	2.1
Antique	5.5	6.7	6.5	6.6	6.7	6.7	6.2	6.4	5.9	5.5
Capiz	29.7	30.8	31.3	32.9	34.0	31.8	31.0	30.9	30.9	33.2
Guimaras	5.5	5.7	5.5	6.0	4.6	4.6	3.7	1.4	1.4	1.8
Iloilo	338.0	347.8	252.4	159.5	124.9	95.3	71.4	60.7	53.1	43.9
Negros Occidental	5.2	5.5	5.7	6.4	6.8	6.1	6.8	7.3	7.2	7.6
Central Visayas	17.1	18.8	18.0	18.8	19.5	18.0	21.0	21.4	19.8	20.7
Bohol	3.4	2.9	2.8	2.6	2.5	2.4	3.0	3.2	3.0	3.1
Cebu	5.5	7.2	7.0	8.0	8.8	8.0	10.0	9.7	9.4	9.8
Negros Oriental	6.3	6.6	6.5	6.0	5.8	5.2	5.6	6.3	5.5	5.7
Siquijor	1.9	2.1	1.8	2.2	2.4	2.4	2.4	2.2	1.9	2.1
Eastern Visayas	37.9	40.7	42.4	42.9	42.5	35.7	29.2	26.2	24.1	23.5
Biliran	3.6	4.6	6.1	6.2	6.3	6.2	5.8	5.7	5.7	4.6
Eastern Samar	4.7	4.8	5.0	5.0	5.1	4.4	3.5	2.8	2.1	2.1
Leyte	0.5	0.8	0.7	0.7	0.7	0.7	0.3	0.3	0.3	0.3
Northern Samar	2.4	2.6	2.7	2.8	2.8	2.9	2.9	2.3	1.7	1.7
Southern Leyte	0.7	0.9	1.0	1.0	0.9	1.0	1.6	1.7	1.7	1.8
Samar (Western Sama	26.0	27.0	27.0	27.2	26.8	20.6	15.2	13.5	12.7	13.1
Zamboanga Peninsula	22.2	25.2	28.1	34.8	37.3	40.8	45.9	47.5	50.8	53.5
Zamboanga del Norte	6.4	8.2	10.3	14.4	17.4	19.6	23.9	25.6	28.3	30.8
Zamboanga del Sur	7.9	8.2	8.9	9.3	9.2	9.6	9.8	9.8	10.2	10.2
Zamboanga Sibugay	0.7	0.9	0.8	1.2	2.0	2.2	2.7	2.7	2.8	2.8
Zamboanga City	7.1	8.0	8.1	9.8	8.7	9.4	9.6	9.4	9.5	9.7
Northern Mindanao	70.4	70.8	81.5	88.4	94.0	97.4	96.1	97.1	92.9	94.8
Bukidnon	11.5	12.6	12.8	13.4	13.6	14.1	13.9	14.1	15.1	16.8
Camiguin	21.2	18.0	19.6	20.1	19.9	19.8	17.8	16.0	14.9	13.9
Lanao del Norte	27.9	29.4	35.2	36.9	37.3	38.0	38.2	40.7	36.8	37.0
Misamis Occidental	4.0	4.8	6.2	7.9	9.7	10.7	11.8	12.8	12.6	13.0
Misamis Oriental	5.7	5.9	7.7	10.1	13.6	14.9	14.4	13.5	13.6	14.1
Davao Region	1,209.9	211.2	211.1	182.5	177.7	177.1	175.3	175.3	172.2	173.2
Davao del Norte	27.4	28.8	29.9	30.6	31.2	30.9	30.7	30.5	30.1	29.1
Davao del Sur	96.3	97.2	97.1	76.8	76.5	76.6	77.2	77.6	77.2	78.4
Davao Oriental	11.1	9.2	8.8	8.5	8.0	7.3	6.7	6.4	5.9	5.8
Compostela Valley	6.4	6.2	6.1	5.6	5.2	3.5	2.9	3.0	2.8	2.9
Davao City	1,068.7	69.9	69.2	61.1	56.9	58.8	57.8	57.8	56.2	57.0
SOCCSKSARGEN	35.6	36.8	34.8	36.5	37.6	38.7	39.7	39.2	41.1	44.0
North Cotabato	10.3	11.0	9.8	11.7	12.7	13.7	14.4	14.3	18.4	20.7
Sarangani	13.6	13.7	13.4	13.2	13.3	13.2	13.2	13.0	12.8	12.6
South Cotabato	9.2	9.6	9.4	9.7	10.1	10.4	11.0	11.0	9.2	10.2
Sultan Kudarat	2.5	2.5	2.1	1.9	1.6	1.4	1.0	0.9	0.7	0.5
Caraga	23.6	14.8	15.3	13.6	10.2	10.5	10.8	9.6	9.6	9.3
Agusan del Norte	2.8	2.6	2.6	2.7	2.8	3.1	3.3	3.5	3.8	3.9
Agusan del Sur	2.4	2.0	1.6	1.5	2.0	2.7	2.8	1.6	1.7	1.8
Dinagat Islands	..	..	..	..	..	..	..	..	0.0	0.0
Surigao del Norte	15.9	8.0	9.1	7.9	4.1	3.6	3.5	3.2	2.6	2.0
Surigao del Sur	2.5	2.3	2.0	1.6	1.4	1.2	1.2	1.3	1.4	1.6
ARMM	35.6	34.1	24.7	17.9	13.9	10.7	4.2	0.8	0.3	0.2
Basilan	2.5	2.3	2.2	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	33.2	31.8	22.5	17.9	13.9	10.7	4.2	0.8	0.3	0.2
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Roses										
Philippines	**2,378.1**	**2,355.1**	**2,328.5**	**2,336.5**	**2,392.8**	**2,437.9**	**2,443.0**	**2,336.2**	**2,232.1**	**2,423.0**
CAR	1,433.6	1,400.0	1,405.5	1,406.9	1,447.4	1,475.7	1,466.6	1,379.3	1,283.6	1,444.8
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,433.6	1,400.0	1,405.5	1,406.9	1,447.4	1,475.7	1,466.6	1,379.3	1,283.6	1,444.8
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	17.6	18.6	18.5	19.2	19.5	19.5	13.9	12.2	11.4	11.1
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	17.6	18.6	18.5	19.2	19.5	19.5	13.9	12.2	11.4	11.1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	57.8	62.0	54.7	51.7	44.3	42.5	38.8	39.6	42.6	45.6
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	1.9	2.2	2.0	2.2	2.3	2.5	2.7	2.6	2.7	2.3
Isabela	3.0	3.1	2.8	3.1	3.2	3.3	3.7	4.6	5.6	6.1
Nueva Vizcaya	52.7	56.5	49.7	46.2	38.7	36.6	32.4	32.3	34.2	37.2
Quirino	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1
Central Luzon	26.0	31.0	33.6	34.5	35.8	37.1	37.8	38.2	38.1	37.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	18.4	22.5	25.7	26.1	26.5	27.2	27.5	27.9	27.8	28.0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	7.6	8.5	7.9	8.4	9.3	9.9	10.3	10.3	10.3	9.3
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	52.0	51.4	50.1	47.1	45.2	41.9	37.6	26.4	25.3	24.3
Batangas	8.6	8.8	7.3	4.9	3.4	2.0	1.4	1.2	1.0	1.2
Cavite	1.0	2.1	2.4	2.4	2.6	2.7	2.5	2.8	2.8	2.8
Laguna	31.3	29.9	30.2	29.5	29.5	29.7	28.4	21.9	21.6	20.3
Quezon	11.1	10.6	10.2	10.4	9.8	7.6	5.3	0.5	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	2.2	2.7	3.3	4.8	5.3	6.0	7.3	8.2	8.4	8.9
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	1.1	1.2	1.3	1.6	1.8	1.9	2.0	2.1	2.1	2.2
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	1.1	1.4	2.0	3.2	3.5	4.2	5.3	6.1	6.2	6.7
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	9.6	11.1	10.4	11.4	11.5	11.7	11.4	11.4	11.0	11.7
Albay	1.0	2.0	2.0	3.3	3.2	3.1	2.8	2.7	2.7	2.9
Camarines Norte	2.3	2.6	2.2	2.2	2.3	2.4	2.4	2.5	2.1	1.9
Camarines Sur	4.7	4.7	4.6	4.7	4.7	4.8	4.8	4.8	4.8	5.5
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	1.6	1.9	1.7	1.3	1.3	1.4	1.4	1.4	1.4	1.4
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	72.9	54.9	48.0	46.0	43.1	35.3	32.3	30.3	28.9	29.6
Aklan	0.3	0.3	0.9	1.0	1.0	0.9	0.8	0.8	0.9	0.9
Antique	0.9	1.1	1.0	0.9	0.8	0.9	0.8	0.9	0.8	1.0
Capiz	12.3	13.2	13.7	14.1	14.5	14.1	14.2	14.7	14.5	15.8
Guimaras	3.1	1.7	1.4	1.3	1.3	1.2	1.0	0.6	0.4	0.5
Iloilo	54.9	37.1	29.5	27.2	23.9	16.5	13.6	11.3	10.4	9.5
Negros Occidental	1.4	1.5	1.4	1.5	1.7	1.7	1.8	2.0	2.0	1.9
Central Visayas	211.4	232.4	212.0	216.3	223.3	236.7	259.6	258.3	234.2	240.1
Bohol	3.3	3.7	3.8	4.3	4.4	4.5	4.8	5.2	5.1	5.5
Cebu	204.0	224.5	204.4	207.2	214.1	227.7	249.8	247.8	224.5	229.9
Negros Oriental	3.0	3.1	2.8	3.6	3.6	3.3	3.7	4.1	3.5	3.6
Siquijor	1.1	1.2	1.0	1.2	1.3	1.3	1.3	1.2	1.0	1.1
Eastern Visayas	44.1	45.4	45.3	46.3	34.9	29.0	26.5	22.2	21.3	20.7
Biliran	0.5	0.8	1.0	1.1	1.1	1.1	1.0	1.0	1.0	0.9
Eastern Samar	1.6	1.6	1.7	1.7	1.7	1.6	1.2	0.3	0.3	0.3
Leyte	0.2	0.7	0.7	0.7	0.8	0.8	0.3	0.3	0.3	0.4
Northern Samar	2.2	2.3	2.4	2.8	2.9	3.0	3.0	2.9	2.0	2.0
Southern Leyte	2.3	2.5	2.4	3.1	3.1	2.9	2.5	2.7	2.7	2.8
Samar (Western Sama	37.3	37.6	37.2	36.9	25.4	19.6	18.6	15.1	15.0	14.4
Zamboanga Peninsula	37.4	40.9	42.3	41.0	41.1	44.0	46.6	46.5	46.4	47.6
Zamboanga del Norte	2.3	2.9	4.3	4.4	4.9	5.2	5.8	6.0	5.7	6.1
Zamboanga del Sur	17.9	18.6	18.8	18.7	18.1	19.0	19.4	19.7	19.5	19.9
Zamboanga Sibugay	3.7	3.9	3.7	4.2	6.5	7.3	8.7	8.1	8.5	8.6
Zamboanga City	13.6	15.5	15.6	13.8	11.7	12.5	12.7	12.8	12.8	13.0
Northern Mindanao	184.0	190.5	200.0	211.9	255.2	282.7	285.9	281.0	300.1	318.4
Bukidnon	90.0	93.0	95.0	98.0	105.6	107.0	112.0	112.5	119.0	130.5
Camiguin	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.2	1.1	1.4
Lanao del Norte	62.6	62.0	67.4	70.2	72.4	75.2	76.4	75.9	80.9	83.1
Misamis Occidental	..	..	..	..	0.2	0.2	0.2	0.5	0.5	0.5
Misamis Oriental	30.5	34.5	36.5	42.5	75.8	99.0	96.0	91.0	98.8	103.0
Davao Region	125.7	112.7	109.2	107.6	102.6	93.7	95.5	102.6	111.8	112.7
Davao del Norte	14.9	16.7	17.3	17.6	18.1	17.8	17.8	17.7	17.1	16.5
Davao del Sur	4.3	4.4	4.6	4.8	5.1	5.2	6.1	6.4	7.0	7.5
Davao Oriental	..	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Compostela Valley	39.4	36.3	34.4	30.0	25.9	17.2	15.2	14.9	14.2	14.3
Davao City	67.2	55.2	52.8	55.0	53.4	53.4	56.3	63.5	73.5	74.4
SOCCSKSARGEN	66.5	66.1	65.4	65.7	65.1	66.4	68.1	67.3	58.6	59.2
North Cotabato	9.2	7.5	7.3	7.8	8.3	8.7	9.1	9.7	10.4	10.7
Sarangani	15.7	14.9	14.4	14.0	13.8	13.5	13.3	13.2	12.9	11.9
South Cotabato	40.3	42.5	42.6	43.1	42.2	43.4	45.1	43.8	34.8	36.3
Sultan Kudarat	1.3	1.3	1.1	0.9	0.8	0.8	0.6	0.6	0.5	0.3
Caraga	32.0	30.0	25.3	21.6	14.5	13.3	12.8	11.7	10.6	11.1
Agusan del Norte	6.3	6.1	5.9	6.1	6.1	5.8	5.9	5.9	6.0	6.1
Agusan del Sur	0.8	0.6	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.3
Dinagat Islands	..	..	..	..	..	..	..	..	0.0	0.0
Surigao del Norte	15.8	14.5	11.0	7.7	2.2	1.2	0.9	0.9	0.6	0.5
Surigao del Sur	9.1	8.8	7.9	7.4	5.8	5.8	5.5	4.6	3.6	4.3
ARMM	5.4	5.5	5.0	4.5	3.9	2.5	2.5	1.0	..	..
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	5.4	5.5	5.0	4.5	3.9	2.5	2.5	1.0	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Banana										
Philippines	**8,687,624.0**	**9,013,186.0**	**9,101,341.0**	**9,165,046.0**	**9,226,768.0**	**8,646,417.0**	**8,884,857.0**	**9,083,929.0**	**8,903,684.0**	**9,166,334.0**
CAR	26,699.7	26,981.1	25,668.9	25,082.5	25,100.1	27,194.6	26,254.0	26,576.4	25,584.5	21,104.5
Abra	7,711.2	7,730.6	7,782.1	7,617.4	7,685.0	7,615.6	7,054.1	7,408.6	6,539.1	6,519.6
Apayao	7,197.0	7,577.6	6,442.6	6,404.8	6,405.5	9,440.0	8,916.4	8,838.0	9,072.4	5,443.4
Benguet	2,267.6	2,270.8	2,193.5	2,094.4	2,011.5	2,039.7	2,065.2	1,973.0	1,853.8	1,711.7
Ifugao	6,688.6	6,758.0	6,699.6	6,553.8	6,510.3	5,424.1	5,445.1	5,502.2	5,486.1	5,493.2
Kalinga	1,195.0	1,210.4	1,175.2	1,193.4	1,200.9	1,287.5	1,245.9	1,270.4	1,117.8	616.3
Mountain Province	1,640.4	1,433.7	1,375.9	1,218.8	1,287.0	1,387.7	1,527.4	1,584.3	1,515.4	1,320.3
Ilocos Region	46,113.6	43,270.4	41,220.3	40,785.2	42,559.7	43,478.9	43,880.4	43,164.2	41,505.8	42,353.1
Ilocos Norte	9,042.2	9,115.0	9,098.5	9,304.4	9,675.8	9,931.0	10,088.7	10,142.7	10,155.8	10,272.0
Ilocos Sur	10,730.3	9,589.4	9,190.5	9,619.2	10,081.5	10,498.6	10,306.3	9,974.1	9,747.5	9,593.0
La Union	7,341.6	7,129.3	6,881.9	6,884.5	7,074.3	7,254.7	7,396.1	7,453.6	7,170.8	7,920.7
Pangasinan	18,999.5	17,436.7	16,049.5	14,977.2	15,728.1	15,794.6	16,089.3	15,593.8	14,431.8	14,567.4
Cagayan Valley	378,201.0	419,405.7	368,074.2	269,193.4	309,238.9	361,063.4	376,366.0	384,134.2	354,400.4	307,605.9
Batanes	..	..	..	..	770.1	667.9	432.7	277.0	207.8	37.7
Cagayan	75,704.6	73,710.3	59,322.6	52,033.0	63,826.1	79,816.3	71,892.2	77,033.6	81,319.1	41,791.4
Isabela	205,964.0	221,520.7	188,624.1	124,822.1	195,688.4	207,312.3	214,635.2	212,297.5	195,646.3	178,876.9
Nueva Vizcaya	30,208.1	32,165.5	30,417.6	28,489.4	26,251.3	24,807.7	24,458.5	23,679.5	25,926.1	25,110.3
Quirino	66,324.3	92,009.2	89,710.0	63,848.9	22,703.0	48,459.3	64,947.4	70,846.6	51,301.1	61,789.6
Central Luzon	54,795.9	54,714.3	58,216.4	57,419.9	57,584.1	58,917.2	58,783.3	58,438.8	49,654.0	49,811.3
Aurora	9,020.0	9,583.0	12,881.0	12,362.5	12,549.0	14,661.6	15,306.1	14,453.5	6,338.0	4,587.8
Bataan	1,450.0	1,449.8	1,433.5	1,322.3	1,230.2	1,166.1	1,170.6	1,314.9	1,261.2	1,371.5
Bulacan	18,362.8	17,615.3	18,123.8	18,252.9	18,525.8	18,475.9	18,975.2	20,232.0	19,691.5	20,084.4
Nueva Ecija	7,336.8	7,434.8	7,390.6	7,354.9	7,432.1	7,350.3	7,319.6	7,205.2	7,202.3	7,505.2
Pampanga	2,699.5	2,669.0	2,622.0	2,520.0	2,479.0	2,416.0	2,364.0	2,376.0	2,507.9	2,684.6
Tarlac	4,952.7	4,966.6	4,845.3	4,909.8	4,889.6	4,932.2	4,195.4	3,866.1	3,814.8	4,592.7
Zambales	10,974.0	10,995.8	10,920.2	10,697.6	10,478.5	9,915.2	9,452.5	8,991.0	8,838.4	8,985.2
CALABARZON	105,365.8	109,405.6	105,841.8	113,587.6	116,468.5	117,974.0	104,303.5	96,306.5	111,736.0	114,129.9
Batangas	33,100.7	33,846.9	33,451.7	33,937.9	34,423.8	33,775.4	32,016.4	33,152.5	40,186.9	41,289.3
Cavite	25,912.6	26,059.9	24,775.7	25,306.0	25,420.5	25,768.4	22,528.3	19,161.3	23,521.2	24,745.0
Laguna	15,696.9	17,321.1	16,349.6	18,745.6	19,509.2	20,086.3	15,867.3	12,318.2	13,835.6	13,970.9
Quezon	27,354.4	28,960.7	28,181.4	32,337.0	33,839.3	34,894.0	30,545.0	28,260.0	30,660.4	30,300.6
Rizal	3,301.2	3,216.9	3,083.4	3,261.1	3,275.8	3,450.0	3,346.6	3,414.6	3,531.9	3,824.1
MIMAROPA	196,095.5	204,745.1	210,382.9	223,794.1	199,267.7	158,671.4	155,262.8	168,299.0	97,993.9	93,174.9
Marinduque	587.3	806.0	823.9	843.3	841.2	804.5	731.4	705.2	646.6	613.0
Occidental Mindoro	3,017.8	3,235.5	3,224.3	3,399.1	3,564.4	3,622.6	3,522.5	3,683.5	3,667.2	3,922.7
Oriental Mindoro	168,048.5	174,492.1	178,417.8	189,752.4	162,947.0	120,242.7	115,380.9	126,581.6	57,076.8	49,802.9
Palawan	16,944.3	18,550.5	20,595.2	22,365.0	24,256.5	26,421.5	28,764.8	30,585.2	30,400.9	32,397.2
Romblon	7,497.7	7,661.1	7,321.7	7,434.4	7,658.6	7,580.1	6,863.3	6,743.6	6,202.5	6,439.1
Bicol Region	67,598.8	73,511.8	77,891.5	78,942.3	81,413.6	83,352.6	74,510.7	76,451.7	76,841.2	73,342.6
Albay	11,575.6	12,121.0	12,708.8	12,568.2	13,496.7	14,718.4	11,573.7	11,234.7	11,695.9	11,098.4
Camarines Norte	8,053.3	8,135.5	8,030.0	8,104.0	8,301.0	8,456.8	7,839.8	8,085.0	8,849.3	10,496.0
Camarines Sur	31,492.5	33,076.2	34,822.0	34,748.8	34,827.9	35,353.1	33,533.8	33,938.8	34,539.0	29,377.8
Catanduanes	1,211.7	1,228.5	1,319.1	1,289.7	1,283.5	1,320.9	1,290.9	1,338.6	1,384.9	1,126.3
Masbate	3,064.1	3,228.7	3,356.3	3,306.6	3,562.9	3,561.1	3,582.6	3,645.2	3,594.2	3,813.2
Sorsogon	12,201.6	15,721.9	17,655.4	18,925.1	19,941.6	19,942.3	16,689.8	18,209.5	16,778.0	17,430.8
Western Visayas	328,171.0	334,506.9	332,177.7	344,588.5	353,137.7	332,761.6	270,329.9	285,578.0	284,696.6	291,136.3
Aklan	52,278.7	51,842.2	52,170.1	52,864.6	52,496.7	51,266.7	28,173.0	28,854.9	29,153.9	29,456.1
Antique	18,533.0	20,500.1	17,870.0	20,334.4	20,830.7	16,590.8	15,927.1	17,733.4	17,628.7	18,866.4
Capiz	23,992.0	26,868.5	27,623.0	27,933.2	28,234.3	26,103.3	3,503.9	7,440.1	7,805.6	8,023.2
Guimaras	5,069.2	5,153.0	5,029.1	5,513.3	5,945.4	5,936.4	5,972.5	5,569.8	5,537.1	6,195.3
Iloilo	144,569.1	145,569.4	145,811.5	152,416.0	158,444.0	147,511.0	131,642.0	140,624.0	140,384.0	143,877.0
Negros Occidental	83,729.1	84,573.8	83,674.0	85,527.1	87,186.7	85,353.5	85,111.4	85,355.8	84,187.4	84,718.3
Central Visayas	169,643.0	187,533.0	182,323.1	199,545.0	202,511.8	190,699.6	194,069.3	198,837.7	193,903.0	205,674.6
Bohol	36,531.0	39,861.9	40,378.6	42,445.4	44,320.9	44,793.5	34,401.2	32,801.3	28,471.0	32,803.8
Cebu	49,827.4	53,989.9	52,880.3	61,784.3	63,515.7	61,821.6	67,585.7	78,378.9	84,075.1	86,438.3
Negros Oriental	65,762.7	75,833.1	71,695.6	77,491.6	77,240.8	73,207.1	76,690.3	72,618.2	67,910.5	71,994.9
Siquijor	17,521.9	17,848.2	17,368.5	17,823.7	17,434.4	10,877.4	15,392.1	15,039.3	13,446.4	14,437.6
Eastern Visayas	269,132.6	275,425.3	278,305.8	277,173.2	280,439.1	259,095.4	216,991.2	227,223.2	226,602.8	232,502.0
Biliran	16,001.4	16,149.7	16,225.1	16,235.4	16,243.9	13,918.9	10,970.2	11,020.2	11,133.0	11,004.1
Eastern Samar	5,429.8	5,542.9	5,578.1	5,415.5	5,708.4	5,413.3	4,494.1	3,103.9	3,093.1	2,936.9
Leyte	49,668.4	53,556.3	52,252.4	51,392.1	51,456.2	46,359.4	20,859.3	23,603.0	26,944.0	28,944.0
Northern Samar	15,589.0	16,459.6	19,313.2	19,870.3	20,645.9	22,002.0	22,734.4	22,542.1	18,567.6	18,502.0
Southern Leyte	114,508.5	114,595.8	116,277.0	116,122.9	116,236.8	103,486.5	94,127.0	103,705.0	103,271.0	107,995.0
Samar (Western Sama	67,935.5	69,121.1	68,660.0	68,137.0	70,148.0	67,915.3	63,806.3	63,249.1	63,594.2	63,120.0
Zamboanga Peninsula	253,667.1	261,081.4	263,643.3	238,309.3	240,487.2	259,188.2	274,127.3	281,856.1	260,789.9	262,520.8
Zamboanga del Norte	120,996.8	128,721.0	128,580.5	101,173.0	92,678.4	90,975.1	92,684.0	103,369.1	93,440.3	91,282.6
Zamboanga del Sur	46,545.9	45,671.0	48,333.1	49,523.9	59,089.9	76,094.0	86,072.6	86,012.4	82,061.1	83,394.6
Zamboanga Sibugay	26,422.8	26,071.1	25,158.6	25,402.6	25,466.6	26,067.9	26,246.3	24,619.1	24,555.3	24,202.8
Zamboanga City	59,701.6	60,618.3	61,571.1	62,209.8	63,252.2	66,051.2	69,124.5	67,855.7	60,733.3	63,640.9
Northern Mindanao	1,631,304.0	1,657,686.0	1,702,392.0	1,725,775.0	1,718,787.0	1,735,977.0	1,781,045.0	1,832,173.0	1,864,422.0	1,930,062.0
Bukidnon	1,133,255.0	1,152,583.0	1,173,881.0	1,170,569.0	1,156,380.0	1,171,501.0	1,199,550.0	1,251,453.0	1,288,148.0	1,347,373.0
Camiguin	6,438.1	6,194.6	6,068.8	6,167.8	5,855.1	5,457.9	5,442.4	5,331.1	5,112.9	4,874.3
Lanao del Norte	291,899.0	294,277.8	301,823.9	295,938.3	281,885.7	279,692.3	281,359.7	281,699.8	282,944.2	281,738.0
Misamis Occidental	40,540.3	49,832.3	56,233.6	62,609.4	65,038.5	68,982.9	74,724.1	78,190.3	74,372.8	75,053.2
Misamis Oriental	159,171.3	154,798.0	164,384.6	190,490.9	209,628.2	210,343.4	219,968.5	215,498.4	213,844.5	221,022.8
Davao Region	3,569,079.0	3,749,766.0	3,804,460.0	3,854,845.0	3,785,422.0	3,164,641.0	3,368,176.0	3,455,014.0	3,479,473.0	3,512,942.0
Davao del Norte	1,350,151.0	1,473,703.0	1,540,536.0	1,575,009.0	1,537,831.0	1,549,552.0	1,591,008.0	1,605,355.0	1,626,146.0	1,634,154.0
Davao del Sur	564,374.1	581,346.4	577,254.9	580,243.5	580,030.5	582,532.1	593,671.6	610,905.8	611,986.4	623,809.1
Davao Oriental	112,697.4	133,915.8	139,815.7	152,479.3	159,284.3	149,969.3	159,673.5	159,899.0	158,776.9	163,642.9
Compostela Valley	1,324,618.0	1,337,204.0	1,319,202.0	1,314,761.0	1,270,595.0	641,652.1	777,984.5	825,013.9	825,989.1	823,183.8
Davao City	217,238.8	223,597.4	227,651.5	232,351.8	237,680.9	240,935.1	245,838.1	253,840.5	256,574.6	268,152.5
SOCCSKSARGEN	998,634.9	1,024,009.0	1,043,811.0	1,094,956.0	1,155,348.0	1,185,492.0	1,203,369.0	1,159,091.0	1,024,389.0	1,167,203.0
North Cotabato	608,396.6	613,692.8	604,126.2	629,150.5	644,785.9	661,100.5	664,230.5	630,014.7	483,115.4	526,062.7
Sarangani	115,661.3	132,248.7	155,132.6	179,190.9	219,067.9	218,874.3	214,183.8	202,615.5	197,884.1	206,138.4
South Cotabato	243,473.5	246,416.3	254,183.7	257,893.0	261,972.6	273,046.9	277,206.5	277,057.1	254,052.1	269,462.3
Sultan Kudarat	31,103.5	31,651.3	30,368.8	28,721.6	29,521.3	32,470.6	47,748.3	49,403.7	89,337.4	165,539.6
Caraga	219,635.8	209,399.2	210,392.9	204,139.9	218,805.0	208,303.2	243,791.9	259,737.7	278,015.0	293,055.6
Agusan del Norte	103,284.3	94,430.0	89,470.4	80,954.7	73,975.3	64,261.0	58,698.5	62,238.6	67,112.8	68,237.4
Agusan del Sur	57,732.0	57,115.1	61,598.1	62,225.6	67,493.8	57,270.9	65,802.9	68,094.5	76,921.3	82,893.4
Dinagat Islands	..	..	..	..	..	410.9	255.7	229.1	225.3	219.3
Surigao del Norte	9,308.2	9,041.4	9,466.6	8,485.8	6,590.4	7,356.4	6,568.8	6,409.9	5,733.6	5,958.6
Surigao del Sur	49,311.4	48,812.6	49,857.9	52,473.8	70,745.5	79,004.0	112,466.0	122,765.6	128,022.1	135,747.0
ARMM	373,486.0	381,745.0	396,539.4	416,909.6	440,198.0	459,606.0	493,597.6	531,047.7	533,677.2	569,716.4
Basilan	23,747.2	24,336.1	24,215.2	24,664.8	23,789.5	22,965.7	23,523.5	22,782.5	20,970.0	21,046.0
Lanao del Sur	107,689.4	107,766.2	107,998.4	106,669.4	105,856.6	105,293.6	108,777.0	109,907.4	110,766.5	110,847.5
Maguindanao	213,603.0	220,669.5	236,170.2	258,562.9	283,940.5	306,055.1	336,244.0	373,762.9	378,486.8	414,276.0
Sulu	19,166.5	19,665.4	19,150.8	17,970.0	17,814.0	16,848.3	16,735.1	16,610.2	15,429.0	15,486.7
Tawi-tawi	9,279.8	9,307.8	9,004.8	9,042.5	8,797.5	8,443.4	8,318.1	7,984.8	8,024.8	8,060.2

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Banana Cavendish										
Philippines	**4,328,989.0**	**4,497,722.0**	**4,600,617.0**	**4,685,997.0**	**4,694,655.0**	**4,230,089.0**	**4,448,460.0**	**4,566,907.0**	**4,638,328.0**	**4,836,254.0**
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	305.0	281.0	311.4	300.0	236.9	253.6	255.6	326.0	318.0
Batanes	..	..	..	..	15.7	15.3	9.6	0.8	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	305.0	281.0	311.4	284.3	221.7	244.1	254.8	326.0	318.0
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	148.5	107.1	805.0	909.3	941.5	318.6	936.1	968.4	599.8
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	6.0	8.4	8.3	5.3	4.6	4.3
Laguna	..	148.5	107.1	805.0	903.3	933.2	310.3	930.8	963.8	595.5
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	83.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	83.6
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	1,568.1	1,558.5	1,551.6	1,588.9	1,647.8	1,488.0	1,287.9	1,318.3	1,409.9	1,641.5
Aklan	30.5	29.8	33.0	36.2	40.9	38.8	22.2	25.3	25.1	27.5
Antique	14.7	15.8	13.8	16.0	17.8	17.4	17.0	19.0	17.9	19.6
Capiz	..	..	..	..	..	..	0.9	4.7	6.8	8.6
Guimaras	5.3	6.0	5.3	5.7	6.0	5.8	5.8	5.3	5.0	3.8
Iloilo	1,517.6	1,506.9	1,499.5	1,531.0	1,583.0	1,426.0	1,242.0	1,264.0	1,355.0	1,582.0
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	279.2	823.8	823.2	886.7	896.7	1,292.9	2,306.4	2,734.8	1,935.8	757.7
Bohol	130.0	666.7	672.5	712.5	727.9	867.5	773.2	741.3	467.4	552.4
Cebu	11.1	13.8	12.2	15.8	17.2	274.1	1,375.1	1,839.2	1,311.4	37.6
Negros Oriental	138.1	143.3	138.4	158.3	151.6	151.3	158.1	154.3	151.5	161.4
Siquijor	..	..	..	..	..	..	..	..	5.5	6.3
Eastern Visayas	55.4	189.6	192.1	188.7	192.7	151.3	70.3	79.9	88.4	91.0
Biliran	..	..	6.6	6.8	6.8	5.8	4.9	5.7	6.0	5.1
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	55.4	189.6	185.5	181.9	185.9	145.5	65.4	74.2	82.4	86.0
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	197.1	187.1	169.2	157.3	145.9	599.8	318.9	200.0	169.7	171.8
Zamboanga del Norte	..	..	..	..	..	424.4	126.6	22.9	..	..
Zamboanga del Sur	138.9	134.6	124.7	121.3	113.9	146.4	152.2	144.4	135.5	140.0
Zamboanga Sibugay	58.2	52.5	44.5	36.0	32.0	29.1	40.1	32.6	34.3	31.8
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	1,076,751.0	1,095,816.0	1,117,121.0	1,115,622.0	1,102,389.0	1,120,311.0	1,148,625.0	1,200,593.0	1,237,619.0	1,296,400.0
Bukidnon	1,076,000.0	1,095,050.0	1,116,100.0	1,111,621.0	1,097,485.0	1,112,616.0	1,140,000.0	1,190,665.0	1,227,460.0	1,285,125.0
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	728.0	746.9	741.0	730.4	782.4	806.1	832.7	842.7	586.0	526.4
Misamis Oriental	22.7	19.1	280.0	3,271.0	4,122.0	6,889.0	7,792.5	9,085.0	9,573.0	10,749.0
Davao Region	2,746,338.0	2,877,651.0	2,927,247.0	2,961,989.0	2,902,974.0	2,392,320.0	2,537,740.0	2,604,719.0	2,634,744.0	2,655,760.0
Davao del Norte	1,287,406.0	1,412,726.0	1,478,693.0	1,511,034.0	1,472,762.0	1,484,529.0	1,523,103.0	1,536,253.0	1,558,353.0	1,566,783.0
Davao del Sur	169,496.6	175,764.5	173,859.1	175,293.2	176,817.1	177,888.6	181,401.0	189,304.6	189,248.3	190,146.8
Davao Oriental	50.3	39.6	715.9	2,077.5	3,044.6	2,927.5	3,279.1	3,219.1	3,596.8	8,586.0
Compostela Valley	1,125,213.0	1,119,617.0	1,100,151.0	1,096,798.0	1,068,406.0	541,808.4	641,375.5	680,453.3	684,990.7	681,771.8
Davao City	164,171.8	169,504.2	173,828.1	176,786.1	181,944.0	185,166.3	188,581.2	195,489.0	198,555.3	208,472.8
SOCCSKSARGEN	392,885.7	405,861.2	432,473.6	464,688.2	505,827.3	520,618.2	522,132.9	484,747.7	481,142.8	578,131.4
North Cotabato	210,726.0	208,580.8	200,951.3	212,203.8	214,929.9	221,080.9	216,399.9	184,621.7	154,741.0	164,599.6
Sarangani	63,622.2	78,342.0	102,503.6	120,460.0	151,792.0	146,653.0	139,205.0	128,955.0	126,595.0	132,630.0
South Cotabato	118,486.1	118,895.5	128,979.9	131,997.3	139,105.5	151,652.2	157,727.8	159,830.9	147,407.7	158,106.2
Sultan Kudarat	51.3	42.9	38.8	27.1	..	1,232.1	8,800.2	11,340.2	52,399.1	122,795.6
Caraga	14,526.6	14,673.6	14,739.2	20,486.2	40,886.1	45,252.7	76,935.1	94,904.9	100,243.1	105,604.0
Agusan del Norte	13,696.7	13,388.4	12,184.5	10,435.4	10,013.9	6,435.9	4,991.6	11,050.1	15,451.2	15,660.0
Agusan del Sur	63.5	43.1	29.2	17.8	13.1	7.0	6.1	5.4	4.1	4.3
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	746.0	723.0	491.0	346.0	234.0	144.8	100.4	80.0	62.5	59.3
Surigao del Sur	20.4	519.1	2,034.5	9,687.0	30,625.0	38,665.0	71,837.0	83,769.5	84,725.3	89,880.5
ARMM	96,388.4	100,508.2	105,911.9	119,273.9	138,486.7	146,876.1	158,471.6	176,417.9	179,681.2	196,694.7
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	88.4	88.2	88.4	87.7	102.8	113.3	619.6	632.6	638.1	638.8
Maguindanao	96,300.0	100,420.0	105,823.5	119,186.2	138,384.0	146,762.8	157,852.0	175,785.3	179,043.1	196,055.9
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Banana Lakatan										
Philippines	**890,702.0**	**916,932.1**	**921,601.5**	**926,718.9**	**942,893.0**	**930,031.7**	**954,856.2**	**970,495.8**	**898,514.9**	**910,983.1**
CAR	4,804.3	4,929.7	4,318.0	4,231.3	4,146.0	4,829.3	4,603.6	4,457.6	4,276.2	2,962.3
Abra	260.9	254.4	256.0	254.9	257.3	269.0	271.4	282.1	240.2	255.5
Apayao	2,611.0	2,780.0	2,233.0	2,191.0	2,216.0	3,174.0	2,968.7	2,927.6	2,872.1	1,694.5
Benguet	414.1	402.1	384.5	377.7	357.7	355.6	347.5	297.6	261.8	247.6
Ifugao	1,149.0	1,133.3	1,105.6	1,068.6	1,021.5	759.7	770.8	730.3	733.2	722.9
Kalinga	331.0	332.8	322.0	328.4	283.4	262.5	240.8	219.1	169.0	41.8
Mountain Province	38.3	27.1	16.9	10.7	10.1	8.5	4.4	0.9	..	..
Ilocos Region	1,095.4	1,005.4	930.8	932.0	950.4	944.3	908.0	854.0	807.1	819.0
Ilocos Norte	93.8	95.2	94.6	98.5	108.0	111.3	113.0	113.2	112.7	112.4
Ilocos Sur	116.3	102.5	97.8	107.4	117.4	125.4	119.6	115.7	112.2	114.9
La Union	427.1	404.9	381.4	369.7	354.3	346.0	336.8	319.9	311.6	335.2
Pangasinan	458.2	402.8	357.1	356.3	370.7	361.6	338.6	305.2	270.6	256.6
Cagayan Valley	41,798.1	45,746.5	39,773.4	29,304.7	35,306.9	40,680.4	38,786.4	36,884.0	34,219.0	29,050.2
Batanes	..	..	..	..	..	37.6	25.6	13.8	7.9	1.8
Cagayan	10,952.3	10,392.3	8,368.6	7,425.4	9,014.5	10,725.9	9,199.4	8,863.0	9,370.0	4,795.7
Isabela	20,382.7	22,120.8	18,691.1	12,567.2	20,548.8	21,714.7	19,851.5	17,547.2	15,542.1	13,942.4
Nueva Vizcaya	3,431.5	3,948.6	3,676.8	3,240.3	3,013.6	2,887.3	2,824.9	2,732.9	3,126.7	2,955.4
Quirino	7,031.5	9,284.8	9,037.0	6,071.7	2,730.0	5,315.0	6,885.0	7,727.2	6,172.4	7,354.8
Central Luzon	12,828.5	12,854.5	13,200.3	13,140.0	13,242.7	13,169.1	13,442.6	13,974.2	12,944.5	13,221.9
Aurora	896.0	1,105.0	1,251.0	1,226.7	1,267.2	1,327.9	1,551.0	1,472.0	748.3	699.3
Bataan	144.6	144.5	145.4	133.0	122.0	116.0	134.0	195.0	182.5	195.0
Bulacan	8,018.0	7,807.0	8,037.0	8,085.0	8,203.0	8,192.0	8,350.0	8,986.0	8,665.0	8,775.0
Nueva Ecija	1,107.6	1,126.8	1,117.0	1,113.6	1,130.1	1,116.5	1,114.5	1,105.9	1,116.7	1,148.9
Pampanga	868.0	861.0	850.0	817.0	794.0	773.0	753.0	755.0	794.8	890.2
Tarlac	314.2	316.0	309.9	314.8	314.3	317.9	269.2	262.3	258.9	329.3
Zambales	1,480.1	1,494.2	1,490.0	1,449.9	1,412.1	1,325.8	1,270.9	1,198.0	1,178.4	1,184.1
CALABARZON	8,237.0	8,358.6	8,060.4	8,144.0	8,259.5	8,471.8	7,454.7	6,335.4	6,847.0	7,132.3
Batangas	276.8	309.5	301.0	282.8	246.1	260.0	249.5	210.7	207.7	171.8
Cavite	4,181.9	4,213.4	4,122.8	4,183.0	4,212.0	4,284.9	3,632.9	3,119.2	3,394.8	3,345.5
Laguna	1,947.3	2,045.1	1,937.1	2,014.3	2,051.4	2,095.4	1,833.0	1,321.2	1,455.9	1,663.8
Quezon	1,497.9	1,463.2	1,384.7	1,341.9	1,424.1	1,469.5	1,384.4	1,327.3	1,424.3	1,541.4
Rizal	333.2	327.3	314.8	322.0	326.0	362.0	355.0	357.0	364.3	409.9
MIMAROPA	36,395.7	38,227.9	39,953.9	42,266.5	37,151.5	29,176.3	28,565.1	31,117.6	14,502.9	13,702.7
Marinduque	47.1	74.0	78.7	80.9	81.0	79.0	71.9	70.6	64.1	63.3
Occidental Mindoro	295.0	313.0	307.7	322.7	337.4	342.0	329.6	342.0	338.2	362.4
Oriental Mindoro	33,829.6	35,463.0	36,990.3	39,102.1	33,713.7	25,306.0	24,489.7	26,838.9	10,273.6	9,280.3
Palawan	1,931.6	2,073.8	2,286.6	2,460.5	2,708.3	3,145.7	3,397.8	3,590.0	3,570.1	3,737.5
Romblon	292.4	304.1	290.5	300.4	311.1	303.6	276.1	276.0	257.0	259.2
Bicol Region	3,361.8	3,553.7	3,719.9	3,727.0	3,812.2	3,926.9	3,644.1	3,671.9	3,639.4	3,272.5
Albay	264.6	274.8	286.7	282.7	294.3	310.7	268.1	248.4	255.4	239.2
Camarines Norte	347.3	343.5	330.0	340.0	351.0	362.2	313.7	329.2	391.2	452.7
Camarines Sur	2,246.7	2,348.7	2,463.4	2,446.4	2,460.0	2,506.9	2,402.7	2,405.7	2,344.9	1,894.0
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	175.9	180.9	184.2	181.6	193.0	191.9	192.8	194.1	197.9	211.6
Sorsogon	327.3	405.9	455.7	476.3	513.9	555.2	466.7	494.6	450.0	475.1
Western Visayas	19,023.9	19,212.0	19,245.5	19,757.5	20,155.8	19,696.1	17,244.0	18,488.1	19,141.5	19,749.0
Aklan	669.4	657.3	672.4	682.4	546.1	544.2	256.9	274.4	262.3	274.8
Antique	302.6	338.3	291.1	315.5	322.4	315.2	308.5	364.3	355.3	375.4
Capiz	120.1	141.3	150.6	182.8	220.1	197.7	75.4	102.9	122.2	132.4
Guimaras	67.5	73.0	61.5	64.3	74.8	81.8	82.2	78.8	74.6	77.8
Iloilo	14,387.5	14,472.0	14,575.0	14,952.0	15,348.0	14,892.0	12,963.0	13,998.0	14,680.0	15,260.0
Negros Occidental	3,476.9	3,530.2	3,494.9	3,560.6	3,644.5	3,665.3	3,558.0	3,669.7	3,647.0	3,628.6
Central Visayas	12,515.1	14,689.6	14,309.6	16,556.4	16,526.8	17,510.6	17,870.5	18,777.0	17,761.5	19,230.2
Bohol	2,220.5	2,980.0	3,167.2	3,507.7	3,612.9	4,727.7	4,282.8	4,134.7	3,200.5	3,914.9
Cebu	4,735.2	5,308.9	5,260.0	6,476.3	6,593.5	6,741.0	7,261.1	8,763.2	9,246.5	9,742.2
Negros Oriental	5,462.1	6,292.0	5,776.0	6,450.7	6,199.0	5,939.6	6,195.6	5,752.9	5,226.8	5,476.1
Siquijor	97.3	108.8	106.4	121.7	121.4	102.4	131.0	126.2	87.6	97.0
Eastern Visayas	15,495.3	15,795.1	16,249.4	16,123.7	16,221.6	14,622.0	12,595.3	12,592.2	11,720.1	11,739.7
Biliran	1,335.3	1,280.4	1,268.0	1,268.3	1,269.9	1,133.8	896.0	890.9	899.4	763.0
Eastern Samar	1,048.8	1,063.0	1,071.5	1,036.8	1,072.8	1,026.1	895.7	457.4	463.5	312.5
Leyte	2,061.5	2,224.9	2,164.2	2,128.7	2,146.5	1,981.3	777.6	865.0	960.0	1,037.9
Northern Samar	3,510.2	3,669.4	4,177.8	4,299.0	4,446.6	4,660.4	4,742.8	4,723.9	3,749.8	3,776.0
Southern Leyte	3,869.9	3,876.8	3,928.0	3,920.9	3,931.8	3,697.5	3,300.0	3,730.0	3,703.0	3,901.0
Samar (Western Sama	3,669.6	3,680.6	3,640.0	3,470.0	3,354.0	2,122.8	1,983.2	1,925.0	1,944.5	1,949.4
Zamboanga Peninsula	49,890.1	52,825.6	53,372.3	45,952.3	49,181.3	55,743.7	61,721.8	63,756.3	61,909.7	62,081.5
Zamboanga del Norte	31,859.1	34,492.0	35,251.3	25,928.3	24,452.9	25,082.3	26,069.7	28,101.0	27,409.6	27,531.3
Zamboanga del Sur	9,209.8	9,337.9	9,297.6	10,906.4	15,404.0	20,486.7	25,233.4	25,485.8	24,491.1	24,278.9
Zamboanga Sibugay	3,218.8	3,208.2	3,101.4	3,329.5	3,455.1	3,700.1	3,795.4	3,625.7	3,968.0	4,158.9
Zamboanga City	5,602.4	5,787.6	5,722.0	5,788.2	5,869.3	6,474.8	6,623.3	6,543.8	6,041.0	6,112.3
Northern Mindanao	152,631.4	154,704.2	164,923.1	166,312.7	169,093.9	167,312.6	168,898.2	168,267.2	168,389.6	169,739.0
Bukidnon	31,460.0	31,595.0	31,975.0	33,250.0	33,195.0	33,300.0	33,670.0	34,625.0	34,564.0	35,150.0
Camiguin	62.7	57.7	58.6	65.0	64.4	59.6	60.9	63.9	60.0	65.0
Lanao del Norte	92,548.5	93,664.0	96,335.9	88,776.4	84,715.8	83,820.0	84,050.8	84,236.3	84,870.6	84,104.0
Misamis Occidental	10,600.4	11,800.2	12,303.5	12,993.2	13,078.7	13,188.0	13,331.5	13,320.0	12,829.0	13,386.0
Misamis Oriental	17,959.9	17,587.4	24,250.1	31,228.1	38,040.0	36,945.0	37,785.0	36,022.1	36,066.0	37,034.0
Davao Region	188,762.4	205,199.9	207,496.4	219,873.6	224,093.4	203,899.4	218,790.7	225,195.6	222,775.5	225,541.9
Davao del Norte	11,685.2	11,280.1	11,526.1	11,976.9	12,311.2	12,212.5	13,505.3	13,994.7	13,207.2	13,061.7
Davao del Sur	86,513.3	90,228.5	90,235.0	90,963.8	91,716.1	92,497.5	94,302.8	97,978.1	96,242.6	98,356.0
Davao Oriental	47,623.5	57,563.2	58,702.0	66,541.1	70,359.5	66,680.2	69,796.7	69,953.2	69,490.1	69,107.2
Compostela Valley	26,076.6	29,179.8	29,902.9	30,434.0	29,309.2	12,062.2	20,119.5	21,540.5	21,675.0	21,671.7
Davao City	16,863.8	16,948.3	17,130.4	19,957.8	20,397.4	20,447.0	21,066.3	21,729.0	22,160.6	23,345.4
SOCCSKSARGEN	228,537.1	225,387.5	219,189.4	223,141.3	225,610.5	229,323.5	230,828.4	223,527.0	173,975.1	180,754.9
North Cotabato	134,156.9	129,576.7	125,932.0	129,291.3	131,347.0	134,468.8	139,849.1	134,699.8	93,539.7	98,765.7
Sarangani	12,874.3	12,726.8	12,318.0	14,527.0	16,752.0	18,225.0	19,215.0	18,754.0	17,448.0	17,780.0
South Cotabato	75,666.6	76,886.6	74,998.2	73,797.2	69,240.7	66,741.8	64,560.6	63,090.9	56,498.6	59,021.8
Sultan Kudarat	5,839.3	6,197.4	5,941.2	5,525.8	8,270.8	9,887.9	7,203.7	6,982.3	6,488.8	5,187.4
Caraga	27,822.9	26,993.0	26,844.3	21,992.2	20,227.6	18,283.0	20,097.6	19,493.0	21,834.7	21,900.4
Agusan del Norte	4,989.4	4,745.0	5,041.4	4,184.0	4,277.6	3,672.1	3,180.5	3,053.7	2,746.8	2,513.2
Agusan del Sur	13,374.0	13,040.8	12,893.1	10,408.3	8,853.0	7,444.1	9,674.5	9,822.4	12,105.8	11,852.1
Dinagat Islands	..	..	..	..	..	4.5	5.0	4.2	4.1	4.4
Surigao del Norte	99.5	93.0	80.7	70.1	47.0	31.3	27.6	23.5	19.5	19.8
Surigao del Sur	9,360.0	9,114.2	8,829.2	7,329.7	7,050.0	7,131.0	7,210.0	6,589.1	6,958.5	7,511.0
ARMM	87,503.2	87,448.9	90,014.9	95,263.9	98,913.2	102,442.7	109,405.4	123,104.9	123,771.3	130,085.9
Basilan	1,620.8	1,644.6	1,643.9	1,649.8	1,606.0	1,555.0	1,576.0	1,530.0	1,415.0	1,433.8
Lanao del Sur	40,881.0	40,800.0	41,045.0	40,500.0	40,002.1	39,206.4	40,762.7	41,338.4	41,683.6	41,650.0
Maguindanao	42,757.0	43,007.4	45,464.5	51,352.5	55,718.2	60,260.3	65,677.0	78,900.8	79,395.9	85,724.0
Sulu	1,518.0	1,327.5	1,210.0	1,120.0	965.0	860.0	842.0	812.0	736.0	718.6
Tawi-tawi	726.4	669.5	651.5	641.7	621.9	561.0	547.8	523.7	540.8	559.4

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Banana Saba										
Philippines	**2,526,835.0**	**2,636,342.0**	**2,632,692.0**	**2,616,842.0**	**2,645,893.0**	**2,557,109.0**	**2,567,495.0**	**2,627,129.0**	**2,474,199.0**	**2,520,010.0**
CAR	8,989.4	9,090.1	9,020.8	8,768.6	8,909.9	9,552.8	8,913.8	9,214.7	8,844.3	7,558.0
Abra	4,742.5	4,786.8	4,835.4	4,694.8	4,744.6	4,615.7	4,031.3	4,313.9	3,850.0	3,787.6
Apayao	1,723.0	1,765.0	1,583.0	1,590.0	1,596.0	2,356.7	2,193.6	2,132.3	2,308.5	1,388.7
Benguet	566.7	577.9	565.7	549.5	529.1	541.2	555.9	526.9	505.9	464.9
Ifugao	1,004.5	1,025.3	1,032.8	1,011.6	1,022.3	857.1	861.1	882.0	880.4	892.5
Kalinga	220.3	221.2	210.5	215.9	250.0	310.0	275.4	297.5	262.0	165.9
Mountain Province	732.5	714.1	793.4	706.7	767.9	872.2	996.5	1,062.2	1,037.6	858.4
Ilocos Region	23,118.0	21,572.5	20,365.0	20,009.1	21,055.4	21,451.9	21,844.7	21,523.4	20,628.7	21,189.3
Ilocos Norte	4,269.6	4,317.8	4,319.1	4,445.2	4,662.2	4,821.8	4,958.5	5,000.1	5,070.7	5,164.8
Ilocos Sur	5,916.6	5,275.5	5,102.4	5,387.0	5,696.6	5,934.1	5,837.2	5,655.4	5,436.4	5,256.5
La Union	2,956.3	2,875.2	2,816.5	2,849.1	2,969.3	3,066.1	3,170.5	3,249.7	3,118.3	3,491.8
Pangasinan	9,975.6	9,104.0	8,127.0	7,327.8	7,727.3	7,630.0	7,878.5	7,618.2	7,003.3	7,276.3
Cagayan Valley	268,662.6	302,775.9	267,578.3	191,181.0	215,049.5	255,500.0	274,217.8	283,909.0	258,652.8	229,635.6
Batanes	..	..	..	..	131.1	122.8	74.1	57.5	33.9	3.2
Cagayan	37,943.6	37,524.7	29,937.5	25,862.6	31,985.6	41,721.5	38,294.7	43,984.9	47,570.7	23,595.4
Isabela	159,975.3	172,057.7	147,230.6	96,957.3	151,087.3	160,270.6	168,654.6	168,627.3	156,371.0	142,775.4
Nueva Vizcaya	15,385.8	15,808.9	14,900.3	14,218.8	13,245.5	12,785.1	12,651.8	12,290.4	12,763.2	12,602.4
Quirino	55,358.0	77,384.6	75,510.0	54,142.3	18,600.0	40,600.0	54,542.6	58,949.0	41,914.0	50,659.3
Central Luzon	25,565.6	25,068.0	27,927.8	27,395.3	27,463.6	29,128.3	29,068.3	28,292.5	22,700.0	22,285.6
Aurora	6,175.0	6,100.0	8,895.0	8,442.0	8,524.3	10,501.0	10,714.0	10,128.0	4,569.1	2,973.8
Bataan	717.9	717.6	718.7	667.0	620.0	595.0	603.0	613.0	595.0	613.2
Bulacan	6,459.0	6,018.0	6,164.0	6,213.0	6,311.0	6,277.0	6,528.0	6,874.0	6,737.0	6,960.0
Nueva Ecija	3,018.7	3,055.8	3,039.0	3,019.0	3,046.3	3,026.0	3,017.5	2,968.4	2,980.1	3,186.8
Pampanga	655.0	650.0	638.0	615.0	606.0	597.0	586.0	595.0	669.7	697.5
Tarlac	2,385.7	2,383.4	2,327.7	2,354.5	2,343.9	2,364.8	2,063.6	1,798.6	1,771.1	2,332.2
Zambales	6,154.3	6,143.3	6,145.3	6,084.8	6,012.0	5,767.5	5,556.1	5,315.5	5,377.9	5,522.1
CALABARZON	67,565.1	70,343.4	68,130.6	74,187.3	76,080.7	77,558.7	68,599.8	62,624.1	74,011.6	76,010.3
Batangas	21,314.0	21,830.0	21,512.0	21,650.0	21,950.0	21,889.0	20,856.6	21,983.1	27,116.8	27,815.9
Cavite	17,258.5	17,333.1	16,318.5	16,663.3	16,650.0	16,797.6	15,068.3	12,474.8	16,007.6	17,268.5
Laguna	9,033.9	10,038.8	9,492.5	10,716.5	11,080.6	11,464.5	9,108.2	6,313.2	7,159.3	7,558.2
Quezon	17,593.2	18,829.7	18,585.4	22,882.5	24,114.0	25,005.6	21,243.7	19,465.9	21,274.7	20,750.7
Rizal	2,365.5	2,311.8	2,222.3	2,275.0	2,286.0	2,402.0	2,323.0	2,387.0	2,453.1	2,617.0
MIMAROPA	121,093.8	126,831.0	130,685.9	141,301.9	125,672.7	98,915.4	96,980.3	105,942.5	61,631.2	58,366.3
Marinduque	269.7	365.4	374.2	382.8	380.3	371.7	337.7	321.2	297.7	289.7
Occidental Mindoro	1,274.0	1,382.7	1,373.0	1,440.2	1,512.0	1,559.9	1,513.4	1,589.2	1,580.2	1,740.9
Oriental Mindoro	103,377.6	107,479.5	110,160.9	119,370.2	102,238.0	73,988.5	70,932.6	78,559.9	34,848.3	29,864.5
Palawan	10,555.7	11,870.4	13,297.6	14,561.1	15,863.5	17,382.0	19,124.9	20,518.5	20,387.6	21,776.3
Romblon	5,617.0	5,733.0	5,480.2	5,547.6	5,678.9	5,613.4	5,071.7	4,953.7	4,517.4	4,695.0
Bicol Region	35,442.6	38,635.6	40,744.9	41,415.1	42,704.5	43,196.4	38,656.6	39,657.8	40,103.4	38,488.0
Albay	4,124.9	4,314.1	4,521.0	4,465.3	4,866.0	5,354.8	3,917.3	3,738.8	3,871.5	3,558.0
Camarines Norte	5,525.0	5,609.0	5,558.0	5,583.0	5,707.0	5,778.1	5,419.5	5,565.2	5,843.9	6,891.5
Camarines Sur	17,182.9	18,072.7	19,020.8	19,010.9	19,095.1	19,313.2	18,361.3	18,561.3	19,291.2	16,638.2
Catanduanes	632.8	642.9	693.9	681.1	680.0	697.9	677.7	709.6	733.4	590.3
Masbate	1,395.0	1,476.0	1,530.8	1,529.2	1,636.9	1,613.9	1,618.9	1,632.2	1,618.4	1,737.7
Sorsogon	6,582.0	8,520.9	9,420.5	10,145.6	10,719.5	10,438.5	8,661.9	9,450.7	8,745.1	9,072.3
Western Visayas	200,390.1	205,425.6	203,496.6	212,543.2	218,719.1	203,869.7	159,632.4	170,588.8	170,407.3	174,236.0
Aklan	36,954.4	36,886.5	37,095.9	37,745.6	37,532.0	37,520.4	22,464.2	23,070.3	23,379.2	23,516.7
Antique	14,716.2	16,288.7	14,149.4	16,326.0	16,727.5	13,203.2	12,617.2	13,795.0	13,712.3	14,739.4
Capiz	21,271.7	23,828.0	24,581.6	24,745.4	24,947.0	23,130.7	2,888.5	6,476.5	6,780.1	6,968.2
Guimaras	4,362.4	4,425.0	4,344.0	4,773.4	5,147.9	5,155.9	5,197.0	4,817.0	4,819.8	5,411.9
Iloilo	79,111.7	79,613.2	79,410.0	83,879.0	88,385.0	80,393.0	72,335.0	78,300.0	78,199.0	80,065.0
Negros Occidental	43,973.8	44,384.2	43,915.7	45,073.8	45,979.6	44,466.6	44,130.4	44,130.1	43,516.9	43,534.8
Central Visayas	116,207.4	126,672.5	122,977.2	133,066.8	135,699.6	123,176.1	123,472.3	126,360.6	125,437.0	133,602.3
Bohol	27,499.7	28,570.2	28,610.6	30,055.7	31,368.3	29,369.1	20,669.4	19,695.2	18,000.3	20,503.7
Cebu	32,727.3	35,129.9	34,439.6	39,658.9	40,893.2	39,264.7	42,453.8	49,204.5	53,785.6	56,037.0
Negros Oriental	41,396.4	48,153.4	45,492.2	48,536.7	48,978.7	45,942.8	48,101.7	45,445.4	42,777.4	45,463.4
Siquijor	14,583.9	14,819.0	14,434.8	14,815.6	14,459.3	8,599.6	12,247.5	12,015.5	10,873.7	11,598.2
Eastern Visayas	176,902.7	180,060.9	182,217.0	181,739.0	183,556.6	169,426.8	145,577.3	153,544.7	154,061.3	158,738.7
Biliran	10,605.4	10,680.4	10,713.7	10,716.3	10,719.6	9,262.4	7,301.0	7,295.0	7,352.0	7,327.0
Eastern Samar	2,396.8	2,453.2	2,461.6	2,382.9	2,502.0	2,393.3	1,880.4	1,251.9	1,317.6	1,345.2
Leyte	28,061.1	29,661.4	28,890.2	28,443.6	28,269.7	25,090.2	12,916.0	14,511.6	16,386.9	17,796.0
Northern Samar	5,196.1	5,597.0	7,136.5	7,364.2	7,696.3	8,446.8	8,789.7	8,705.0	7,521.8	7,380.4
Southern Leyte	93,669.3	93,699.0	95,125.0	95,010.0	95,094.0	85,070.0	77,644.0	85,085.0	84,650.0	88,410.0
Samar (Western Sama	36,973.9	37,970.0	37,890.0	37,822.0	39,275.0	39,164.2	37,046.3	36,696.1	36,833.0	36,480.1
Zamboanga Peninsula	136,980.1	140,001.6	143,631.1	131,130.8	131,883.6	138,878.3	147,029.3	153,172.1	138,394.0	138,833.5
Zamboanga del Norte	65,067.4	68,301.7	68,052.4	55,283.7	50,905.7	48,824.7	49,722.8	57,717.5	49,904.9	47,744.4
Zamboanga del Sur	23,314.7	22,602.3	25,877.3	25,613.8	29,699.4	37,164.9	40,927.7	40,831.8	39,291.1	40,013.1
Zamboanga Sibugay	12,649.2	12,545.5	12,244.1	12,390.2	12,708.3	12,906.8	14,039.5	13,171.4	12,813.3	12,589.7
Zamboanga City	35,948.7	36,552.1	37,457.2	37,843.1	38,570.1	39,981.9	42,339.3	41,451.3	36,384.7	38,486.3
Northern Mindanao	253,216.3	259,750.4	269,395.3	291,200.0	294,605.2	295,655.7	302,444.9	304,692.0	302,527.7	304,009.3
Bukidnon	20,920.0	21,000.0	20,970.0	20,915.0	20,875.0	20,770.0	21,085.0	21,344.0	21,369.0	22,130.3
Camiguin	5,014.9	4,847.7	4,779.0	4,850.1	4,576.6	4,252.5	4,232.5	4,115.1	3,871.5	3,702.0
Lanao del Norte	152,515.0	153,251.0	156,938.1	160,903.3	154,569.3	153,414.2	154,957.9	155,312.6	155,750.6	155,222.0
Misamis Occidental	22,759.0	30,306.0	35,864.8	41,115.8	43,160.3	46,727.9	51,663.5	54,624.8	51,950.6	51,419.0
Misamis Oriental	52,007.4	50,345.6	50,843.4	63,415.8	71,424.0	70,491.0	70,506.0	69,295.5	69,586.0	71,536.0
Davao Region	548,341.1	576,522.9	579,464.6	582,529.1	571,431.0	487,433.1	522,808.4	533,811.9	531,435.2	538,687.8
Davao del Norte	46,017.7	44,748.4	45,377.3	47,041.4	47,724.5	47,720.5	48,913.1	49,629.7	49,205.4	48,847.3
Davao del Sur	268,104.8	274,391.8	272,411.5	273,087.6	270,946.2	271,165.4	275,939.5	280,345.7	282,555.9	289,596.3
Davao Oriental	59,453.5	69,448.4	73,182.0	76,104.8	78,162.7	72,826.0	78,706.0	78,768.2	77,915.8	78,097.1
Compostela Valley	153,294.3	165,699.7	166,082.8	164,230.8	152,904.0	74,201.2	97,427.2	102,817.2	99,848.9	99,969.7
Davao City	21,470.9	22,234.7	22,411.0	22,064.6	21,693.7	21,520.1	21,822.7	22,251.2	21,909.2	22,177.4
SOCCSKSARGEN	307,191.8	320,277.3	321,523.0	334,400.7	348,476.8	356,727.4	369,172.2	370,850.8	295,896.7	331,389.1
North Cotabato	233,320.1	243,628.1	246,169.7	255,838.0	265,981.8	272,733.0	274,921.5	277,803.6	205,480.8	231,908.4
Sarangani	26,974.3	28,794.4	28,524.2	31,587.0	35,884.0	37,780.0	39,014.0	38,580.0	38,080.0	39,525.0
South Cotabato	26,137.3	27,140.5	27,176.0	28,149.4	28,951.2	29,465.9	29,679.7	29,522.2	27,767.2	29,102.1
Sultan Kudarat	20,760.2	20,714.3	19,653.1	18,826.3	17,659.8	16,748.5	25,557.1	24,945.0	24,568.7	30,853.7
Caraga	116,940.8	109,531.5	114,201.2	111,910.8	108,041.4	101,025.4	99,908.7	97,955.8	105,149.2	110,632.1
Agusan del Norte	66,036.8	58,564.3	54,645.2	50,365.0	43,486.1	39,176.0	36,787.1	35,678.3	36,948.6	37,290.2
Agusan del Sur	15,713.3	16,433.0	23,784.8	29,030.1	35,321.1	31,249.1	32,852.8	32,887.8	35,913.1	38,930.4
Dinagat Islands	..	..	..	..	..	312.2	214.5	191.2	185.4	180.4
Surigao del Norte	6,935.8	6,787.0	7,483.3	6,842.6	5,204.2	6,229.2	5,549.2	5,470.0	4,866.1	5,043.0
Surigao del Sur	28,255.0	27,747.3	28,287.8	25,673.2	24,030.0	24,059.0	24,505.0	23,728.5	27,236.1	29,188.1
ARMM	120,227.8	123,782.3	131,333.1	134,062.8	136,544.0	145,612.7	159,168.4	164,988.6	164,318.9	176,348.4
Basilan	14,135.8	14,556.8	14,532.0	14,814.0	14,122.6	13,516.8	13,885.5	13,424.0	12,315.0	12,317.3
Lanao del Sur	27,480.0	27,435.0	27,410.0	27,140.0	27,149.5	27,982.5	28,228.7	28,256.5	28,411.7	28,430.6
Maguindanao	64,097.0	66,761.0	74,491.3	77,975.6	81,292.1	90,878.5	103,909.0	110,265.7	111,337.8	123,325.9
Sulu	10,414.6	10,877.1	10,830.8	10,030.0	10,028.0	9,414.3	9,388.0	9,379.0	8,610.0	8,650.3
Tawi-tawi	4,100.5	4,152.3	4,069.0	4,103.1	3,951.8	3,820.7	3,757.3	3,663.4	3,644.4	3,624.4

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Calamansi										
Philippines	**199,675.2**	**192,187.2**	**188,340.5**	**182,550.1**	**178,548.7**	**164,091.1**	**160,740.4**	**162,675.6**	**118,247.7**	**116,664.7**
CAR	438.2	426.4	420.8	418.7	420.2	417.8	444.6	445.4	435.5	440.7
Abra	85.4	86.9	86.8	85.8	87.0	87.6	105.8	112.0	116.8	120.7
Apayao	62.5	57.0	56.0	55.5	56.4	52.9	55.8	60.1	57.1	51.1
Benguet	218.6	210.6	206.3	205.2	202.6	204.9	210.4	199.7	192.1	194.5
Ifugao	44.8	47.9	45.2	44.5	45.4	45.0	44.7	45.3	45.7	46.6
Kalinga	8.4	8.9	8.8	9.2	10.1	11.5	14.5	15.4	14.5	12.1
Mountain Province	18.6	15.1	17.8	18.6	18.8	15.9	13.3	12.8	9.3	15.7
Ilocos Region	3,430.9	3,311.3	3,312.0	3,339.5	3,370.5	3,437.0	3,408.7	3,432.1	3,417.1	3,457.4
Ilocos Norte	209.8	219.4	233.6	237.4	245.3	251.6	255.4	259.5	263.2	267.2
Ilocos Sur	815.2	700.8	707.4	681.6	722.9	751.2	749.1	790.6	780.5	779.6
La Union	783.1	772.9	756.8	757.9	758.7	756.9	738.9	744.4	758.5	767.0
Pangasinan	1,622.8	1,618.2	1,614.3	1,662.6	1,643.6	1,677.3	1,665.2	1,637.6	1,615.0	1,643.5
Cagayan Valley	8,480.9	7,630.8	7,253.0	6,991.8	6,937.3	7,087.0	6,628.4	7,002.0	6,682.1	6,407.0
Batanes	..	..	..	..	41.3	31.6	20.7	15.7	13.3	4.3
Cagayan	4,546.5	3,494.1	3,425.1	3,596.7	3,348.9	3,389.2	3,426.6	3,705.6	3,432.5	3,282.5
Isabela	3,174.6	3,335.9	3,085.1	2,755.0	2,777.8	2,911.3	2,413.7	2,556.6	2,540.7	2,440.0
Nueva Vizcaya	555.3	565.1	576.5	482.0	572.8	555.2	557.9	528.7	498.0	480.8
Quirino	204.6	235.8	166.3	158.2	196.5	199.8	209.5	195.4	197.7	199.4
Central Luzon	10,242.6	9,939.8	10,301.4	10,225.3	10,366.4	10,396.4	10,717.1	10,765.2	10,179.0	10,294.5
Aurora	1,750.0	1,645.0	1,621.0	1,637.3	1,625.8	1,584.0	1,674.0	1,471.8	930.2	959.9
Bataan	64.3	63.5	62.9	58.9	55.8	57.0	58.0	57.9	56.1	58.5
Bulacan	601.0	608.0	880.0	891.0	924.0	938.0	975.0	1,047.0	1,135.0	1,149.0
Nueva Ecija	6,524.7	6,309.0	6,409.8	6,317.4	6,365.2	6,379.6	6,510.6	6,593.9	6,504.2	6,443.9
Pampanga	649.5	645.5	648.5	633.0	683.0	718.0	718.0	713.5	735.9	779.6
Tarlac	231.2	227.6	234.1	234.7	239.4	238.8	223.3	223.1	228.7	288.3
Zambales	422.0	441.2	445.1	453.0	473.2	481.0	558.3	658.0	588.9	615.4
CALABARZON	15,337.4	15,096.3	15,327.8	15,112.4	14,382.1	13,855.3	12,426.4	13,053.8	13,045.6	13,061.1
Batangas	4,651.3	4,675.0	4,890.0	4,835.0	4,565.0	3,380.0	2,943.0	3,430.5	3,830.5	3,933.0
Cavite	285.5	273.9	270.4	275.4	274.0	270.9	260.4	297.6	323.3	323.3
Laguna	413.9	428.4	412.0	385.2	401.0	409.3	359.6	373.1	409.4	400.3
Quezon	9,269.0	9,024.4	9,074.0	8,921.8	8,440.0	9,061.1	8,144.4	8,165.7	7,744.0	7,646.2
Rizal	717.6	694.7	681.4	695.0	702.0	734.0	719.0	787.0	738.4	758.3
MIMAROPA	118,244.6	113,436.1	109,611.6	105,408.6	102,628.1	88,747.5	83,749.7	84,211.9	42,315.2	39,744.9
Marinduque	49.7	51.1	51.8	52.2	51.9	51.9	50.5	55.0	45.5	45.1
Occidental Mindoro	154.2	150.3	155.6	181.0	184.1	184.2	190.4	200.3	204.1	214.0
Oriental Mindoro	117,279.7	112,479.4	108,658.0	104,416.3	101,600.7	87,703.8	82,663.8	83,087.0	41,184.7	38,576.3
Palawan	615.5	610.5	612.1	632.9	679.9	699.5	742.0	764.0	770.0	794.9
Romblon	145.6	144.8	134.2	126.3	111.5	108.1	103.0	105.5	110.9	114.6
Bicol Region	2,512.9	2,308.8	2,287.4	2,237.6	2,176.3	2,111.9	1,845.2	1,825.5	1,925.0	1,904.9
Albay	151.8	151.7	145.3	138.5	137.5	123.6	90.2	87.4	81.3	68.8
Camarines Norte	417.0	416.8	415.4	416.5	431.6	445.4	453.9	464.4	619.3	643.8
Camarines Sur	426.6	431.2	452.1	451.6	454.2	454.5	437.2	468.1	475.8	435.4
Catanduanes	12.5	12.2	12.8	12.3	12.3	12.6	12.3	12.5	12.1	9.8
Masbate	100.2	104.8	110.1	109.8	124.3	126.7	135.1	140.1	134.4	131.5
Sorsogon	1,404.7	1,192.1	1,151.7	1,108.9	1,016.4	949.1	716.5	653.1	602.2	615.5
Western Visayas	6,943.5	6,551.5	6,162.4	5,567.6	5,340.2	5,289.9	5,036.7	4,659.5	4,345.0	4,326.0
Aklan	645.6	547.0	554.8	561.2	568.3	549.4	414.2	426.9	414.4	414.0
Antique	46.3	43.3	41.4	43.3	41.9	40.4	39.3	40.6	40.7	44.0
Capiz	79.3	78.2	82.1	89.0	100.4	98.0	84.0	92.6	96.3	100.1
Guimaras	4,077.7	3,833.0	3,505.0	2,962.2	2,746.4	2,715.3	2,711.2	2,342.5	2,142.6	2,157.5
Iloilo	2,037.9	1,994.0	1,925.0	1,860.0	1,830.0	1,834.5	1,738.0	1,707.0	1,608.0	1,568.0
Negros Occidental	56.8	56.1	54.1	51.9	53.1	52.3	49.9	49.9	43.1	42.3
Central Visayas	1,227.3	1,271.4	1,158.7	1,106.3	1,116.6	1,092.6	1,130.5	1,174.7	1,185.4	1,163.6
Bohol	121.2	116.1	103.8	105.3	108.2	100.4	131.6	129.2	116.0	132.2
Cebu	784.3	792.9	714.8	658.2	664.7	645.7	640.4	693.3	755.2	730.1
Negros Oriental	252.9	295.5	286.6	289.5	292.2	298.9	307.5	301.4	269.3	252.5
Siquijor	68.8	67.0	53.5	53.3	51.5	47.6	51.1	50.7	44.8	48.9
Eastern Visayas	2,454.3	2,482.6	2,467.2	2,479.0	2,510.0	2,224.2	1,282.5	1,503.0	1,683.5	1,745.2
Biliran	36.0	36.4	38.3	38.4	38.5	36.6	33.1	33.3	33.6	39.5
Eastern Samar	79.0	80.6	85.1	87.0	90.3	73.0	43.7	38.2	39.7	36.4
Leyte	2,175.6	2,201.9	2,180.3	2,189.9	2,212.0	1,937.3	1,031.0	1,247.3	1,424.9	1,482.4
Northern Samar	35.5	36.5	37.8	38.9	41.7	52.0	53.8	55.4	56.0	58.4
Southern Leyte	43.2	43.9	43.7	43.3	43.3	40.3	37.6	41.0	40.8	42.4
Samar (Western Sama	85.1	83.4	82.1	81.5	84.3	85.0	83.4	87.9	88.4	86.1
Zamboanga Peninsula	5,907.2	5,702.4	5,748.0	6,168.1	6,340.7	6,988.7	10,234.6	9,994.7	10,022.3	10,862.6
Zamboanga del Norte	644.4	572.4	483.4	491.2	397.3	445.5	475.8	584.4	406.6	396.3
Zamboanga del Sur	471.6	458.5	456.8	457.9	592.5	665.7	644.7	643.2	719.1	714.1
Zamboanga Sibugay	4,098.1	4,012.3	4,177.8	4,624.0	4,832.1	5,363.4	8,618.6	8,265.2	8,401.8	9,255.1
Zamboanga City	693.0	659.1	629.9	595.2	518.8	514.1	495.5	502.0	494.8	497.1
Northern Mindanao	1,265.5	1,261.3	1,294.6	1,285.9	1,313.8	1,341.3	2,041.1	2,126.7	2,211.2	2,276.9
Bukidnon	610.0	585.0	560.0	515.0	493.0	501.0	515.0	528.0	553.0	577.0
Camiguin	12.7	14.8	15.4	16.5	20.1	21.6	22.4	22.6	23.4	23.9
Lanao del Norte	419.2	429.0	473.9	504.0	538.1	554.9	1,220.0	1,289.2	1,349.5	1,385.0
Misamis Occidental	151.0	159.7	177.3	186.5	192.1	195.7	201.7	207.5	207.0	209.5
Misamis Oriental	72.6	72.8	68.0	63.9	70.6	68.2	82.0	79.4	78.3	81.5
Davao Region	10,192.6	10,028.7	10,062.1	9,289.9	8,838.2	8,135.7	8,285.8	8,391.4	8,444.1	8,313.2
Davao del Norte	5,169.8	5,056.7	5,237.3	5,080.0	5,025.7	5,089.5	5,257.2	5,325.4	5,457.3	5,287.3
Davao del Sur	540.5	523.5	523.4	537.7	545.5	498.3	530.5	533.9	540.0	543.3
Davao Oriental	172.6	165.8	167.8	162.0	156.9	148.5	150.6	146.2	145.7	149.7
Compostela Valley	3,672.3	3,662.8	3,603.2	3,152.1	2,814.5	2,123.1	2,104.7	2,144.4	2,088.6	2,122.4
Davao City	637.4	619.9	530.6	358.1	295.6	276.3	242.8	241.5	212.5	210.4
SOCCSKSARGEN	6,645.9	6,580.9	6,777.4	6,884.7	7,119.6	7,365.0	7,579.2	7,370.3	5,009.5	5,452.0
North Cotabato	5,395.9	5,294.7	5,405.0	5,405.7	5,523.3	5,678.7	5,803.1	5,549.5	3,337.4	3,583.2
Sarangani	512.7	529.7	522.5	539.9	596.7	561.0	568.3	573.9	571.0	584.7
South Cotabato	193.2	201.4	261.5	315.9	328.9	391.0	448.4	473.1	417.5	450.4
Sultan Kudarat	544.1	555.1	588.5	623.2	670.7	734.3	759.4	773.8	683.7	833.8
Caraga	5,202.9	4,994.1	4,943.5	4,807.8	4,310.0	4,194.1	4,421.0	4,978.5	5,615.1	5,195.7
Agusan del Norte	510.0	487.3	475.7	370.8	238.0	131.6	138.6	131.2	123.4	111.0
Agusan del Sur	4,430.0	4,238.0	4,230.2	4,242.5	3,901.3	3,857.7	4,096.1	4,667.8	5,318.1	4,903.8
Dinagat Islands	..	..	..	..	..	13.8	4.2	3.9	3.5	3.3
Surigao del Norte	79.7	82.3	80.0	58.7	40.2	55.1	50.7	46.5	40.9	50.2
Surigao del Sur	183.2	186.5	157.6	135.7	130.5	135.9	131.4	129.0	129.2	127.5
ARMM	1,148.7	1,164.9	1,212.7	1,227.0	1,378.7	1,406.6	1,508.9	1,741.0	1,732.1	2,019.2
Basilan	85.9	86.3	86.4	83.8	85.7	81.4	79.3	77.3	60.9	62.7
Lanao del Sur	112.4	113.4	114.7	113.6	112.3	101.2	98.2	85.6	85.2	86.9
Maguindanao	541.0	569.4	607.3	650.2	799.1	845.2	952.0	1,192.2	1,225.0	1,502.7
Sulu	380.8	366.2	373.0	352.0	350.0	349.5	349.8	353.0	333.0	336.4
Tawi-tawi	28.6	29.7	31.5	27.5	31.7	29.4	29.7	32.9	28.1	30.6

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Durian										
Philippines	**51,399.2**	**55,726.6**	**77,548.5**	**58,969.0**	**85,960.9**	**91,211.7**	**80,334.1**	**87,382.0**	**71,444.2**	**66,457.6**
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	1.5	1.5	1.5
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	1.5	1.5	1.5
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	2.0	45.7	46.2	42.0	28.3	32.9	36.3	46.0
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	2.0	45.7	46.2	42.0	28.3	32.9	36.3	46.0
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	1.2	1.4	2.3	3.9	3.4	2.5	1.2
Aurora	..	..	..	1.2	1.4	2.3	3.9	3.4	2.5	1.2
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	73.4	80.8	78.8	46.9	49.3	52.0	41.4	41.4	44.6	54.4
Batangas	..	..	2.1	0.9	0.8	0.5	0.3	0.2	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	73.4	80.8	76.7	46.0	48.5	51.5	41.1	41.2	44.6	54.4
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	12.6	12.7	14.2	14.5	15.7	15.9	15.7	17.2	15.1	13.8
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	9.5	9.3	10.1	9.7	10.5	10.4	9.6	10.5	8.1	6.4
Palawan	3.1	3.4	4.1	4.8	5.3	5.5	6.2	6.7	7.0	7.4
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	299.0	335.8	338.0	49.0	168.6	151.4	159.3	144.0	145.5	156.6
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	0.1
Iloilo	3.2	4.6	4.3	2.2	2.7	3.1	4.1	3.7	3.6	3.3
Negros Occidental	295.8	331.2	333.7	46.9	165.9	148.3	155.2	140.3	142.0	153.3
Central Visayas	6.3	16.9	17.1	1.0	1.1	6.5	7.0	9.7	17.4	9.9
Bohol	..	..	..	..	..	..	..	..	8.0	4.0
Cebu	0.8	2.8	0.5	0.4	0.3	..	0.8	2.5	1.8	0.1
Negros Oriental	5.5	14.1	16.7	0.6	0.7	6.5	6.2	7.2	7.6	5.8
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	7.4	9.0	8.5	10.7	10.9	9.7	7.4	8.3	8.3	8.1
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	7.4	9.0	8.5	8.3	8.5	7.6	3.0	3.4	3.2	2.9
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	2.4	2.4	2.1	4.3	4.9	5.2	5.2
Zamboanga Peninsula	347.8	537.0	811.1	630.1	541.5	558.5	931.0	1,506.1	1,344.7	988.6
Zamboanga del Norte	7.9	179.4	403.3	198.1	96.1	12.5	228.6	382.1	239.4	79.5
Zamboanga del Sur	163.7	174.4	214.3	259.6	268.6	335.8	386.1	384.2	332.7	189.4
Zamboanga Sibugay	31.0	40.9	48.3	36.0	32.0	56.2	153.3	577.4	613.4	565.9
Zamboanga City	145.2	142.4	145.1	136.4	144.8	154.0	163.1	162.5	159.2	153.9
Northern Mindanao	1,437.7	1,932.5	2,150.9	1,981.1	2,057.5	2,164.6	2,156.4	2,294.9	2,311.9	2,088.4
Bukidnon	517.0	910.0	972.0	834.0	793.0	825.0	690.0	748.0	767.9	748.0
Camiguin	13.2	16.5	22.0	18.3	28.3	28.6	33.8	40.6	37.5	45.4
Lanao del Norte	773.0	796.0	905.0	996.3	1,070.0	1,120.0	1,200.0	1,246.4	1,256.2	1,055.0
Misamis Occidental	55.4	60.9	89.2	97.5	105.1	114.0	119.7	126.9	124.0	119.2
Misamis Oriental	79.1	149.1	162.7	35.0	61.2	77.0	113.0	133.0	126.3	120.8
Davao Region	36,787.2	42,816.7	55,606.3	50,850.7	67,799.7	70,063.7	62,768.8	67,697.4	53,805.7	51,818.4
Davao del Norte	6,334.7	7,054.3	8,325.7	8,961.7	10,747.3	12,511.4	13,141.1	15,806.3	14,711.7	14,402.6
Davao del Sur	1,827.1	1,867.3	2,028.0	1,312.0	1,266.5	1,275.6	1,406.9	1,621.2	1,616.9	1,511.1
Davao Oriental	108.2	115.1	109.1	122.0	130.0	65.3	76.3	75.3	73.6	72.4
Compostela Valley	7,021.7	7,322.2	8,321.3	3,715.7	2,359.8	255.6	307.7	363.6	222.4	66.2
Davao City	21,495.4	26,457.9	36,822.3	36,739.3	53,296.1	55,955.8	47,836.8	49,831.1	37,181.0	35,766.1
SOCCSKSARGEN	2,230.5	2,984.6	3,454.9	3,738.0	3,949.9	4,795.6	5,064.2	5,159.0	3,687.5	2,723.0
North Cotabato	2,115.4	2,812.3	3,206.1	3,478.9	3,628.6	4,299.3	4,496.6	4,434.4	3,060.2	2,108.4
Sarangani	31.9	39.9	62.4	72.7	79.7	92.4	99.1	108.0	106.5	105.4
South Cotabato	63.7	111.1	160.0	171.3	215.6	367.1	425.7	573.4	488.1	488.2
Sultan Kudarat	19.5	21.2	26.4	15.1	26.0	36.8	42.9	43.2	32.7	21.0
Caraga	1,105.3	1,340.6	1,281.6	1,341.4	2,285.5	1,483.1	2,197.6	2,677.9	3,106.3	2,731.3
Agusan del Norte	117.0	87.8	92.7	93.8	128.4	182.7	328.9	370.1	301.5	275.1
Agusan del Sur	657.2	924.4	880.1	1,004.4	1,907.3	1,042.2	1,606.0	2,068.7	2,539.7	2,137.0
Dinagat Islands	..	..	..	..	..	0.3	0.4	0.3	0.6	0.5
Surigao del Norte	14.1	14.5	8.8	4.3	2.7	3.1	3.8	2.7	2.1	2.1
Surigao del Sur	317.0	313.9	300.0	238.9	247.2	254.8	258.5	236.1	262.5	316.6
ARMM	9,092.0	5,660.1	13,785.1	258.8	9,033.7	11,866.6	6,953.1	7,788.4	6,916.9	5,816.4
Basilan	..	1.6	12.8	..	0.2	2.2	35.2	36.0	31.1	10.7
Lanao del Sur	466.2	460.0	468.0	45.7	245.5	240.8	234.6	245.4	246.9	54.5
Maguindanao	300.5	286.0	328.3	213.1	278.0	289.7	333.4	407.1	439.0	421.2
Sulu	8,325.4	4,912.0	12,976.0	..	8,510.0	11,334.0	6,350.0	7,100.0	6,200.0	5,330.0
Tawi-tawi	..	0.6	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Lanzones										
Philippines	**7,406.9**	**15,340.9**	**49,500.3**	**4,255.8**	**14,190.0**	**35,206.9**	**13,899.2**	**20,814.4**	**17,160.4**	**8,030.5**
CAR	17.4	15.4	16.6	12.1	15.6	38.5	46.2	50.3	43.0	35.5
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	16.7	14.7	15.6	11.0	14.0	34.8	41.2	41.4	33.6	27.7
Benguet	..	..	..	..	..	..	..	5.0	5.1	5.6
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	0.7	0.8	1.0	1.1	1.6	3.8	5.0	3.9	4.3	2.3
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	0.9	1.0	1.3	1.4	1.5	2.6	5.6	6.3	6.4	6.7
Ilocos Norte	..	..	..	..	..	0.0	0.1	0.1	0.1	0.1
Ilocos Sur	..	..	..	..	..	0.5	2.4	2.8	2.8	2.9
La Union	0.9	1.0	1.3	1.4	1.5	2.0	3.1	3.4	3.5	3.7
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	105.9	110.9	84.8	59.6	52.6	47.9	48.6	49.9	46.5	59.4
Batanes	..	..	..	..	..	0.0	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	5.9	2.2	4.8	2.2	1.5	1.4	4.1	4.3	4.1	5.4
Nueva Vizcaya	100.0	108.7	80.0	57.4	51.1	46.5	44.6	45.6	42.5	53.4
Quirino	..	..	..	..	..	..	..	..	..	0.7
Central Luzon	14.4	11.5	12.0	9.0	11.3	11.2	11.6	9.8	8.6	6.7
Aurora	2.2	4.0	4.7	4.6	5.3	5.7	5.9	3.5	3.9	2.0
Bataan	4.6	3.5	3.3	2.7	2.3	1.9	2.1	2.0	..	..
Bulacan	7.0	3.5	3.6	1.5	3.5	3.5	3.6	4.3	4.7	4.7
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	0.6	0.5	0.4	0.3	0.2	0.2	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1,281.6	714.9	1,006.7	638.1	1,599.7	1,675.1	1,244.0	1,292.4	1,223.3	1,136.7
Batangas	9.3	8.8	8.5	1.5	1.0	1.3	1.0	4.2	3.6	3.2
Cavite	4.0	7.0	7.3	7.2	7.6	7.4	6.5	6.6	5.4	4.1
Laguna	1,072.7	549.4	797.5	473.0	494.5	519.2	171.2	200.3	202.6	198.7
Quezon	195.7	149.7	193.4	156.5	1,096.6	1,147.2	1,065.3	1,081.3	1,011.7	930.8
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	155.5	151.3	156.6	149.6	151.5	160.7	154.1	159.7	128.3	70.2
Marinduque	14.0	14.1	14.3	14.0	13.8	13.4	13.0	14.1	10.1	9.9
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	136.0	131.8	136.8	130.3	132.6	141.7	134.8	138.8	110.3	52.0
Palawan	5.5	5.3	5.6	5.3	5.1	5.6	6.3	6.8	8.0	8.4
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	8.8	8.9	8.1	8.0	8.1	8.1	7.7	8.0	20.2	13.0
Albay	..	..	..	..	..	..	..	..	12.3	5.2
Camarines Norte	2.0	1.8	1.8	1.5	1.5	1.6	1.6	1.6	1.8	1.6
Camarines Sur	2.2	2.1	1.0	1.0	1.0	1.0	0.9	1.0	1.1	1.0
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	4.7	5.1	5.3	5.5	5.6	5.5	5.2	5.4	5.1	5.3
Western Visayas	502.7	484.0	546.9	356.3	474.0	471.3	481.9	501.3	481.4	425.6
Aklan	9.5	43.3	53.0	13.4	13.3	14.4	14.9	13.0	12.8	10.9
Antique	0.9	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.6	0.9
Capiz	37.0	42.3	51.9	43.3	49.0	37.8	24.0	28.7	34.4	31.6
Guimaras	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.5	0.4
Iloilo	1.8	4.0	5.0	4.5	4.7	6.2	8.0	6.0	5.9	5.3
Negros Occidental	453.3	393.6	436.1	294.5	406.3	412.1	434.2	452.7	427.2	376.6
Central Visayas	40.3	128.3	162.0	34.9	58.7	78.3	66.4	77.7	60.9	12.4
Bohol	1.0	1.3	3.8	..	8.4	7.9	4.2	6.7	5.1	..
Cebu	23.3	11.7	25.2	9.3	17.5	22.8	22.4	23.2	19.5	8.9
Negros Oriental	10.1	94.8	109.9	24.4	30.3	34.6	37.4	43.1	30.0	3.6
Siquijor	5.9	20.5	23.2	1.2	2.6	13.0	2.4	4.6	6.2	..
Eastern Visayas	726.7	651.5	719.5	151.1	151.7	158.4	136.5	120.5	115.9	103.2
Biliran	4.8	4.7	6.2	3.7	3.7	6.3	5.6	5.6	5.4	1.6
Eastern Samar	2.8	2.8	2.9	2.9	2.9	2.1	1.6	1.4	0.0	..
Leyte	585.7	505.8	554.3	45.3	43.2	41.5	17.9	2.0	4.2	3.8
Northern Samar	100.0	103.3	106.6	87.1	89.4	96.7	100.9	99.3	94.4	86.4
Southern Leyte	9.3	9.3	9.7	9.6	9.6	9.6	9.6	10.6	10.7	10.8
Samar (Western Sama	24.2	25.7	40.0	2.6	2.8	2.2	1.0	1.6	1.2	0.6
Zamboanga Peninsula	108.5	183.9	11,652.5	35.2	47.5	84.0	1,853.1	5,907.6	4,843.9	302.8
Zamboanga del Norte	4.5	57.0	11,377.9	25.2	7.9	14.8	1,771.6	5,396.6	4,330.0	0.4
Zamboanga del Sur	68.5	70.9	98.4	..	6.0	4.6	8.0	7.3	8.5	..
Zamboanga Sibugay	24.8	45.3	164.9	..	21.9	51.7	58.4	487.8	489.7	287.7
Zamboanga City	10.8	10.7	11.3	10.0	11.7	12.9	15.1	15.9	15.7	14.8
Northern Mindanao	1,236.3	4,447.6	4,779.2	1,071.8	5,397.8	5,519.1	4,577.0	7,369.4	5,600.0	2,631.1
Bukidnon	..	130.0	161.0	54.0	12.0	11.0	8.0	11.5	12.5	11.1
Camiguin	170.7	922.2	2,931.9	374.1	3,052.7	2,971.6	3,361.6	4,618.5	2,923.5	445.3
Lanao del Norte	187.8	351.0	414.0	391.5	403.2	407.0	410.4	408.5	345.5	260.4
Misamis Occidental	426.2	509.0	582.2	242.3	254.9	259.5	267.0	273.4	273.5	270.8
Misamis Oriental	451.6	2,535.4	690.0	10.0	1,675.0	1,870.0	530.0	2,057.5	2,045.0	1,643.5
Davao Region	2,501.8	1,985.3	3,951.7	1,282.7	1,086.9	581.1	639.8	529.7	430.6	210.2
Davao del Norte	229.7	243.6	286.4	82.8	31.3	38.3	55.0	94.0	98.8	90.8
Davao del Sur	283.9	282.9	313.6	12.8	11.9	12.0	18.3	21.6	22.3	16.0
Davao Oriental	23.8	21.3	22.0	18.8	15.1	10.6	10.6	12.6	12.1	11.7
Compostela Valley	1,229.0	760.9	2,509.4	1,166.1	814.7	299.1	325.1	126.5	53.6	38.8
Davao City	735.5	676.5	820.3	2.2	213.8	221.1	230.8	275.1	243.8	53.0
SOCCSKSARGEN	251.5	333.1	930.9	215.0	353.0	456.9	718.5	758.4	501.9	254.9
North Cotabato	60.4	115.7	677.7	3.8	149.9	174.7	391.8	421.2	205.0	..
Sarangani	51.8	56.4	87.8	95.4	97.5	104.4	102.4	102.6	98.0	94.2
South Cotabato	125.5	146.0	146.7	111.6	93.1	163.6	208.6	217.6	185.9	160.5
Sultan Kudarat	13.9	15.1	18.8	4.2	12.5	14.2	15.7	17.1	13.0	0.3
Caraga	110.6	108.0	193.9	60.5	56.1	195.2	319.2	587.5	614.1	607.1
Agusan del Norte	..	..	13.0	1.9	6.1	62.4	64.5	74.8	59.0	..
Agusan del Sur	51.2	49.3	116.2	35.2	47.1	117.2	231.5	488.1	532.8	582.5
Dinagat Islands	..	..	..	..	..	0.2	..	..	0.2	..
Surigao del Norte	37.9	39.2	46.2	23.4	3.0	3.3	6.2	7.3	6.5	5.1
Surigao del Sur	21.5	19.5	18.5	..	..	12.0	17.0	17.4	15.6	19.5
ARMM	344.0	6,005.4	25,277.8	170.7	4,724.0	25,718.6	3,589.0	3,386.2	3,035.3	2,155.0
Basilan	..	4.6	327.2	..	0.6	505.4	600.0	625.0	575.0	..
Lanao del Sur	344.0	330.0	343.0	170.7	291.9	289.9	283.6	298.3	299.0	175.7
Maguindanao	..	3.0	4.0	..	0.5	1.0	2.1	10.0	8.8	7.3
Sulu	..	5,665.5	24,600.0	..	4,430.0	24,920.0	2,700.0	2,450.0	2,150.0	1,970.0
Tawi-tawi	..	2.3	3.6	..	1.0	2.4	3.3	2.9	2.5	2.0

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mandarin										
Philippines	**22,742.8**	**20,375.8**	**18,782.5**	**17,697.1**	**16,755.4**	**15,287.0**	**14,045.2**	**14,063.7**	**13,243.3**	**12,907.7**
CAR	884.9	878.0	796.3	796.9	807.8	845.5	890.0	872.2	711.2	653.9
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	28.3	32.7	37.3	33.0	41.0	71.5	100.7	107.7	83.5	86.3
Benguet	717.1	710.0	630.8	616.5	611.9	619.0	629.4	576.5	458.5	418.0
Ifugao	30.8	33.5	30.3	30.9	28.8	28.4	28.9	27.0	27.5	29.5
Kalinga	12.7	13.0	12.2	12.9	15.8	14.0	13.0	11.3	3.8	6.5
Mountain Province	96.0	88.9	85.7	103.6	110.3	112.7	117.9	149.7	138.0	113.6
Ilocos Region	11.3	11.3	11.3	11.4	11.8	11.9	12.0	12.3	12.6	12.8
Ilocos Norte	9.4	9.6	9.6	10.0	10.4	10.6	10.8	11.0	11.1	11.3
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1.9	1.8	1.6	1.5	1.4	1.3	1.3	1.3	1.5	1.5
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	9,821.4	9,424.8	8,154.8	7,634.3	7,331.5	6,828.8	6,166.1	6,446.3	5,915.0	5,839.0
Batanes	..	..	..	..	16.9	7.2	3.7	0.7	0.2	0.1
Cagayan	1,113.6	716.5	891.0	915.4	871.1	832.9	772.8	799.9	652.8	652.0
Isabela	556.3	553.8	471.0	424.6	425.5	453.9	476.0	492.7	477.7	480.7
Nueva Vizcaya	7,465.1	7,364.6	6,176.3	5,815.0	5,582.8	5,084.4	4,449.6	4,710.9	4,412.3	4,298.5
Quirino	686.4	790.0	616.4	479.3	435.3	450.3	464.0	442.0	372.1	407.6
Central Luzon	1,293.6	1,203.1	1,163.7	1,007.6	903.4	725.2	640.8	584.7	535.9	557.5
Aurora	1,243.4	1,161.3	1,122.0	966.2	863.2	686.6	598.7	541.5	472.8	494.4
Bataan	1.9	1.8	1.7	1.4	1.3	1.2	1.2	1.2	1.1	1.1
Bulacan	48.3	40.0	40.0	40.0	39.0	37.4	41.0	42.0	62.0	62.0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	5,021.8	4,987.6	4,903.8	4,745.9	4,656.2	4,170.1	3,787.2	3,661.6	3,745.8	3,662.9
Batangas	470.0	510.0	521.0	495.0	490.0	185.0	95.0	115.0	117.8	143.6
Cavite	30.7	34.4	30.0	29.4	18.0	17.6	17.1	17.7	18.8	19.9
Laguna	2,443.5	2,451.6	2,450.5	2,498.2	2,510.7	2,512.1	2,508.7	2,520.6	2,617.3	2,508.2
Quezon	2,043.4	1,958.2	1,868.1	1,687.3	1,599.5	1,410.3	1,123.4	964.4	946.2	961.9
Rizal	34.3	33.4	34.2	36.0	38.0	45.0	43.0	44.0	45.8	29.3
MIMAROPA	411.4	407.1	430.4	430.9	417.9	376.5	353.8	354.8	209.2	189.6
Marinduque	32.7	32.8	33.1	33.8	33.4	32.4	33.1	33.9	31.6	31.3
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	374.5	370.5	394.2	394.2	381.6	341.2	317.7	317.8	174.4	155.1
Palawan	2.9	2.8	3.1	3.0	2.9	3.0	3.1	3.1	3.2	3.2
Romblon	1.3	1.1	..	..	..	..	..	..	..	..
Bicol Region	790.3	817.2	823.6	830.6	844.0	844.0	819.9	843.4	877.6	821.9
Albay	13.1	12.4	11.8	10.9	10.3	10.9	8.6	9.0	8.5	8.1
Camarines Norte	487.0	503.0	506.0	512.0	523.4	529.7	540.1	555.4	624.5	585.4
Camarines Sur	151.6	149.5	151.9	152.3	153.4	152.7	135.6	142.0	118.6	99.9
Catanduanes	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	138.4	152.3	153.8	155.3	156.9	150.6	135.5	136.9	125.9	128.5
Western Visayas	62.9	63.7	58.8	50.1	49.4	53.6	41.3	39.8	43.4	45.2
Aklan	34.3	35.5	32.8	24.7	23.5	16.3	6.8	6.0	6.2	6.6
Antique	9.2	8.5	7.9	7.9	7.7	7.6	7.2	7.0	6.7	7.0
Capiz	..	..	..	..	..	10.8	10.4	11.1	12.8	13.2
Guimaras	4.6	4.6	3.9	4.0	4.4	4.7	4.9	5.9	7.1	7.5
Iloilo	14.9	15.2	14.3	13.4	13.8	14.2	12.0	9.9	10.6	11.0
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	126.5	122.9	87.1	79.1	61.4	52.4	54.2	50.6	54.9	46.1
Bohol	..	..	..	..	..	1.0	1.0	0.8	0.8	0.9
Cebu	115.1	113.5	82.7	73.2	54.8	43.5	44.2	41.3	47.5	40.5
Negros Oriental	11.4	9.3	4.4	5.9	6.6	8.0	9.1	8.6	6.6	4.8
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	30.1	30.5	30.5	29.3	29.3	28.5	21.2	19.4	18.5	18.7
Biliran	0.8	0.8	0.8	0.9	0.8	0.6	0.5	0.5	0.5	0.4
Eastern Samar	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.3	0.2	0.1
Leyte	9.3	9.7	9.5	9.2	9.3	9.0	2.8	1.4	1.7	1.5
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	17.9	17.9	18.0	17.9	17.8	17.8	17.0	17.1	16.1	16.5
Samar (Western Sama	1.2	1.2	1.2	0.4	0.3	0.2	0.2	0.2	0.2	0.2
Zamboanga Peninsula	2.6	2.7	13.7	5.9	6.5	1.4	0.4	7.5	5.7	4.8
Zamboanga del Norte	2.6	2.7	13.7	5.9	6.5	1.4	0.4	7.5	5.7	4.8
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	146.2	146.7	152.7	115.5	75.2	71.0	63.9	56.0	43.6	33.6
Bukidnon	82.0	89.0	99.0	67.0	28.0	27.0	22.0	16.0	13.1	12.0
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	55.4	48.5	43.9	39.6	37.7	35.0	32.9	31.3	22.4	16.1
Misamis Occidental	5.8	6.2	6.3	6.9	7.8	8.0	8.4	8.2	7.7	5.1
Misamis Oriental	3.0	3.0	3.5	2.0	1.7	1.1	0.6	0.5	0.5	0.4
Davao Region	2,309.8	2,137.9	1,827.0	1,682.4	1,494.5	1,216.1	1,134.4	1,061.5	1,027.0	980.2
Davao del Norte	95.1	91.0	89.3	86.2	82.6	77.9	74.5	73.8	70.7	67.6
Davao del Sur	126.2	113.3	101.3	85.4	76.2	73.8	70.3	66.0	65.5	66.0
Davao Oriental	438.9	382.3	327.2	300.5	256.7	204.5	188.9	182.7	175.9	165.2
Compostela Valley	408.0	332.8	304.4	297.3	260.8	99.8	73.7	58.6	51.4	52.7
Davao City	1,241.5	1,218.6	1,004.7	913.1	818.3	760.2	727.1	680.4	663.3	628.8
SOCCSKSARGEN	62.4	63.8	66.4	56.2	50.0	48.0	46.9	42.4	31.9	31.4
North Cotabato	15.6	15.9	14.8	13.9	14.5	13.7	13.3	11.4	11.1	11.9
Sarangani	12.0	12.1	13.2	13.5	13.9	14.5	14.5	13.7	5.2	5.0
South Cotabato	12.0	12.7	14.7	13.5	12.7	13.3	13.7	12.4	11.3	10.2
Sultan Kudarat	22.8	23.2	23.7	15.3	8.9	6.6	5.4	5.0	4.3	4.4
Caraga	51.4	42.5	36.6	16.5	11.8	9.7	8.9	7.7	7.3	6.5
Agusan del Norte	12.5	6.8	13.1	6.6	2.1	1.1	0.8	0.1	0.1	0.0
Agusan del Sur	2.3	2.0	1.6	1.0	1.0	0.3	0.2	0.3	0.1	..
Dinagat Islands	..	..	..	..	..	0.4	0.2	0.2	0.1	0.2
Surigao del Norte	21.9	19.7	6.8	3.5	2.2	1.8	2.2	1.6	1.5	1.4
Surigao del Sur	14.7	14.0	15.2	5.5	6.6	6.1	5.5	5.6	5.7	4.9
ARMM	1,716.4	36.1	226.1	204.5	4.6	4.3	4.5	3.6	3.6	3.6
Basilan	0.3	..	..	..	..	..	..	..	..	..
Lanao del Sur	6.1	6.1	6.1	4.5	4.6	4.3	4.5	3.6	3.6	3.6
Maguindanao	..	30.0	..	..	..	..	..	..	..	..
Sulu	1,710.0	..	220.0	200.0	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mango										
Philippines	**884,011.3**	**771,441.4**	**825,676.1**	**788,073.6**	**768,409.6**	**816,378.4**	**885,038.1**	**902,739.4**	**814,055.4**	**737,032.4**
CAR	3,704.8	3,737.7	3,721.2	3,709.1	3,317.6	3,421.8	3,609.8	3,332.4	3,101.6	2,878.0
Abra	415.9	420.9	428.5	422.6	427.2	435.8	673.5	723.8	790.5	1,096.8
Apayao	18.3	15.3	20.6	19.5	18.8	16.3	23.3	25.0	25.9	8.9
Benguet	2,401.0	2,415.1	2,382.1	2,377.0	1,985.9	2,012.0	1,911.4	1,591.6	1,276.3	1,251.5
Ifugao	644.3	640.1	643.4	637.6	643.8	648.8	660.8	645.5	653.1	364.7
Kalinga	96.7	92.6	88.4	86.3	79.7	148.8	183.7	204.0	205.6	15.0
Mountain Province	128.6	153.7	158.2	166.2	162.3	160.2	157.2	142.6	150.2	141.1
Ilocos Region	382,569.4	293,992.7	290,975.0	276,661.1	265,162.9	260,524.2	271,090.5	259,533.4	209,375.4	194,042.3
Ilocos Norte	31,649.5	30,581.6	29,328.9	32,526.2	31,965.8	34,093.0	35,138.3	34,367.2	33,120.0	32,166.8
Ilocos Sur	7,305.0	7,140.4	7,267.9	7,450.4	7,494.1	8,216.9	8,453.5	8,464.1	8,281.2	8,149.2
La Union	10,223.1	8,962.2	9,797.9	9,886.5	10,018.0	12,798.6	15,132.4	16,984.1	11,955.3	11,543.5
Pangasinan	333,391.9	247,308.4	244,580.3	226,798.0	215,685.1	205,415.7	212,366.3	199,718.1	156,018.8	142,182.9
Cagayan Valley	66,208.7	37,910.3	58,781.2	46,438.5	34,919.9	47,961.6	53,690.7	50,162.6	60,854.7	48,625.0
Batanes	..	..	..	..	175.1	179.2	121.0	51.3	16.3	0.9
Cagayan	5,459.1	4,121.4	10,080.9	12,102.5	9,700.3	11,462.7	12,817.7	13,754.7	12,949.2	6,244.5
Isabela	49,545.9	23,703.3	31,730.1	18,153.0	12,768.6	18,838.4	23,259.6	27,954.9	25,402.8	20,794.8
Nueva Vizcaya	7,718.0	6,997.0	12,463.0	12,528.5	12,276.0	15,906.5	15,715.4	6,841.2	21,276.6	20,531.7
Quirino	3,485.7	3,088.6	4,507.2	3,654.5	..	1,574.8	1,777.0	1,560.5	1,209.9	1,053.2
Central Luzon	68,314.1	58,453.0	64,400.8	64,052.9	59,828.3	70,500.4	68,966.3	68,812.7	61,997.7	48,957.2
Aurora	..	..	11.5	12.1	13.7	15.4	15.6	15.7	12.6	9.2
Bataan	5,550.0	5,184.0	5,203.7	4,781.0	4,370.0	3,878.0	4,092.5	3,792.0	3,545.0	3,609.2
Bulacan	10,621.0	4,010.0	10,238.0	7,944.8	6,444.2	8,878.0	8,675.0	8,794.0	8,659.0	9,011.0
Nueva Ecija	15,091.8	14,266.8	14,084.6	14,936.4	14,249.4	14,351.1	13,979.0	14,198.1	14,291.7	10,866.8
Pampanga	5,048.3	4,951.5	4,903.8	4,989.0	4,963.7	5,767.1	5,507.5	6,030.7	5,755.1	5,276.9
Tarlac	18,265.6	17,613.5	16,400.9	16,881.7	16,750.4	19,061.3	15,182.4	12,130.4	11,620.1	6,405.1
Zambales	13,737.4	12,427.2	13,558.3	14,507.8	13,037.0	18,549.6	21,514.2	23,851.9	18,114.3	13,779.0
CALABARZON	40,886.9	42,385.2	44,913.9	58,627.8	55,215.2	54,291.3	59,473.5	59,040.8	50,464.7	41,195.1
Batangas	26,731.6	28,881.6	30,111.9	43,449.5	39,105.2	36,755.0	40,923.0	43,686.4	36,701.1	30,351.9
Cavite	5,354.4	5,291.0	5,100.1	4,960.9	6,203.1	5,585.8	5,678.2	5,002.9	4,569.4	2,709.9
Laguna	502.2	475.9	514.2	516.4	497.7	506.2	556.9	42.6	163.9	164.7
Quezon	7,153.2	6,741.9	8,164.5	8,510.5	8,233.0	10,307.3	11,074.4	8,535.9	7,628.5	6,857.6
Rizal	1,145.5	994.9	1,023.2	1,190.5	1,176.1	1,137.0	1,241.1	1,773.0	1,401.8	1,111.0
MIMAROPA	8,022.0	8,332.7	9,551.2	9,582.3	9,805.1	10,161.7	11,838.5	12,864.4	14,939.1	15,399.1
Marinduque	60.3	59.7	79.9	75.6	69.3	64.8	69.1	67.3	53.6	46.5
Occidental Mindoro	1,480.1	1,529.7	1,603.0	1,537.9	1,476.1	1,605.0	1,712.3	1,675.8	1,670.8	1,602.7
Oriental Mindoro	78.3	75.4	82.0	79.6	76.5	78.2	92.4	111.3	75.1	46.3
Palawan	5,807.3	5,986.1	6,915.8	7,020.4	7,249.8	7,501.4	9,019.5	9,958.6	12,106.2	12,712.3
Romblon	596.0	681.7	870.5	868.8	933.5	912.2	945.2	1,051.4	1,033.3	991.3
Bicol Region	1,438.1	1,409.5	1,515.5	1,398.5	1,473.9	1,532.4	1,592.0	1,684.2	1,887.7	1,879.4
Albay	9.0	9.3	9.9	8.9	9.3	9.0	10.3	10.0	10.6	9.6
Camarines Norte	640.0	640.0	618.0	636.0	656.0	675.8	646.5	679.5	932.9	948.1
Camarines Sur	16.6	6.7	88.5	80.6	83.4	98.3	116.3	124.4	132.3	112.8
Catanduanes	5.6	5.5	5.8	5.6	5.4	5.4	5.2	5.3	5.1	3.8
Masbate	466.3	491.9	520.5	446.9	491.6	498.1	544.8	567.8	539.4	520.5
Sorsogon	300.6	256.2	272.8	220.5	228.2	245.9	268.9	297.2	267.3	284.6
Western Visayas	46,421.4	44,486.7	50,446.5	45,343.9	45,868.5	47,948.5	44,507.3	51,972.4	50,062.2	48,852.5
Aklan	822.6	789.2	830.9	1,000.0	1,006.7	1,058.1	1,066.1	1,158.9	1,251.9	1,250.4
Antique	1,900.0	1,716.2	1,812.3	1,635.6	1,538.5	1,538.6	1,391.5	1,331.4	1,138.7	1,344.1
Capiz	207.1	202.7	242.2	238.4	238.0	246.6	100.3	137.5	133.4	129.1
Guimaras	7,536.7	7,247.7	7,971.3	8,701.1	9,194.9	10,138.0	10,025.7	11,839.6	11,075.1	11,238.8
Iloilo	21,869.6	20,923.9	25,852.5	23,125.8	23,537.8	24,643.6	21,443.0	25,873.8	25,153.7	24,053.7
Negros Occidental	14,085.3	13,607.1	13,737.3	10,643.0	10,352.7	10,323.7	10,480.7	11,631.3	11,309.5	10,836.5
Central Visayas	65,818.2	65,293.0	71,021.3	65,001.2	67,655.1	71,583.6	75,053.8	86,283.0	66,538.9	68,218.6
Bohol	11,682.4	10,892.8	12,192.5	9,565.4	9,785.0	9,551.4	9,745.3	11,610.9	9,963.6	9,609.2
Cebu	36,775.5	39,375.5	43,270.6	41,874.2	43,025.8	43,646.7	45,485.9	53,269.9	40,831.4	42,019.0
Negros Oriental	16,734.4	14,375.3	14,854.9	13,030.6	14,282.6	17,881.2	18,996.5	20,512.4	14,950.3	15,917.0
Siquijor	625.9	649.5	703.3	531.0	561.7	504.3	826.2	889.8	793.6	673.4
Eastern Visayas	828.2	904.3	902.4	884.7	882.7	847.5	517.6	506.3	504.2	485.0
Biliran	77.3	86.8	90.5	90.1	90.2	86.3	75.9	76.5	94.6	86.6
Eastern Samar	74.5	75.9	77.5	76.6	80.2	93.8	76.9	48.6	32.5	29.3
Leyte	414.8	481.2	472.4	459.2	450.1	423.6	128.0	141.1	152.0	144.4
Northern Samar	58.1	59.8	61.7	63.3	64.9	66.5	68.1	63.7	56.1	55.6
Southern Leyte	44.2	45.7	45.1	45.0	44.5	44.0	40.9	41.7	40.1	41.0
Samar (Western Sama	159.4	154.9	155.3	150.6	152.8	133.5	127.9	134.6	128.9	128.1
Zamboanga Peninsula	53,113.5	57,809.4	74,024.6	78,410.6	80,865.7	92,445.0	109,533.8	116,211.2	114,910.4	86,425.3
Zamboanga del Norte	19,157.6	23,431.4	39,940.2	45,322.1	48,654.5	59,896.9	69,523.8	75,986.4	75,965.6	55,779.0
Zamboanga del Sur	13,489.0	14,108.0	14,050.6	12,819.6	11,325.5	11,551.2	14,948.2	14,938.5	14,461.2	7,539.2
Zamboanga Sibugay	3,188.3	3,347.7	3,183.7	2,901.8	3,355.7	3,321.0	4,932.4	5,167.7	5,278.0	5,410.2
Zamboanga City	17,278.7	16,922.2	16,850.1	17,367.0	17,529.9	17,675.9	20,129.4	20,118.6	19,205.6	17,696.9
Northern Mindanao	33,251.3	35,869.2	37,592.7	35,520.6	38,169.2	44,694.6	45,224.3	50,680.5	50,752.8	49,548.3
Bukidnon	5,545.0	4,383.0	4,589.0	3,752.0	3,449.5	3,298.3	3,002.0	3,023.4	3,119.7	3,077.9
Camiguin	228.7	213.9	220.8	226.6	222.8	280.1	299.1	281.3	263.7	255.3
Lanao del Norte	3,460.5	3,496.0	3,834.0	4,032.0	4,599.0	4,873.0	5,253.3	5,648.0	5,833.5	5,756.8
Misamis Occidental	14,378.2	17,668.7	18,421.9	19,068.1	19,196.9	19,086.1	19,658.2	23,947.7	24,081.9	23,543.5
Misamis Oriental	9,638.9	10,107.5	10,527.0	8,442.0	10,701.0	17,157.2	17,011.9	17,780.2	17,454.0	16,914.9
Davao Region	36,595.2	37,047.6	33,907.9	29,730.1	31,802.7	32,171.5	53,668.0	54,335.8	52,764.5	52,336.6
Davao del Norte	2,536.8	2,569.4	2,651.5	2,666.1	2,708.0	2,717.0	2,816.0	3,104.2	3,094.7	3,015.6
Davao del Sur	23,232.2	23,518.0	20,335.7	17,970.3	20,608.0	21,426.6	42,296.0	41,975.0	40,654.4	40,599.3
Davao Oriental	1,263.6	1,302.5	1,338.4	1,410.3	1,667.8	1,688.9	2,024.5	2,181.3	2,139.7	2,162.1
Compostela Valley	1,443.7	1,332.6	1,534.5	804.0	612.9	274.8	449.4	452.1	390.0	293.2
Davao City	8,119.0	8,325.0	8,047.8	6,879.4	6,206.1	6,064.3	6,082.1	6,623.2	6,485.8	6,266.5
SOCCSKSARGEN	47,515.6	53,654.9	56,263.5	52,329.8	53,404.6	55,051.9	59,712.4	58,595.1	46,901.7	47,797.2
North Cotabato	24,629.2	29,456.7	30,153.5	28,524.2	28,022.3	28,155.5	29,448.0	28,255.1	23,158.2	24,686.1
Sarangani	3,913.0	4,148.5	4,610.7	4,917.0	5,998.7	7,134.6	8,017.4	8,173.5	8,043.7	8,712.2
South Cotabato	16,675.9	17,707.4	19,089.4	16,619.9	17,026.9	17,279.7	19,562.5	19,501.3	13,356.8	12,441.4
Sultan Kudarat	2,297.4	2,342.3	2,410.1	2,268.7	2,356.7	2,482.1	2,684.5	2,665.3	2,343.0	1,957.5
Caraga	17,230.5	15,403.6	15,520.5	12,156.2	12,606.6	15,562.1	15,699.8	17,227.7	17,120.7	18,194.7
Agusan del Norte	16,097.0	14,181.6	14,440.7	11,186.7	11,687.1	14,497.9	14,740.4	15,850.7	15,989.0	17,100.1
Agusan del Sur	188.9	276.7	242.1	212.4	252.5	270.7	223.4	243.1	291.8	215.0
Dinagat Islands	..	..	..	..	..	30.3	19.2	33.5	33.4	29.1
Surigao del Norte	457.1	423.8	350.3	288.0	154.0	182.2	155.8	545.3	277.6	291.8
Surigao del Sur	487.5	521.5	487.4	469.2	513.1	581.0	561.0	555.2	529.0	558.8
ARMM	12,093.6	14,751.8	12,137.8	8,226.3	7,431.5	7,680.2	10,859.8	11,496.9	11,879.3	12,198.1
Basilan	218.6	218.4	227.2	218.9	210.4	201.0	205.5	210.1	190.6	173.6
Lanao del Sur	118.1	117.1	116.5	115.7	114.1	107.3	112.7	119.2	119.3	120.3
Maguindanao	3,172.2	4,308.3	4,319.2	2,080.5	4,688.9	5,077.2	8,172.0	8,679.6	9,233.0	9,743.0
Sulu	8,096.4	9,616.4	6,969.5	5,333.0	1,933.4	1,803.9	1,834.2	1,940.5	1,777.1	1,592.2
Tawi-tawi	488.4	491.6	505.5	478.2	484.6	490.8	535.4	547.4	559.3	569.1

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mango Carabao										
Philippines	**712,409.1**	**621,279.5**	**669,519.8**	**638,953.6**	**630,596.0**	**671,929.4**	**730,140.4**	**740,238.6**	**659,014.3**	**598,713.5**
CAR	3,605.0	3,635.0	3,615.6	3,595.0	3,204.4	3,283.3	3,465.4	3,204.0	2,970.9	2,792.7
Abra	415.9	420.9	428.5	422.6	427.2	435.8	673.5	723.8	790.5	1,096.8
Apayao	10.9	8.5	13.0	12.0	11.5	10.0	16.8	18.3	18.9	4.3
Benguet	2,401.0	2,415.1	2,382.1	2,377.0	1,985.9	2,012.0	1,911.4	1,591.6	1,276.3	1,251.5
Ifugao	625.2	622.0	624.3	620.3	625.4	630.2	638.3	623.6	630.5	349.3
Kalinga	63.0	60.0	57.0	56.0	52.0	98.0	130.0	160.0	165.0	8.0
Mountain Province	89.0	108.5	110.8	107.1	102.4	97.3	95.5	86.8	89.8	82.8
Ilocos Region	331,627.9	254,565.4	252,693.9	238,221.8	226,937.6	221,046.9	231,810.0	221,254.8	171,500.0	158,487.0
Ilocos Norte	19,942.1	19,329.1	18,490.4	20,291.8	19,952.6	21,505.9	22,711.4	22,238.8	21,590.5	20,992.5
Ilocos Sur	5,484.8	5,258.2	5,146.9	4,988.3	4,852.4	5,333.3	5,520.2	5,450.8	5,346.2	5,331.4
La Union	9,524.8	8,387.3	9,253.8	9,340.8	9,469.0	12,208.8	14,551.4	16,424.4	11,464.7	11,020.9
Pangasinan	296,676.2	221,590.8	219,802.8	203,600.9	192,663.5	181,998.8	189,027.0	177,140.8	133,098.6	121,142.2
Cagayan Valley	46,719.5	28,592.0	42,591.4	32,500.8	26,461.4	37,066.5	40,672.3	35,987.7	46,396.4	39,171.2
Batanes	..	..	..	..	65.5	67.5	43.8	18.5	6.7	0.3
Cagayan	3,580.6	2,856.0	5,354.7	6,535.7	5,185.4	6,277.3	7,128.8	7,647.7	6,135.0	2,680.6
Isabela	34,273.0	17,753.2	23,962.7	13,153.1	10,494.6	15,995.5	18,694.0	22,371.2	20,403.1	17,381.1
Nueva Vizcaya	6,868.0	6,207.0	10,854.4	10,858.5	10,716.0	13,931.1	13,883.8	5,165.4	19,242.8	18,572.3
Quirino	1,997.9	1,775.9	2,419.6	1,953.4	..	795.0	922.0	785.0	608.9	537.0
Central Luzon	52,582.3	44,538.2	49,576.4	49,781.1	46,762.7	56,565.6	54,237.3	52,698.1	47,654.3	34,862.6
Aurora	..	..	5.0	5.3	5.8	6.1	6.3	6.0	4.8	2.5
Bataan	1,898.0	1,830.0	1,836.0	1,690.0	1,550.0	1,400.0	1,538.5	1,430.0	1,330.0	1,280.8
Bulacan	8,538.0	3,101.0	8,515.0	6,580.8	5,327.2	7,370.0	7,200.0	7,298.0	7,180.0	7,473.0
Nueva Ecija	10,245.0	9,566.7	9,473.1	10,099.2	9,465.2	9,523.1	9,231.4	9,402.8	9,381.2	5,690.7
Pampanga	2,115.0	2,102.0	2,175.0	2,490.0	2,780.0	4,204.0	4,200.0	4,798.0	4,593.4	4,234.5
Tarlac	18,211.8	17,560.7	16,352.5	16,832.9	16,706.6	19,015.5	15,141.2	12,092.3	11,582.8	6,366.8
Zambales	11,574.5	10,377.8	11,219.7	12,083.0	10,927.9	15,046.8	16,919.9	17,671.0	13,582.0	9,814.3
CALABARZON	22,677.3	24,656.8	26,758.4	39,107.7	37,206.7	36,265.6	39,047.7	36,423.2	29,630.1	23,781.3
Batangas	17,143.0	19,262.8	20,302.9	32,240.0	28,999.4	27,450.0	29,920.0	29,005.0	22,841.0	18,636.9
Cavite	2,282.7	2,312.4	2,230.0	2,162.5	3,623.0	3,274.0	3,295.0	2,820.5	2,692.0	1,498.5
Laguna	180.5	166.0	182.6	182.7	173.6	173.7	191.1	6.1	9.2	8.7
Quezon	2,926.6	2,775.6	3,898.4	4,213.7	4,121.8	5,085.8	5,334.8	4,134.5	3,754.2	3,397.5
Rizal	144.5	140.0	144.5	308.8	289.0	282.0	306.8	457.0	333.8	239.7
MIMAROPA	4,883.8	5,121.0	6,025.3	6,103.1	6,285.9	6,552.7	7,996.9	8,833.0	10,925.5	11,413.9
Marinduque	10.2	10.1	28.5	27.4	26.6	26.2	28.3	27.6	21.5	20.5
Occidental Mindoro	1,044.0	1,075.3	1,129.0	1,083.0	1,034.4	1,120.1	1,185.2	1,157.8	1,146.4	1,095.8
Oriental Mindoro	26.9	26.2	28.6	27.9	26.8	27.5	34.2	41.4	31.4	19.2
Palawan	3,719.6	3,907.5	4,659.0	4,782.4	5,000.0	5,187.3	6,540.4	7,381.2	9,509.8	10,075.9
Romblon	83.1	101.8	180.3	182.4	198.0	191.7	208.8	225.0	216.4	202.5
Bicol Region	251.7	260.3	285.3	237.6	260.8	263.5	287.5	299.9	287.5	277.5
Albay	..	..	0.5	0.4	0.4	0.4	0.9	0.8	0.8	0.7
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	6.1	1.4	11.5	10.1	10.4	12.0	14.0	14.4	16.5	14.8
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	223.9	239.9	253.8	211.8	234.3	234.0	254.5	264.7	251.8	242.0
Sorsogon	21.4	18.6	19.5	15.4	15.7	17.2	18.2	20.0	18.4	19.9
Western Visayas	43,095.4	41,084.7	46,937.3	41,551.0	42,020.8	43,994.2	40,587.4	47,517.2	45,571.3	44,335.3
Aklan	128.6	111.2	122.1	183.7	186.1	214.1	204.3	208.8	209.8	209.7
Antique	1,865.8	1,684.1	1,777.7	1,604.6	1,509.8	1,509.5	1,365.4	1,303.4	1,114.3	1,313.8
Capiz	99.5	100.5	120.6	118.5	118.0	122.8	49.7	65.1	60.5	56.8
Guimaras	7,505.1	7,218.0	7,938.5	8,667.0	9,162.4	10,100.6	9,974.3	11,754.7	10,994.4	11,157.3
Iloilo	21,575.3	20,548.9	25,447.0	22,665.0	23,100.0	24,039.0	20,912.0	25,200.0	24,370.0	23,125.0
Negros Occidental	11,921.1	11,422.1	11,531.4	8,312.2	7,944.5	8,008.2	8,081.7	8,985.3	8,822.3	8,472.7
Central Visayas	59,630.9	59,657.4	65,276.1	59,895.3	62,245.5	65,635.1	68,647.7	79,157.3	60,616.6	62,440.1
Bohol	11,479.0	10,697.5	11,986.2	9,366.0	9,582.3	9,349.5	9,482.0	11,288.6	9,757.9	9,430.4
Cebu	35,334.9	37,875.2	41,748.5	40,449.2	41,444.7	42,033.4	43,721.7	51,057.4	38,727.5	39,850.9
Negros Oriental	12,567.4	10,813.1	11,219.4	9,841.2	10,955.5	14,016.5	14,905.9	16,214.9	11,590.1	12,707.6
Siquijor	249.4	271.6	322.0	238.9	263.0	235.8	538.0	596.4	541.1	451.2
Eastern Visayas	403.4	457.0	460.3	449.0	447.7	437.7	227.5	238.5	244.9	231.4
Biliran	40.3	44.6	47.9	47.6	47.7	45.3	40.3	40.6	46.3	39.2
Eastern Samar	2.2	2.2	2.2	2.3	2.6	4.3	3.6	3.1	2.8	1.9
Leyte	271.2	319.6	313.7	305.8	299.4	284.7	82.2	89.5	98.4	93.1
Northern Samar	22.5	23.2	24.0	24.7	25.3	26.0	26.7	25.5	22.1	21.9
Southern Leyte	8.3	8.5	8.5	8.5	8.4	8.5	8.1	8.3	8.2	8.5
Samar (Western Sama	58.9	58.9	64.0	60.2	64.2	68.9	66.6	71.5	67.2	66.9
Zamboanga Peninsula	36,761.3	40,632.6	55,911.6	60,609.6	62,955.7	74,043.3	87,189.8	92,064.1	91,852.8	68,648.0
Zamboanga del Norte	14,957.8	18,346.7	32,950.3	37,880.0	40,677.3	51,383.5	59,133.7	64,248.4	64,886.6	47,489.0
Zamboanga del Sur	6,846.3	7,461.2	8,141.3	7,743.6	6,549.4	6,753.5	8,619.4	8,487.1	8,082.3	3,449.5
Zamboanga Sibugay	2,142.6	2,352.5	2,233.1	2,017.3	2,575.6	2,579.6	3,754.3	3,739.2	3,759.2	3,775.1
Zamboanga City	12,814.7	12,472.2	12,586.9	12,968.8	13,153.5	13,326.7	15,682.4	15,589.4	15,124.8	13,934.3
Northern Mindanao	30,301.1	32,975.0	34,613.0	32,661.7	35,273.8	41,756.4	42,257.6	47,511.8	47,460.9	46,300.5
Bukidnon	5,140.0	4,080.0	4,290.0	3,490.0	3,238.0	3,120.0	2,845.0	2,866.0	2,957.6	2,920.0
Camiguin	151.3	136.5	137.3	142.6	137.8	194.4	225.6	211.0	185.3	167.5
Lanao del Norte	1,708.0	1,725.0	2,035.0	2,210.0	2,765.0	3,050.0	3,410.3	3,698.0	3,774.0	3,716.0
Misamis Occidental	14,186.7	17,456.5	18,212.8	18,847.0	18,971.0	18,845.0	19,401.8	23,621.8	23,743.0	23,210.0
Misamis Oriental	9,115.2	9,577.0	9,937.9	7,972.1	10,162.0	16,547.0	16,375.0	17,115.0	16,801.0	16,287.0
Davao Region	29,812.1	30,223.7	27,200.9	23,952.7	26,459.7	26,920.6	48,204.9	48,720.7	47,212.3	46,861.5
Davao del Norte	1,799.2	1,821.6	1,894.0	1,913.0	1,947.1	1,955.2	2,039.3	2,284.2	2,275.6	2,216.1
Davao del Sur	21,772.0	22,039.8	18,864.6	16,550.9	19,167.6	19,923.2	40,643.9	40,334.7	39,023.7	38,974.9
Davao Oriental	1,042.4	1,089.9	1,115.3	1,137.9	1,253.6	1,267.2	1,580.4	1,650.1	1,612.7	1,631.6
Compostela Valley	1,064.9	995.5	1,054.3	634.9	469.3	233.6	388.0	377.0	325.1	258.6
Davao City	4,133.6	4,276.9	4,272.7	3,716.0	3,622.1	3,541.5	3,553.5	4,074.7	3,975.3	3,780.2
SOCCSKSARGEN	36,500.1	42,229.2	44,413.4	41,047.7	42,316.9	43,896.3	48,121.1	47,222.9	37,540.6	38,614.4
North Cotabato	16,300.9	20,724.1	21,169.4	19,887.3	19,591.7	19,702.2	20,855.5	19,876.9	15,853.8	17,362.7
Sarangani	3,463.5	3,763.8	4,265.8	4,599.3	5,702.0	6,810.3	7,687.0	7,841.0	7,720.0	8,382.0
South Cotabato	14,638.6	15,572.4	16,742.6	14,462.3	14,829.3	15,068.7	17,067.7	17,019.6	11,800.8	11,089.1
Sultan Kudarat	2,097.1	2,169.0	2,235.7	2,098.9	2,193.8	2,315.1	2,510.9	2,485.5	2,166.0	1,780.6
Caraga	11,804.4	10,308.7	10,939.5	9,040.3	9,485.1	12,044.9	12,315.3	13,790.5	13,639.0	14,820.5
Agusan del Norte	11,531.0	9,952.3	10,625.1	8,760.4	9,176.5	11,718.6	12,042.2	13,112.7	13,199.0	14,396.0
Agusan del Sur	171.8	256.9	230.5	202.0	241.6	246.6	196.5	202.3	227.3	198.4
Dinagat Islands	..	..	..	..	..	9.1	1.2	4.1	3.0	3.1
Surigao del Norte	87.6	82.0	70.7	64.5	43.0	44.1	46.5	443.0	182.5	199.2
Surigao del Sur	14.0	17.5	13.2	13.5	24.0	26.5	29.0	28.4	27.3	23.9
ARMM	1,753.1	2,342.4	2,221.5	199.3	2,271.5	2,156.9	5,071.9	5,314.8	5,511.4	5,675.9
Basilan	67.4	67.5	68.8	65.4	61.1	58.0	59.2	60.7	57.4	51.7
Lanao del Sur	67.4	67.5	67.2	66.2	64.4	62.9	66.4	69.5	69.2	69.9
Maguindanao	1,600.0	2,185.0	2,057.5	33.0	2,105.0	1,985.0	4,882.0	5,116.0	5,306.5	5,465.0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	18.4	22.5	28.0	34.7	41.0	51.0	64.2	68.7	78.3	89.3

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mangosteen										
Philippines	**865.7**	**1,567.0**	**5,552.6**	**683.3**	**3,209.4**	**3,303.0**	**2,685.6**	**3,400.4**	**2,522.2**	**1,171.3**
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	0.0	..	..
Ilocos Norte	..	..	..	..	..	..	..	0.0	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	57.9	52.4	55.9	48.0	42.8	53.9	35.2	36.2	30.8	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	0.5	1.0	1.1	0.4	0.5	0.4	..
Quezon	57.9	52.4	55.9	47.5	41.8	52.8	34.8	35.7	30.4	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	1.1	1.1	1.2	1.1	1.2	1.2	1.9	2.0	1.7	1.7
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.2	0.9	0.7
Palawan	..	..	..	..	..	..	0.7	0.8	0.9	1.0
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	248.0	220.0	235.2	21.5	30.9	22.9	28.0	29.2	29.2	25.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	248.0	220.0	235.2	21.5	30.9	22.9	28.0	29.2	29.2	25.0
Central Visayas	5.9	8.5	11.6	8.3	9.6	10.9	9.9	11.4	9.9	0.5
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	5.9	8.5	11.6	8.3	9.6	10.9	9.9	11.4	9.9	0.5
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	28.3	153.7	954.5	24.2	287.6	24.6	146.1	977.6	545.8	19.1
Zamboanga del Norte	8.9	135.5	938.2	18.9	279.6	15.6	139.4	954.1	524.5	..
Zamboanga del Sur	12.3	10.2	7.3	2.7	2.6	2.4	2.3	2.2	1.0	..
Zamboanga Sibugay	4.2	4.9	6.0	..	2.8	3.9	1.7	18.0	17.2	16.1
Zamboanga City	2.9	3.1	3.0	2.6	2.6	2.7	2.7	3.3	3.1	3.0
Northern Mindanao	119.4	134.1	184.0	68.7	65.7	66.6	60.5	66.3	58.1	35.7
Bukidnon	53.0	51.5	63.0	37.0	21.0	16.0	11.8	13.0	15.5	15.9
Camiguin	0.0	0.0	0.0	..	..	..	..	..	..	..
Lanao del Norte	26.8	26.7	25.0	23.9	26.0	27.5	28.6	28.0	21.5	..
Misamis Occidental	37.6	50.4	81.8	7.8	13.2	8.1	6.1	9.9	6.5	6.2
Misamis Oriental	2.0	5.5	14.2	..	5.5	15.0	14.0	15.4	14.6	13.6
Davao Region	368.5	405.6	700.8	479.5	363.8	302.3	447.5	461.2	344.7	219.4
Davao del Norte	106.1	114.5	145.9	132.7	100.1	109.3	149.8	161.4	154.0	139.2
Davao del Sur	17.0	21.2	7.6	3.5	3.3	3.2	3.3	0.5	0.5	0.5
Davao Oriental	..	..	..	1.6	0.7	0.4	0.7	1.2	1.2	1.2
Compostela Valley	149.3	176.4	368.1	284.0	220.9	88.2	104.4	108.6	68.7	51.1
Davao City	96.1	93.5	179.2	57.8	38.9	101.1	189.3	189.5	120.3	27.4
SOCCSKSARGEN	4.1	21.4	835.4	12.0	374.2	710.3	842.4	652.2	431.5	13.9
North Cotabato	3.5	19.8	826.5	2.9	364.8	695.6	827.4	629.2	414.8	..
Sarangani	0.5	1.4	3.6	4.9	5.4	5.9	5.9	6.7	5.1	4.7
South Cotabato	..	..	5.1	4.2	3.9	8.6	8.9	16.1	11.4	9.2
Sultan Kudarat	0.1	0.2	0.2	0.1	0.2	0.2	0.3	0.3	0.2	..
Caraga	11.6	11.8	15.7	4.8	37.8	62.8	56.9	166.7	204.3	29.9
Agusan del Norte	..	..	1.6	0.5	0.2	7.5	4.0	1.7	1.2	..
Agusan del Sur	10.6	10.9	13.4	4.0	9.9	31.0	33.2	143.5	184.6	12.8
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	1.1	1.0	0.8	0.3	0.2	1.3	1.0	0.4	0.3	0.1
Surigao del Sur	..	..	..	..	27.5	23.0	18.8	21.1	18.3	17.0
ARMM	21.0	558.4	2,558.5	15.2	1,995.8	2,047.6	1,057.3	997.7	866.2	826.2
Basilan	..	1.0	3.7	..	..	1.8	2.0	2.1	..	..
Lanao del Sur	16.0	15.1	14.6	15.2	15.8	15.3	14.2	14.1	14.1	14.4
Maguindanao	..	..	0.2	..	..	0.5	1.1	1.5	1.5	1.2
Sulu	5.0	542.3	2,540.0	..	1,980.0	2,030.0	1,040.0	980.0	850.0	810.0
Tawi-tawi	..	..	..	..	..	..	..	..	0.7	0.5

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Orange										
Philippines	**4,870.1**	**4,662.6**	**4,336.5**	**3,984.0**	**3,826.7**	**3,513.4**	**3,324.7**	**3,219.3**	**2,860.6**	**2,634.1**
CAR	1,012.8	990.5	933.2	892.9	861.8	842.3	838.6	781.7	675.0	612.6
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	3.1	3.3	3.5	2.9	3.2	3.8	4.4	4.6	3.8	3.6
Benguet	810.1	796.7	757.9	741.0	734.0	738.1	747.2	705.0	616.5	556.2
Ifugao	18.2	20.4	17.3	17.7	16.8	16.4	16.7	16.7	17.0	15.8
Kalinga	23.8	24.4	23.3	24.2	17.7	11.0	10.3	8.6	2.1	4.1
Mountain Province	157.7	145.7	131.2	107.1	90.1	73.1	60.1	46.9	35.7	32.9
Ilocos Region	49.6	40.8	34.9	29.8	26.0	22.4	17.4	15.2	12.0	10.9
Ilocos Norte	26.6	22.5	18.3	14.4	11.7	10.2	9.3	7.4	4.6	3.2
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	19.1	14.9	13.4	12.4	11.4	9.6	5.5	5.4	5.2	5.7
Pangasinan	3.9	3.5	3.2	3.0	2.9	2.7	2.6	2.5	2.3	2.0
Cagayan Valley	959.6	940.3	824.3	722.1	681.8	637.1	589.8	602.2	566.3	564.9
Batanes	..	..	..	..	9.3	1.8	1.1	0.3	0.1	0.0
Cagayan	20.7	13.9	12.5	10.8	10.2	10.0	10.3	9.0	5.6	3.6
Isabela	168.3	167.0	153.6	109.2	94.8	102.5	108.1	108.7	108.5	106.6
Nueva Vizcaya	712.3	691.9	603.3	558.1	526.5	480.4	427.2	444.3	416.8	435.2
Quirino	58.3	67.5	55.0	44.0	41.0	42.5	43.0	40.0	35.4	19.5
Central Luzon	78.7	46.8	39.4	31.4	23.7	22.2	21.7	14.4	6.2	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	43.5	16.1	11.9	5.8	..	..	..	..	..	..
Zambales	35.2	30.7	27.6	25.7	23.7	22.2	21.7	14.4	6.2	..
CALABARZON	38.5	75.0	65.1	55.6	46.2	19.0	9.2	8.7	6.8	4.8
Batangas	5.0	45.0	40.0	38.0	30.0	5.0	1.0	0.8	0.5	0.3
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	33.5	30.0	25.1	17.6	16.2	14.0	8.2	7.9	6.3	4.5
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	11.4	9.5	9.4	7.5	7.5	7.5	8.6	9.0	8.8	9.3
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	9.8	9.5	9.4	7.5	7.5	7.5	8.6	9.0	8.8	9.3
Romblon	1.6	..	..	..	..	..	..	..	..	..
Bicol Region	989.3	947.7	915.0	903.3	912.0	920.6	898.6	917.1	797.4	701.2
Albay	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3
Camarines Norte	795.0	760.0	724.0	711.0	718.0	730.3	728.1	743.1	660.0	592.4
Camarines Sur	167.9	161.2	164.1	165.7	167.5	164.2	147.7	150.2	114.6	91.7
Catanduanes	13.7	13.4	13.5	13.4	13.1	12.9	11.9	12.3	12.0	6.0
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	12.2	12.6	12.9	12.7	12.9	12.8	10.5	11.1	10.5	10.8
Western Visayas	46.2	47.4	47.3	44.5	46.8	21.3	21.6	19.9	19.6	1.8
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	18.6	19.6	21.0	19.6	20.9	..	..	..	..	..
Guimaras	1.3	1.4	1.2	1.2	1.5	1.5	1.6	1.1	1.2	1.1
Iloilo	3.6	2.8	2.4	2.0	1.7	1.5	1.3	0.9	0.9	0.7
Negros Occidental	22.8	23.7	22.8	21.7	22.7	18.3	18.7	17.9	17.5	..
Central Visayas	12.2	11.1	7.8	6.8	6.9	5.6	5.3	3.1	2.9	3.0
Bohol	12.2	11.1	7.8	6.8	6.9	5.6	5.3	3.1	2.9	3.0
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	108.7	113.3	111.1	107.7	107.9	99.8	54.3	47.3	41.7	33.6
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	41.4	41.6	41.1	41.2	40.8	35.4	29.8	22.4	14.9	6.7
Leyte	63.9	68.4	66.7	63.5	64.0	61.5	21.8	22.6	24.5	24.7
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	3.5	3.4	3.2	3.1	3.2	2.9	2.7	2.4	2.3	2.2
Zamboanga Peninsula	59.7	52.0	48.7	47.9	50.0	37.4	29.6	27.0	21.6	19.5
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	53.6	46.6	47.1	47.9	50.0	37.4	29.6	27.0	21.6	19.5
Zamboanga Sibugay	6.1	5.4	1.7	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	135.7	135.9	133.7	94.8	103.2	98.9	87.6	79.3	66.6	61.0
Bukidnon	70.0	74.0	79.0	45.0	57.0	58.0	53.0	47.0	43.0	41.0
Camiguin	1.2	1.5	2.3	5.5	7.2	8.2	7.9	8.6	8.9	9.9
Lanao del Norte	42.5	39.5	35.5	32.8	30.4	28.2	25.5	22.6	13.5	8.9
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	22.0	20.9	17.0	11.5	8.6	4.5	1.3	1.1	1.2	1.2
Davao Region	1,088.8	1,027.7	950.2	871.3	813.3	644.3	611.3	560.5	520.5	488.8
Davao del Norte	64.5	60.8	59.6	57.3	55.0	52.2	50.1	49.3	47.9	46.3
Davao del Sur	19.8	17.6	14.6	13.1	11.9	13.0	12.6	11.6	11.6	11.7
Davao Oriental	166.1	126.5	112.6	90.8	87.8	80.6	76.8	74.3	72.3	69.1
Compostela Valley	226.4	215.1	205.6	192.1	164.9	50.9	50.8	48.4	39.1	39.6
Davao City	612.0	607.8	557.8	518.1	493.9	447.6	421.0	376.9	349.5	322.2
SOCCSKSARGEN	88.7	92.1	94.9	92.0	95.8	100.8	104.8	106.6	91.6	87.0
North Cotabato	39.2	41.3	42.4	40.0	41.3	43.8	46.0	48.2	40.8	38.2
Sarangani	6.4	6.5	6.6	7.0	7.3	7.6	7.8	7.4	3.3	3.2
South Cotabato	13.6	14.4	15.0	13.6	13.9	14.2	14.6	14.5	13.2	12.2
Sultan Kudarat	29.4	29.9	30.9	31.5	33.3	35.3	36.6	36.6	34.3	33.5
Caraga	124.4	104.9	51.9	31.9	29.0	20.5	12.7	15.2	11.4	6.3
Agusan del Norte	21.1	12.8	..	..	..	..	..	..	..	..
Agusan del Sur	95.3	84.5	51.9	31.9	29.0	20.5	12.7	15.2	11.4	6.3
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	8.0	7.6	..	..	..	..	..	..	..	..
ARMM	66.0	27.7	69.7	44.7	14.9	13.9	13.6	12.2	12.3	12.4
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	19.7	19.7	19.7	14.7	14.9	13.9	13.6	12.2	12.3	12.4
Maguindanao	..	8.0	..	..	..	..	..	..	..	..
Sulu	46.3	..	50.0	30.0	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Papaya										
Philippines	**182,907.5**	**176,655.5**	**165,981.0**	**157,906.8**	**164,912.6**	**166,335.8**	**172,628.5**	**172,650.1**	**162,480.7**	**167,043.0**
CAR	1,666.9	1,674.8	1,643.9	1,586.9	1,590.1	1,627.4	1,730.1	1,764.9	1,688.4	1,635.3
Abra	703.8	712.9	711.0	694.0	703.3	731.2	828.1	888.3	873.8	877.7
Apayao	27.1	24.7	21.3	20.3	20.8	27.5	25.3	25.1	23.5	20.3
Benguet	312.0	312.7	305.0	290.0	272.3	275.7	281.9	268.3	257.4	252.0
Ifugao	406.5	401.3	383.7	349.1	346.2	326.3	331.3	319.9	310.3	301.3
Kalinga	78.7	80.8	78.6	79.5	83.6	86.9	81.0	75.5	55.9	25.2
Mountain Province	138.9	142.5	144.2	154.0	164.0	179.8	182.6	187.8	167.6	158.9
Ilocos Region	3,981.6	3,561.1	3,292.7	3,289.9	3,323.1	3,456.4	3,542.2	3,497.5	3,392.3	3,517.8
Ilocos Norte	839.3	811.2	811.7	835.8	871.4	904.8	914.7	901.9	904.7	929.6
Ilocos Sur	731.3	589.8	442.8	517.3	566.6	598.5	611.8	618.0	628.1	647.1
La Union	643.9	593.3	558.8	529.2	525.2	555.2	574.4	570.5	574.5	627.2
Pangasinan	1,767.1	1,566.7	1,479.5	1,407.6	1,360.0	1,397.9	1,441.2	1,407.1	1,285.0	1,314.0
Cagayan Valley	2,995.9	2,886.7	2,289.9	1,738.9	1,991.7	2,073.5	1,995.0	1,874.3	1,736.6	1,591.9
Batanes	..	..	..	..	92.1	74.5	54.3	41.3	33.4	11.8
Cagayan	684.0	584.2	366.8	319.8	362.0	431.8	418.9	319.7	321.1	232.0
Isabela	653.2	646.4	414.6	176.5	358.5	386.1	407.0	406.5	375.9	353.2
Nueva Vizcaya	1,436.0	1,430.3	1,266.5	1,112.9	1,045.4	999.5	952.6	951.1	878.1	864.6
Quirino	222.6	225.8	242.0	129.5	133.8	181.7	162.2	155.7	128.1	130.4
Central Luzon	3,977.4	3,852.2	3,934.1	3,987.4	3,907.7	3,918.9	4,149.1	5,640.5	5,407.4	5,486.4
Aurora	174.0	233.5	264.2	259.8	257.6	210.2	282.5	211.4	196.9	136.7
Bataan	213.7	209.5	210.5	199.8	191.7	190.5	192.6	196.7	186.5	180.3
Bulacan	2,100.6	1,910.8	1,987.0	2,020.3	2,006.4	2,071.6	2,159.2	3,707.2	3,547.8	3,605.2
Nueva Ecija	577.2	583.0	588.9	589.2	589.9	577.7	589.4	594.3	599.3	590.9
Pampanga	652.0	635.0	582.0	560.0	543.0	497.0	492.0	485.0	495.5	595.9
Tarlac	26.5	28.7	27.8	26.6	27.4	26.9	25.0	22.9	23.3	28.0
Zambales	233.5	251.8	273.8	331.8	291.9	345.0	408.5	423.1	358.2	349.5
CALABARZON	10,356.1	9,676.5	8,439.6	9,128.4	9,250.0	9,231.6	7,093.7	6,951.5	7,108.3	7,150.2
Batangas	215.4	229.7	222.3	207.7	190.6	161.9	136.8	135.1	315.9	387.4
Cavite	2,878.9	2,868.3	2,721.1	2,891.1	2,985.0	2,980.7	1,794.3	1,751.2	1,731.8	1,619.9
Laguna	781.7	870.4	824.2	1,446.2	1,394.0	1,451.7	1,261.1	1,225.5	1,265.7	1,406.1
Quezon	5,836.1	5,147.3	4,161.5	4,053.4	4,145.4	4,075.3	3,341.5	3,303.7	3,258.3	3,151.4
Rizal	643.9	560.8	510.5	530.0	535.0	562.0	560.0	536.0	536.6	585.4
MIMAROPA	3,544.1	3,750.9	3,757.3	3,893.9	4,039.6	4,057.0	4,024.4	4,144.3	4,071.7	4,295.8
Marinduque	93.8	95.1	96.3	97.8	100.1	99.0	90.2	93.2	79.3	76.1
Occidental Mindoro	2,184.6	2,366.7	2,334.7	2,445.7	2,570.5	2,570.9	2,521.6	2,611.0	2,683.4	2,911.9
Oriental Mindoro	339.2	324.8	324.4	320.6	307.5	305.2	321.1	336.4	218.7	191.3
Palawan	567.5	594.0	643.1	684.4	723.0	756.3	790.2	815.2	819.3	834.0
Romblon	359.1	370.3	358.8	345.5	338.6	325.6	301.3	288.5	270.9	282.5
Bicol Region	9,304.7	9,573.9	9,703.1	9,551.1	9,607.5	9,628.0	9,073.7	9,187.8	9,117.8	8,754.6
Albay	812.0	852.3	857.3	824.6	767.1	716.2	510.8	537.0	578.1	565.7
Camarines Norte	2,703.0	2,687.5	2,607.0	2,620.0	2,684.5	2,692.1	2,654.5	2,735.1	2,716.8	3,126.9
Camarines Sur	4,164.7	4,345.2	4,433.7	4,419.1	4,441.7	4,465.6	4,293.5	4,260.3	4,323.7	3,504.6
Catanduanes	39.5	38.4	39.5	39.0	39.1	40.0	39.7	39.0	40.0	35.0
Masbate	78.7	85.9	92.9	93.1	102.4	106.1	111.3	113.1	111.8	115.4
Sorsogon	1,506.8	1,564.7	1,672.7	1,555.3	1,572.8	1,608.0	1,463.9	1,503.4	1,347.5	1,407.1
Western Visayas	6,435.1	6,483.0	6,188.1	6,333.3	6,252.7	6,026.4	5,256.2	5,267.8	5,387.1	5,564.2
Aklan	1,451.4	1,263.6	1,164.3	1,155.4	1,120.9	1,075.3	715.6	715.5	714.3	602.8
Antique	454.3	443.6	413.9	406.3	378.1	369.6	346.7	344.5	335.2	334.0
Capiz	517.4	511.6	455.1	458.8	486.5	433.1	72.5	104.0	116.0	130.4
Guimaras	132.2	133.8	124.3	136.6	147.4	142.9	142.2	137.4	135.2	146.7
Iloilo	1,816.5	1,953.2	2,021.8	2,174.2	2,145.6	2,156.9	2,161.0	2,160.2	2,315.4	2,573.2
Negros Occidental	2,063.3	2,177.3	2,008.8	2,002.1	1,974.2	1,848.6	1,818.2	1,806.2	1,771.1	1,777.2
Central Visayas	7,425.4	7,741.2	6,857.0	6,732.6	6,794.9	6,427.7	6,628.3	6,837.3	6,055.0	6,313.5
Bohol	226.9	318.4	316.5	377.0	349.4	347.1	468.4	428.7	415.7	444.0
Cebu	3,100.6	3,368.9	3,065.0	3,710.1	3,876.8	3,776.8	4,023.8	4,198.7	4,087.7	4,236.4
Negros Oriental	3,525.0	3,490.2	2,978.9	2,114.0	2,056.2	1,796.4	1,623.4	1,713.0	1,157.3	1,193.7
Siquijor	572.9	563.7	496.6	531.5	512.5	507.5	512.7	496.9	394.2	439.4
Eastern Visayas	2,957.3	3,037.9	3,063.9	3,033.8	3,109.4	2,912.1	2,264.5	2,200.6	2,157.6	2,157.7
Biliran	116.1	118.6	124.2	124.7	125.0	119.5	100.6	101.3	102.3	96.7
Eastern Samar	876.2	914.6	928.4	915.9	924.3	883.2	720.7	632.3	624.0	612.2
Leyte	902.5	922.0	923.5	901.2	876.7	748.0	297.5	310.8	348.7	344.8
Northern Samar	495.1	513.5	527.3	542.5	556.9	586.5	606.4	597.8	519.3	530.4
Southern Leyte	478.9	480.6	474.7	463.1	538.3	510.1	482.2	501.5	507.1	517.2
Samar (Western Sama	88.6	88.7	85.8	86.5	88.1	64.8	57.1	56.9	56.2	56.4
Zamboanga Peninsula	5,878.4	5,792.9	5,667.9	5,521.5	5,504.9	5,247.1	5,614.5	6,149.2	5,868.4	6,059.9
Zamboanga del Norte	2,153.9	2,132.9	2,181.3	2,076.0	1,962.9	1,682.8	1,964.5	2,425.1	2,203.6	2,226.0
Zamboanga del Sur	747.6	740.2	692.4	759.6	800.6	927.9	1,022.2	1,048.3	1,107.2	1,174.1
Zamboanga Sibugay	448.6	441.8	423.3	417.8	425.0	405.8	379.0	373.0	364.2	374.9
Zamboanga City	2,528.3	2,478.0	2,370.9	2,268.1	2,316.5	2,230.6	2,248.9	2,302.8	2,193.3	2,284.8
Northern Mindanao	39,044.5	36,480.3	29,151.6	21,125.3	26,385.0	30,107.6	38,256.4	37,239.8	36,790.1	37,238.8
Bukidnon	2,306.0	2,972.0	3,012.0	5,136.0	4,640.0	4,375.0	4,253.0	4,176.5	4,828.3	5,038.2
Camiguin	46.7	50.8	61.1	71.4	68.0	63.5	71.5	79.3	88.6	96.1
Lanao del Norte	831.6	844.0	862.0	854.0	802.0	746.0	712.0	612.9	635.0	642.8
Misamis Occidental	133.5	136.2	140.5	141.8	140.3	125.1	119.0	118.6	120.9	118.4
Misamis Oriental	35,726.8	32,477.2	25,076.0	14,922.2	20,734.7	24,798.0	33,100.9	32,252.5	31,117.4	31,343.3
Davao Region	21,408.1	17,260.6	14,686.2	12,117.1	11,340.4	10,335.2	10,405.9	10,462.9	10,335.5	10,405.8
Davao del Norte	1,815.9	1,824.5	1,823.5	1,776.5	1,691.9	1,628.3	1,568.8	1,571.0	1,553.0	1,567.9
Davao del Sur	13,819.8	9,853.7	7,364.1	5,813.6	5,254.2	4,953.9	5,005.5	4,969.3	4,935.5	4,962.1
Davao Oriental	624.2	603.9	601.2	673.2	648.8	682.7	745.7	777.3	764.0	758.5
Compostela Valley	1,557.1	1,476.5	1,413.1	1,222.1	1,050.9	314.4	289.7	283.8	270.7	257.9
Davao City	3,591.2	3,502.1	3,484.4	2,631.6	2,694.8	2,755.9	2,796.1	2,861.6	2,812.3	2,859.4
SOCCSKSARGEN	58,729.5	59,944.8	62,848.3	65,843.0	67,864.7	67,622.8	69,008.4	67,975.2	60,028.5	63,471.8
North Cotabato	8,220.9	8,606.9	8,877.5	9,530.9	9,743.8	9,883.4	9,950.4	9,393.8	6,886.4	7,231.8
Sarangani	1,412.9	454.7	406.9	387.2	379.1	348.8	290.9	217.5	201.0	194.3
South Cotabato	48,792.1	50,556.9	53,216.8	55,568.2	57,403.7	57,060.5	58,445.2	58,045.0	52,598.5	55,723.2
Sultan Kudarat	303.6	326.4	347.0	356.7	338.1	330.1	322.0	319.0	342.7	322.5
Caraga	2,102.0	1,878.9	1,630.9	1,168.8	1,121.5	1,057.3	939.7	830.8	790.5	808.1
Agusan del Norte	1,243.2	1,025.0	923.3	657.7	672.6	536.0	487.8	435.6	389.5	395.1
Agusan del Sur	445.4	450.2	322.4	205.5	175.6	126.7	115.7	101.2	88.7	71.9
Dinagat Islands	..	..	..	..	..	25.2	15.9	16.3	16.2	14.7
Surigao del Norte	234.4	217.4	199.6	149.9	119.3	114.8	107.3	90.3	96.1	116.6
Surigao del Sur	179.0	186.3	185.6	155.7	154.0	254.8	213.0	187.4	200.0	209.9
ARMM	3,100.6	3,059.9	2,826.6	2,854.8	2,829.4	2,606.7	2,646.4	2,625.7	2,545.6	2,591.2
Basilan	465.6	464.2	464.6	475.1	476.8	462.9	445.6	436.5	406.0	418.5
Lanao del Sur	148.4	147.4	147.0	145.4	148.3	150.8	161.0	168.0	168.4	166.0
Maguindanao	1,155.0	1,150.5	974.5	1,010.0	1,051.5	900.0	972.1	959.9	958.6	968.5
Sulu	971.5	959.3	940.0	955.0	928.0	878.8	874.1	870.0	803.0	815.5
Tawi-tawi	360.1	338.5	300.5	269.3	224.8	214.3	193.6	191.4	209.6	222.8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pineapple										
Philippines	**2,209,336.0**	**2,198,497.0**	**2,169,233.0**	**2,246,806.0**	**2,397,745.0**	**2,458,528.0**	**2,507,098.0**	**2,582,699.0**	**2,612,474.0**	**2,671,711.0**
CAR	711.2	715.7	682.6	687.2	711.5	770.6	804.7	813.9	831.1	750.3
Abra	50.3	51.3	52.4	51.2	51.8	52.8	68.0	72.0	70.0	71.3
Apayao	282.0	298.0	273.0	284.0	320.0	385.0	406.0	425.0	463.4	383.8
Benguet	215.3	213.1	209.7	208.7	195.8	198.0	202.0	198.6	184.5	189.7
Ifugao	55.2	57.3	55.0	56.5	58.8	54.8	57.7	59.5	58.9	66.1
Kalinga	38.0	35.8	34.0	35.6	38.8	34.5	30.5	29.3	22.8	8.7
Mountain Province	70.5	60.1	58.4	51.3	46.4	45.5	40.5	29.5	31.5	30.8
Ilocos Region	206.0	195.5	195.3	197.2	200.2	196.2	198.6	197.3	227.6	228.9
Ilocos Norte	86.4	70.2	63.6	65.0	65.1	64.6	68.0	68.3	68.2	69.5
Ilocos Sur	27.6	28.9	27.9	28.8	30.4	30.1	28.1	27.3	29.3	31.1
La Union	54.6	59.3	65.7	67.0	68.7	66.8	68.6	71.3	102.1	101.3
Pangasinan	37.5	37.2	38.1	36.3	36.1	34.7	33.9	30.4	27.9	27.1
Cagayan Valley	30,815.0	32,574.0	29,375.3	26,702.7	28,342.3	31,247.0	33,842.4	35,128.8	34,821.1	34,983.5
Batanes	..	..	..	..	117.5	106.2	68.2	23.4	14.3	4.9
Cagayan	10,100.2	10,311.2	10,909.6	7,937.7	11,354.9	12,940.9	15,816.2	15,223.0	16,109.8	16,438.2
Isabela	8,479.6	10,093.1	8,404.2	8,892.6	7,399.4	7,919.4	9,371.4	9,398.2	8,743.5	7,830.6
Nueva Vizcaya	12,123.2	12,049.4	9,969.0	9,765.0	9,384.6	10,182.0	8,491.6	10,396.9	9,887.4	10,634.2
Quirino	112.0	120.4	92.5	107.3	86.0	98.5	95.0	87.3	66.1	75.7
Central Luzon	1,363.1	1,406.1	1,451.7	1,438.6	1,463.2	1,456.9	1,619.9	1,656.5	1,629.3	1,771.5
Aurora	425.0	443.0	468.0	478.5	483.3	494.0	648.8	662.4	647.0	852.1
Bataan	496.1	485.0	486.2	455.0	460.0	450.0	448.0	434.6	418.0	368.3
Bulacan	368.0	406.0	410.0	426.0	442.0	460.0	470.0	507.0	509.0	509.9
Nueva Ecija	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	72.0	70.1	85.5	77.1	76.0	51.0	51.3	50.7	53.6	41.3
CALABARZON	86,168.2	88,375.1	87,561.2	86,178.2	86,388.6	88,238.7	85,448.1	88,659.8	92,514.3	97,696.3
Batangas	57.0	51.3	56.5	68.5	62.0	45.0	38.0	54.0	57.9	106.1
Cavite	72,807.6	73,543.9	72,621.0	71,557.5	71,600.0	73,408.0	71,601.2	70,552.2	75,057.0	80,005.9
Laguna	12,018.2	13,568.1	13,666.4	13,527.8	13,650.2	13,645.5	12,669.5	15,396.1	15,003.6	15,364.7
Quezon	727.8	665.3	697.3	490.4	537.4	597.2	626.3	2,156.4	1,951.7	1,803.9
Rizal	557.5	546.5	520.0	534.0	539.0	543.0	513.0	501.2	444.1	415.7
MIMAROPA	222.7	233.5	252.4	295.4	326.4	364.2	404.1	448.0	551.8	579.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	56.2	49.7	53.2	53.5	55.4	71.5	71.0	81.9	72.5	73.4
Palawan	94.9	109.7	123.5	162.2	189.0	208.0	244.4	277.0	386.2	426.0
Romblon	71.6	74.1	75.7	79.7	82.0	84.8	88.7	89.2	93.1	80.3
Bicol Region	111,529.7	109,967.1	112,205.4	116,123.4	121,734.7	124,960.8	123,411.5	130,594.9	137,991.4	127,489.3
Albay	1,018.2	1,044.9	1,064.0	972.2	886.1	782.0	637.0	622.4	560.1	455.1
Camarines Norte	106,555.0	104,789.0	106,877.0	111,048.0	116,670.0	119,834.2	118,492.3	125,629.8	133,113.8	122,606.0
Camarines Sur	2,820.7	2,860.2	2,902.8	2,817.4	2,824.6	2,783.6	2,736.0	2,724.1	2,824.7	2,911.5
Catanduanes	12.6	12.5	13.2	12.3	12.9	13.2	12.9	13.3	13.3	10.0
Masbate	50.0	91.2	83.0	90.5	99.1	105.0	109.8	106.6	102.2	104.4
Sorsogon	1,073.3	1,169.2	1,265.5	1,183.1	1,242.1	1,442.8	1,423.4	1,498.8	1,377.2	1,402.3
Western Visayas	15,184.2	15,424.4	14,317.1	16,262.7	16,307.8	16,258.0	17,053.9	16,847.0	16,494.0	16,910.0
Aklan	413.0	394.3	284.9	265.3	231.3	209.8	175.9	173.7	173.3	169.8
Antique	48.1	93.5	101.9	102.0	100.4	106.9	103.2	105.4	98.4	101.9
Capiz	184.8	168.0	193.9	229.8	250.0	224.0	210.9	221.6	203.4	248.1
Guimaras	39.9	39.8	32.1	33.4	31.3	34.7	44.2	37.5	34.6	36.7
Iloilo	9,968.0	10,171.8	9,431.0	11,323.0	11,257.0	11,380.0	12,161.0	12,148.7	12,030.5	12,395.4
Negros Occidental	4,530.4	4,557.1	4,273.4	4,309.2	4,437.8	4,302.7	4,358.8	4,160.1	3,953.9	3,958.2
Central Visayas	4,887.4	4,867.3	4,173.5	4,626.4	4,616.5	5,379.8	6,900.2	6,306.4	4,359.1	4,939.0
Bohol	794.2	857.4	896.2	875.3	896.9	964.0	909.8	916.0	689.8	731.3
Cebu	105.1	108.7	90.2	92.4	99.5	79.9	82.9	76.0	70.3	72.4
Negros Oriental	3,980.9	3,893.4	3,180.3	3,650.5	3,612.5	4,327.4	5,900.2	5,308.4	3,594.5	4,129.4
Siquijor	7.3	7.9	6.8	8.2	7.7	8.6	7.3	6.0	4.5	6.0
Eastern Visayas	7,396.6	7,475.5	7,468.4	7,377.3	7,456.6	7,485.2	6,706.4	7,185.8	8,014.6	8,102.4
Biliran	375.5	373.2	382.3	382.4	382.9	359.4	333.0	340.9	344.3	328.0
Eastern Samar	569.7	579.1	580.9	588.9	592.7	578.9	541.4	529.5	540.5	490.6
Leyte	2,031.8	2,091.4	2,028.1	1,940.1	1,990.7	2,028.9	1,441.8	1,811.0	2,867.3	2,937.7
Northern Samar	24.9	25.8	26.8	27.7	28.5	37.6	39.1	39.3	38.6	39.7
Southern Leyte	4,158.5	4,164.5	4,218.6	4,211.6	4,236.5	4,248.2	4,130.0	4,248.5	4,003.1	4,082.7
Samar (Western Sama	236.2	241.4	231.8	226.6	225.3	232.2	221.0	216.6	220.8	223.7
Zamboanga Peninsula	2,435.8	2,288.8	1,992.0	1,863.5	1,710.0	1,839.7	1,882.7	1,657.1	1,398.3	1,366.0
Zamboanga del Norte	1,573.0	1,506.7	1,216.9	1,013.8	949.4	1,019.4	1,135.6	1,037.9	827.7	830.7
Zamboanga del Sur	451.6	386.3	406.0	509.6	435.4	530.2	453.5	390.8	348.7	323.7
Zamboanga Sibugay	345.4	328.0	296.9	262.8	214.7	178.9	179.7	112.3	104.9	92.8
Zamboanga City	65.7	67.9	72.1	77.4	110.5	111.2	113.8	116.2	117.0	118.9
Northern Mindanao	1,007,022.0	1,026,905.0	1,067,608.0	1,159,698.0	1,294,584.0	1,341,569.0	1,392,652.0	1,468,387.0	1,516,920.0	1,554,637.0
Bukidnon	1,000,895.0	1,014,350.0	1,027,875.0	1,118,989.0	1,279,000.0	1,328,500.0	1,355,200.0	1,420,675.0	1,462,850.0	1,484,321.0
Camiguin	3.5	6.0	11.3	4.5	3.8	3.2	2.0	1.6	1.7	2.3
Lanao del Norte	1,174.1	1,135.0	1,028.0	990.0	953.3	955.2	965.0	950.5	933.5	894.0
Misamis Occidental	14.7	14.3	15.4	10.3	11.1	11.1	10.1	9.8	12.2	13.9
Misamis Oriental	4,935.1	11,400.0	38,677.9	39,704.0	14,616.0	12,099.2	36,475.0	46,750.0	53,123.0	69,406.0
Davao Region	22,303.3	22,440.1	22,839.8	25,306.0	28,161.7	28,078.7	28,097.4	26,880.3	26,300.9	25,978.3
Davao del Norte	220.6	222.4	222.0	208.9	198.2	194.1	205.0	210.2	208.0	204.4
Davao del Sur	34.1	31.3	29.6	28.5	29.0	28.3	29.2	29.8	28.4	29.2
Davao Oriental	226.2	211.1	202.2	200.3	184.3	163.6	164.8	158.8	159.3	164.3
Compostela Valley	858.5	821.6	794.6	579.3	485.8	224.9	148.0	128.7	110.8	101.2
Davao City	20,963.8	21,153.8	21,591.3	24,289.0	27,264.4	27,467.8	27,550.4	26,352.8	25,794.4	25,479.3
SOCCSKSARGEN	913,280.2	879,835.9	813,250.6	794,841.4	800,055.1	806,076.0	804,254.1	794,333.9	766,695.1	792,054.1
North Cotabato	175.1	172.7	160.8	165.2	168.2	173.0	470.9	638.6	3,872.5	13,324.8
Sarangani	172,716.0	123,874.0	58,429.0	35,451.0	33,134.0	32,155.0	28,794.0	21,859.0	21,625.0	19,100.0
South Cotabato	740,348.6	755,767.4	754,639.4	759,074.2	760,489.1	765,701.3	769,286.2	765,214.4	732,936.7	756,559.3
Sultan Kudarat	40.5	21.9	21.5	151.1	6,263.8	8,046.7	5,703.1	6,621.9	8,260.9	3,070.0
Caraga	4,738.4	4,683.9	4,725.5	4,135.7	4,647.8	3,542.2	2,810.2	2,681.8	2,820.4	3,324.3
Agusan del Norte	2,848.8	2,966.6	2,930.3	2,724.6	3,269.7	1,987.6	1,421.6	1,283.1	1,285.8	1,525.8
Agusan del Sur	1,103.8	939.7	1,157.0	913.7	991.0	1,111.2	992.5	1,000.4	1,144.5	1,329.1
Dinagat Islands	..	..	..	..	..	..	8.1	7.3	6.1	4.8
Surigao del Norte	325.8	339.5	275.1	172.2	72.0	83.5	46.0	41.0	33.0	33.0
Surigao del Sur	460.0	438.1	363.0	325.3	315.0	360.0	342.0	350.0	350.9	431.7
ARMM	1,072.5	1,109.1	1,134.9	1,072.5	1,038.7	1,065.4	1,012.3	920.6	904.8	900.3
Basilan	81.6	81.2	80.7	81.7	83.4	81.0	80.3	77.5	73.5	73.7
Lanao del Sur	767.1	780.3	867.0	826.3	811.9	860.3	817.8	739.9	745.8	746.0
Maguindanao	8.0	60.1	9.9	4.7	3.7	2.8	3.2	4.0	4.0	4.0
Sulu	82.8	78.3	72.4	71.4	65.1	59.9	58.2	55.5	43.0	43.3
Tawi-tawi	133.1	109.4	105.0	88.4	74.7	61.5	52.8	43.6	38.5	33.3

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Rambutan										
Philippines	**8,552.6**	**9,435.4**	**12,743.2**	**6,270.5**	**7,189.4**	**7,439.8**	**6,479.1**	**8,723.1**	**7,668.2**	**6,064.6**
CAR	39.9	40.7	43.3	31.4	46.3	46.5	63.6	79.5	87.1	74.9
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	38.8	39.5	42.0	30.0	43.0	43.0	56.5	59.5	66.0	55.4
Benguet	..	..	..	..	..	..	..	14.0	14.1	14.6
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	1.1	1.2	1.3	1.4	3.3	3.5	7.1	6.0	7.0	4.9
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	65.0	62.0	69.2	75.7	83.7	88.1	94.2	96.1	100.9	101.2
Ilocos Norte	0.3	0.3	0.4	0.6	0.6	0.7	0.5	0.7	0.9	2.5
Ilocos Sur	63.6	60.5	67.0	73.1	81.2	85.4	90.3	92.4	95.9	92.6
La Union	1.1	1.2	1.8	2.0	2.0	2.1	3.4	3.1	4.2	6.1
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	376.1	383.8	433.7	421.7	407.9	363.8	419.0	452.1	504.8	576.6
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	5.2	12.6	12.4	13.1	12.7	13.5	14.6	16.6	13.9
Isabela	23.6	22.3	45.8	31.3	33.5	40.3	54.6	58.1	71.2	54.3
Nueva Vizcaya	352.5	356.3	375.3	378.0	361.4	297.4	336.4	366.9	404.6	382.6
Quirino	..	..	..	..	..	13.4	14.5	12.5	12.6	125.8
Central Luzon	20.0	23.0	27.0	25.2	24.0	64.4	62.9	54.0	46.9	47.7
Aurora	20.0	23.0	27.0	25.2	24.0	18.4	19.4	8.4	3.6	2.0
Bataan	..	..	..	..	..	..	3.0	3.1	..	..
Bulacan	..	..	..	..	..	10.0	10.5	12.0	12.0	12.5
Nueva Ecija	..	..	..	..	..	36.0	30.0	30.5	31.3	32.5
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	0.8
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	4,419.4	4,168.1	4,384.4	2,699.8	2,774.7	2,925.6	1,588.6	1,618.0	1,784.7	2,123.1
Batangas	96.6	92.0	108.5	110.0	118.5	133.0	15.2	19.2	50.9	282.0
Cavite	8.9	11.3	9.8	10.0	14.1	13.7	12.4	12.9	13.0	11.6
Laguna	4,301.2	4,053.4	4,253.7	2,568.6	2,576.8	2,705.6	1,496.7	1,516.4	1,641.1	1,750.6
Quezon	11.9	10.7	11.5	10.4	64.6	72.3	63.3	67.7	78.1	77.2
Rizal	0.8	0.8	0.8	0.8	0.8	1.0	1.0	1.7	1.7	1.8
MIMAROPA	338.2	335.1	362.0	342.4	364.2	381.0	363.0	391.3	276.6	224.9
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	276.5	275.6	299.1	281.4	300.0	314.6	288.3	313.6	197.7	142.9
Palawan	61.7	59.5	62.9	61.0	64.2	66.4	74.7	77.7	78.9	82.0
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	17.9	19.1	20.9	20.2	27.9	28.0	22.5	23.6	24.2	24.5
Albay	9.6	9.8	10.5	9.9	17.4	17.5	13.3	13.9	14.5	14.4
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	0.7	1.2	1.2	1.1	1.1	1.0	1.2	1.4	1.3
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	8.4	8.6	9.2	9.2	9.4	9.4	8.2	8.6	8.4	8.8
Western Visayas	99.5	153.6	194.4	121.2	167.9	182.0	167.8	176.4	175.6	167.5
Aklan	7.2	53.0	89.2	43.1	58.6	60.6	62.4	63.8	62.4	63.7
Antique	1.4	2.0	2.1	2.0	1.9	2.1	1.9	2.0	1.8	2.6
Capiz	23.9	28.8	31.5	27.3	29.8	24.1	13.6	18.8	21.3	18.4
Guimaras	0.3	0.4	0.6	0.5	0.8	1.0	1.0	0.9	1.3	1.4
Iloilo	3.0	6.0	5.3	4.2	7.5	20.5	15.0	12.0	10.5	9.4
Negros Occidental	63.7	63.3	65.9	44.1	69.3	73.7	73.9	79.0	78.4	72.0
Central Visayas	5.9	58.4	83.7	46.4	40.6	55.3	55.9	83.3	64.5	19.3
Bohol	..	..	24.0	11.0	10.9	17.2	15.4	17.0	12.6	13.0
Cebu	..	..	..	..	0.2	2.2	2.6	12.0	2.4	1.9
Negros Oriental	5.9	58.4	59.7	35.4	29.5	35.9	38.0	53.6	49.3	4.4
Siquijor	..	..	..	..	..	..	..	0.6	0.3	..
Eastern Visayas	14.3	16.2	16.6	15.4	25.6	24.2	7.5	6.6	9.0	8.9
Biliran	..	..	..	..	..	..	..	..	1.6	2.0
Eastern Samar	2.3	2.3	2.5	2.5	2.5	2.1	1.9	1.7	0.0	..
Leyte	4.7	6.4	6.7	6.5	6.2	6.6	3.3	2.6	5.1	4.8
Northern Samar	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	7.2	7.3	7.2	6.2	16.7	15.4	2.1	2.2	2.1	2.1
Zamboanga Peninsula	193.9	346.9	924.0	290.3	341.7	190.6	345.4	1,907.8	1,677.8	685.7
Zamboanga del Norte	13.1	142.5	758.0	186.0	231.1	20.3	94.8	1,601.5	1,458.7	483.3
Zamboanga del Sur	177.4	199.8	156.1	99.6	103.1	149.3	167.4	177.3	98.0	83.6
Zamboanga Sibugay	2.5	3.4	8.9	3.6	6.1	19.4	81.0	126.8	118.9	116.7
Zamboanga City	0.8	1.3	1.0	1.1	1.4	1.6	2.3	2.2	2.2	2.1
Northern Mindanao	206.2	317.2	368.9	268.5	177.8	334.0	379.9	443.5	461.6	439.2
Bukidnon	155.0	256.0	290.0	208.0	106.0	237.0	258.0	289.5	300.0	294.0
Camiguin	1.1	1.7	2.9	1.5	4.2	4.3	3.6	5.4	4.0	2.9
Lanao del Norte	12.3	12.4	14.2	11.6	13.6	15.0	16.2	21.6	34.6	26.2
Misamis Occidental	28.2	36.2	43.8	42.9	46.5	48.8	57.1	65.0	63.0	60.2
Misamis Oriental	9.6	11.0	18.0	4.5	7.5	29.0	45.0	62.0	60.0	56.0
Davao Region	1,223.0	1,429.0	1,833.1	859.3	985.0	946.5	919.6	1,082.4	1,017.3	781.5
Davao del Norte	294.9	350.9	488.2	424.1	342.1	389.7	434.8	514.4	496.9	496.1
Davao del Sur	177.2	208.7	239.1	154.1	165.2	169.0	184.1	195.0	195.8	174.7
Davao Oriental	26.7	29.5	31.6	36.6	30.3	19.1	22.6	25.0	24.4	24.3
Compostela Valley	361.5	482.0	678.1	230.4	149.6	36.7	50.2	69.3	48.9	35.4
Davao City	362.7	357.9	396.1	14.1	297.7	332.1	228.0	278.9	251.3	50.9
SOCCSKSARGEN	1,430.7	1,975.6	3,844.2	995.5	1,502.9	1,600.1	1,651.7	1,531.4	950.2	363.4
North Cotabato	1,096.8	1,596.3	3,433.2	623.0	1,114.2	1,195.5	1,195.6	1,059.1	544.8	42.0
Sarangani	9.5	10.9	19.4	20.6	24.1	26.3	26.4	26.5	25.0	24.3
South Cotabato	302.6	345.4	366.1	341.4	345.6	358.2	406.5	422.0	363.8	296.4
Sultan Kudarat	21.8	22.9	25.4	10.5	19.0	20.1	23.2	23.9	16.6	0.7
Caraga	87.0	87.8	117.6	50.7	206.2	194.7	315.3	750.5	461.5	408.5
Agusan del Norte	7.0	6.9	10.7	4.1	6.8	4.6	23.7	29.0	25.8	..
Agusan del Sur	57.3	51.4	77.1	34.2	183.1	158.6	236.0	669.2	391.6	363.4
Dinagat Islands	..	..	..	..	..	0.3	0.3	0.4	0.3	0.3
Surigao del Norte	5.3	4.7	4.3	3.5	3.3	2.3	6.3	6.6	2.8	2.0
Surigao del Sur	17.4	24.8	25.6	8.8	12.9	29.0	49.0	45.3	41.0	42.8
ARMM	15.7	19.1	20.5	7.0	13.2	15.2	22.2	26.5	25.4	17.6
Basilan	..	0.3	1.0	..	..	..	7.0	8.8	7.5	..
Lanao del Sur	15.6	18.3	18.2	7.0	12.2	13.4	12.3	13.4	13.4	13.5
Maguindanao	..	0.5	1.0	..	1.0	1.3	2.5	4.0	4.3	3.0
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	0.1	0.1	0.3	..	..	0.5	0.4	0.4	0.3	1.2

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tamarind Fruit										
Philippines	**11,052.5**	**10,062.7**	**9,031.8**	**8,122.1**	**7,921.3**	**7,782.1**	**7,558.1**	**7,435.9**	**7,127.6**	**6,755.6**
CAR	12.7	12.9	13.2	13.5	13.6	13.9	8.0	8.5	8.9	10.0
Abra	12.7	12.9	13.2	13.5	13.6	13.9	8.0	8.5	8.9	10.0
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	2,567.6	2,488.7	2,556.0	2,524.8	2,551.7	2,577.4	2,583.7	2,592.7	2,474.1	2,596.1
Ilocos Norte	1,578.9	1,570.9	1,609.6	1,639.9	1,662.2	1,661.9	1,632.2	1,585.9	1,553.4	1,615.3
Ilocos Sur	332.8	288.4	305.1	296.2	317.5	336.9	355.1	381.6	359.1	351.0
La Union	112.2	101.8	97.7	86.9	82.2	77.3	72.6	71.5	64.5	68.0
Pangasinan	543.7	527.5	543.6	501.8	489.9	501.2	523.8	553.8	497.1	561.8
Cagayan Valley	3,555.5	2,984.3	2,109.4	1,557.6	1,409.4	1,441.0	1,304.3	1,388.2	1,279.7	836.3
Batanes	..	..	..	..	2.7	2.8	1.9	1.0	1.0	..
Cagayan	1,107.0	836.0	739.8	669.6	704.1	739.4	679.8	721.1	632.1	297.0
Isabela	1,552.3	1,553.5	807.4	516.8	435.2	444.4	427.8	444.0	466.3	360.4
Nueva Vizcaya	552.1	407.0	381.3	297.2	185.0	176.3	120.3	148.2	130.3	129.2
Quirino	344.0	187.8	181.0	74.0	82.5	78.0	74.5	74.0	50.0	49.7
Central Luzon	1,856.6	1,730.0	1,676.8	1,620.0	1,595.0	1,573.0	1,600.0	1,407.0	1,417.9	1,422.3
Aurora	..	..	..	..	..	..	..	..	..	0.8
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	397.0	302.0	281.0	272.5	269.5	259.5	270.0	284.0	289.0	288.8
Nueva Ecija	89.7	90.5	90.6	90.1	92.3	89.3	101.9	104.0	106.4	104.4
Pampanga	16.0	16.5	14.0	16.3	15.5	16.5	15.0	15.5	15.8	16.7
Tarlac	852.5	858.4	845.7	838.1	839.1	837.4	836.5	632.9	645.2	715.3
Zambales	501.4	462.6	445.5	403.0	378.7	370.3	376.6	370.6	361.6	296.3
CALABARZON	155.7	151.8	138.6	105.6	107.6	112.3	94.5	98.2	93.8	82.4
Batangas	56.0	60.0	55.1	25.0	30.0	34.5	21.0	26.0	21.2	16.9
Cavite	20.8	18.6	14.3	14.0	15.0	14.1	15.0	8.6	8.5	6.4
Laguna	11.1	11.0	10.5	10.5	10.6	10.7	8.7	8.2	7.5	7.3
Quezon	42.9	40.3	39.0	35.9	32.8	31.8	30.5	32.9	34.6	31.4
Rizal	24.8	22.0	19.8	20.2	19.2	21.3	19.3	22.5	22.0	20.4
MIMAROPA	191.5	192.6	196.5	196.0	201.0	188.9	179.1	173.5	170.0	175.2
Marinduque	26.0	26.2	26.7	27.2	28.4	28.2	27.8	27.5	25.2	21.9
Occidental Mindoro	50.0	53.0	54.0	56.7	64.5	65.1	63.2	62.2	63.4	75.5
Oriental Mindoro	3.7	3.6	3.6	3.5	3.4	3.5	3.5	3.4	2.8	2.4
Palawan	57.5	55.0	57.9	55.8	56.2	45.0	46.3	47.6	48.9	50.4
Romblon	54.2	54.9	54.3	52.8	48.6	47.1	38.3	32.9	29.7	25.0
Bicol Region	157.3	163.4	168.5	165.2	163.5	164.7	155.2	159.7	151.4	153.0
Albay	38.4	39.2	40.3	38.9	35.0	33.7	31.9	31.2	33.4	31.4
Camarines Norte	18.5	19.1	18.7	19.2	20.1	20.5	20.8	21.2	19.2	18.9
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	1.0	1.0	1.0	0.9	0.9	0.9	0.9	1.0	0.9	0.8
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	99.4	104.2	108.5	106.2	107.5	109.6	101.6	106.5	97.9	101.9
Western Visayas	92.9	87.2	82.1	81.7	80.1	72.4	67.7	65.7	61.8	59.3
Aklan	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.2
Antique	3.1	2.4	2.3	2.0	1.9	1.6	1.5	1.3	1.0	1.2
Capiz	3.5	3.7	4.3	4.4	4.3	3.1	2.9	3.2	2.8	2.6
Guimaras	32.3	30.5	28.0	30.3	31.6	29.3	26.9	26.2	26.3	25.6
Iloilo	33.1	30.3	28.1	26.3	25.2	24.2	22.2	22.3	20.5	19.1
Negros Occidental	20.6	20.2	19.2	18.6	17.0	13.9	14.0	12.7	11.1	10.7
Central Visayas	484.1	350.7	320.1	220.2	208.5	137.4	119.0	96.2	81.1	73.5
Bohol	245.2	201.2	207.6	126.8	120.5	52.9	48.9	28.2	16.3	13.1
Cebu	49.5	45.9	41.9	41.5	48.8	55.3	55.3	58.5	58.3	56.2
Negros Oriental	186.3	101.3	67.9	50.0	37.2	27.9	13.8	8.4	5.7	3.7
Siquijor	3.1	2.3	2.7	2.0	2.0	1.4	1.0	1.1	0.8	0.5
Eastern Visayas	49.4	49.7	49.7	48.1	47.0	42.5	31.4	32.2	29.4	29.2
Biliran	0.8	0.8	0.9	0.9	0.9	0.5	0.5	0.5	0.5	0.7
Eastern Samar	3.2	3.3	3.3	3.3	3.4	2.9	2.1	2.0	0.0	..
Leyte	19.4	19.6	19.4	19.0	18.3	15.3	6.7	6.9	8.3	7.4
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	20.9	21.0	21.2	21.1	21.0	21.1	20.0	20.5	19.3	19.8
Samar (Western Sama	5.2	5.1	5.1	3.8	3.4	2.8	2.1	2.3	1.3	1.2
Zamboanga Peninsula	269.5	245.1	212.3	190.3	179.2	156.6	149.6	153.2	138.6	118.2
Zamboanga del Norte	200.8	181.7	152.0	136.9	126.7	108.0	102.5	108.4	95.8	78.6
Zamboanga del Sur	28.6	25.2	24.7	20.4	18.0	15.3	14.2	13.7	12.6	8.5
Zamboanga Sibugay	9.1	8.4	7.0	7.0	8.7	7.7	7.1	6.1	5.8	7.9
Zamboanga City	31.0	29.8	28.6	26.0	25.9	25.6	25.8	24.9	24.4	23.2
Northern Mindanao	57.5	47.1	41.3	31.1	27.1	21.5	18.2	17.1	16.1	13.8
Bukidnon	10.3	11.1	12.5	9.9	6.4	5.6	5.1	3.5	3.3	3.1
Camiguin	0.3	0.2	0.2	0.2	0.9	1.1	1.1	0.9	0.9	0.8
Lanao del Norte	4.0	3.9	3.6	3.5	3.7	3.9	3.6	4.5	3.8	3.3
Misamis Occidental	2.5	2.7	3.6	4.2	4.3	4.3	5.1	5.3	5.1	3.9
Misamis Oriental	40.4	29.3	21.4	13.3	11.9	6.6	3.3	3.0	2.9	2.7
Davao Region	1,328.5	1,284.6	1,208.2	1,127.4	1,102.6	1,043.1	1,011.6	1,015.1	1,007.2	992.7
Davao del Norte	55.3	52.5	55.9	49.5	51.4	53.9	55.4	57.6	59.7	56.6
Davao del Sur	1,095.1	1,067.5	985.9	924.1	898.1	885.1	866.7	870.0	860.9	853.2
Davao Oriental	22.3	22.4	24.3	22.0	20.5	24.4	25.0	25.1	26.0	27.0
Compostela Valley	112.2	98.5	97.2	100.5	89.3	33.6	26.8	27.3	25.8	21.5
Davao City	43.6	43.8	44.9	31.4	43.3	46.1	37.8	35.1	34.9	34.4
SOCCSKSARGEN	252.3	261.1	252.2	240.7	234.9	235.9	235.3	228.1	196.4	192.4
North Cotabato	135.0	138.6	125.8	111.6	104.7	96.2	90.6	86.4	67.6	59.7
Sarangani	37.6	40.8	42.1	42.7	44.5	50.1	52.6	50.7	48.2	49.4
South Cotabato	40.8	41.8	43.8	45.2	43.2	44.5	45.7	45.9	41.3	43.9
Sultan Kudarat	39.0	40.0	40.5	41.2	42.6	45.1	46.5	45.1	39.3	39.3
Caraga	12.8	12.5	5.9	..	..	1.0	..	0.3	0.9	1.0
Agusan del Norte	1.7	1.6	1.4	..	..	..	..	..	0.0	0.0
Agusan del Sur	..	..	..	..	..	..	..	..	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	10.1	9.8	4.2	..	..	..	..	0.3	0.0	0.2
Surigao del Sur	1.1	1.1	0.3	..	..	1.0	..	..	0.9	0.9
ARMM	8.8	1.0	1.1	..	..	0.7	0.7	0.3	0.3	0.3
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	..	..	..	..	..	..	..	..	..	..
Maguindanao	8.8	1.0	1.1	..	..	0.1	0.2	..	..	..
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	0.6	0.5	0.3	0.3	0.3

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Watermelon										
Philippines	**103,247.9**	**97,106.5**	**110,238.4**	**101,523.7**	**105,095.4**	**130,005.1**	**131,529.6**	**148,030.4**	**143,880.4**	**147,319.5**
CAR	372.8	376.8	377.7	376.4	375.0	372.0	117.6	141.0	140.2	141.8
Abra	372.8	376.8	377.7	376.4	375.0	372.0	117.6	141.0	140.2	141.8
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	27,503.8	23,846.3	22,247.4	24,567.1	23,840.2	23,864.8	24,707.0	26,935.8	26,697.9	26,094.7
Ilocos Norte	3,598.0	3,791.2	3,999.6	4,113.9	4,305.0	4,525.7	4,628.7	4,824.4	4,759.6	4,872.7
Ilocos Sur	818.9	718.1	862.3	738.4	803.1	870.2	898.4	903.4	933.3	964.8
La Union	310.5	276.9	318.4	284.3	401.1	428.4	469.1	739.9	859.4	992.7
Pangasinan	22,776.4	19,060.2	17,067.1	19,430.5	18,331.1	18,040.5	18,710.9	20,468.2	20,145.7	19,264.6
Cagayan Valley	13,498.5	10,418.9	10,450.9	9,541.2	10,353.1	11,539.0	7,097.2	7,416.0	6,992.5	9,644.4
Batanes	..	..	..	..	54.5	55.8	29.9	9.8	6.4	1.9
Cagayan	12,008.8	9,197.9	9,505.7	8,369.3	8,652.9	10,130.3	5,783.8	6,045.6	5,468.5	7,960.2
Isabela	1,480.4	1,206.0	945.2	1,164.0	1,640.8	1,350.6	1,282.3	1,353.7	1,473.4	1,628.6
Nueva Vizcaya	9.3	15.0	..	8.0	5.0	2.3	1.3	6.9	41.7	39.7
Quirino	..	..	..	..	..	..	..	..	2.6	14.0
Central Luzon	7,171.2	6,259.2	7,233.1	6,505.2	6,548.0	7,537.5	6,766.9	7,102.9	6,850.9	7,307.2
Aurora	4.0	5.0	6.0	6.2	6.7	33.1	21.2	22.2	30.0	58.0
Bataan	1,928.0	1,695.2	1,785.7	1,647.0	1,575.0	1,370.0	1,302.0	1,246.0	965.0	1,051.0
Bulacan	1,400.0	850.0	1,810.0	1,201.0	1,164.0	2,167.0	1,095.0	1,521.0	1,593.0	1,710.0
Nueva Ecija	2,217.1	2,227.7	2,249.9	2,245.3	2,235.9	2,253.6	2,265.1	2,302.4	2,257.6	2,427.9
Pampanga	498.0	485.0	435.0	485.0	547.5	560.0	585.0	513.0	546.5	587.7
Tarlac	368.1	372.3	356.5	361.2	299.0	309.8	581.2	578.3	549.7	579.8
Zambales	756.0	624.0	590.0	559.6	720.0	844.0	917.5	920.0	909.1	892.8
CALABARZON	3,141.7	2,693.3	3,454.0	2,580.9	2,876.0	2,754.8	2,950.7	2,950.0	2,899.2	2,381.8
Batangas	..	..	..	..	..	..	..	..	..	7.0
Cavite	60.4	47.5	55.4	51.2	598.0	633.0	687.8	314.1	305.6	253.0
Laguna	2,244.8	1,790.5	2,439.8	1,581.6	1,439.8	1,230.4	1,293.9	1,724.3	1,748.3	1,234.3
Quezon	537.5	563.5	610.4	600.1	491.2	543.4	615.0	496.5	478.7	502.4
Rizal	299.0	291.8	348.4	348.0	347.0	348.0	354.0	415.0	366.6	385.1
MIMAROPA	2,100.7	2,119.2	2,298.2	2,337.6	2,542.0	2,644.4	2,934.4	3,191.8	3,413.0	3,522.8
Marinduque	319.9	314.0	308.5	291.9	276.2	259.4	267.7	273.0	292.1	318.1
Occidental Mindoro	166.1	161.2	167.1	176.6	190.9	273.5	339.8	343.3	433.9	480.8
Oriental Mindoro	173.1	180.3	233.6	199.8	319.3	249.2	243.3	278.7	235.6	177.4
Palawan	1,344.0	1,364.1	1,483.9	1,563.3	1,648.1	1,752.7	1,969.5	2,181.8	2,340.2	2,429.9
Romblon	97.6	99.6	105.0	106.0	107.6	109.5	114.0	115.0	111.3	116.7
Bicol Region	4,052.8	3,682.1	4,670.7	5,103.6	5,341.4	5,421.3	5,423.8	5,597.7	5,756.4	5,685.6
Albay	123.4	128.8	134.0	123.0	113.0	105.3	94.7	98.0	88.2	95.6
Camarines Norte	3,890.0	3,510.0	4,476.0	4,927.0	5,175.0	5,252.2	5,248.0	5,408.7	5,583.3	5,503.3
Camarines Sur	2.7	0.3	14.3	8.9	3.2	3.2	12.4	11.4	11.9	6.0
Catanduanes	7.5	7.2	7.2	7.0	7.3	7.4	7.5	7.3	7.7	7.5
Masbate	4.0	4.3	4.5	4.0	4.3	4.8	5.5	5.4	5.2	5.8
Sorsogon	25.3	31.6	34.7	33.7	38.8	48.4	55.7	66.9	60.2	67.4
Western Visayas	36,097.7	38,379.9	49,139.8	42,928.8	44,635.4	66,493.9	71,516.2	83,876.5	79,960.8	81,380.6
Aklan	180.0	205.0	249.8	213.8	193.6	80.0	110.5	190.1	230.3	270.4
Antique	786.0	616.6	716.5	607.4	513.9	534.3	551.8	570.3	617.1	778.1
Capiz	62.3	96.0	111.9	103.7	99.3	106.4	114.7	148.0	129.5	111.6
Guimaras	53.3	77.2	81.8	75.4	108.7	120.4	126.2	131.2	161.4	212.1
Iloilo	34,460.3	36,870.2	47,355.0	41,284.0	43,209.0	65,118.6	70,069.0	82,296.0	78,362.7	79,456.5
Negros Occidental	555.9	515.0	624.9	644.5	511.0	534.3	544.1	541.0	459.9	551.9
Central Visayas	1,397.7	1,367.0	1,437.8	818.1	883.3	995.5	1,071.9	1,166.6	1,284.7	1,455.2
Bohol	1,300.0	1,266.0	1,348.0	784.9	807.0	902.4	962.1	1,052.0	1,163.3	1,350.2
Cebu	24.4	38.6	40.0	26.2	61.7	75.0	93.2	101.5	104.5	87.7
Negros Oriental	56.6	48.5	41.6	..	..	6.0	5.3	5.2	4.1	3.4
Siquijor	16.6	13.9	8.2	7.0	14.7	12.1	11.3	7.9	13.0	13.9
Eastern Visayas	681.4	674.3	798.7	777.8	775.5	721.3	647.9	700.0	675.7	646.0
Biliran	72.2	62.9	35.3	34.8	34.6	31.5	26.0	26.1	23.9	22.9
Eastern Samar	32.8	34.0	35.5	35.6	39.7	41.5	33.5	35.6	32.6	20.2
Leyte	327.0	317.9	316.5	305.6	300.4	231.1	183.8	209.0	200.0	178.0
Northern Samar	35.8	36.8	37.4	39.4	40.3	41.5	43.3	46.5	49.9	52.4
Southern Leyte	113.4	118.2	249.0	246.8	244.0	257.2	243.0	253.8	239.2	244.2
Samar (Western Sama	100.2	104.6	125.1	115.6	116.6	118.7	118.4	129.0	130.1	128.3
Zamboanga Peninsula	889.0	838.3	997.9	665.1	542.9	532.0	487.2	637.7	866.4	818.6
Zamboanga del Norte	156.9	114.9	191.8	78.0	26.4	32.6	26.0	180.4	197.4	130.2
Zamboanga del Sur	592.3	589.3	662.7	468.0	407.8	419.9	396.8	416.0	631.0	649.3
Zamboanga Sibugay	136.9	131.7	141.1	117.1	105.5	76.1	60.9	28.5	23.8	25.5
Zamboanga City	3.0	2.4	2.3	2.1	3.3	3.4	3.4	12.7	14.1	13.6
Northern Mindanao	1,010.6	1,030.5	1,241.0	1,129.3	1,277.8	1,502.9	1,889.7	2,023.7	2,246.6	2,258.0
Bukidnon	123.0	109.0	99.0	87.0	87.0	135.0	130.0	96.0	239.0	260.0
Camiguin	29.1	39.1	34.9	10.0	8.9	13.3	19.1	26.5	20.4	19.1
Lanao del Norte	714.0	710.5	845.0	900.0	970.0	1,020.0	1,030.0	1,171.0	1,183.0	1,135.0
Misamis Occidental	59.9	69.1	85.7	92.3	99.0	110.6	130.6	144.2	150.0	159.9
Misamis Oriental	84.6	102.8	176.4	40.0	113.0	224.0	580.0	586.0	654.3	684.0
Davao Region	1,036.5	1,062.7	1,022.6	970.1	964.4	874.5	1,096.3	1,069.6	1,090.1	1,177.1
Davao del Norte	100.4	82.1	101.7	103.7	114.7	116.9	134.5	167.0	197.8	193.1
Davao del Sur	289.6	337.6	356.6	378.9	391.5	372.6	378.6	372.4	377.9	386.2
Davao Oriental	233.2	218.2	202.6	195.8	184.3	133.4	276.1	228.1	237.2	281.4
Compostela Valley	40.9	44.7	45.0	50.8	49.5	42.5	92.0	94.6	95.9	110.7
Davao City	372.5	380.1	316.7	240.9	224.4	209.3	215.2	207.6	181.4	205.6
SOCCSKSARGEN	1,352.3	1,340.9	1,815.5	1,276.0	1,397.6	1,761.1	1,982.1	2,131.5	2,387.6	2,298.9
North Cotabato	419.9	421.8	434.3	372.4	366.1	327.1	365.6	378.3	301.4	468.1
Sarangani	44.2	27.4	66.6	56.5	62.0	83.5	93.5	75.0	75.1	58.5
South Cotabato	459.0	612.0	1,018.0	622.3	710.4	779.8	966.8	1,120.2	1,456.5	1,351.1
Sultan Kudarat	429.3	279.7	296.6	224.7	259.1	570.8	556.3	558.1	554.6	421.3
Caraga	2,814.2	2,902.4	2,900.4	1,914.1	2,697.5	2,943.3	2,793.6	3,009.8	2,535.0	2,425.7
Agusan del Norte	120.8	103.4	104.7	66.2	681.1	614.7	526.0	446.1	426.5	429.3
Agusan del Sur	174.4	174.8	276.6	82.3	68.5	77.4	263.8	338.3	312.3	292.8
Dinagat Islands	..	..	..	..	..	348.4	284.0	243.0	225.6	224.1
Surigao del Norte	2,349.0	2,424.9	1,939.2	1,438.9	1,685.8	1,560.6	1,313.8	1,699.3	1,111.7	1,007.7
Surigao del Sur	170.0	199.4	580.0	326.7	262.0	342.3	406.0	283.2	459.0	471.8
ARMM	127.0	114.6	152.6	32.5	45.3	46.7	47.0	80.0	83.4	81.1
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	9.5	9.1	12.2	12.5	11.3	13.2	13.5	14.7	15.8	15.9
Maguindanao	106.0	105.5	140.4	20.0	34.0	33.5	33.5	65.3	67.7	65.2
Sulu	11.5	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Asparagus										
Philippines	**11,890.6**	**7,121.4**	**4,636.5**	**3,443.1**	**4,105.8**	**3,213.0**	**2,939.4**	**2,742.1**	**2,172.3**	**1,903.9**
CAR	0.9	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	0.9	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	..	..	..	..	..	..	..
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	..	..	..	..	..	..	..
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	0.5	1.1	1.5	1.9	2.0	2.0	3.3	4.8	14.4
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	0.5	1.1	1.5	1.9	2.0	2.0	3.3	4.8	14.4
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	1.6	1.6	1.6	2.0	1.9	1.9	1.5	1.3	1.3	1.2
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	1.6	1.6	1.6	2.0	1.9	1.9	1.5	1.3	1.3	1.2
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	4.9	4.1	3.6	4.1	4.4	4.1	3.7	2.1	0.9	0.9
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	4.9	4.1	3.6	4.1	4.4	4.1	3.7	2.1	0.9	0.9
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	18.0	15.3	7.5	3.0	..	..	..	..	0.4	1.7
Bukidnon	18.0	15.3	7.5	3.0	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	0.4	1.7
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	11,865.2	7,099.9	4,622.8	3,432.5	4,097.7	3,205.0	2,932.2	2,735.4	2,165.0	1,885.8
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	11,865.2	7,099.9	4,622.8	3,432.5	4,097.7	3,205.0	2,932.2	2,735.4	2,165.0	1,885.8
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
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Ampalaya										
Philippines	**85,385.2**	**86,497.5**	**88,437.3**	**86,599.3**	**87,090.4**	**89,886.6**	**90,110.8**	**88,917.5**	**87,459.9**	**89,459.7**
CAR	447.3	454.0	453.8	455.1	472.3	490.7	471.3	475.0	442.3	453.8
Abra	316.1	322.5	328.4	328.3	331.8	326.5	301.7	308.0	302.2	311.0
Apayao	8.6	8.1	7.8	7.9	14.9	24.0	30.2	34.8	27.4	32.1
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	65.5	64.5	55.7	56.0	55.6	55.7	56.8	58.9	57.4	58.7
Kalinga	53.4	55.2	58.2	59.2	66.3	81.0	79.0	73.4	55.3	52.0
Mountain Province	3.7	3.7	3.7	3.7	3.7	3.6	3.7	..	..	..
Ilocos Region	10,403.4	9,859.6	9,914.9	9,628.7	9,617.7	9,844.1	9,941.7	9,991.8	9,622.4	10,028.6
Ilocos Norte	2,888.8	2,808.7	2,854.2	2,915.5	2,997.9	3,133.0	3,095.5	3,118.4	3,182.9	3,265.4
Ilocos Sur	2,009.7	1,790.9	1,926.5	1,917.4	1,969.1	2,013.0	1,982.0	2,040.3	2,062.0	2,107.7
La Union	1,933.9	1,845.1	1,774.6	1,762.9	1,737.6	1,785.0	1,970.0	2,041.4	2,065.0	2,039.2
Pangasinan	3,571.1	3,414.8	3,359.7	3,033.0	2,913.1	2,913.0	2,894.2	2,791.7	2,312.4	2,616.4
Cagayan Valley	7,823.6	7,600.1	6,450.2	6,610.1	6,669.4	6,893.6	6,571.8	6,233.8	5,714.1	5,751.5
Batanes	..	..	..	..	31.2	23.7	22.3	12.1	12.3	7.5
Cagayan	2,312.5	2,080.8	1,691.2	1,771.5	1,888.3	1,974.1	1,917.7	1,639.2	1,427.0	1,418.0
Isabela	3,266.9	3,508.6	3,135.7	3,367.7	3,359.7	3,541.5	3,226.3	3,263.8	3,052.0	3,167.1
Nueva Vizcaya	1,988.7	1,730.7	1,374.3	1,260.8	1,184.8	1,150.8	1,193.6	1,120.4	1,026.9	970.8
Quirino	255.5	280.0	249.0	210.1	205.5	203.5	211.9	198.3	195.8	188.1
Central Luzon	24,952.7	24,991.0	25,750.0	25,034.1	25,281.1	25,140.8	25,304.5	25,553.6	25,112.3	25,717.2
Aurora	178.0	174.9	181.5	181.8	181.9	171.0	195.6	198.3	181.2	204.3
Bataan	107.8	108.2	109.3	112.0	111.4	116.7	148.2	148.3	143.0	152.3
Bulacan	3,743.0	3,674.0	3,979.0	3,999.0	4,025.0	3,922.0	4,144.0	4,282.0	4,143.4	4,391.0
Nueva Ecija	12,189.9	12,307.1	12,997.5	12,821.5	12,977.3	13,125.0	12,870.0	13,001.2	12,634.7	11,867.4
Pampanga	7,103.0	7,081.0	6,996.0	6,648.0	6,685.0	6,555.0	6,601.0	6,578.0	6,715.6	7,650.8
Tarlac	1,411.3	1,410.5	1,258.2	1,040.4	1,043.9	989.2	1,023.0	989.9	959.0	1,105.7
Zambales	219.6	235.3	228.4	231.5	256.6	262.0	322.8	356.0	335.3	345.8
CALABARZON	20,815.7	22,336.6	24,003.6	24,029.8	24,224.1	24,194.1	22,315.3	21,272.2	21,322.6	20,878.4
Batangas	2,338.0	3,015.2	4,579.0	6,043.0	5,540.0	5,643.5	5,779.0	5,262.5	5,866.7	6,024.7
Cavite	3,147.7	3,121.0	3,132.9	3,018.8	3,109.3	3,049.1	2,760.6	2,671.2	2,561.2	2,491.0
Laguna	1,566.3	1,686.3	1,673.6	1,698.5	1,612.2	1,616.6	1,157.5	1,312.4	1,186.9	1,182.5
Quezon	13,631.4	14,380.3	14,489.0	13,138.6	13,830.0	13,748.1	12,478.4	11,869.3	11,563.4	11,044.6
Rizal	132.3	133.9	129.2	130.9	132.6	136.9	139.8	156.8	144.5	135.6
MIMAROPA	490.3	505.7	535.9	562.3	598.1	872.4	1,047.8	1,163.5	1,239.6	1,655.7
Marinduque	158.4	161.6	154.9	155.9	160.8	165.0	161.6	175.1	179.8	183.7
Occidental Mindoro	141.1	137.6	147.0	140.9	147.7	236.4	249.5	309.4	321.6	315.1
Oriental Mindoro	44.6	42.1	46.7	49.4	49.9	146.1	211.7	198.1	234.7	587.6
Palawan	46.7	59.8	78.6	102.2	125.8	206.5	291.2	344.6	365.4	404.4
Romblon	99.5	104.6	108.7	113.9	114.0	118.5	133.9	136.3	138.2	165.0
Bicol Region	2,883.8	2,918.9	2,895.0	2,816.4	2,939.8	3,095.1	2,746.2	2,695.4	2,798.2	2,900.0
Albay	845.0	825.0	841.5	806.4	872.7	944.5	663.7	626.1	648.4	679.8
Camarines Norte	334.2	327.0	309.0	300.0	314.8	325.0	300.7	311.1	314.4	298.8
Camarines Sur	956.8	987.4	940.3	899.2	909.6	918.7	906.9	920.1	1,012.1	1,080.3
Catanduanes	16.0	15.3	15.9	15.8	15.7	16.0	15.7	14.9	14.4	9.7
Masbate	643.9	659.9	667.2	666.3	691.8	769.2	740.5	701.9	695.7	715.6
Sorsogon	88.0	104.4	121.0	128.7	135.3	121.7	118.8	121.4	113.3	115.8
Western Visayas	2,348.3	2,454.7	2,652.5	2,720.3	2,718.6	2,634.9	2,725.8	2,808.7	2,851.4	3,043.4
Aklan	258.4	269.9	277.1	275.1	270.0	234.2	211.3	199.1	190.7	183.4
Antique	308.1	264.5	294.2	299.2	319.2	298.9	316.4	328.5	330.1	408.7
Capiz	426.0	378.4	419.1	438.1	481.2	455.8	456.9	526.0	526.3	562.8
Guimaras	153.5	159.0	164.0	166.9	176.2	175.2	174.5	192.7	191.9	235.6
Iloilo	667.5	768.2	830.0	852.0	801.0	810.5	889.0	884.0	931.0	976.1
Negros Occidental	534.8	614.8	668.1	689.0	671.0	660.3	677.6	678.5	681.5	676.8
Central Visayas	3,927.4	3,944.9	4,154.7	3,226.7	2,810.6	3,721.0	4,119.1	3,970.7	3,716.9	3,852.5
Bohol	1,871.0	1,931.5	2,211.7	1,315.6	877.7	917.8	1,143.7	1,130.2	1,050.7	1,340.7
Cebu	1,383.5	1,366.1	1,344.2	1,328.7	1,378.9	1,318.6	1,446.4	1,369.8	1,356.7	1,405.7
Negros Oriental	619.5	588.4	546.3	522.0	497.7	1,427.5	1,471.8	1,413.6	1,259.4	1,055.7
Siquijor	53.3	58.9	52.4	60.4	56.4	57.1	57.2	57.1	50.2	50.4
Eastern Visayas	1,144.4	1,165.2	1,177.0	1,180.4	1,196.4	1,182.1	1,083.4	1,119.3	1,112.9	1,101.8
Biliran	62.9	64.9	70.9	71.2	71.3	70.9	67.0	67.3	67.8	68.5
Eastern Samar	33.1	33.5	33.8	33.7	34.2	28.6	26.6	20.5	19.9	16.5
Leyte	693.2	704.3	712.7	714.2	726.1	718.6	624.2	663.4	657.0	647.6
Northern Samar	96.9	100.0	102.9	105.6	108.5	114.3	118.5	117.4	111.2	113.2
Southern Leyte	118.8	120.7	122.5	124.3	126.3	130.3	127.2	135.3	137.0	141.6
Samar (Western Sama	139.5	141.9	134.2	131.4	130.0	119.4	119.8	115.4	120.0	114.4
Zamboanga Peninsula	2,689.2	2,727.3	2,717.4	2,678.5	2,718.5	3,618.8	5,294.4	5,248.3	5,180.1	5,083.7
Zamboanga del Norte	231.0	243.9	247.3	264.9	270.0	308.3	317.1	313.5	307.9	286.9
Zamboanga del Sur	397.3	368.4	338.6	316.3	320.5	539.6	731.5	771.8	783.2	807.0
Zamboanga Sibugay	137.1	141.8	137.8	130.3	139.0	149.8	165.1	166.5	174.5	184.2
Zamboanga City	1,923.9	1,973.3	1,993.9	1,967.1	1,989.0	2,621.1	4,080.6	3,996.5	3,914.5	3,805.7
Northern Mindanao	2,312.2	2,350.3	2,449.1	2,650.7	2,735.9	2,828.1	2,922.0	2,882.3	2,899.2	3,023.3
Bukidnon	425.0	445.0	436.0	460.0	475.0	497.0	500.0	505.0	518.0	536.0
Camiguin	24.4	26.7	36.5	39.8	39.6	36.2	34.8	41.3	37.6	41.6
Lanao del Norte	456.0	471.0	489.0	501.5	513.0	525.0	527.6	523.4	542.7	540.5
Misamis Occidental	282.4	300.7	316.9	339.5	343.3	354.9	355.6	359.6	356.0	366.2
Misamis Oriental	1,124.4	1,107.0	1,170.7	1,309.8	1,365.0	1,415.0	1,504.0	1,453.0	1,445.0	1,539.1
Davao Region	2,603.4	2,585.4	2,631.7	2,530.1	2,504.4	2,607.8	2,802.8	2,802.1	2,725.8	2,835.1
Davao del Norte	295.3	289.7	286.5	278.4	280.9	280.9	284.7	287.6	302.7	301.5
Davao del Sur	475.0	478.5	487.2	467.5	476.2	475.4	499.1	500.4	502.7	580.8
Davao Oriental	349.4	344.9	344.8	328.4	336.8	337.5	359.4	354.4	350.0	346.8
Compostela Valley	799.9	798.4	835.5	836.5	755.8	851.1	971.6	971.8	943.9	933.8
Davao City	683.9	674.0	677.8	619.3	654.7	662.9	688.0	688.0	626.5	672.3
SOCCSKSARGEN	1,440.4	1,500.4	1,507.6	1,532.6	1,546.3	1,606.6	1,599.5	1,511.0	1,389.8	1,362.1
North Cotabato	868.8	890.8	909.3	929.5	952.7	987.5	993.1	913.3	846.6	866.5
Sarangani	98.3	100.0	91.5	96.5	94.8	94.8	94.6	101.5	91.5	96.5
South Cotabato	178.5	198.8	188.1	199.1	185.1	212.7	209.6	196.3	195.9	191.0
Sultan Kudarat	294.8	310.8	318.7	307.5	313.8	311.7	302.2	299.9	255.9	208.2
Caraga	806.8	813.3	853.2	656.1	754.1	851.3	866.0	885.1	1,026.7	1,461.5
Agusan del Norte	139.0	124.9	130.8	123.9	153.4	203.7	211.0	174.5	172.5	172.7
Agusan del Sur	370.1	387.5	399.2	354.8	410.6	454.8	466.3	513.7	650.0	1,074.0
Dinagat Islands	..	..	..	..	..	8.4	5.1	4.4	3.6	4.0
Surigao del Norte	63.2	66.2	72.2	30.0	45.0	31.5	31.1	25.0	19.4	25.6
Surigao del Sur	234.5	234.7	251.0	147.4	145.0	153.0	152.5	167.5	181.2	185.2
ARMM	296.4	290.0	290.8	287.6	303.1	305.3	299.3	304.7	305.7	311.1
Basilan	26.4	23.8	23.5	24.0	24.5	24.9	24.4	24.4	24.0	24.9
Lanao del Sur	100.1	101.5	102.8	99.8	109.2	114.0	108.5	113.0	113.7	114.2
Maguindanao	98.8	93.6	93.4	89.6	91.5	91.6	92.9	94.6	97.9	100.0
Sulu	34.1	33.8	37.4	40.0	42.0	41.8	42.9	43.3	39.3	41.2
Tawi-tawi	37.1	37.4	33.7	34.2	36.0	33.0	30.7	29.5	31.0	30.8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Brocolli										
Philippines	**2,602.1**	**2,684.7**	**2,699.5**	**2,880.9**	**2,994.0**	**3,026.4**	**3,064.3**	**2,911.1**	**2,859.0**	**3,159.1**
CAR	1,851.8	1,858.0	1,846.9	1,864.0	1,919.3	1,948.4	1,984.1	1,890.1	1,820.6	2,077.0
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,839.9	1,846.0	1,846.9	1,830.8	1,859.3	1,886.8	1,921.8	1,851.6	1,777.5	2,026.0
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	11.9	12.0	..	33.2	60.0	61.6	62.4	38.5	43.1	51.0
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	15.6	24.4	17.2	16.1	16.1	16.7	22.2
Batanes	..	..	..	..	2.7	2.0	1.9	1.7	0.3	0.2
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	..	..	..	15.6	21.6	15.2	14.2	14.4	16.4	22.0
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	0.5	0.6
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0.5	0.6
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	3.4	8.0	4.3	1.0	1.4	1.2	6.8	0.5	0.2	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	3.4	8.0	4.3	1.0	1.4	1.2	6.8	0.5	0.2	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	2.9	2.6	2.9	6.6	7.6	7.5	6.8	11.5	10.4	9.2
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	2.9	2.6	2.9	6.6	7.6	7.5	6.8	11.5	10.4	9.2
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	95.7	125.8	160.8	204.3	245.9	222.0	167.1	169.3	168.2	151.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	3.8	4.3	0.8	0.3	..	..	..	..	..	..
Negros Oriental	91.9	121.5	160.0	204.1	245.9	222.0	167.1	169.3	168.2	151.0
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	640.5	680.2	675.1	780.0	786.0	820.6	872.0	812.0	827.5	876.7
Bukidnon	625.0	670.0	650.0	735.0	750.0	790.0	815.0	765.0	785.0	833.0
Camiguin	0.0	0.0	0.1	..	..	0.1	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	2.0	..	0.1
Misamis Oriental	15.5	10.1	25.0	45.0	36.0	30.5	57.0	45.0	42.5	43.6
Davao Region	6.1	8.1	8.2	7.9	7.6	8.1	9.7	9.7	12.5	18.2
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	6.1	8.1	8.2	7.9	7.6	8.1	9.7	9.7	12.5	18.2
SOCCSKSARGEN	1.8	2.0	1.4	1.5	1.8	1.6	1.8	1.9	2.5	4.3
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	1.8	2.0	1.4	1.5	1.8	1.6	1.8	1.9	2.5	4.3
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
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cabbage										
Philippines	**128,865.0**	**124,711.7**	**128,964.0**	**125,309.5**	**126,380.5**	**127,463.5**	**127,986.5**	**125,752.4**	**123,080.0**	**122,474.1**
CAR	102,894.4	99,155.2	102,343.6	98,942.8	99,361.7	99,957.6	99,520.1	97,306.8	94,727.8	94,233.0
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	84,547.2	84,246.3	88,796.9	85,206.6	85,480.8	85,874.2	85,139.3	84,472.4	81,778.0	80,634.0
Ifugao	560.2	537.9	497.1	490.3	500.7	504.1	510.4	504.9	475.9	495.0
Kalinga	15.3	14.7	16.9	19.1	20.8	27.7	26.3	29.7	24.3	23.9
Mountain Province	17,771.7	14,356.4	13,032.7	13,226.9	13,359.4	13,551.6	13,844.1	12,299.7	12,449.7	13,080.1
Ilocos Region	2,789.6	2,538.6	2,887.5	3,012.5	3,044.0	3,159.7	3,215.1	3,257.1	3,265.2	3,300.3
Ilocos Norte	133.3	135.2	138.1	137.4	135.7	142.8	147.4	142.1	147.3	150.4
Ilocos Sur	2,649.3	2,395.6	2,742.1	2,866.9	2,900.6	3,008.7	3,058.7	3,106.5	3,112.6	3,149.9
La Union	7.0	7.8	7.4	8.1	7.8	8.1	9.0	8.5	5.2	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	1,435.7	1,390.1	1,359.8	1,273.9	1,227.9	1,183.8	1,188.7	1,537.2	1,611.7	1,665.2
Batanes	..	..	..	..	24.4	18.9	18.3	18.6	16.4	18.5
Cagayan	424.6	486.5	571.7	535.5	505.0	512.1	506.1	849.2	906.6	959.7
Isabela	93.8	70.9	37.3	24.9	12.1	3.8	19.6	23.3	19.9	8.8
Nueva Vizcaya	917.2	832.8	750.9	713.6	686.5	649.0	644.7	646.1	652.5	660.3
Quirino	..	..	..	..	..	..	..	..	16.3	18.0
Central Luzon	..	..	..	..	..	..	..	..	0.1	0.1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0.1	0.1
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	1,036.8	865.9	863.4	847.7	853.2	797.4	828.3	760.5	696.0	615.9
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	772.2	563.6	550.9	585.6	597.8	578.0	596.8	545.3	489.0	473.7
Quezon	264.7	302.2	312.5	262.1	255.4	219.4	231.5	215.2	207.0	142.2
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	25.6	25.8	27.7	27.6	27.9	28.6	29.7	32.6	32.9	33.0
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	25.6	25.8	27.7	27.6	27.9	28.6	29.7	32.6	32.9	33.0
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	331.5	300.5	282.7	264.7	255.8	239.1	186.8	112.4	113.6	111.9
Albay	216.8	210.4	199.5	184.1	176.9	165.0	116.7	105.1	105.4	99.7
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	107.1	82.7	76.6	74.2	72.2	67.4	63.9	0.5	2.0	6.4
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	7.7	7.4	6.6	6.4	6.8	6.7	6.1	6.8	6.2	5.8
Western Visayas	537.7	476.5	476.6	484.2	488.0	451.3	440.7	484.0	449.6	487.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	57.2	48.7	49.5	55.6	61.0	56.3	55.6	49.0	46.9	55.5
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	324.5	275.0	270.4	269.0	275.1	258.2	248.0	299.8	272.5	295.5
Negros Occidental	156.1	152.8	156.7	159.7	151.9	136.8	137.0	135.2	130.1	136.0
Central Visayas	6,523.7	6,828.0	7,786.5	7,947.5	8,198.9	8,518.6	8,687.9	8,500.2	8,641.9	8,340.5
Bohol	0.3	..	..	..	..	..	..	..	63.9	145.5
Cebu	5,201.4	5,199.8	5,876.6	5,990.8	5,920.5	6,214.1	6,417.5	6,124.5	6,095.4	6,133.6
Negros Oriental	1,322.0	1,628.2	1,909.8	1,956.7	2,278.4	2,303.5	2,270.0	2,374.4	2,481.0	2,058.9
Siquijor	..	..	0.1	..	..	1.0	0.3	1.3	1.5	2.5
Eastern Visayas	193.9	195.9	187.5	181.0	179.6	149.4	132.8	138.1	136.9	116.5
Biliran	93.4	97.1	89.7	86.3	86.3	84.8	80.0	80.2	80.7	58.0
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	75.4	74.6	74.6	73.0	73.2	53.7	45.0	50.7	48.9	51.4
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	25.1	24.2	23.3	21.8	20.2	10.9	7.8	7.3	7.3	7.1
Zamboanga Peninsula	298.3	311.1	313.7	317.0	325.7	534.3	773.0	792.7	821.1	789.8
Zamboanga del Norte	30.8	33.3	32.5	28.9	27.4	47.3	48.4	48.1	50.4	44.9
Zamboanga del Sur	45.5	45.9	44.8	46.2	47.3	134.7	182.2	194.6	213.8	197.8
Zamboanga Sibugay	11.6	13.0	12.9	13.3	13.3	10.4	9.9	9.5	10.6	10.7
Zamboanga City	210.4	218.9	223.6	228.8	237.7	341.9	532.6	540.4	546.3	536.4
Northern Mindanao	5,580.7	5,994.6	5,735.5	5,751.5	6,090.8	6,296.8	6,709.7	6,672.4	6,523.7	6,806.6
Bukidnon	4,670.0	5,040.0	4,795.0	4,835.0	5,075.0	5,136.0	5,300.0	5,350.0	5,382.0	5,647.0
Camiguin	4.2	0.1	..	..	..	..	2.0	0.8	0.2	0.5
Lanao del Norte	191.5	182.5	185.0	168.0	143.0	129.0	107.5	100.3	92.0	71.9
Misamis Occidental	280.9	329.1	358.5	405.5	432.8	444.8	458.3	448.4	441.0	432.3
Misamis Oriental	434.1	442.9	397.0	343.0	440.0	587.0	841.9	773.0	608.5	655.0
Davao Region	4,849.8	4,468.2	4,521.5	4,211.8	4,215.5	4,144.2	4,246.7	4,265.9	4,210.2	4,253.1
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	2,835.1	2,561.2	2,619.8	2,635.3	2,744.4	2,765.8	2,880.0	2,886.8	2,888.6	2,999.8
Davao Oriental	12.6	11.6	11.1	9.7	1.3	..	..	..	..	..
Compostela Valley	309.8	281.9	272.5	209.9	150.0	100.5	78.2	79.9	78.7	87.4
Davao City	1,692.2	1,613.5	1,618.1	1,357.0	1,319.8	1,277.9	1,288.5	1,299.3	1,242.9	1,165.9
SOCCSKSARGEN	1,497.6	1,483.3	1,544.8	1,564.1	1,640.5	1,531.9	1,563.7	1,430.4	1,384.9	1,292.4
North Cotabato	993.9	997.9	1,071.0	1,086.8	1,116.9	1,005.7	1,033.7	897.1	859.0	757.6
Sarangani	152.7	109.7	95.3	69.4	65.9	56.4	51.3	42.5	36.6	32.3
South Cotabato	335.3	355.5	349.6	368.1	401.4	412.5	422.0	435.0	431.2	429.4
Sultan Kudarat	15.7	20.2	28.9	39.8	56.4	57.4	56.7	55.8	58.1	73.1
Caraga	198.7	134.5	77.1	17.8	21.0	11.2	3.8	3.0	2.8	3.1
Agusan del Norte	115.0	92.8	54.9	..	1.1	..	..	..	..	..
Agusan del Sur	48.6	31.7	19.2	16.8	19.4	11.2	3.8	3.0	2.8	3.1
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	35.2	10.1	3.0	1.0	0.5	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	..
ARMM	671.1	543.5	556.2	465.4	449.9	459.5	459.7	459.2	461.8	425.7
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	57.2	55.8	54.7	53.7	56.6	62.4	61.2	59.4	59.8	59.9
Maguindanao	613.9	487.8	501.5	411.7	393.3	397.1	398.5	399.8	402.0	365.9
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Sweet Potato/Camote										
Philippines	**572,654.8**	**560,516.4**	**541,265.0**	**516,338.0**	**516,907.2**	**528,249.5**	**519,855.0**	**535,995.5**	**529,472.0**	**537,303.4**
CAR	17,353.3	17,186.9	16,519.7	15,976.1	15,710.6	15,560.3	15,610.2	15,142.5	14,460.4	13,315.6
Abra	641.4	650.2	656.8	644.8	652.0	660.3	683.6	694.5	695.0	704.5
Apayao	70.0	73.3	65.0	64.2	73.5	103.7	132.1	147.5	139.0	139.5
Benguet	6,806.4	6,798.4	6,422.8	6,005.3	5,645.0	5,552.2	5,669.8	5,570.5	5,453.9	5,200.5
Ifugao	7,418.8	7,377.8	7,327.9	7,323.8	7,341.5	7,181.5	7,251.4	6,989.1	6,842.3	6,167.8
Kalinga	162.5	164.8	168.6	172.4	182.0	225.0	224.0	221.1	215.5	173.7
Mountain Province	2,254.2	2,122.5	1,878.7	1,765.8	1,816.6	1,837.6	1,649.3	1,519.7	1,114.8	929.6
Ilocos Region	15,320.4	15,168.8	15,516.0	15,256.0	14,976.9	14,954.9	15,141.7	14,563.5	15,206.2	15,800.2
Ilocos Norte	1,816.8	1,821.7	1,860.8	1,897.8	1,951.7	2,011.7	2,062.0	2,092.4	2,144.6	2,181.7
Ilocos Sur	1,050.3	1,097.4	1,114.1	1,172.2	1,221.8	1,262.8	1,251.4	1,143.8	1,131.7	1,147.1
La Union	2,169.8	2,157.8	2,383.7	2,529.3	2,900.5	3,238.3	3,614.4	3,785.4	4,828.4	5,256.1
Pangasinan	10,283.6	10,091.9	10,157.4	9,656.7	8,902.8	8,442.1	8,214.0	7,541.8	7,101.6	7,215.2
Cagayan Valley	15,886.3	13,573.6	11,068.3	11,063.0	10,900.5	10,373.2	8,558.1	8,276.1	8,215.5	8,461.1
Batanes	..	..	..	..	541.7	520.0	473.3	469.5	377.7	397.6
Cagayan	2,944.1	2,393.3	2,150.3	2,408.6	2,592.6	2,725.0	2,971.6	3,199.9	3,215.2	3,637.5
Isabela	6,178.0	4,997.3	2,981.6	2,660.3	2,034.7	1,381.0	726.5	564.0	496.4	467.1
Nueva Vizcaya	6,594.1	5,978.5	5,750.5	5,814.0	5,536.5	5,555.5	4,195.9	3,798.4	3,879.6	3,714.6
Quirino	170.0	204.5	186.0	180.1	195.0	191.8	190.8	244.3	246.6	244.3
Central Luzon	31,554.7	31,685.0	31,543.6	30,004.4	31,196.0	31,027.2	32,822.0	47,309.0	47,855.6	50,925.2
Aurora	2,282.0	2,275.0	2,362.0	2,242.5	2,261.5	2,267.5	2,320.0	2,414.2	2,655.4	2,727.5
Bataan	1,634.8	1,539.6	1,545.3	1,542.0	1,514.5	1,378.0	2,161.0	2,745.5	2,609.0	2,620.2
Bulacan	610.0	636.0	707.5	717.0	718.1	746.0	773.0	763.0	767.0	782.5
Nueva Ecija	1,097.8	1,111.6	1,114.0	1,108.6	1,105.8	1,104.1	1,169.7	1,163.7	1,137.4	1,400.4
Pampanga	2,508.0	2,475.0	2,452.0	2,475.0	2,500.0	2,714.0	2,743.0	2,779.0	2,737.6	2,636.1
Tarlac	22,324.7	22,142.7	21,942.8	20,380.8	21,361.1	21,005.8	21,726.7	35,108.6	35,673.0	38,181.0
Zambales	1,097.5	1,505.1	1,420.0	1,538.5	1,735.0	1,811.8	1,928.6	2,335.0	2,276.4	2,577.5
CALABARZON	37,190.3	33,683.9	32,312.0	31,389.6	32,471.8	31,609.1	32,037.5	31,816.1	30,851.4	29,703.0
Batangas	86.7	90.1	89.1	91.0	72.0	198.8	129.5	277.4	309.5	318.4
Cavite	1,110.2	1,098.9	1,130.3	1,147.0	1,205.5	1,247.1	1,204.7	1,165.9	1,134.7	1,108.9
Laguna	1,192.2	1,170.6	1,164.4	1,129.5	1,141.5	1,170.5	1,125.0	1,159.9	1,146.1	1,266.4
Quezon	33,905.9	30,482.4	29,103.3	28,309.2	29,340.9	28,284.7	28,827.3	28,368.8	27,409.3	26,145.6
Rizal	895.4	841.9	824.9	713.0	712.0	708.0	751.0	844.0	851.8	863.7
MIMAROPA	12,552.8	12,661.9	12,850.8	13,318.8	13,882.0	15,143.6	15,865.5	16,493.2	16,396.0	17,140.9
Marinduque	795.2	792.5	778.3	787.3	825.8	838.1	852.9	951.3	1,156.9	1,179.9
Occidental Mindoro	5,993.0	5,842.9	5,925.3	6,183.7	6,573.3	6,622.2	6,792.0	7,079.5	7,372.6	7,712.9
Oriental Mindoro	1,358.6	1,372.5	1,440.9	1,476.3	1,503.9	2,349.7	2,770.6	2,878.2	2,452.8	2,500.7
Palawan	3,221.5	3,244.3	3,257.2	3,336.7	3,393.4	3,733.7	3,932.0	4,022.1	3,999.2	4,323.6
Romblon	1,184.4	1,409.8	1,449.3	1,534.8	1,585.6	1,599.9	1,518.1	1,562.1	1,414.5	1,423.9
Bicol Region	95,766.9	95,860.6	94,700.8	92,120.6	91,942.9	94,880.7	87,911.4	90,415.2	89,249.8	87,377.8
Albay	41,221.5	40,167.3	38,475.2	37,068.2	35,096.8	38,042.3	33,581.7	37,502.3	39,394.0	40,560.4
Camarines Norte	714.0	716.5	686.0	693.0	729.0	752.1	762.2	774.9	697.0	825.4
Camarines Sur	40,739.0	42,133.7	42,198.1	41,440.6	42,563.2	42,154.9	40,618.8	39,761.7	37,193.8	34,597.8
Catanduanes	5,532.6	5,211.5	5,660.5	5,318.0	5,252.7	5,394.4	5,349.0	5,118.9	5,204.2	4,567.2
Masbate	1,315.5	1,417.5	1,457.6	1,347.4	1,428.0	1,555.0	1,600.5	1,688.7	1,710.5	1,736.9
Sorsogon	6,244.4	6,214.1	6,223.4	6,253.4	6,873.2	6,981.9	5,999.1	5,568.8	5,050.3	5,090.2
Western Visayas	44,599.8	46,447.3	44,454.7	45,345.2	45,641.6	44,711.2	45,083.5	46,338.3	26,687.4	46,691.8
Aklan	2,075.5	2,421.7	2,425.4	2,370.4	2,383.2	2,048.2	2,121.4	2,053.3	2,065.1	2,086.2
Antique	3,326.9	3,553.9	3,414.6	3,219.8	3,147.6	2,976.5	2,883.7	3,592.3	3,823.0	4,100.7
Capiz	4,303.0	4,333.8	4,147.5	3,992.0	3,893.5	3,894.0	3,867.3	3,872.8	3,818.0	3,814.6
Guimaras	2,490.0	2,400.0	2,129.0	2,225.7	2,370.4	2,510.9	2,732.8	2,472.2	1,540.3	2,380.2
Iloilo	14,373.0	15,216.5	14,927.0	15,397.0	15,495.0	15,149.0	15,130.0	16,090.0	15,441.0	16,120.0
Negros Occidental	18,031.4	18,521.5	17,411.3	18,140.4	18,351.9	18,132.6	18,348.3	18,257.8	..	18,190.0
Central Visayas	47,557.2	47,021.8	40,846.9	38,718.3	32,555.2	32,814.1	33,980.0	31,479.9	22,825.0	32,242.2
Bohol	32,174.6	28,503.6	23,122.9	19,747.9	12,291.2	9,124.3	7,919.0	6,300.0	5,859.1	7,550.6
Cebu	10,106.2	10,798.8	10,190.0	10,163.1	10,923.2	12,618.5	14,323.8	14,969.2	16,550.2	15,848.8
Negros Oriental	4,678.0	7,122.4	6,970.0	8,227.8	8,768.8	10,525.4	11,190.2	9,709.1	..	8,387.8
Siquijor	598.5	597.0	564.0	579.5	572.0	545.8	547.0	501.6	415.7	455.0
Eastern Visayas	118,067.3	118,185.3	118,039.7	118,982.6	123,349.9	117,849.2	108,044.7	111,874.2	105,939.6	105,620.0
Biliran	2,019.0	1,982.8	1,936.8	1,880.5	1,971.6	1,833.2	1,768.6	1,883.7	1,893.0	1,880.0
Eastern Samar	6,947.9	6,989.4	7,007.2	6,986.8	7,296.8	6,399.8	6,230.6	6,240.0	5,600.2	4,918.3
Leyte	61,553.5	61,220.8	61,896.3	61,433.3	62,068.7	58,130.8	49,236.4	52,447.3	48,469.7	48,487.1
Northern Samar	21,484.5	22,247.8	23,176.3	23,876.0	26,575.7	28,118.7	28,955.9	28,934.6	27,605.3	27,864.4
Southern Leyte	5,612.5	5,624.5	5,740.1	6,914.0	7,254.2	7,339.5	6,989.5	8,143.6	8,306.6	8,610.2
Samar (Western Sama	20,450.0	20,120.0	18,283.0	17,892.0	18,183.0	16,027.2	14,863.7	14,225.1	14,064.9	13,860.0
Zamboanga Peninsula	10,205.0	9,854.0	8,773.8	8,951.8	8,546.8	20,201.6	21,895.2	22,959.0	24,055.2	24,169.9
Zamboanga del Norte	1,451.7	1,495.7	1,428.5	1,419.8	1,449.8	2,016.2	2,021.0	1,900.8	1,724.7	1,640.3
Zamboanga del Sur	4,579.1	4,094.9	3,558.3	3,984.9	3,712.0	11,941.3	12,197.6	13,117.9	13,367.9	13,148.7
Zamboanga Sibugay	3,332.7	3,384.9	2,907.8	2,657.2	2,477.0	4,206.9	4,828.7	5,053.6	6,005.8	6,156.5
Zamboanga City	841.5	878.6	879.3	890.0	907.9	2,037.2	2,847.9	2,886.8	2,956.9	3,224.4
Northern Mindanao	28,550.7	29,436.7	29,724.5	31,529.6	32,474.0	34,119.0	34,795.3	34,442.5	34,788.4	35,808.9
Bukidnon	10,935.0	11,045.0	11,030.0	12,020.0	12,240.0	12,074.0	12,380.0	12,300.0	12,320.0	12,872.0
Camiguin	731.7	633.7	601.1	613.9	605.2	636.1	630.2	614.7	576.4	617.2
Lanao del Norte	12,652.0	13,241.0	13,482.0	13,837.7	14,340.0	15,440.0	15,595.0	15,481.0	16,018.0	16,110.0
Misamis Occidental	1,518.4	1,675.3	1,742.6	2,113.3	2,274.8	2,831.0	2,892.2	2,726.8	2,568.0	2,784.5
Misamis Oriental	2,713.6	2,841.6	2,868.8	2,944.7	3,014.0	3,137.9	3,298.0	3,320.0	3,306.0	3,425.2
Davao Region	19,620.2	19,813.9	19,900.8	19,013.9	18,417.3	18,597.3	19,243.4	19,126.7	18,475.6	18,907.6
Davao del Norte	3,768.1	3,887.8	3,860.0	3,797.8	3,742.0	3,687.1	3,577.6	3,508.5	3,542.2	3,448.3
Davao del Sur	2,904.8	2,966.8	2,916.3	2,833.1	2,837.6	2,885.8	2,905.3	2,967.2	2,904.6	3,216.4
Davao Oriental	3,240.3	3,089.8	2,928.4	2,876.0	2,921.2	3,038.0	3,323.0	3,040.8	2,641.9	2,775.8
Compostela Valley	8,295.7	8,485.2	8,808.8	8,169.5	7,570.6	7,605.1	7,988.6	8,104.9	7,943.2	7,949.3
Davao City	1,411.3	1,384.3	1,387.3	1,337.6	1,345.9	1,381.4	1,448.8	1,505.3	1,443.8	1,517.9
SOCCSKSARGEN	9,734.6	10,154.9	10,457.0	10,783.2	10,782.0	10,802.8	10,547.0	9,273.8	7,907.7	7,781.2
North Cotabato	7,212.5	7,585.2	7,898.9	8,214.8	8,633.4	8,690.6	8,442.9	7,276.0	6,262.5	6,056.9
Sarangani	1,177.1	1,183.0	1,130.0	1,150.0	803.0	792.0	761.5	690.8	460.0	491.5
South Cotabato	599.2	626.6	642.7	679.5	585.1	582.6	619.5	589.2	480.7	501.2
Sultan Kudarat	745.7	760.1	785.4	738.9	760.6	737.6	723.1	718.0	704.5	731.5
Caraga	62,382.8	53,655.7	48,475.0	27,907.8	27,939.1	29,434.2	32,055.9	30,148.5	33,283.7	37,028.2
Agusan del Norte	16,731.0	15,859.0	14,738.8	10,086.8	8,697.9	7,956.6	8,304.8	8,369.4	8,385.9	7,774.1
Agusan del Sur	18,859.3	15,003.0	14,287.2	8,353.4	11,995.8	13,517.9	15,944.2	14,017.5	17,442.8	21,623.5
Dinagat Islands	..	..	..	..	..	732.0	483.0	466.0	389.2	381.9
Surigao del Norte	7,736.5	6,970.7	5,688.4	3,016.3	2,335.4	1,778.6	1,617.0	1,608.0	1,267.4	1,342.3
Surigao del Sur	19,056.0	15,823.0	13,760.6	6,451.4	4,910.0	5,449.0	5,707.0	5,687.6	5,798.4	5,906.5
ARMM	6,312.6	6,126.2	6,081.1	5,977.0	6,120.7	6,171.3	6,263.6	6,337.3	6,243.3	6,329.8
Basilan	879.4	864.9	828.9	832.6	853.2	871.0	883.0	872.0	844.9	877.8
Lanao del Sur	3,180.9	3,202.0	3,215.0	3,167.8	3,306.7	3,377.9	3,479.2	3,580.3	3,579.0	3,639.8
Maguindanao	1,201.5	1,049.0	1,046.0	1,013.0	1,021.5	1,025.3	1,028.1	1,028.8	1,027.0	1,029.7
Sulu	472.6	473.6	475.0	481.0	488.5	477.6	479.7	485.1	443.0	444.0
Tawi-tawi	578.2	536.7	516.2	482.6	450.9	419.5	393.7	371.0	349.5	338.6

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Carrots										
Philippines	**68,366.0**	**68,327.7**	**72,108.9**	**67,161.7**	**68,453.9**	**68,110.8**	**68,342.1**	**67,037.0**	**65,986.9**	**65,219.4**
CAR	60,302.8	59,023.8	63,352.5	58,766.1	60,126.1	60,038.4	60,507.3	59,526.8	58,695.0	58,319.4
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	52,918.8	52,617.5	57,706.0	53,964.6	55,471.0	55,399.5	55,786.5	55,133.6	54,499.9	54,387.1
Ifugao	593.2	567.9	519.0	508.4	512.6	514.2	518.8	515.8	503.7	511.7
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	6,790.8	5,838.4	5,127.5	4,293.1	4,142.6	4,124.7	4,202.1	3,877.3	3,691.3	3,420.7
Ilocos Region	1.9	1.8	1.5	1.3	1.3	1.3	1.2	0.3	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	1.9	1.8	1.5	1.3	1.3	1.3	1.2	0.3	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	802.2	818.2	758.1	712.5	609.2	601.8	584.6	594.9	575.2	596.7
Batanes	..	..	..	..	15.6	9.1	12.2	9.4	7.9	8.4
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	802.2	818.2	758.1	712.5	593.6	592.8	572.4	585.5	563.3	577.4
Quirino	..	..	..	..	..	..	..	..	4.0	11.0
Central Luzon	4.2	4.0	3.8	3.6	0.5	..	..	..	0.1	0.1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0.1	0.1
Nueva Ecija	4.2	4.0	3.8	3.6	0.5	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	18.4	19.7	22.1	46.4	43.9	33.4	33.3	31.1	30.3	24.7
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	2.0	2.0	2.1	2.2	2.0	2.1	1.9	..
Laguna	..	..	..	0.2	..	..	..	..	..	..
Quezon	18.4	19.7	20.1	44.2	41.8	31.2	31.3	29.0	28.4	24.7
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	3.0	3.0	2.5	2.4	2.4
Marinduque	..	..	..	..	..	3.0	3.0	2.5	2.4	2.4
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	21.0	19.0	20.0	20.8	21.5	22.0	22.3	18.0	16.6
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	21.0	19.0	20.0	20.8	21.5	22.0	22.3	18.0	16.6
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	129.4	127.9	153.6	149.2	135.6	139.1	143.7	139.5	87.5	149.2
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	15.6	15.1	37.7	31.9	25.7	26.4	26.6	31.9	32.8	35.8
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	61.7	60.8	63.6	65.0	57.9	62.5	64.9	57.4	54.8	45.7
Negros Occidental	52.1	52.1	52.4	52.3	52.1	50.2	52.2	50.3	..	67.7
Central Visayas	3,885.3	4,934.1	4,515.6	4,165.3	4,168.9	3,908.7	3,632.3	3,351.4	1,360.5	2,766.2
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	2,226.0	3,329.3	2,013.3	1,741.0	1,680.5	1,534.3	1,536.4	1,452.8	1,360.5	1,319.2
Negros Oriental	1,659.2	1,604.8	2,502.4	2,424.3	2,488.4	2,374.1	2,095.9	1,898.6	..	1,447.0
Siquijor	..	..	..	..	..	0.3	..	..	..	..
Eastern Visayas	12.7	13.2	13.1	12.3	12.2	11.9	11.9	11.9	11.9	4.0
Biliran	12.7	13.2	13.1	12.3	12.2	11.9	11.9	11.9	11.9	4.0
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	132.8	137.3	138.8	134.2	137.7	227.2	314.9	309.8	313.3	309.2
Zamboanga del Norte	31.6	31.5	32.0	30.8	30.5	50.4	47.9	44.8	46.1	43.4
Zamboanga del Sur	21.2	21.0	22.0	17.0	16.4	20.3	39.1	41.5	45.1	42.6
Zamboanga Sibugay	5.0	5.9	5.9	6.7	7.4	9.0	13.8	15.7	15.4	15.2
Zamboanga City	75.1	78.9	79.0	79.7	83.5	147.5	214.1	207.9	206.7	208.0
Northern Mindanao	1,200.7	1,346.7	1,284.5	1,260.7	1,296.3	1,244.5	1,263.8	1,231.8	1,226.5	1,246.9
Bukidnon	1,010.0	1,150.0	1,085.0	1,060.0	1,115.0	1,080.0	1,100.0	1,080.0	1,096.0	1,135.0
Camiguin	..	..	..	..	..	..	..	..	0.2	0.2
Lanao del Norte	92.7	95.0	97.0	88.0	65.0	54.0	41.5	32.0	13.5	..
Misamis Occidental	62.4	75.5	76.5	84.2	91.3	95.0	97.3	95.3	92.9	87.0
Misamis Oriental	35.6	26.2	26.0	28.5	25.0	15.5	25.0	24.6	23.9	24.7
Davao Region	1,400.0	1,426.0	1,406.0	1,419.5	1,422.5	1,390.0	1,308.8	1,279.5	1,240.8	1,261.9
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	869.7	932.2	932.2	1,028.5	1,042.3	1,068.6	1,088.6	1,062.8	1,070.8	1,120.9
Davao Oriental	11.1	11.0	11.1	10.7	11.0	11.6	14.1	13.6	13.0	13.4
Compostela Valley	390.6	363.2	346.5	276.6	256.9	204.0	93.5	87.2	74.5	43.7
Davao City	128.6	119.7	116.2	103.7	112.4	105.8	112.6	115.9	82.7	84.0
SOCCSKSARGEN	466.0	446.9	440.0	465.7	479.0	488.6	514.1	535.2	511.5	522.2
North Cotabato	223.1	192.7	201.3	219.1	226.7	231.5	256.4	286.9	287.6	279.8
Sarangani	147.0	153.5	134.0	135.8	136.6	137.1	136.1	134.5	109.0	116.8
South Cotabato	77.0	78.4	82.9	89.4	88.4	93.4	94.8	88.2	88.8	92.8
Sultan Kudarat	18.9	22.3	21.8	21.4	27.4	26.6	26.7	25.6	26.1	32.9
Caraga	9.7	7.2	0.3	4.9	..	1.4	1.3	..	..	..
Agusan del Norte	9.7	7.2	0.3	4.9	..	..	0.1	..	..	..
Agusan del Sur	..	..	..	..	..	1.4	1.2	..	..	..
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cassava										
Philippines	**1,941,575.0**	**2,043,719.0**	**2,101,454.0**	**2,209,684.0**	**2,223,182.0**	**2,361,561.0**	**2,540,254.0**	**2,714,346.0**	**2,755,146.0**	**2,806,668.0**
CAR	1,864.8	1,839.4	1,812.8	1,670.6	2,194.0	11,621.2	12,196.6	13,377.5	16,833.0	22,287.1
Abra	35.1	36.1	36.3	35.4	36.3	39.3	46.6	48.3	47.2	48.7
Apayao	320.2	324.0	304.3	304.5	1,056.6	10,480.5	10,929.0	12,098.0	11,432.0	11,301.7
Benguet	1,204.7	1,184.7	1,184.3	1,045.6	816.5	779.1	787.4	748.2	1,074.9	1,070.1
Ifugao	76.5	78.9	77.1	70.6	73.6	77.6	187.3	140.1	3,881.7	9,507.3
Kalinga	90.5	92.2	94.8	97.4	101.4	131.0	127.0	212.4	272.0	211.1
Mountain Province	137.9	123.6	116.1	117.0	109.7	113.7	119.3	130.5	125.2	148.2
Ilocos Region	16,766.1	17,492.9	17,932.8	17,745.9	17,562.8	17,274.4	17,512.7	17,239.0	17,617.4	18,324.6
Ilocos Norte	3,079.7	3,006.5	3,014.2	2,707.7	2,711.3	2,805.2	2,882.5	2,938.5	3,029.5	3,072.7
Ilocos Sur	1,286.6	1,240.0	1,193.4	1,229.7	1,281.4	1,340.2	1,436.2	1,418.6	1,372.6	1,382.3
La Union	2,364.7	2,483.2	2,482.3	2,489.8	2,544.5	2,469.3	2,509.3	2,607.6	2,878.6	2,785.9
Pangasinan	10,035.1	10,763.1	11,242.9	11,318.7	11,025.7	10,659.8	10,684.7	10,274.4	10,336.6	11,083.7
Cagayan Valley	30,863.7	38,545.2	41,291.3	70,059.9	66,919.6	77,722.6	135,867.0	240,104.7	312,717.5	325,265.3
Batanes	..	..	..	..	37.2	33.3	47.9	26.7	9.7	9.2
Cagayan	7,001.7	6,108.9	5,936.8	6,498.7	6,887.2	7,544.0	9,338.9	12,966.2	20,643.6	17,940.9
Isabela	23,068.5	28,246.4	32,125.5	60,839.7	57,339.1	67,569.5	121,291.2	190,797.9	237,987.0	241,564.5
Nueva Vizcaya	606.0	541.9	579.0	580.0	773.6	758.9	896.0	1,299.0	2,334.0	2,774.0
Quirino	187.5	3,648.0	2,650.0	2,141.4	1,882.5	1,817.0	4,293.0	35,015.0	51,743.3	62,976.8
Central Luzon	9,199.1	9,293.7	9,449.1	10,032.3	18,428.2	18,681.8	20,504.5	20,516.5	20,954.1	21,280.0
Aurora	1,210.0	1,237.0	1,367.0	1,379.0	1,405.4	1,460.0	1,746.0	1,938.0	2,718.6	2,372.8
Bataan	236.0	232.0	232.8	233.0	2,445.0	2,645.0	2,728.0	2,640.0	2,593.0	2,441.6
Bulacan	559.0	634.0	724.5	730.0	1,730.5	1,578.0	1,670.0	1,659.0	1,855.0	1,870.0
Nueva Ecija	361.3	366.5	367.8	369.3	366.4	437.4	542.9	534.3	351.4	340.5
Pampanga	6,037.0	5,997.0	5,730.0	5,767.0	9,177.0	9,102.8	9,757.0	9,810.0	9,665.0	10,102.8
Tarlac	108.5	107.2	107.0	102.5	116.5	198.7	408.1	419.2	441.0	558.1
Zambales	687.3	720.0	920.0	1,451.5	3,187.5	3,260.0	3,652.5	3,516.0	3,330.1	3,594.1
CALABARZON	60,141.0	54,786.5	50,367.6	47,979.7	49,019.7	49,934.0	51,398.1	51,315.5	50,242.2	47,609.0
Batangas	7,092.5	7,065.0	6,705.0	6,454.5	6,430.0	7,357.0	9,843.0	9,318.0	8,847.1	7,816.9
Cavite	643.0	673.0	692.9	707.2	841.6	922.4	919.0	900.1	830.0	836.5
Laguna	1,853.5	1,915.9	1,900.6	1,794.4	1,953.6	2,008.1	1,969.8	1,917.7	1,956.9	1,881.0
Quezon	49,777.1	44,308.7	40,245.2	38,197.6	38,975.5	38,791.5	37,728.3	38,200.0	37,585.4	35,996.0
Rizal	774.9	823.9	824.0	826.0	819.0	855.0	938.0	979.8	1,022.8	1,078.6
MIMAROPA	10,618.4	11,530.8	12,207.2	12,858.4	13,540.6	16,705.3	19,025.5	19,722.0	19,888.2	21,883.3
Marinduque	446.3	452.2	445.1	458.9	479.1	487.1	495.6	539.3	582.3	520.8
Occidental Mindoro	4,514.3	4,703.6	4,769.6	4,878.1	5,031.1	5,154.9	5,304.4	5,436.8	5,742.9	6,217.3
Oriental Mindoro	1,831.9	1,792.5	1,875.7	1,903.5	1,857.3	3,402.4	4,993.8	5,247.2	5,234.4	6,497.2
Palawan	2,127.5	2,574.2	3,013.1	3,329.4	3,828.3	5,323.3	6,058.6	6,265.9	6,222.4	6,526.3
Romblon	1,698.5	2,008.5	2,103.8	2,288.5	2,344.9	2,337.6	2,173.1	2,232.8	2,106.2	2,121.7
Bicol Region	112,899.5	115,112.1	114,625.0	110,020.1	111,235.7	113,789.7	109,020.9	108,629.5	105,855.2	96,708.0
Albay	15,449.9	15,240.0	14,537.5	14,051.6	13,245.6	14,135.9	13,773.7	15,912.1	17,000.1	15,545.4
Camarines Norte	3,864.3	3,897.0	3,739.0	3,818.0	3,998.5	4,102.5	4,149.6	4,448.6	4,872.2	4,215.3
Camarines Sur	83,038.8	85,439.4	85,865.2	81,885.4	82,583.4	81,259.9	76,518.5	73,726.3	69,862.1	62,050.3
Catanduanes	412.4	391.5	406.0	391.7	393.1	403.8	389.9	432.0	475.8	425.9
Masbate	2,429.2	2,549.7	2,665.3	2,527.5	2,960.2	5,669.0	6,627.0	7,223.1	7,793.4	8,675.7
Sorsogon	7,705.0	7,594.6	7,412.0	7,345.9	8,054.9	8,218.7	7,562.1	6,887.4	5,851.4	5,795.4
Western Visayas	59,709.9	60,966.4	60,115.7	61,920.9	62,408.1	62,560.4	61,237.5	59,621.6	58,090.3	56,529.3
Aklan	7,942.2	8,001.9	8,002.3	7,996.1	7,938.0	7,396.4	7,003.9	6,849.3	6,910.8	6,886.4
Antique	3,319.9	3,550.9	3,385.0	3,368.2	3,323.3	3,385.9	3,513.3	3,591.2	3,762.9	4,159.3
Capiz	6,014.7	5,951.1	5,767.6	5,665.0	5,537.0	5,491.4	5,080.5	5,373.5	5,422.5	5,290.4
Guimaras	512.0	522.5	519.0	562.6	592.8	570.7	601.0	525.6	430.3	532.5
Iloilo	15,835.0	16,409.0	16,491.0	17,312.0	17,589.0	18,465.0	17,320.0	15,609.4	13,970.0	12,141.5
Negros Occidental	26,086.1	26,531.0	25,950.8	27,017.0	27,428.1	27,250.9	27,718.9	27,672.7	27,593.8	27,519.2
Central Visayas	83,538.9	106,078.5	118,668.1	128,156.4	109,571.3	90,697.6	90,556.5	114,035.5	117,954.2	98,653.1
Bohol	53,447.9	70,385.6	83,167.2	89,642.9	67,595.7	48,006.0	39,715.5	63,307.0	75,770.5	53,797.2
Cebu	17,895.5	18,344.6	16,330.9	17,275.3	20,180.9	20,407.5	21,035.4	20,256.1	17,449.2	16,765.6
Negros Oriental	8,513.3	13,563.5	15,504.8	17,922.5	18,465.7	19,203.3	26,203.2	26,982.7	21,599.5	24,749.2
Siquijor	3,682.2	3,784.9	3,665.2	3,315.7	3,329.0	3,080.9	3,602.4	3,489.7	3,134.9	3,341.1
Eastern Visayas	72,791.9	73,194.4	73,392.2	78,805.4	81,918.1	90,331.3	79,975.6	84,215.7	84,854.0	85,901.3
Biliran	3,301.0	3,232.2	3,135.6	3,105.5	3,166.6	3,580.6	3,428.0	3,698.5	3,837.0	3,885.0
Eastern Samar	15,479.4	15,500.9	15,517.8	15,440.7	15,471.7	15,898.0	15,392.2	14,485.7	14,357.8	14,188.4
Leyte	30,837.5	31,302.1	31,556.7	35,506.8	37,366.1	43,853.0	35,563.4	38,886.3	40,254.7	40,750.3
Northern Samar	6,711.0	6,923.8	7,133.0	7,508.5	8,138.8	8,967.6	9,262.8	9,241.8	8,308.7	8,391.8
Southern Leyte	7,953.0	7,962.5	8,135.0	9,338.0	9,808.0	10,370.0	10,171.0	11,954.8	12,236.0	12,835.0
Samar (Western Sama	8,510.0	8,272.9	7,914.0	7,906.0	7,967.0	7,662.1	6,158.3	5,948.8	5,859.8	5,850.9
Zamboanga Peninsula	30,598.3	30,416.1	30,746.4	30,352.4	30,053.3	52,310.2	77,185.1	81,339.4	84,013.9	90,314.6
Zamboanga del Norte	7,764.8	7,500.3	6,798.1	6,156.9	5,877.7	7,703.1	9,794.2	9,557.6	11,195.7	19,093.9
Zamboanga del Sur	11,391.4	11,117.0	12,061.1	12,251.3	12,098.7	21,060.2	33,738.5	37,452.3	38,277.3	37,479.7
Zamboanga Sibugay	2,771.8	2,694.1	2,773.5	2,802.9	2,782.8	3,600.1	4,344.8	4,739.2	4,564.5	3,633.3
Zamboanga City	8,670.2	9,104.7	9,113.8	9,141.4	9,294.1	19,946.8	29,307.6	29,590.4	29,976.5	30,107.7
Northern Mindanao	348,971.3	417,942.8	471,510.9	551,122.5	558,954.8	601,288.5	663,579.7	728,845.1	705,334.4	736,545.6
Bukidnon	186,975.0	240,200.0	255,200.0	306,178.0	312,000.0	397,051.0	445,000.0	480,750.0	466,905.0	495,850.3
Camiguin	2,229.8	2,889.0	3,378.9	3,251.0	3,001.8	3,456.1	3,523.9	3,182.2	2,132.4	2,137.3
Lanao del Norte	18,800.0	21,407.0	23,900.0	24,350.0	24,770.0	24,599.0	23,930.0	24,162.9	24,850.0	25,511.0
Misamis Occidental	33,641.0	40,337.0	42,518.0	46,382.8	49,268.0	42,350.5	39,530.0	36,695.0	34,863.0	34,625.0
Misamis Oriental	107,325.6	113,109.8	146,514.0	170,960.7	169,915.0	133,832.0	151,595.8	184,055.0	176,584.0	178,422.0
Davao Region	15,549.8	14,990.2	14,788.4	14,510.8	14,453.7	15,968.6	17,958.2	18,605.1	23,228.5	21,920.0
Davao del Norte	2,942.1	2,887.4	2,846.0	2,911.7	3,003.8	3,116.4	3,253.1	3,407.5	4,090.6	4,095.2
Davao del Sur	5,875.4	5,282.5	4,984.3	4,600.4	4,543.9	4,637.7	4,744.8	4,911.5	5,089.5	5,005.3
Davao Oriental	2,207.5	2,206.1	2,189.9	2,288.4	2,259.5	2,296.6	3,205.0	3,240.4	2,904.3	3,127.4
Compostela Valley	3,680.4	3,766.6	3,921.9	3,793.0	3,630.9	3,656.5	3,911.9	4,074.4	8,054.4	6,379.5
Davao City	844.4	847.7	846.3	917.4	1,015.7	2,261.4	2,843.5	2,971.3	3,089.7	3,312.6
SOCCSKSARGEN	31,857.5	31,314.0	34,555.6	43,386.0	47,851.8	89,868.2	121,822.8	114,397.7	105,021.4	103,828.5
North Cotabato	9,339.8	9,808.0	10,142.8	10,465.0	10,822.6	11,070.7	10,940.1	10,023.5	9,463.7	8,646.5
Sarangani	1,786.7	1,783.0	1,720.0	1,755.3	1,767.5	2,013.0	2,021.6	2,007.0	1,515.0	1,580.0
South Cotabato	18,891.4	17,850.8	20,690.1	28,506.0	32,855.0	74,621.6	106,580.0	100,077.6	92,392.0	91,811.5
Sultan Kudarat	1,839.6	1,872.2	2,002.7	2,659.7	2,406.7	2,162.9	2,281.1	2,289.7	1,650.7	1,790.5
Caraga	52,661.6	47,886.0	41,123.9	23,609.4	20,100.8	17,699.9	17,180.8	18,201.3	24,719.9	22,145.7
Agusan del Norte	8,074.0	8,461.2	7,589.0	5,708.2	5,147.7	4,323.7	3,637.2	3,802.7	3,578.5	3,980.2
Agusan del Sur	5,138.1	5,453.9	5,693.9	3,593.8	3,792.3	4,209.7	4,729.2	5,198.9	7,864.5	5,841.4
Dinagat Islands	..	..	..	..	..	586.1	468.0	460.0	405.5	414.9
Surigao del Norte	13,934.6	11,973.9	8,401.0	4,154.2	3,265.8	2,535.5	2,100.3	2,070.6	1,967.2	2,018.4
Surigao del Sur	25,515.0	21,997.0	19,440.0	10,153.1	7,895.0	6,045.0	6,246.0	6,669.1	10,904.2	9,890.8
ARMM	1,003,542.0	1,012,330.0	1,008,867.0	1,007,454.0	1,018,969.0	1,035,107.0	1,045,233.0	1,024,180.0	1,007,822.0	1,037,472.0
Basilan	232,143.1	237,262.8	240,150.7	245,923.6	249,966.0	257,532.0	259,920.0	254,150.0	248,248.0	267,109.4
Lanao del Sur	490,825.0	494,004.0	493,780.0	485,744.7	495,878.0	505,128.9	518,095.6	497,680.9	497,803.3	502,924.6
Maguindanao	4,403.0	4,194.0	4,000.0	3,732.0	3,653.0	3,835.3	4,215.5	4,235.8	4,235.4	5,122.4
Sulu	178,323.6	178,285.0	172,509.0	173,800.0	172,990.0	172,975.0	168,200.0	168,600.0	161,001.0	164,198.0
Tawi-tawi	97,847.4	98,584.7	98,427.6	98,253.4	96,482.0	95,636.0	94,801.7	99,513.0	96,534.4	98,118.0

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Cauliflower										
Philippines	**10,758.0**	**10,559.2**	**11,101.7**	**11,582.8**	**11,636.3**	**11,781.7**	**11,738.8**	**11,864.8**	**11,641.5**	**12,061.0**
CAR	4,971.5	4,957.2	5,209.8	5,290.3	5,302.2	5,206.7	5,144.1	5,178.7	5,045.7	5,432.5
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	4,945.7	4,932.2	5,185.8	5,270.1	5,289.6	5,193.7	5,130.8	5,167.1	5,040.6	5,427.0
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	25.9	24.9	24.0	20.2	12.7	13.0	13.4	11.6	5.1	5.5
Ilocos Region	4,605.0	4,152.4	4,573.9	4,681.6	4,641.8	4,812.1	4,803.1	4,911.3	4,868.2	4,859.7
Ilocos Norte	3.2	2.9	2.9	2.8	2.7	2.7	2.7	2.6	2.6	2.5
Ilocos Sur	4,601.8	4,149.5	4,571.0	4,678.8	4,639.1	4,809.4	4,800.4	4,908.7	4,865.7	4,857.2
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	67.2	103.1	87.0	308.3	275.3	239.5	236.3	232.4	235.2	242.4
Batanes	..	..	..	..	3.5	2.9	2.9	3.0	1.9	2.0
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	67.2	103.1	87.0	308.3	271.8	236.6	233.4	229.4	233.3	240.5
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	32.0	28.8	27.6	27.3	25.4	25.0	24.7	24.0	0.1	0.1
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0.1	0.1
Nueva Ecija	32.0	28.8	27.6	27.3	25.4	25.0	24.7	24.0	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	0.8	6.0	3.8	2.7	3.0	2.8	13.5	0.5	0.3	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	0.8	6.0	3.8	2.7	3.0	2.8	13.5	0.5	0.3	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	3.0	3.1	2.7	2.5	2.5
Marinduque	..	..	..	..	..	3.0	3.1	2.7	2.5	2.5
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	6.1	5.2	5.6	46.5	70.3	72.6	64.3	87.0	77.6	84.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	6.1	5.2	5.6	46.5	70.3	72.6	64.3	87.0	77.6	84.0
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	77.3	85.8	75.7	84.3	115.6	133.6	134.8	127.7	107.0	123.3
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	67.6	76.4	68.9	77.4	106.6	113.3	117.1	112.9	107.0	106.6
Negros Oriental	9.7	9.4	6.8	6.9	9.0	20.3	17.7	14.7	..	16.6
Siquijor	..	..	..	..	..	..	..	0.0	..	0.1
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	2.5	2.9	3.0	3.9	4.4	5.3	7.0	7.3	7.1	7.1
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	2.5	2.9	3.0	3.9	4.4	5.3	7.0	7.3	7.1	7.1
Northern Mindanao	690.5	927.1	834.0	901.5	946.0	1,022.0	1,051.0	1,032.2	1,032.5	1,081.8
Bukidnon	665.0	910.0	810.0	865.0	900.0	960.0	985.0	965.0	974.0	1,022.0
Camiguin	0.1	0.0	0.0	..	..	0.0	..	0.1	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	1.6	..	..
Misamis Oriental	25.5	17.0	24.0	36.5	46.0	62.0	66.0	65.5	58.5	59.8
Davao Region	161.9	157.2	152.8	105.1	116.4	102.8	90.0	86.2	77.0	74.3
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	45.3	45.5	44.0	40.1	42.0	41.7	43.1	39.4	35.9	36.1
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	42.9	40.1	39.1	26.9	26.3	16.7	15.5	15.2	11.1	7.4
Davao City	73.7	71.5	69.6	38.1	48.1	44.4	31.5	31.6	30.0	30.8
SOCCSKSARGEN	143.1	133.6	128.5	131.3	135.4	154.6	166.7	174.6	169.8	153.1
North Cotabato	95.7	87.2	85.6	87.8	90.4	106.9	116.5	126.5	121.1	103.5
Sarangani	5.4	5.3	4.3	3.9	3.7	3.4	3.2	2.8	1.9	1.7
South Cotabato	37.9	39.9	38.5	39.6	41.3	44.2	47.0	45.3	46.8	47.9
Sultan Kudarat	4.1	1.2	0.1	0.1	..	..	..	..	..	..
Caraga	..	..	..	..	0.7	1.8	0.2	0.2	0.3	0.2
Agusan del Norte	..	..	..	..	0.7	0.8	..	..	0.1	..
Agusan del Sur	..	..	..	..	..	1.0	0.2	0.2	0.2	0.2
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Eggplant										
Philippines	**199,579.2**	**200,942.3**	**208,241.8**	**207,994.0**	**211,885.3**	**219,911.1**	**225,578.7**	**232,864.5**	**235,626.2**	**241,900.9**
CAR	789.2	790.9	795.7	805.0	823.2	891.5	956.7	974.7	946.3	992.7
Abra	603.3	611.7	623.0	631.1	635.2	642.9	675.2	684.5	662.7	685.6
Apayao	29.1	26.5	24.8	24.2	38.6	79.6	113.0	131.3	137.0	145.7
Benguet	12.8	12.9	12.6	11.8	12.0	12.1	12.4	13.6	13.7	22.4
Ifugao	23.0	24.6	22.0	23.3	23.6	23.5	23.8	23.6	28.1	29.4
Kalinga	97.3	94.7	92.6	93.7	98.0	117.5	117.0	109.6	92.7	99.1
Mountain Province	23.9	20.5	20.9	21.0	15.8	15.9	15.3	12.2	12.1	10.5
Ilocos Region	73,100.0	70,098.4	73,659.1	75,374.8	76,192.6	78,136.1	79,399.6	81,941.5	87,222.1	90,078.2
Ilocos Norte	4,657.7	4,969.5	5,434.1	5,641.5	6,007.3	6,400.4	6,830.2	7,123.7	7,401.8	7,580.3
Ilocos Sur	3,263.6	3,709.4	3,975.0	4,240.1	4,350.7	4,602.5	4,773.1	5,409.8	5,735.0	5,849.8
La Union	1,235.3	1,349.8	1,407.9	1,370.6	1,541.8	1,646.1	1,794.4	2,007.4	2,075.8	2,248.8
Pangasinan	63,943.5	60,069.7	62,842.1	64,122.7	64,292.8	65,487.1	66,001.9	67,400.6	72,009.6	74,399.3
Cagayan Valley	19,334.7	19,893.8	18,263.6	19,320.4	19,871.8	20,476.6	19,722.5	20,842.4	18,366.7	20,277.8
Batanes	..	..	..	..	31.3	26.1	22.4	22.2	16.2	18.4
Cagayan	7,630.0	7,885.0	6,400.1	7,009.2	7,384.6	7,739.5	7,308.5	7,781.5	6,804.1	8,704.6
Isabela	8,881.8	9,342.2	9,210.0	9,702.2	9,900.0	10,234.3	9,833.8	10,573.2	9,201.0	9,075.4
Nueva Vizcaya	2,507.0	2,318.6	2,365.0	2,323.0	2,276.4	2,181.4	2,258.6	2,169.9	2,069.6	2,168.6
Quirino	316.0	348.0	288.5	286.1	279.5	295.3	299.3	295.7	275.8	310.9
Central Luzon	19,107.1	19,355.5	19,225.3	18,862.5	19,018.7	19,358.1	20,917.9	23,774.4	23,447.3	26,375.6
Aurora	219.0	231.0	243.0	245.9	251.0	231.7	266.2	272.5	273.7	337.1
Bataan	452.2	443.3	443.4	438.0	419.5	420.0	477.5	462.0	428.5	863.2
Bulacan	1,937.0	2,029.0	2,141.0	2,157.0	2,111.0	2,058.0	2,193.0	2,254.0	2,374.0	2,660.0
Nueva Ecija	6,880.2	6,881.3	6,960.3	6,922.5	6,884.7	7,017.8	8,406.0	11,078.9	10,431.1	9,845.4
Pampanga	2,296.0	2,268.5	2,252.0	2,248.0	2,345.0	2,443.0	2,471.0	2,483.0	2,552.7	2,486.0
Tarlac	6,149.3	6,298.4	5,997.6	5,576.3	5,633.5	5,781.2	5,652.3	5,789.9	6,215.9	8,769.0
Zambales	1,173.5	1,204.0	1,188.0	1,274.8	1,374.0	1,406.5	1,452.0	1,434.3	1,171.3	1,415.0
CALABARZON	32,213.1	33,396.0	37,572.6	36,400.8	36,149.8	36,666.6	36,872.1	38,332.0	36,688.3	33,081.4
Batangas	3,632.0	4,150.0	6,751.0	6,290.0	5,625.0	4,950.0	4,198.0	3,894.4	4,031.1	4,310.2
Cavite	244.6	244.9	351.2	343.1	372.8	365.3	298.6	265.2	235.8	211.7
Laguna	1,805.5	1,894.3	1,934.8	1,781.0	1,811.8	1,811.7	1,759.2	1,580.0	1,540.0	1,618.8
Quezon	26,003.6	26,564.9	28,017.9	27,467.9	27,812.2	28,980.2	30,024.7	31,990.7	30,282.5	26,331.0
Rizal	527.5	541.8	517.9	518.9	528.1	559.4	591.5	601.7	599.0	609.8
MIMAROPA	2,353.7	2,346.5	2,457.6	2,625.1	2,767.8	3,444.5	3,767.9	4,022.8	4,191.0	5,475.1
Marinduque	445.6	441.4	428.9	436.8	466.4	737.1	714.0	697.6	734.2	738.0
Occidental Mindoro	862.8	846.1	880.6	927.0	971.2	1,062.7	1,094.6	1,181.7	1,234.3	1,452.8
Oriental Mindoro	239.9	233.2	262.9	292.5	288.7	383.2	416.4	448.4	496.3	1,417.2
Palawan	110.2	135.9	190.5	266.8	349.3	563.6	834.2	982.8	1,019.7	1,156.8
Romblon	695.3	689.9	694.8	702.2	692.3	697.9	708.7	712.2	706.4	710.3
Bicol Region	7,102.0	6,833.8	7,159.3	6,937.3	7,305.6	7,882.2	7,114.6	6,746.3	6,636.1	6,885.0
Albay	2,836.2	2,812.0	2,977.8	2,917.7	3,117.0	3,368.5	2,712.0	2,464.5	2,627.7	2,680.7
Camarines Norte	305.4	293.3	280.0	276.0	288.9	296.8	283.7	289.8	237.4	225.6
Camarines Sur	2,585.7	2,277.6	2,392.7	2,331.5	2,377.9	2,390.8	2,390.1	2,341.6	2,239.2	2,379.6
Catanduanes	24.6	23.4	24.2	22.7	22.8	23.5	22.6	23.8	25.3	22.7
Masbate	1,230.3	1,305.5	1,354.6	1,259.7	1,346.0	1,642.8	1,548.0	1,473.1	1,359.9	1,417.9
Sorsogon	119.7	122.0	130.1	129.7	152.9	159.8	158.2	153.4	146.7	158.5
Western Visayas	13,486.3	14,288.6	14,730.3	15,085.9	15,660.2	16,051.0	17,021.7	16,986.8	14,683.0	17,136.7
Aklan	273.0	288.8	294.9	295.9	294.2	277.7	253.6	262.6	249.5	243.3
Antique	456.5	475.4	547.4	574.5	588.0	601.2	621.4	604.1	604.8	666.8
Capiz	780.3	763.4	769.5	752.0	819.8	814.9	823.0	856.5	816.5	804.0
Guimaras	214.0	220.5	221.5	227.1	238.5	240.1	257.4	250.6	236.7	260.5
Iloilo	9,034.5	9,782.8	10,090.5	10,368.0	10,813.0	11,191.0	12,075.6	12,011.9	12,775.5	12,095.0
Negros Occidental	2,728.0	2,757.6	2,806.6	2,868.4	2,906.9	2,926.2	2,990.8	3,001.0	..	3,067.2
Central Visayas	6,842.2	8,104.9	8,463.2	7,284.4	7,562.4	8,787.5	9,550.6	9,445.3	7,484.4	9,869.4
Bohol	1,728.4	2,194.5	2,696.5	1,561.8	1,649.7	1,814.4	2,128.5	2,106.5	1,591.9	1,863.7
Cebu	4,086.9	4,574.2	4,498.4	4,480.8	4,674.0	5,319.3	5,629.6	5,663.1	5,802.3	5,833.6
Negros Oriental	980.9	1,274.2	1,213.7	1,176.4	1,178.2	1,591.0	1,697.3	1,576.5	..	2,077.2
Siquijor	46.0	62.0	54.7	65.4	60.5	62.9	95.3	99.2	90.2	95.0
Eastern Visayas	2,218.8	2,223.5	2,235.8	2,251.3	2,315.1	2,316.3	2,006.8	2,117.2	2,030.4	2,014.0
Biliran	52.0	54.8	56.1	56.6	60.1	58.9	53.1	53.5	54.5	50.5
Eastern Samar	201.5	202.9	204.8	202.4	210.3	195.5	166.2	112.9	104.4	102.0
Leyte	1,520.0	1,506.6	1,508.1	1,513.1	1,547.7	1,564.3	1,287.9	1,444.0	1,363.6	1,345.2
Northern Samar	132.8	137.3	142.3	146.7	160.7	167.4	173.0	174.0	174.9	182.2
Southern Leyte	220.2	226.5	232.9	235.4	235.4	235.3	232.5	237.8	233.5	237.7
Samar (Western Sama	92.5	95.5	91.7	97.2	100.8	95.0	94.1	95.0	99.7	96.5
Zamboanga Peninsula	1,752.3	1,781.0	1,810.9	1,818.0	1,848.2	3,264.1	4,491.9	4,587.9	4,536.2	4,581.5
Zamboanga del Norte	287.0	308.5	320.3	343.4	333.8	447.2	462.4	423.4	409.6	415.2
Zamboanga del Sur	459.5	394.0	398.2	369.8	358.6	591.0	684.7	706.5	717.1	732.7
Zamboanga Sibugay	242.6	247.0	241.4	229.9	248.0	464.0	546.3	548.0	527.7	522.9
Zamboanga City	763.2	831.5	851.1	874.9	907.9	1,762.0	2,798.6	2,910.1	2,881.8	2,910.6
Northern Mindanao	3,608.3	3,697.4	3,793.9	4,102.1	4,323.4	4,534.7	4,778.8	4,701.9	4,763.3	4,965.4
Bukidnon	702.0	737.0	625.0	720.0	785.0	801.0	825.0	829.0	835.0	889.0
Camiguin	62.5	69.7	95.3	97.1	93.9	91.1	94.6	96.9	100.8	116.8
Lanao del Norte	1,577.0	1,645.0	1,655.0	1,695.0	1,716.0	1,734.0	1,719.0	1,675.5	1,702.5	1,681.0
Misamis Occidental	436.3	481.3	527.9	604.9	648.5	675.6	710.3	717.5	728.0	748.6
Misamis Oriental	830.5	764.4	890.7	985.2	1,080.0	1,233.0	1,430.0	1,383.0	1,397.0	1,530.0
Davao Region	6,425.0	6,505.8	6,645.9	6,449.5	6,631.5	6,886.0	7,059.3	7,014.2	6,522.8	6,515.7
Davao del Norte	686.5	662.8	698.3	657.1	668.4	667.9	707.2	699.9	691.7	701.8
Davao del Sur	517.9	543.7	568.4	595.3	610.0	618.2	637.2	631.3	634.2	620.9
Davao Oriental	216.9	213.4	219.0	202.1	199.0	200.9	242.1	229.8	223.4	230.8
Compostela Valley	1,406.9	1,428.0	1,837.0	1,843.6	1,734.8	2,088.9	2,148.2	2,180.2	2,101.5	2,078.1
Davao City	3,596.8	3,657.9	3,323.1	3,151.4	3,419.4	3,310.1	3,324.7	3,273.0	2,872.1	2,884.1
SOCCSKSARGEN	6,624.4	7,032.0	6,896.7	7,091.5	7,400.4	7,082.4	7,308.2	6,734.2	6,669.4	6,994.5
North Cotabato	5,016.6	5,399.8	5,275.9	5,443.3	5,704.4	5,201.7	5,424.4	4,892.8	4,881.1	5,094.1
Sarangani	526.0	535.2	498.5	517.8	532.0	546.0	545.7	515.0	455.0	481.0
South Cotabato	568.2	573.3	602.6	609.8	633.1	804.6	821.2	800.5	797.7	821.8
Sultan Kudarat	513.7	523.8	519.8	520.7	530.9	530.1	516.9	525.9	535.6	597.6
Caraga	4,006.1	3,996.2	3,922.2	2,974.0	3,363.1	3,474.0	3,945.6	3,970.2	5,984.6	5,946.5
Agusan del Norte	265.0	228.8	307.8	190.1	276.7	373.9	423.6	420.8	467.0	512.4
Agusan del Sur	3,212.9	3,243.4	3,026.6	2,356.2	2,650.8	2,617.9	3,041.5	2,973.0	4,625.7	4,517.7
Dinagat Islands	..	..	..	..	..	14.6	13.6	12.2	9.8	11.4
Surigao del Norte	132.2	147.9	180.6	82.1	71.5	66.5	63.0	45.9	44.2	52.0
Surigao del Sur	396.0	376.2	407.2	345.5	364.1	401.0	404.0	518.3	837.8	853.1
ARMM	616.1	598.2	609.7	611.5	651.6	659.7	664.4	672.8	688.1	711.6
Basilan	65.1	70.3	71.9	73.8	76.7	78.5	81.2	82.4	80.1	82.9
Lanao del Sur	160.0	160.3	160.3	156.6	174.0	181.6	179.4	180.8	180.0	180.7
Maguindanao	331.0	304.0	310.7	308.5	319.0	323.3	324.8	329.7	343.9	358.7
Sulu	16.2	15.9	16.6	17.7	20.4	21.7	23.0	23.8	22.5	24.5
Tawi-tawi	43.7	47.8	50.3	55.0	61.5	54.7	56.1	56.2	61.6	64.8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Gabi										
Philippines	**115,956.1**	**115,218.2**	**110,761.2**	**110,718.9**	**111,560.7**	**112,261.9**	**110,365.5**	**111,988.2**	**107,569.5**	**109,374.3**
CAR	5,147.8	5,182.0	4,723.1	4,733.9	4,776.0	4,856.6	4,923.6	4,880.0	4,789.5	4,848.3
Abra	111.0	112.5	114.5	112.1	114.0	113.7	118.8	120.1	108.6	110.3
Apayao	37.5	42.5	39.7	39.3	47.7	88.6	110.9	122.8	119.6	121.1
Benguet	4,622.2	4,647.0	4,207.4	4,221.6	4,244.8	4,270.0	4,304.6	4,249.1	4,195.7	4,245.5
Ifugao	323.3	328.2	309.0	310.1	313.8	317.7	320.1	321.2	307.7	313.0
Kalinga	43.7	43.5	43.6	44.8	52.5	63.3	66.2	63.8	54.5	55.3
Mountain Province	10.0	8.2	9.0	6.1	3.2	3.3	3.1	3.1	3.3	3.2
Ilocos Region	3,569.3	3,344.1	3,234.2	3,202.4	3,197.4	3,229.4	3,223.8	3,138.7	2,959.2	2,937.9
Ilocos Norte	980.2	975.5	974.7	969.6	1,003.6	1,022.4	1,038.0	1,043.9	1,020.2	1,029.7
Ilocos Sur	91.3	98.9	90.7	106.2	110.9	112.7	113.5	117.8	112.8	114.8
La Union	650.6	645.9	651.3	665.1	659.9	668.5	658.7	656.3	624.8	626.0
Pangasinan	1,847.2	1,623.8	1,517.5	1,461.5	1,422.9	1,425.7	1,413.6	1,320.7	1,201.5	1,167.4
Cagayan Valley	15,165.3	14,880.6	13,436.3	14,509.9	15,361.0	15,892.7	15,622.0	15,940.7	15,742.9	16,072.5
Batanes	..	..	..	..	78.8	76.1	71.0	63.5	42.6	38.8
Cagayan	4,984.9	4,190.2	3,576.2	4,038.1	4,255.3	4,347.7	4,315.0	4,557.3	4,289.3	4,999.0
Isabela	7,400.6	7,758.7	6,920.9	7,493.9	8,164.0	8,426.9	8,354.4	8,392.0	8,335.1	7,821.1
Nueva Vizcaya	2,305.8	2,384.7	2,375.3	2,388.5	2,219.4	2,412.0	2,245.1	2,284.6	2,341.2	2,383.5
Quirino	474.0	547.0	564.0	589.4	643.5	630.0	636.5	643.4	734.7	830.2
Central Luzon	6,778.3	6,766.1	6,766.5	6,796.7	6,829.3	6,975.7	7,316.7	7,384.6	7,532.1	7,962.4
Aurora	675.0	673.0	684.0	688.0	691.6	694.3	735.2	745.5	780.2	966.0
Bataan	373.9	373.4	374.3	352.0	353.0	350.0	510.0	510.0	504.5	517.7
Bulacan	630.0	615.0	615.5	617.5	616.6	628.6	626.0	620.5	661.0	666.5
Nueva Ecija	1,518.8	1,491.0	1,481.0	1,476.1	1,479.2	1,483.3	1,470.6	1,449.5	1,453.6	1,518.8
Pampanga	2,094.5	2,085.0	2,082.0	2,096.0	2,072.0	2,156.0	2,139.8	2,137.3	2,129.3	2,176.5
Tarlac	596.8	571.2	564.4	561.7	566.2	568.9	577.4	565.3	592.3	810.3
Zambales	889.3	957.5	965.3	1,005.4	1,050.7	1,094.6	1,257.8	1,356.5	1,411.2	1,306.6
CALABARZON	6,463.1	6,177.4	6,115.5	6,172.7	6,317.8	6,175.3	6,050.9	6,170.9	5,922.8	6,088.8
Batangas	1,755.0	1,835.8	1,724.2	1,777.0	1,780.0	1,644.0	1,487.0	1,221.0	929.0	830.5
Cavite	287.4	283.1	573.5	560.0	654.2	680.0	659.3	676.4	733.1	810.7
Laguna	1,167.6	1,170.6	1,176.1	1,175.4	1,155.2	1,180.4	1,053.8	988.8	1,023.9	1,097.1
Quezon	3,253.1	2,887.9	2,641.6	2,660.3	2,728.5	2,670.9	2,850.8	3,284.8	3,236.9	3,350.6
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	3,083.5	3,189.8	3,257.5	3,360.2	3,462.9	4,126.9	4,240.9	4,157.7	3,823.5	4,469.1
Marinduque	633.5	648.7	649.8	666.8	691.7	699.3	712.0	750.6	728.1	717.4
Occidental Mindoro	77.7	85.5	90.0	98.4	109.0	110.5	120.8	126.4	130.1	134.0
Oriental Mindoro	1,409.8	1,450.6	1,489.8	1,518.9	1,557.3	2,149.6	2,218.4	2,076.3	1,764.7	2,394.8
Palawan	381.8	396.2	417.8	443.7	453.2	509.1	546.7	555.8	557.2	569.7
Romblon	580.8	608.9	610.2	632.4	651.7	658.4	643.1	648.6	643.4	653.4
Bicol Region	14,158.2	13,806.8	13,481.7	12,990.7	12,535.4	11,685.3	10,539.4	10,801.3	10,158.1	9,726.0
Albay	9,017.2	8,555.0	8,235.0	7,750.4	7,119.4	6,253.7	5,176.6	5,485.8	4,946.2	4,573.9
Camarines Norte	240.9	218.9	211.4	214.2	223.7	226.3	228.1	231.5	292.3	310.0
Camarines Sur	2,650.0	2,770.2	2,730.5	2,712.2	2,742.3	2,755.5	2,683.5	2,630.5	2,570.3	2,456.3
Catanduanes	551.4	526.3	564.8	536.6	536.1	551.8	534.5	515.5	492.5	486.9
Masbate	25.7	28.8	29.9	30.1	32.7	33.4	32.1	33.0	32.5	27.1
Sorsogon	1,673.0	1,707.7	1,710.2	1,747.3	1,881.3	1,864.8	1,884.7	1,905.0	1,824.3	1,871.9
Western Visayas	4,890.1	4,935.2	4,815.5	4,911.1	4,924.7	4,892.3	4,829.2	4,752.7	4,625.0	4,620.1
Aklan	1,278.1	1,286.7	1,266.0	1,257.8	1,261.6	1,222.9	1,224.0	1,218.4	1,177.9	1,075.6
Antique	717.3	768.6	779.0	772.6	738.2	739.7	741.1	778.2	806.6	844.4
Capiz	542.4	557.8	552.0	546.1	528.7	548.7	550.5	557.2	528.0	533.3
Guimaras	176.0	182.0	173.0	186.5	198.3	185.9	187.0	166.3	146.3	143.0
Iloilo	1,360.1	1,272.3	1,239.0	1,282.0	1,307.0	1,292.0	1,198.0	1,143.0	1,118.5	1,182.5
Negros Occidental	816.2	867.8	806.5	866.1	890.9	903.2	928.6	889.6	847.7	841.3
Central Visayas	9,836.9	9,604.5	7,277.6	7,355.6	6,328.3	6,388.7	6,275.6	6,158.5	5,245.4	5,445.5
Bohol	7,628.0	7,285.7	5,059.0	4,926.0	3,852.1	3,871.9	3,724.0	3,723.1	3,260.1	3,546.0
Cebu	1,335.6	1,396.9	1,347.8	1,413.5	1,412.7	1,331.0	1,346.9	1,278.7	989.5	988.5
Negros Oriental	793.1	835.0	786.6	914.5	962.8	1,091.2	1,111.0	1,066.8	915.4	826.5
Siquijor	80.2	86.9	84.2	101.6	100.7	94.6	93.7	89.9	80.4	84.5
Eastern Visayas	20,253.3	20,814.6	20,945.5	21,306.5	22,113.3	22,900.1	21,574.8	22,319.5	21,946.3	22,000.4
Biliran	1,077.0	1,088.0	1,094.8	1,092.0	1,092.9	994.6	988.9	990.5	992.5	913.0
Eastern Samar	207.6	208.0	208.6	208.7	214.2	214.6	214.9	216.5	218.6	221.3
Leyte	6,778.8	7,038.7	6,963.3	6,926.6	7,048.2	6,956.7	5,470.3	6,129.3	6,248.3	6,194.6
Northern Samar	6,861.1	7,072.7	7,237.3	7,455.2	8,032.5	8,882.6	9,119.3	9,096.0	8,549.3	8,561.2
Southern Leyte	4,465.8	4,477.5	4,540.5	946.1	4,771.3	4,798.3	4,706.9	4,810.3	4,845.0	4,992.0
Samar (Western Sama	863.0	929.6	901.0	4,678.0	954.4	1,053.3	1,074.5	1,076.9	1,092.6	1,118.3
Zamboanga Peninsula	1,517.6	1,488.4	1,407.8	1,360.4	1,360.0	1,550.4	1,755.1	1,550.2	1,464.1	1,450.6
Zamboanga del Norte	895.8	886.4	838.1	798.9	792.4	773.0	769.9	735.6	666.7	607.5
Zamboanga del Sur	243.8	216.8	189.7	183.4	182.6	373.8	543.4	503.9	488.4	523.6
Zamboanga Sibugay	226.7	229.1	226.0	225.6	230.1	248.6	266.3	136.5	134.8	145.3
Zamboanga City	151.3	156.1	154.0	152.4	154.9	155.1	175.4	174.2	174.2	174.3
Northern Mindanao	2,639.3	2,617.6	2,710.2	2,878.6	2,999.2	3,074.5	3,117.5	3,078.9	3,084.8	3,149.1
Bukidnon	210.0	217.0	199.0	211.0	228.0	216.0	198.0	180.0	178.0	187.0
Camiguin	261.6	260.5	276.4	283.6	277.6	277.4	267.2	244.6	236.5	248.7
Lanao del Norte	1,320.1	1,210.0	1,277.0	1,305.0	1,330.0	1,358.0	1,385.0	1,392.6	1,392.6	1,401.0
Misamis Occidental	700.2	760.8	808.0	888.9	922.6	945.1	952.2	959.8	978.0	996.5
Misamis Oriental	147.5	169.3	149.8	190.0	241.0	278.0	315.0	302.0	299.7	315.9
Davao Region	2,913.1	2,937.1	3,048.2	3,215.9	3,184.9	3,256.7	3,609.6	3,570.8	3,451.4	3,492.5
Davao del Norte	336.9	338.0	339.4	354.9	370.6	369.1	378.0	367.6	377.1	377.4
Davao del Sur	516.2	521.6	506.2	519.0	526.9	526.9	534.5	520.9	517.7	517.5
Davao Oriental	301.1	295.7	294.5	300.8	301.9	290.2	318.7	280.7	251.1	257.8
Compostela Valley	1,640.6	1,664.0	1,783.2	1,808.3	1,703.5	1,760.2	2,016.6	2,030.8	1,926.6	1,858.5
Davao City	118.4	118.0	124.9	232.9	282.1	310.4	361.8	370.7	378.9	481.4
SOCCSKSARGEN	4,059.6	4,229.7	4,414.8	4,566.8	4,777.5	4,989.4	5,106.0	4,446.0	3,699.6	3,648.8
North Cotabato	3,600.0	3,753.9	3,945.9	4,109.3	4,301.6	4,527.7	4,644.8	3,992.3	3,276.7	3,200.3
Sarangani	89.5	96.9	91.6	97.4	99.3	86.5	85.5	82.0	70.0	75.0
South Cotabato	39.9	45.5	48.9	56.9	75.1	77.7	75.9	76.8	69.3	71.9
Sultan Kudarat	330.2	333.4	328.5	303.2	301.5	297.6	299.8	294.9	283.6	301.5
Caraga	14,459.6	14,229.9	14,134.0	12,385.1	12,400.3	11,253.2	11,151.2	12,606.9	12,121.1	12,448.2
Agusan del Norte	726.0	709.7	632.8	568.8	586.6	705.6	772.0	856.8	837.7	878.9
Agusan del Sur	9,836.6	9,886.0	10,148.0	8,843.2	9,152.3	8,047.5	8,128.2	9,417.8	8,982.8	9,067.1
Dinagat Islands	..	..	..	..	..	200.1	170.0	162.0	152.9	143.0
Surigao del Norte	2,345.0	2,233.1	2,048.8	1,697.7	1,401.4	935.0	754.0	668.0	560.8	603.9
Surigao del Sur	1,552.0	1,401.1	1,304.4	1,275.4	1,260.0	1,365.0	1,327.0	1,502.3	1,586.9	1,755.3
ARMM	1,021.2	1,014.4	992.9	972.5	992.7	1,014.8	1,029.4	1,031.0	1,003.8	1,014.1
Basilan	95.2	89.7	89.2	91.5	93.4	95.3	94.3	92.6	89.2	91.3
Lanao del Sur	387.9	389.0	380.6	372.6	398.7	421.3	432.9	429.9	429.5	429.8
Maguindanao	83.5	87.0	84.5	79.0	76.1	75.1	76.3	77.3	76.5	76.1
Sulu	448.4	443.6	434.0	425.0	421.0	420.0	423.3	428.6	406.0	414.3
Tawi-tawi	6.2	5.1	4.6	4.4	3.5	3.2	2.8	2.7	2.5	2.7

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Garlic										
Philippines	**11,348.1**	**10,451.1**	**9,563.2**	**9,056.2**	**8,808.4**	**8,986.4**	**8,992.9**	**10,419.5**	**7,469.0**	**7,751.1**
CAR	16.9	15.8	14.4	13.5	14.5	12.6	11.2	12.0	10.4	1.0
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	3.0	2.4	1.7	..	..	..	..	..	..	..
Kalinga	14.0	13.4	12.7	13.5	14.5	12.6	11.2	12.0	10.4	1.0
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	8,235.3	7,477.8	6,540.2	6,034.4	5,622.6	5,718.2	6,004.8	7,262.9	4,487.8	5,101.4
Ilocos Norte	7,984.7	7,223.7	6,283.5	5,756.3	5,340.7	5,435.8	5,706.5	6,934.5	4,160.7	4,784.0
Ilocos Sur	236.5	241.9	245.3	268.1	272.8	274.0	290.4	321.3	319.9	310.5
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	14.1	12.1	11.5	9.9	9.1	8.4	8.0	7.1	7.2	6.9
Cagayan Valley	217.5	214.4	185.0	196.0	455.1	609.8	618.0	641.2	637.1	542.2
Batanes	..	..	..	..	317.5	342.6	350.6	388.2	350.4	264.0
Cagayan	43.4	48.5	42.4	44.8	44.2	46.1	42.3	39.0	32.0	25.6
Isabela	23.5	9.8	3.1	3.8	3.0	0.6	0.5	0.3	0.3	0.2
Nueva Vizcaya	150.7	156.2	139.6	147.5	90.5	220.5	224.7	213.8	254.4	252.5
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	324.7	329.1	323.5	321.0	320.4	316.7	364.0	371.7	344.3	228.6
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	324.7	329.1	323.5	321.0	320.4	316.7	364.0	357.7	344.3	228.6
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	14.0	..	..
CALABARZON	439.0	379.6	331.6	292.5	256.8	235.4	95.1	94.0	88.1	75.7
Batangas	27.5	26.4	23.7	20.8	16.9	22.0	20.3	17.2	13.1	4.1
Cavite	30.9	37.8	38.4	35.2	15.5	17.4	17.2	15.9	14.2	9.7
Laguna	2.1	2.2	1.8	0.1	3.3	8.0	5.6	3.7	2.5	..
Quezon	378.5	313.3	267.7	236.5	221.1	187.9	52.0	57.2	58.3	61.9
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	2,048.6	1,988.0	2,127.3	2,160.8	2,113.8	2,010.2	1,794.5	1,943.0	1,818.8	1,718.5
Marinduque	18.6	18.7	17.4	16.9	17.4	17.2	16.9	17.2	15.7	13.6
Occidental Mindoro	1,932.0	1,874.3	2,012.1	2,054.2	2,010.1	1,907.5	1,691.0	1,739.0	1,662.4	1,536.1
Oriental Mindoro	47.4	44.1	47.9	50.6	49.5	53.7	60.6	164.6	129.3	157.0
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	50.6	51.0	49.9	39.1	36.7	31.8	26.0	22.3	11.5	11.8
Bicol Region	2.6	2.2	2.0	1.9	1.8	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	2.6	2.2	2.0	1.9	1.8	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	59.5	40.0	35.2	32.0	19.5	79.6	100.2	89.2	78.8	79.8
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	59.5	40.0	35.2	32.0	19.5	79.6	100.2	89.2	78.8	79.8
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	..	..	..	..	1.1	1.4	0.0	0.0
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	..	..	..	..
Siquijor	..	..	..	..	..	..	1.1	1.4	..	..
Eastern Visayas	4.0	4.2	4.1	4.1	4.0	4.0	4.0	4.1	3.8	3.9
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	4.0	4.2	4.1	4.1	4.0	4.0	4.0	4.1	3.8	3.9
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
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	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Ginger										
Philippines	**27,538.4**	**27,415.3**	**27,096.6**	**27,755.3**	**27,677.1**	**28,216.1**	**27,196.9**	**26,623.1**	**26,787.2**	**27,482.0**
CAR	1,053.3	1,040.0	996.1	959.8	955.4	940.2	946.3	924.4	886.4	906.6
Abra	116.0	118.5	120.5	117.0	119.3	119.9	136.0	142.0	131.4	134.4
Apayao	61.5	62.0	54.9	53.1	39.5	36.8	40.2	42.8	42.4	45.6
Benguet	273.4	266.3	251.1	237.1	237.0	237.9	222.3	188.2	180.1	202.8
Ifugao	560.2	549.7	528.3	514.2	519.8	505.4	507.8	504.8	473.4	451.5
Kalinga	28.0	29.9	27.8	28.4	29.7	30.5	30.3	36.6	48.1	57.4
Mountain Province	14.2	13.7	13.4	10.1	10.2	9.7	9.8	10.1	11.0	14.9
Ilocos Region	751.4	787.0	788.8	843.5	865.9	880.3	909.2	947.6	929.6	959.8
Ilocos Norte	411.8	422.4	416.8	418.5	422.6	423.9	430.9	451.4	460.7	480.5
Ilocos Sur	63.5	75.1	82.6	95.4	107.8	112.8	106.0	113.9	116.4	117.6
La Union	148.8	164.1	168.6	201.0	204.6	208.4	235.8	253.6	232.3	239.7
Pangasinan	127.3	125.4	120.9	128.6	130.9	135.2	136.6	128.9	120.2	122.1
Cagayan Valley	5,573.7	5,461.9	5,243.7	5,162.0	5,038.5	5,248.5	5,322.4	5,058.7	4,947.4	5,214.9
Batanes	..	..	..	..	46.2	44.0	39.2	17.1	12.1	9.2
Cagayan	1,337.6	1,346.6	1,087.3	1,150.9	1,195.6	1,293.1	1,250.1	1,053.8	892.4	1,065.1
Isabela	667.9	456.9	384.7	248.4	128.7	104.7	127.4	126.9	124.4	118.0
Nueva Vizcaya	3,468.2	3,548.5	3,678.8	3,669.3	3,566.1	3,689.8	3,767.2	3,670.8	3,707.3	3,799.0
Quirino	100.0	110.0	93.0	93.5	102.0	117.0	138.5	190.2	211.1	223.6
Central Luzon	1,172.5	1,140.1	1,148.8	1,160.2	1,180.8	1,177.7	1,211.1	1,220.1	1,259.7	1,343.4
Aurora	82.0	79.0	88.0	93.8	96.2	98.3	105.3	114.0	129.5	128.7
Bataan	58.9	59.9	60.2	61.5	60.0	60.0	58.0	59.5	57.5	57.0
Bulacan	294.5	277.0	281.0	278.0	280.0	271.0	290.0	291.0	287.0	289.0
Nueva Ecija	539.3	523.0	518.3	516.3	514.9	515.5	511.0	503.2	507.5	568.3
Pampanga	6.8	7.5	7.1	7.8	8.5	11.6	10.5	10.4	10.4	10.3
Tarlac	124.4	121.4	112.6	106.5	109.5	107.3	109.7	108.1	107.8	119.6
Zambales	66.7	72.4	81.6	96.3	111.8	114.0	126.7	134.0	160.1	170.6
CALABARZON	4,707.1	4,462.8	4,385.8	4,520.6	3,867.8	3,913.0	3,718.4	3,695.2	3,755.5	3,692.6
Batangas	1,937.6	1,911.7	1,936.5	2,091.4	1,301.5	1,248.5	1,000.5	932.0	1,083.7	846.9
Cavite	279.0	273.5	318.2	315.2	339.5	331.1	413.2	408.8	410.4	351.7
Laguna	168.5	171.4	180.0	184.1	188.1	190.2	141.8	145.5	136.2	123.3
Quezon	2,263.8	2,050.2	1,892.4	1,869.2	1,974.5	2,077.2	2,096.2	2,136.9	2,057.1	2,309.3
Rizal	58.2	56.1	58.8	60.8	64.2	66.0	66.8	72.0	68.0	61.5
MIMAROPA	313.3	324.5	362.1	441.3	481.4	530.4	577.3	595.5	654.7	786.0
Marinduque	37.2	37.1	36.0	36.3	37.0	37.1	34.6	33.4	33.2	38.2
Occidental Mindoro	52.5	50.3	45.9	52.1	57.3	59.2	64.5	63.9	67.9	72.1
Oriental Mindoro	31.0	31.6	32.3	31.8	34.1	45.8	51.2	59.0	112.0	212.5
Palawan	103.0	115.4	158.6	224.8	251.1	281.2	322.6	330.3	330.8	350.6
Romblon	89.7	90.1	89.3	96.3	101.9	107.1	104.5	109.0	110.8	112.6
Bicol Region	294.9	291.8	293.5	292.7	306.0	327.0	317.5	319.4	328.5	349.9
Albay	93.8	90.8	93.3	89.9	95.7	104.4	94.9	93.4	97.6	107.2
Camarines Norte	21.1	20.4	18.7	19.5	21.0	22.0	21.5	20.4	20.5	23.8
Camarines Sur	96.7	93.9	89.3	86.0	88.9	89.4	87.1	85.3	89.9	98.0
Catanduanes	20.2	19.8	19.6	19.1	19.9	19.9	20.2	19.5	18.8	17.1
Masbate	50.0	54.0	59.4	65.1	65.5	75.0	78.0	85.0	86.0	87.3
Sorsogon	13.2	13.0	13.3	13.3	15.1	16.2	15.8	15.8	15.8	16.6
Western Visayas	1,398.2	1,418.5	1,312.8	1,377.1	1,434.5	1,408.8	1,387.7	1,348.7	1,373.7	1,439.4
Aklan	200.9	209.3	201.6	210.3	218.2	201.7	198.0	206.8	212.2	215.1
Antique	310.0	270.1	246.1	221.5	207.0	197.8	187.8	189.4	193.1	208.9
Capiz	175.7	227.0	218.5	242.1	255.3	266.2	258.5	249.6	267.5	291.0
Guimaras	5.7	5.1	3.9	3.8	4.1	4.2	4.6	4.3	5.2	9.0
Iloilo	229.4	216.2	196.0	218.0	244.0	228.8	206.4	171.3	153.5	169.1
Negros Occidental	476.4	490.8	446.8	481.5	505.9	510.1	532.4	527.4	542.3	546.2
Central Visayas	1,721.9	1,674.7	1,686.1	1,799.9	1,798.3	1,851.0	1,896.5	1,874.0	1,998.9	2,070.6
Bohol	473.9	467.8	478.8	507.9	492.6	618.0	690.2	689.4	683.0	738.2
Cebu	963.2	921.5	902.9	938.8	927.1	881.7	898.1	909.9	1,048.8	990.5
Negros Oriental	262.2	261.9	281.7	327.1	352.3	325.6	286.6	254.0	249.4	323.0
Siquijor	22.7	23.6	22.7	26.1	26.4	25.7	21.7	20.7	17.7	19.0
Eastern Visayas	2,131.9	2,153.1	2,132.5	2,174.9	2,206.4	2,174.4	1,845.4	1,875.2	1,885.0	1,948.2
Biliran	325.0	318.9	330.0	331.1	331.6	325.8	323.8	325.5	329.7	332.0
Eastern Samar	35.1	35.8	36.7	36.8	37.3	37.4	37.5	38.5	40.8	41.2
Leyte	1,527.4	1,550.0	1,514.8	1,545.7	1,556.9	1,519.0	1,200.3	1,219.9	1,219.1	1,271.9
Northern Samar	23.8	24.6	25.2	25.9	29.1	29.9	30.7	36.6	33.6	33.0
Southern Leyte	155.3	159.7	163.3	172.0	190.9	197.6	194.6	202.9	204.5	210.8
Samar (Western Sama	65.5	64.3	62.5	63.3	60.6	64.7	58.6	51.9	57.3	59.3
Zamboanga Peninsula	575.9	567.7	564.9	579.5	629.9	673.1	672.7	647.9	624.4	608.8
Zamboanga del Norte	232.3	229.0	233.1	222.0	226.3	235.0	222.5	207.7	188.1	174.2
Zamboanga del Sur	170.0	159.6	156.0	164.1	170.5	206.1	234.0	225.1	220.4	215.8
Zamboanga Sibugay	58.5	59.7	61.1	69.6	105.4	100.6	95.4	100.1	103.3	107.3
Zamboanga City	115.1	119.5	114.7	123.8	127.7	131.4	120.7	115.0	112.7	111.5
Northern Mindanao	4,677.6	4,864.1	5,021.5	5,360.1	5,713.5	5,976.7	5,702.6	5,523.1	5,494.4	5,415.0
Bukidnon	415.0	442.0	450.0	505.0	570.0	545.0	515.0	408.0	411.0	442.0
Camiguin	16.1	15.5	23.7	29.3	28.2	25.4	18.3	16.8	18.0	22.2
Lanao del Norte	3,799.0	3,960.5	4,126.0	4,317.2	4,525.0	4,698.0	4,562.0	4,511.3	4,505.4	4,356.0
Misamis Occidental	274.1	284.4	287.5	345.7	363.3	378.3	382.3	374.6	363.0	387.0
Misamis Oriental	173.4	161.8	134.4	163.0	227.0	330.0	225.0	212.4	197.0	207.7
Davao Region	1,060.2	1,093.6	1,138.0	1,162.1	1,151.8	1,120.7	890.1	902.3	889.6	965.8
Davao del Norte	118.2	128.6	136.6	140.1	128.4	126.5	124.2	123.1	123.7	122.8
Davao del Sur	279.5	295.3	293.9	310.5	323.0	320.7	317.7	314.0	306.4	305.0
Davao Oriental	7.0	7.2	6.8	6.8	8.4	9.0	10.8	11.5	13.0	18.4
Compostela Valley	580.8	586.1	621.9	632.4	617.8	586.0	363.7	381.6	376.5	382.7
Davao City	74.7	76.4	78.7	72.3	74.1	78.4	73.8	72.2	70.1	137.0
SOCCSKSARGEN	769.7	883.0	842.9	817.0	815.8	775.2	712.9	636.3	651.3	642.1
North Cotabato	483.8	579.4	540.9	547.0	568.8	539.5	471.2	408.2	440.9	434.6
Sarangani	65.5	69.4	60.0	50.0	48.8	44.0	40.8	39.8	34.8	37.0
South Cotabato	175.5	181.0	186.9	164.4	146.2	149.6	159.8	147.4	137.3	129.0
Sultan Kudarat	44.9	53.2	55.1	55.5	52.0	42.1	41.0	40.8	38.3	41.5
Caraga	477.1	373.0	307.2	230.0	252.8	213.4	193.0	171.1	225.9	254.1
Agusan del Norte	132.5	105.9	79.3	47.8	48.1	51.7	37.0	29.9	24.3	15.6
Agusan del Sur	238.2	158.6	128.0	115.6	144.6	98.6	98.1	87.2	146.0	176.5
Dinagat Islands	..	..	..	..	..	4.0	2.6	2.4	2.1	2.4
Surigao del Norte	38.6	41.3	35.2	22.0	15.8	12.6	11.2	10.5	8.9	11.2
Surigao del Sur	67.8	67.3	64.8	44.6	44.3	46.6	44.2	41.2	44.6	48.5
ARMM	859.7	879.4	872.0	874.6	978.4	1,005.9	893.7	883.7	882.4	884.9
Basilan	23.6	25.2	25.2	25.9	26.4	26.3	25.2	23.4	22.3	23.1
Lanao del Sur	711.6	722.5	717.4	720.2	820.1	847.7	735.4	726.7	727.1	728.1
Maguindanao	123.5	130.0	127.1	126.3	128.0	128.3	129.2	127.8	128.1	127.6
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	0.9	1.7	2.4	2.3	4.0	3.6	3.9	5.8	5.0	6.1

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Bottle Gourd										
Philippines	**104,029.2**	**102,787.3**	**97,586.2**	**93,779.9**	**92,588.2**	**88,464.4**	**83,217.5**	**82,736.8**	**79,978.4**	**81,401.5**
CAR	1,287.8	1,289.5	1,307.1	1,308.3	1,315.6	1,292.8	1,323.8	1,200.3	1,176.8	1,211.1
Abra	1,082.2	1,094.3	1,115.0	1,114.0	1,114.4	1,084.7	1,111.0	979.8	961.2	998.2
Apayao	3.2	2.6	2.3	2.4	8.6	11.6	15.2	16.8	15.3	20.2
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	202.4	192.6	181.8	183.7	183.9	186.5	187.0	192.5	188.5	183.7
Kalinga	..	..	8.0	8.2	8.8	10.0	10.7	11.2	11.8	8.9
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	10,753.5	10,313.3	10,508.6	10,251.6	10,634.2	10,774.4	10,985.3	10,860.1	10,550.5	10,735.9
Ilocos Norte	2,909.5	2,900.1	2,944.8	2,989.0	3,031.1	3,040.6	3,067.9	3,063.5	3,150.5	3,234.3
Ilocos Sur	1,096.7	1,067.8	1,097.6	1,082.4	1,097.4	1,126.1	1,112.7	1,142.3	1,105.5	1,126.4
La Union	1,945.4	1,977.7	1,902.3	1,871.4	1,834.8	1,820.1	1,885.7	1,762.4	1,772.4	1,912.7
Pangasinan	4,801.9	4,367.8	4,563.9	4,308.9	4,670.9	4,787.7	4,919.0	4,891.8	4,522.0	4,462.5
Cagayan Valley	14,949.4	14,460.4	12,906.2	12,747.9	12,319.0	11,551.3	9,849.4	9,758.4	8,761.6	8,536.8
Batanes	..	..	..	..	24.1	24.0	21.1	15.1	11.1	13.7
Cagayan	5,394.4	5,228.8	4,155.9	4,473.7	4,710.0	5,087.8	4,535.6	4,602.2	3,822.8	3,784.4
Isabela	8,860.3	8,593.8	8,244.7	7,762.7	7,104.1	6,000.4	4,855.2	4,703.5	4,475.5	4,255.9
Nueva Vizcaya	430.7	353.8	298.1	333.7	304.7	257.1	252.4	235.2	244.2	262.0
Quirino	264.0	284.0	207.5	177.7	176.0	182.0	185.0	202.4	207.9	220.8
Central Luzon	9,726.2	9,715.1	9,636.3	9,660.9	9,687.0	9,730.8	9,245.1	9,400.4	9,670.1	10,712.3
Aurora	61.0	65.0	71.0	69.5	68.3	58.8	74.3	75.1	75.8	79.3
Bataan	86.7	85.2	85.6	80.5	74.6	69.4	95.0	93.5	88.5	97.3
Bulacan	1,946.0	1,942.0	1,921.0	1,931.0	1,902.0	1,855.0	1,963.0	2,001.0	2,177.1	2,247.0
Nueva Ecija	6,298.5	6,273.2	6,231.0	6,267.8	6,300.9	6,424.7	5,724.0	5,799.3	5,987.4	6,869.0
Pampanga	807.0	793.0	770.0	752.0	762.0	737.0	752.0	798.0	802.3	823.0
Tarlac	148.8	149.5	145.2	142.2	136.5	128.4	140.3	136.8	135.0	157.0
Zambales	378.2	407.3	412.5	418.0	442.8	457.5	496.5	496.8	403.9	439.8
CALABARZON	29,851.4	30,868.0	30,581.4	29,942.5	29,369.5	27,749.8	25,547.0	25,730.9	24,724.5	24,772.5
Batangas	14,130.6	15,363.7	16,470.5	15,630.3	15,320.1	13,960.1	13,430.2	13,911.1	14,291.3	13,934.5
Cavite	4,155.5	3,982.0	2,605.0	2,619.1	2,656.4	2,732.8	2,322.9	2,148.5	2,108.7	2,252.9
Laguna	3,865.9	3,718.0	3,918.4	3,901.6	3,824.7	3,735.3	2,396.2	2,154.6	1,883.0	1,782.1
Quezon	7,591.2	7,687.7	7,475.1	7,676.4	7,451.1	7,197.1	7,263.1	7,378.2	6,310.7	6,674.2
Rizal	108.2	116.5	112.4	115.1	117.2	124.5	134.6	138.5	130.8	128.8
MIMAROPA	447.2	464.2	486.7	506.5	517.4	559.5	583.5	623.4	620.2	722.7
Marinduque	227.6	231.0	230.0	233.2	236.9	237.6	233.1	252.8	222.9	214.2
Occidental Mindoro	36.1	35.0	34.9	34.7	37.2	46.0	50.1	61.0	78.8	91.2
Oriental Mindoro	39.7	36.1	37.1	38.6	39.3	42.8	46.7	45.3	51.1	125.7
Palawan	78.1	95.5	116.2	128.8	132.2	159.2	175.7	185.4	189.9	213.4
Romblon	65.6	66.7	68.5	71.1	71.9	73.9	78.0	78.9	77.6	78.3
Bicol Region	3,513.7	3,309.2	3,326.5	3,222.5	3,315.4	3,416.7	3,322.5	3,331.1	3,226.5	3,279.5
Albay	682.4	671.5	691.6	663.1	676.3	729.2	650.7	646.9	645.3	650.7
Camarines Norte	1,435.0	1,231.0	1,218.0	1,211.0	1,245.0	1,267.0	1,280.6	1,328.7	1,242.0	1,290.1
Camarines Sur	77.9	74.3	75.5	75.2	75.6	76.0	75.4	76.0	78.4	82.6
Catanduanes	278.5	270.1	271.8	254.7	263.4	271.7	259.6	251.7	246.4	241.2
Masbate	823.8	848.4	843.6	792.1	819.8	839.2	822.0	789.8	782.2	778.5
Sorsogon	216.1	213.8	226.0	226.4	235.3	233.6	234.2	238.0	232.2	236.4
Western Visayas	2,366.1	2,481.1	2,467.4	2,532.9	2,532.4	2,505.0	2,528.0	2,516.2	2,481.8	2,435.4
Aklan	67.3	65.0	64.3	62.7	65.3	56.6	43.1	40.3	32.0	32.1
Antique	68.1	74.2	58.7	42.4	31.7	34.9	34.8	31.8	34.0	37.6
Capiz	267.0	269.5	283.2	288.6	311.7	307.7	284.8	288.0	303.0	320.8
Guimaras	55.1	56.0	56.5	60.3	63.1	59.6	64.8	62.0	66.1	69.1
Iloilo	530.6	552.0	531.0	508.0	518.0	503.0	523.0	525.6	485.0	443.5
Negros Occidental	1,378.0	1,464.4	1,473.8	1,570.9	1,542.5	1,543.2	1,577.4	1,568.4	1,561.7	1,532.3
Central Visayas	7,415.9	7,848.2	5,682.1	4,494.0	4,167.2	3,239.3	3,003.3	2,605.9	2,298.1	2,322.6
Bohol	397.6	318.2	263.2	264.5	142.0	117.0	167.4	146.4	129.1	156.9
Cebu	4,319.2	5,021.7	4,153.6	3,050.3	2,827.8	2,643.5	2,380.0	2,049.5	1,820.5	1,808.7
Negros Oriental	2,647.3	2,453.4	1,217.2	1,127.6	1,149.4	431.5	416.3	378.5	320.0	328.0
Siquijor	51.9	54.9	48.2	51.7	47.9	47.4	39.7	31.5	28.5	29.1
Eastern Visayas	3,664.1	3,709.8	3,685.1	3,730.1	3,770.1	3,480.0	3,349.7	3,449.2	3,431.0	3,310.5
Biliran	421.7	407.3	428.0	428.7	429.3	425.9	400.4	401.1	402.2	374.0
Eastern Samar	66.1	66.5	66.8	66.9	68.2	64.4	55.1	56.1	49.9	41.2
Leyte	2,280.6	2,338.1	2,295.9	2,338.3	2,380.6	2,146.0	2,053.7	2,135.4	2,118.9	2,025.8
Northern Samar	66.6	68.7	70.5	72.0	73.8	77.7	79.9	75.1	74.5	76.3
Southern Leyte	637.1	638.9	640.5	653.0	654.9	656.3	649.0	670.2	672.0	688.4
Samar (Western Sama	192.0	190.4	183.4	171.2	163.5	109.8	111.6	111.4	113.5	104.8
Zamboanga Peninsula	8,972.2	8,181.3	6,777.8	5,832.9	5,185.6	4,152.3	3,458.8	3,311.3	3,205.8	3,231.8
Zamboanga del Norte	1,289.0	1,186.6	1,172.0	1,094.3	1,038.5	840.2	849.1	780.3	696.4	660.9
Zamboanga del Sur	1,492.9	1,310.4	984.2	648.6	477.7	335.5	341.5	279.9	273.8	274.2
Zamboanga Sibugay	1,729.7	1,565.7	1,368.6	1,163.0	768.0	546.5	260.6	213.1	203.3	206.4
Zamboanga City	4,460.7	4,118.6	3,253.0	2,927.0	2,901.3	2,430.1	2,007.7	2,038.0	2,032.3	2,090.3
Northern Mindanao	3,718.2	3,406.3	3,467.1	3,481.8	3,537.7	3,525.2	3,498.3	3,455.5	3,484.3	3,545.6
Bukidnon	270.0	261.0	243.0	225.0	214.0	212.0	195.0	203.0	208.5	217.5
Camiguin	53.1	47.8	45.3	41.8	39.2	36.2	38.0	37.3	34.7	35.1
Lanao del Norte	1,790.0	1,509.0	1,540.0	1,498.0	1,529.0	1,537.0	1,499.0	1,474.7	1,505.1	1,511.2
Misamis Occidental	463.9	502.5	528.3	564.2	568.5	521.0	523.3	525.5	513.0	519.5
Misamis Oriental	1,141.2	1,086.0	1,110.5	1,152.8	1,187.0	1,219.0	1,243.0	1,215.0	1,223.0	1,262.3
Davao Region	3,087.5	3,107.1	3,150.0	3,114.2	3,105.7	3,226.7	3,222.9	3,161.0	3,067.9	3,141.5
Davao del Norte	830.9	871.2	887.0	917.2	916.2	915.8	929.9	951.2	960.8	975.3
Davao del Sur	345.9	347.0	356.6	346.5	355.8	361.0	377.2	384.4	385.3	389.2
Davao Oriental	1,200.8	1,184.8	1,163.3	1,122.7	1,120.1	1,124.1	1,144.4	1,035.5	1,013.3	1,010.4
Compostela Valley	356.1	349.1	388.0	374.5	346.0	442.8	377.7	385.5	368.5	381.2
Davao City	353.7	355.1	355.2	353.3	367.8	383.0	393.7	404.4	340.1	385.4
SOCCSKSARGEN	1,500.2	1,517.2	1,444.1	1,428.3	1,438.2	1,510.6	1,508.8	1,456.3	1,325.3	1,366.8
North Cotabato	421.4	437.3	461.1	477.9	501.0	530.0	540.2	501.1	450.8	473.3
Sarangani	280.0	280.7	247.8	260.5	260.3	263.3	269.0	254.5	211.0	221.0
South Cotabato	156.0	145.2	139.3	130.8	111.0	161.9	156.4	157.6	145.6	135.6
Sultan Kudarat	642.8	654.0	595.9	559.1	566.0	555.5	543.2	543.0	517.9	536.9
Caraga	1,921.7	1,276.5	1,322.8	715.5	839.9	904.7	945.0	1,031.1	1,117.2	1,210.9
Agusan del Norte	1,180.0	725.0	754.3	323.2	445.7	516.2	524.2	471.1	456.4	457.1
Agusan del Sur	277.1	220.1	251.7	216.5	243.6	258.2	295.8	431.3	535.3	632.0
Dinagat Islands	..	..	..	..	..	16.7	16.0	14.9	13.6	12.0
Surigao del Norte	368.0	237.5	219.3	110.7	86.6	48.5	43.8	38.2	33.4	34.9
Surigao del Sur	96.6	93.9	97.6	65.2	64.0	65.1	65.3	75.7	78.6	74.8
ARMM	854.2	840.3	837.1	810.0	853.3	845.4	846.2	846.1	836.9	865.8
Basilan	148.2	143.4	141.4	143.1	175.8	177.2	180.6	181.1	177.4	183.6
Lanao del Sur	145.1	146.6	146.4	145.8	155.9	159.2	153.0	153.5	154.3	154.7
Maguindanao	296.5	289.7	291.3	269.8	265.9	265.3	266.7	265.6	268.4	276.8
Sulu	207.9	205.5	204.5	207.0	213.9	207.2	210.5	212.0	202.0	214.2
Tawi-tawi	56.5	55.1	53.6	44.3	41.9	36.6	35.4	33.9	34.9	36.5

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Habitchuelas										
Philippines	**83,323.5**	**83,045.0**	**80,800.7**	**79,571.6**	**77,408.9**	**75,438.8**	**73,106.8**	**71,970.6**	**69,649.1**	**69,144.2**
CAR	7.1	7.2	7.1	7.1	7.6	8.2	8.7	8.3	8.6	8.3
Abra	6.5	6.7	6.7	6.7	6.9	7.0	7.7	7.4	7.5	7.4
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	0.5	0.5	0.5	0.5	0.7	1.2	1.0	0.9	1.2	0.9
Mountain Province	0.1	..	..	..	..	..	..	..	..	..
Ilocos Region	3,164.3	3,197.6	3,256.1	3,286.8	3,335.1	3,431.7	3,505.5	3,463.1	3,454.5	3,554.6
Ilocos Norte	1,746.7	1,736.0	1,749.2	1,739.8	1,764.1	1,820.5	1,860.9	1,770.1	1,732.9	1,764.7
Ilocos Sur	286.7	306.8	306.8	335.4	342.6	348.1	339.0	348.8	359.4	364.8
La Union	225.0	241.8	239.1	246.5	257.0	267.5	281.5	292.5	296.4	304.3
Pangasinan	905.9	913.0	961.1	965.1	971.3	995.6	1,024.2	1,051.7	1,065.8	1,120.8
Cagayan Valley	2,712.4	2,685.4	2,168.7	2,350.2	2,272.6	2,384.6	2,409.2	2,383.1	2,294.0	2,396.7
Batanes	..	..	..	..	0.8	0.7	0.7	0.9	1.1	1.2
Cagayan	678.7	578.3	412.7	456.5	485.2	552.8	544.6	519.6	500.8	546.0
Isabela	1,330.0	1,378.9	1,116.8	1,241.9	1,162.7	1,215.0	1,247.5	1,242.6	1,174.1	1,216.4
Nueva Vizcaya	549.1	560.2	519.2	531.9	501.5	482.7	488.1	494.8	485.1	494.3
Quirino	154.5	168.0	120.0	119.9	122.5	133.5	128.3	125.2	132.9	138.8
Central Luzon	1,081.9	975.0	1,039.3	1,041.8	994.0	1,000.6	1,141.4	1,182.4	1,229.2	1,328.9
Aurora	83.0	80.0	81.0	82.6	82.0	83.3	103.7	104.8	75.7	110.9
Bataan	118.1	119.2	118.2	109.2	105.0	104.4	153.0	152.0	150.5	155.1
Bulacan	802.0	694.0	758.0	765.0	720.0	725.5	788.0	828.0	904.9	952.4
Nueva Ecija	66.8	69.4	69.7	71.1	72.0	72.2	81.2	81.7	81.0	80.5
Pampanga	..	..	..	..	..	..	..	..	..	10.4
Tarlac	12.1	12.4	12.5	14.0	15.0	15.2	15.5	15.9	17.2	19.5
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	7,052.3	6,839.7	6,214.0	6,623.0	6,135.5	6,150.8	5,928.5	5,448.7	5,231.2	5,285.4
Batangas	222.0	228.4	235.2	387.0	388.0	385.0	337.0	304.1	283.0	314.1
Cavite	1,202.5	1,187.5	873.8	886.1	777.5	763.7	738.1	742.7	789.1	715.0
Laguna	1,043.2	1,053.2	1,024.8	1,064.9	1,039.4	1,035.2	1,024.7	792.0	748.3	773.9
Quezon	4,249.8	4,032.3	3,720.3	3,922.1	3,565.6	3,573.9	3,406.7	3,227.8	3,046.3	3,157.2
Rizal	334.9	338.3	359.8	363.0	365.0	393.0	422.0	382.1	364.5	325.3
MIMAROPA	1,870.8	1,937.8	1,947.7	1,980.8	2,033.3	2,056.8	2,064.6	2,052.4	1,975.3	2,109.7
Marinduque	468.7	479.6	468.6	461.3	474.8	486.3	479.8	468.1	405.6	337.6
Occidental Mindoro	509.5	533.6	537.5	553.1	572.0	577.3	601.9	618.7	651.9	688.6
Oriental Mindoro	254.2	274.8	283.6	291.5	299.0	302.7	303.1	295.8	259.3	392.0
Palawan	461.0	466.4	474.0	482.6	489.5	493.9	500.0	500.2	497.9	527.6
Romblon	177.5	183.4	184.0	192.3	198.1	196.7	179.9	169.5	160.7	163.9
Bicol Region	4,904.2	4,820.5	4,774.6	4,710.2	4,634.7	4,467.6	3,927.3	3,967.6	3,733.9	3,727.8
Albay	2,610.2	2,460.0	2,358.6	2,207.5	2,075.5	1,868.0	1,346.8	1,397.7	1,231.2	1,062.0
Camarines Norte	447.7	455.0	447.0	461.0	450.0	446.0	448.3	438.3	400.9	510.0
Camarines Sur	730.4	761.2	770.3	800.1	820.4	835.5	820.2	841.2	839.3	886.8
Catanduanes	343.5	333.2	346.9	341.1	345.5	359.0	355.5	354.9	368.6	338.1
Masbate	2.6	2.9	2.3	2.6	8.7	12.5	13.1	13.3	13.3	13.8
Sorsogon	769.7	808.2	849.5	897.7	934.7	946.6	943.4	922.4	880.7	917.1
Western Visayas	9,355.1	9,118.3	9,035.7	9,152.7	9,156.8	8,472.3	7,814.2	7,436.3	7,169.6	6,801.9
Aklan	2,268.1	2,277.7	2,225.6	2,231.8	2,205.2	2,106.1	1,696.4	1,704.8	1,627.9	1,462.3
Antique	740.4	867.6	888.0	931.5	920.8	852.8	806.5	792.6	760.2	727.2
Capiz	614.0	649.2	656.4	677.8	726.3	760.9	726.0	683.0	676.5	634.3
Guimaras	753.0	697.0	612.0	540.8	488.8	455.2	425.7	362.8	296.2	274.5
Iloilo	3,556.5	3,137.3	3,190.0	3,288.0	3,320.0	2,797.0	2,645.0	2,384.9	2,278.5	2,136.5
Negros Occidental	1,423.0	1,489.5	1,463.7	1,482.8	1,495.8	1,500.3	1,514.6	1,508.3	1,530.3	1,567.1
Central Visayas	3,339.2	3,235.5	2,804.8	1,665.3	1,597.5	1,621.5	1,478.5	1,386.9	1,310.8	1,422.2
Bohol	1,635.4	1,401.1	1,223.7	608.9	473.8	440.0	269.6	255.6	235.5	276.9
Cebu	444.5	492.9	461.1	365.6	415.6	452.1	470.7	452.0	444.7	452.7
Negros Oriental	1,248.9	1,329.6	1,109.2	679.4	697.3	718.4	727.0	668.4	620.4	681.8
Siquijor	10.3	11.9	10.8	11.4	10.8	11.0	11.1	10.9	10.2	10.8
Eastern Visayas	12,461.8	12,688.0	12,340.1	11,695.8	9,732.4	8,473.1	7,015.7	7,089.3	6,770.3	6,316.5
Biliran	213.3	200.1	158.3	134.0	100.5	70.1	61.2	55.3	53.1	48.0
Eastern Samar	22.5	22.9	23.7	24.0	24.7	24.9	23.5	24.0	22.8	19.7
Leyte	8,115.0	8,360.9	8,077.2	7,547.1	6,900.1	5,863.8	4,812.0	5,035.5	4,758.9	4,361.0
Northern Samar	132.6	137.5	141.9	146.7	128.3	133.6	137.2	129.1	126.6	128.7
Southern Leyte	2,853.5	2,864.6	2,904.0	2,970.0	1,995.0	1,967.8	1,624.0	1,512.0	1,480.0	1,435.0
Samar (Western Sama	1,125.0	1,102.0	1,035.0	874.0	583.8	413.0	357.9	333.5	328.9	324.1
Zamboanga Peninsula	6,452.4	6,440.2	5,929.0	5,712.2	5,631.3	5,480.0	5,587.0	5,562.3	4,562.6	3,822.2
Zamboanga del Norte	5,688.3	5,647.3	5,123.0	4,863.7	4,739.4	4,186.5	4,139.2	4,062.5	3,240.1	2,459.8
Zamboanga del Sur	177.1	176.6	189.8	207.2	215.4	501.8	641.7	690.1	774.2	807.4
Zamboanga Sibugay	31.5	35.1	37.1	61.0	91.7	115.9	113.5	110.2	123.9	127.9
Zamboanga City	555.5	581.2	579.2	580.3	584.9	675.8	692.6	699.6	424.4	427.1
Northern Mindanao	3,709.8	3,407.7	3,419.5	3,481.8	3,591.1	3,569.1	3,463.4	3,444.2	3,497.8	3,611.9
Bukidnon	860.0	820.0	750.0	695.0	702.0	673.0	630.0	610.0	625.0	652.0
Camiguin	99.9	112.4	116.0	119.6	122.1	122.5	120.1	122.4	129.0	141.5
Lanao del Norte	849.5	904.0	956.0	978.0	1,010.0	950.0	962.0	951.0	963.3	977.5
Misamis Occidental	537.1	575.7	599.2	660.2	682.0	683.6	691.3	700.0	697.0	712.7
Misamis Oriental	1,363.3	995.6	998.3	1,029.0	1,075.0	1,140.0	1,060.0	1,060.9	1,083.5	1,128.3
Davao Region	4,232.2	4,266.5	4,290.8	4,401.6	4,422.9	4,458.9	4,636.2	4,542.6	4,426.0	4,476.9
Davao del Norte	1,162.7	1,200.2	1,215.4	1,240.0	1,243.8	1,242.2	1,271.6	1,288.1	1,298.1	1,317.5
Davao del Sur	1,268.5	1,277.9	1,297.0	1,313.6	1,329.3	1,411.3	1,410.0	1,332.7	1,333.5	1,348.4
Davao Oriental	1,009.3	989.7	968.5	988.6	978.2	927.6	975.0	921.1	854.2	858.5
Compostela Valley	301.3	314.1	316.8	324.9	328.1	326.3	388.3	394.8	350.9	345.2
Davao City	490.4	484.6	493.1	534.5	543.5	551.6	591.4	605.9	589.3	607.4
SOCCSKSARGEN	5,091.0	5,241.2	5,237.9	5,375.5	5,461.4	5,517.1	5,647.8	5,556.5	5,291.7	5,271.4
North Cotabato	3,340.4	3,459.0	3,553.5	3,710.4	3,822.7	3,875.7	3,988.7	3,940.9	3,836.9	3,821.9
Sarangani	362.2	366.0	343.7	363.0	359.8	341.0	334.0	325.0	268.0	289.0
South Cotabato	636.3	652.9	594.9	551.0	524.6	542.9	570.7	538.3	483.0	450.8
Sultan Kudarat	752.2	763.3	745.9	751.2	754.3	757.5	754.4	752.3	703.8	709.6
Caraga	1,924.7	1,878.8	1,828.5	1,634.6	1,546.3	1,390.2	1,381.9	1,269.5	1,241.7	1,364.7
Agusan del Norte	290.7	250.9	220.4	249.6	266.9	270.0	240.9	212.5	217.0	215.5
Agusan del Sur	871.0	899.9	886.8	832.6	977.7	849.2	902.5	852.0	809.3	931.4
Dinagat Islands	..	..	..	..	..	12.8	9.1	8.1	6.8	5.4
Surigao del Norte	665.5	647.7	632.5	461.0	210.0	163.3	133.0	110.1	101.7	106.7
Surigao del Sur	97.5	80.3	88.8	91.3	91.7	95.0	96.4	86.9	106.9	105.7
ARMM	15,964.3	16,305.8	16,506.8	16,452.4	16,856.6	16,956.4	17,097.2	17,177.4	17,452.1	17,645.2
Basilan	322.2	348.9	343.6	353.7	360.6	363.8	361.3	359.0	341.5	349.3
Lanao del Sur	144.3	135.7	131.8	135.8	128.6	124.2	130.4	130.4	130.9	131.2
Maguindanao	14,650.0	15,153.0	15,455.0	15,467.0	15,910.0	16,053.0	16,214.0	16,308.2	16,630.3	16,830.0
Sulu	636.4	475.7	405.0	340.0	312.0	287.0	272.5	261.0	239.0	229.0
Tawi-tawi	211.4	192.4	171.4	156.0	145.5	128.5	119.1	118.7	110.3	105.8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Kangkong										
Philippines	**83,323.5**	**83,045.0**	**80,800.7**	**79,571.6**	**77,408.9**	**75,438.8**	**73,106.8**	**71,970.6**	**69,649.1**	**69,144.2**
CAR	7.1	7.2	7.1	7.1	7.6	8.2	8.7	8.3	8.6	8.3
Abra	6.5	6.7	6.7	6.7	6.9	7.0	7.7	7.4	7.5	7.4
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	0.5	0.5	0.5	0.5	0.7	1.2	1.0	0.9	1.2	0.9
Mountain Province	0.1	..	..	..	..	..	..	..	..	..
Ilocos Region	3,164.3	3,197.6	3,256.1	3,286.8	3,335.1	3,431.7	3,505.5	3,463.1	3,454.5	3,554.6
Ilocos Norte	1,746.7	1,736.0	1,749.2	1,739.8	1,764.1	1,820.5	1,860.9	1,770.1	1,732.9	1,764.7
Ilocos Sur	286.7	306.8	306.8	335.4	342.6	348.1	339.0	348.8	359.4	364.8
La Union	225.0	241.8	239.1	246.5	257.0	267.5	281.5	292.5	296.4	304.3
Pangasinan	905.9	913.0	961.1	965.1	971.3	995.6	1,024.2	1,051.7	1,065.8	1,120.8
Cagayan Valley	2,712.4	2,685.4	2,168.7	2,350.2	2,272.6	2,384.6	2,409.2	2,383.1	2,294.0	2,396.7
Batanes	..	..	..	..	0.8	0.7	0.7	0.9	1.1	1.2
Cagayan	678.7	578.3	412.7	456.5	485.2	552.8	544.6	519.6	500.8	546.0
Isabela	1,330.0	1,378.9	1,116.8	1,241.9	1,162.7	1,215.0	1,247.5	1,242.6	1,174.1	1,216.4
Nueva Vizcaya	549.1	560.2	519.2	531.9	501.5	482.7	488.1	494.8	485.1	494.3
Quirino	154.5	168.0	120.0	119.9	122.5	133.5	128.3	125.2	132.9	138.8
Central Luzon	1,081.9	975.0	1,039.3	1,041.8	994.0	1,000.6	1,141.4	1,182.4	1,229.2	1,328.9
Aurora	83.0	80.0	81.0	82.6	82.0	83.3	103.7	104.8	75.7	110.9
Bataan	118.1	119.2	118.2	109.2	105.0	104.4	153.0	152.0	150.5	155.1
Bulacan	802.0	694.0	758.0	765.0	720.0	725.5	788.0	828.0	904.9	952.4
Nueva Ecija	66.8	69.4	69.7	71.1	72.0	72.2	81.2	81.7	81.0	80.5
Pampanga	..	..	..	..	..	..	..	..	..	10.4
Tarlac	12.1	12.4	12.5	14.0	15.0	15.2	15.5	15.9	17.2	19.5
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	7,052.3	6,839.7	6,214.0	6,623.0	6,135.5	6,150.8	5,928.5	5,448.7	5,231.2	5,285.4
Batangas	222.0	228.4	235.2	387.0	388.0	385.0	337.0	304.1	283.0	314.1
Cavite	1,202.5	1,187.5	873.8	886.1	777.5	763.7	738.1	742.7	789.1	715.0
Laguna	1,043.2	1,053.2	1,024.8	1,064.9	1,039.4	1,035.2	1,024.7	792.0	748.3	773.9
Quezon	4,249.8	4,032.3	3,720.3	3,922.1	3,565.6	3,573.9	3,406.7	3,227.8	3,046.3	3,157.2
Rizal	334.9	338.3	359.8	363.0	365.0	393.0	422.0	382.1	364.5	325.3
MIMAROPA	1,870.8	1,937.8	1,947.7	1,980.8	2,033.3	2,056.8	2,064.6	2,052.4	1,975.3	2,109.7
Marinduque	468.7	479.6	468.6	461.3	474.8	486.3	479.8	468.1	405.6	337.6
Occidental Mindoro	509.5	533.6	537.5	553.1	572.0	577.3	601.9	618.7	651.9	688.6
Oriental Mindoro	254.2	274.8	283.6	291.5	299.0	302.7	303.1	295.8	259.3	392.0
Palawan	461.0	466.4	474.0	482.6	489.5	493.9	500.0	500.2	497.9	527.6
Romblon	177.5	183.4	184.0	192.3	198.1	196.7	179.9	169.5	160.7	163.9
Bicol Region	4,904.2	4,820.5	4,774.6	4,710.2	4,634.7	4,467.6	3,927.3	3,967.6	3,733.9	3,727.8
Albay	2,610.2	2,460.0	2,358.6	2,207.5	2,075.5	1,868.0	1,346.8	1,397.7	1,231.2	1,062.0
Camarines Norte	447.7	455.0	447.0	461.0	450.0	446.0	448.3	438.3	400.9	510.0
Camarines Sur	730.4	761.2	770.3	800.1	820.4	835.5	820.2	841.2	839.3	886.8
Catanduanes	343.5	333.2	346.9	341.1	345.5	359.0	355.5	354.9	368.6	338.1
Masbate	2.6	2.9	2.3	2.6	8.7	12.5	13.1	13.3	13.3	13.8
Sorsogon	769.7	808.2	849.5	897.7	934.7	946.6	943.4	922.4	880.7	917.1
Western Visayas	9,355.1	9,118.3	9,035.7	9,152.7	9,156.8	8,472.3	7,814.2	7,436.3	7,169.6	6,801.9
Aklan	2,268.1	2,277.7	2,225.6	2,231.8	2,205.2	2,106.1	1,696.4	1,704.8	1,627.9	1,462.3
Antique	740.4	867.6	888.0	931.5	920.8	852.8	806.5	792.6	760.2	727.2
Capiz	614.0	649.2	656.4	677.8	726.3	760.9	726.0	683.0	676.5	634.3
Guimaras	753.0	697.0	612.0	540.8	488.8	455.2	425.7	362.8	296.2	274.5
Iloilo	3,556.5	3,137.3	3,190.0	3,288.0	3,320.0	2,797.0	2,645.0	2,384.9	2,278.5	2,136.5
Negros Occidental	1,423.0	1,489.5	1,463.7	1,482.8	1,495.8	1,500.3	1,514.6	1,508.3	1,530.3	1,567.1
Central Visayas	3,339.2	3,235.5	2,804.8	1,665.3	1,597.5	1,621.5	1,478.5	1,386.9	1,310.8	1,422.2
Bohol	1,635.4	1,401.1	1,223.7	608.9	473.8	440.0	269.6	255.6	235.5	276.9
Cebu	444.5	492.9	461.1	365.6	415.6	452.1	470.7	452.0	444.7	452.7
Negros Oriental	1,248.9	1,329.6	1,109.2	679.4	697.3	718.4	727.0	668.4	620.4	681.8
Siquijor	10.3	11.9	10.8	11.4	10.8	11.0	11.1	10.9	10.2	10.8
Eastern Visayas	12,461.8	12,688.0	12,340.1	11,695.8	9,732.4	8,473.1	7,015.7	7,089.3	6,770.3	6,316.5
Biliran	213.3	200.1	158.3	134.0	100.5	70.1	61.2	55.3	53.1	48.0
Eastern Samar	22.5	22.9	23.7	24.0	24.7	24.9	23.5	24.0	22.8	19.7
Leyte	8,115.0	8,360.9	8,077.2	7,547.1	6,900.1	5,863.8	4,812.0	5,035.5	4,758.9	4,361.0
Northern Samar	132.6	137.5	141.9	146.7	128.3	133.6	137.2	129.1	126.6	128.7
Southern Leyte	2,853.5	2,864.6	2,904.0	2,970.0	1,995.0	1,967.8	1,624.0	1,512.0	1,480.0	1,435.0
Samar (Western Sama	1,125.0	1,102.0	1,035.0	874.0	583.8	413.0	357.9	333.5	328.9	324.1
Zamboanga Peninsula	6,452.4	6,440.2	5,929.0	5,712.2	5,631.3	5,480.0	5,587.0	5,562.3	4,562.6	3,822.2
Zamboanga del Norte	5,688.3	5,647.3	5,123.0	4,863.7	4,739.4	4,186.5	4,139.2	4,062.5	3,240.1	2,459.8
Zamboanga del Sur	177.1	176.6	189.8	207.2	215.4	501.8	641.7	690.1	774.2	807.4
Zamboanga Sibugay	31.5	35.1	37.1	61.0	91.7	115.9	113.5	110.2	123.9	127.9
Zamboanga City	555.5	581.2	579.2	580.3	584.9	675.8	692.6	699.6	424.4	427.1
Northern Mindanao	3,709.8	3,407.7	3,419.5	3,481.8	3,591.1	3,569.1	3,463.4	3,444.2	3,497.8	3,611.9
Bukidnon	860.0	820.0	750.0	695.0	702.0	673.0	630.0	610.0	625.0	652.0
Camiguin	99.9	112.4	116.0	119.6	122.1	122.5	120.1	122.4	129.0	141.5
Lanao del Norte	849.5	904.0	956.0	978.0	1,010.0	950.0	962.0	951.0	963.3	977.5
Misamis Occidental	537.1	575.7	599.2	660.2	682.0	683.6	691.3	700.0	697.0	712.7
Misamis Oriental	1,363.3	995.6	998.3	1,029.0	1,075.0	1,140.0	1,060.0	1,060.9	1,083.5	1,128.3
Davao Region	4,232.2	4,266.5	4,290.8	4,401.6	4,422.9	4,458.9	4,636.2	4,542.6	4,426.0	4,476.9
Davao del Norte	1,162.7	1,200.2	1,215.4	1,240.0	1,243.8	1,242.2	1,271.6	1,288.1	1,298.1	1,317.5
Davao del Sur	1,268.5	1,277.9	1,297.0	1,313.6	1,329.3	1,411.3	1,410.0	1,332.7	1,333.5	1,348.4
Davao Oriental	1,009.3	989.7	968.5	988.6	978.2	927.6	975.0	921.1	854.2	858.5
Compostela Valley	301.3	314.1	316.8	324.9	328.1	326.3	388.3	394.8	350.9	345.2
Davao City	490.4	484.6	493.1	534.5	543.5	551.6	591.4	605.9	589.3	607.4
SOCCSKSARGEN	5,091.0	5,241.2	5,237.9	5,375.5	5,461.4	5,517.1	5,647.8	5,556.5	5,291.7	5,271.4
North Cotabato	3,340.4	3,459.0	3,553.5	3,710.4	3,822.7	3,875.7	3,988.7	3,940.9	3,836.9	3,821.9
Sarangani	362.2	366.0	343.7	363.0	359.8	341.0	334.0	325.0	268.0	289.0
South Cotabato	636.3	652.9	594.9	551.0	524.6	542.9	570.7	538.3	483.0	450.8
Sultan Kudarat	752.2	763.3	745.9	751.2	754.3	757.5	754.4	752.3	703.8	709.6
Caraga	1,924.7	1,878.8	1,828.5	1,634.6	1,546.3	1,390.2	1,381.9	1,269.5	1,241.7	1,364.7
Agusan del Norte	290.7	250.9	220.4	249.6	266.9	270.0	240.9	212.5	217.0	215.5
Agusan del Sur	871.0	899.9	886.8	832.6	977.7	849.2	902.5	852.0	809.3	931.4
Dinagat Islands	..	..	..	..	..	12.8	9.1	8.1	6.8	5.4
Surigao del Norte	665.5	647.7	632.5	461.0	210.0	163.3	133.0	110.1	101.7	106.7
Surigao del Sur	97.5	80.3	88.8	91.3	91.7	95.0	96.4	86.9	106.9	105.7
ARMM	15,964.3	16,305.8	16,506.8	16,452.4	16,856.6	16,956.4	17,097.2	17,177.4	17,452.1	17,645.2
Basilan	322.2	348.9	343.6	353.7	360.6	363.8	361.3	359.0	341.5	349.3
Lanao del Sur	144.3	135.7	131.8	135.8	128.6	124.2	130.4	130.4	130.9	131.2
Maguindanao	14,650.0	15,153.0	15,455.0	15,467.0	15,910.0	16,053.0	16,214.0	16,308.2	16,630.3	16,830.0
Sulu	636.4	475.7	405.0	340.0	312.0	287.0	272.5	261.0	239.0	229.0
Tawi-tawi	211.4	192.4	171.4	156.0	145.5	128.5	119.1	118.7	110.3	105.8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Lettuce										
Philippines	**3,565.7**	**3,576.8**	**3,634.1**	**3,518.8**	**3,647.0**	**4,040.5**	**4,060.7**	**3,809.9**	**3,821.7**	**4,032.7**
CAR	1,404.4	1,394.9	1,486.2	1,233.2	1,269.7	1,283.4	1,290.9	1,203.6	1,188.0	1,209.3
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,278.0	1,268.6	1,371.8	1,128.8	1,157.4	1,161.1	1,155.5	1,082.3	1,049.2	1,082.3
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	126.3	126.3	114.4	104.3	112.3	122.3	135.4	121.3	138.8	127.0
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	..	..	..	0.1	0.9	2.1	3.5	4.0	3.2	2.9
Batanes	..	..	..	..	0.7	0.7	0.9	1.0	0.3	0.3
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	1.2	2.4	2.9	2.4	2.0
Nueva Vizcaya	..	..	..	0.1	0.2	0.2	0.2	0.2	0.4	0.6
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	..	..	..	..	..	..	..	..	1.4	0.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	0.3	0.3
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	1.1	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	130.6	118.3	110.3	108.7	137.4	218.6	274.3	314.5	329.5	353.4
Batangas	8.8	6.4	5.9	6.0	4.3	2.1	3.0	1.9	1.6	1.2
Cavite	113.1	103.3	96.3	97.6	108.1	114.5	111.7	149.6	146.5	171.9
Laguna	8.2	8.2	8.1	5.2	25.1	102.0	159.6	163.0	181.4	180.3
Quezon	0.5	0.4	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	5.5	5.5	7.3	7.9	7.8
Marinduque	..	..	..	..	..	5.5	5.5	7.3	7.9	7.8
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	18.9	19.4	18.1	28.1	32.7	35.2	35.2	55.1	49.8	53.9
Aklan	0.1	0.6	0.6	0.6	0.6	1.3	1.1	1.3	1.3	1.4
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	0.1	0.0	0.1	1.0
Iloilo	18.7	18.8	17.5	27.5	32.1	33.9	34.0	53.8	48.4	51.5
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	156.6	173.1	200.7	266.6	317.3	604.5	611.7	551.6	116.7	578.0
Bohol	0.7	..	2.8	2.8	7.4	10.2	6.1	5.4	5.9	11.4
Cebu	54.7	57.0	51.9	74.6	96.9	100.4	115.2	112.3	110.1	107.6
Negros Oriental	101.2	116.2	146.0	189.1	212.9	493.7	489.0	433.8	..	458.3
Siquijor	..	..	0.0	..	0.1	0.3	1.4	0.2	0.6	0.6
Eastern Visayas	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.6	0.6	1.0
Biliran	..	..	..	..	..	..	..	..	..	0.3
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.6	0.6	0.7
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	17.2	18.5	18.3	20.4	21.3	22.8	24.3	24.1	23.6	23.1
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	17.2	18.5	18.3	20.4	21.3	22.8	24.3	24.1	23.6	23.1
Northern Mindanao	1,783.2	1,794.9	1,757.1	1,816.1	1,821.3	1,817.9	1,759.4	1,593.2	1,602.8	1,687.1
Bukidnon	1,720.0	1,755.0	1,740.0	1,795.0	1,790.0	1,780.0	1,720.0	1,560.0	1,571.0	1,657.0
Camiguin	0.2	0.0	0.1	5.1	2.3	1.9	1.4	1.5	0.7	0.7
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	0.1
Misamis Oriental	63.0	39.8	17.0	16.0	29.0	36.0	38.0	31.7	31.2	29.4
Davao Region	5.0	5.0	4.8	4.8	5.0	5.3	6.2	6.4	34.0	60.6
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	0.7	0.8	0.6	0.6	0.7	0.8	0.8	1.1	1.0	1.0
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	4.3	4.3	4.3	4.2	4.3	4.5	5.3	5.3	33.0	59.6
SOCCSKSARGEN	49.4	52.0	37.3	39.8	40.5	44.8	49.2	49.5	50.6	51.3
North Cotabato	48.2	51.0	36.7	39.3	40.0	44.4	48.8	49.1	50.2	50.9
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	1.2	1.0	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Sultan Kudarat	..	..	..	..	..	..	..	..	..	..
Caraga	..	..	0.7	0.3	0.0	..	0.1	..	0.3	4.1
Agusan del Norte	..	..	0.7	0.3	0.0	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	0.1	..	0.3	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	3.4
Surigao del Sur	..	..	..	..	..	..	..	..	..	0.7
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mongo										
Philippines	**29,617.3**	**27,694.0**	**27,055.2**	**32,960.0**	**32,365.7**	**32,422.0**	**32,144.2**	**33,622.9**	**34,038.9**	**35,340.7**
CAR	142.2	139.0	130.9	140.5	140.8	134.1	133.0	128.4	124.2	111.2
Abra	..	..	..	12.0	12.2	12.4	13.0	13.2	13.0	13.2
Apayao	4.9	4.4	3.4	3.9	3.9	4.6	5.4	5.9	6.3	6.7
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	77.4	75.8	72.7	68.5	70.4	69.0	68.1	63.3	55.4	50.3
Kalinga	25.7	24.6	23.6	24.6	24.7	25.3	25.9	28.0	29.7	20.8
Mountain Province	34.3	34.2	31.2	31.5	29.6	22.8	20.7	18.0	19.9	20.2
Ilocos Region	11,342.0	11,293.4	11,146.0	11,080.3	11,230.1	11,473.2	12,105.3	11,875.0	12,369.2	12,619.3
Ilocos Norte	4,921.0	4,843.3	4,994.2	4,917.8	4,988.4	4,900.3	4,989.0	5,073.2	5,127.2	5,308.2
Ilocos Sur	690.9	755.3	733.1	806.9	810.1	838.4	873.1	905.7	941.5	895.4
La Union	199.5	195.2	182.8	179.9	175.6	180.8	193.5	200.4	203.4	226.6
Pangasinan	5,530.6	5,499.6	5,235.9	5,175.8	5,256.1	5,553.7	6,049.8	5,695.7	6,097.1	6,189.1
Cagayan Valley	4,956.9	3,691.7	3,949.8	10,028.5	9,032.2	8,453.4	7,164.3	8,251.6	8,282.8	7,817.6
Batanes	..	..	..	..	1.2	1.3	0.8	0.6	0.7	0.6
Cagayan	619.1	467.4	443.3	508.7	454.4	491.5	616.8	726.5	926.1	971.7
Isabela	4,322.8	3,208.2	3,494.8	9,507.7	8,565.1	7,950.6	6,478.8	7,419.7	7,205.8	6,690.5
Nueva Vizcaya	0.7	0.6	..	0.8	1.5	1.5	60.3	95.9	137.8	143.8
Quirino	14.3	15.6	11.8	11.4	10.0	8.5	7.6	8.9	12.4	11.1
Central Luzon	2,275.4	2,299.1	2,201.2	2,554.1	2,918.0	3,297.7	3,489.2	3,880.3	4,014.6	5,487.4
Aurora	..	..	..	..	..	..	..	..	..	1.5
Bataan	3.9	3.9	4.0	3.6	3.2	3.4	3.5	4.0	3.7	3.5
Bulacan	21.8	19.1	17.5	24.1	23.5	25.9	27.0	63.3	79.1	55.0
Nueva Ecija	50.8	51.7	50.6	51.7	50.5	49.8	50.5	133.1	128.9	133.5
Pampanga	25.1	23.8	21.5	30.0	39.4	36.0	45.5	52.5	49.4	70.3
Tarlac	2,140.7	2,166.2	2,073.6	2,409.2	2,764.4	3,144.6	3,322.7	3,558.0	3,684.4	5,176.0
Zambales	33.2	34.5	33.9	35.5	37.1	38.1	40.0	69.5	69.1	47.7
CALABARZON	171.1	157.4	132.5	136.0	117.2	106.8	93.2	102.6	103.9	96.8
Batangas	20.7	21.9	20.0	17.5	9.0	3.5	4.3	4.0	2.9	2.3
Cavite	3.5	3.3	3.0	2.7	3.0	2.9	2.9	2.7	2.6	3.0
Laguna	..	..	..	0.1	0.1	0.1	0.1	0.2	4.3	0.0
Quezon	142.1	128.5	105.4	111.7	101.2	96.2	81.4	88.7	87.1	83.7
Rizal	4.8	3.7	4.1	4.0	3.9	4.1	4.5	7.0	7.0	7.8
MIMAROPA	559.5	590.9	597.1	640.2	663.0	719.4	726.5	768.5	787.5	761.7
Marinduque	44.9	45.6	44.1	43.5	44.4	47.9	47.4	50.6	55.9	51.3
Occidental Mindoro	449.3	478.2	482.9	525.8	544.9	595.6	591.5	628.0	614.9	594.8
Oriental Mindoro	2.6	2.5	2.7	3.2	4.3	4.8	14.3	13.7	42.0	40.9
Palawan	21.7	24.0	27.5	29.6	31.9	33.4	37.3	38.2	37.9	38.5
Romblon	41.0	40.6	39.8	38.1	37.5	37.6	36.0	38.1	36.8	36.3
Bicol Region	164.2	159.3	156.8	147.1	166.2	180.7	165.5	161.5	157.8	158.2
Albay	74.9	70.9	68.0	63.7	59.6	53.8	40.6	34.2	30.7	27.4
Camarines Norte	1.1	0.7	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7
Camarines Sur	28.2	29.0	28.5	27.3	28.1	28.7	28.0	27.7	29.4	29.3
Catanduanes	7.2	6.9	7.2	7.1	7.1	7.4	7.3	7.6	5.1	6.9
Masbate	19.0	20.0	19.5	18.3	38.2	57.4	55.6	54.6	57.6	58.6
Sorsogon	33.8	31.9	33.2	30.2	32.6	32.8	33.4	36.9	34.5	35.3
Western Visayas	3,727.4	3,335.2	2,806.7	2,552.3	2,501.4	2,512.9	2,696.2	2,869.7	2,736.1	2,762.4
Aklan	121.0	112.2	114.1	112.6	107.6	111.9	93.6	94.6	95.4	97.3
Antique	2,215.5	1,928.6	1,535.7	1,186.1	1,078.6	1,078.4	1,027.5	1,052.8	1,123.7	936.9
Capiz	34.2	33.9	38.4	43.2	41.2	39.5	37.5	39.8	40.2	39.6
Guimaras	22.9	23.8	22.1	20.8	22.4	22.3	25.2	23.9	18.3	24.3
Iloilo	1,019.9	941.5	805.0	911.0	973.6	981.5	1,238.5	1,383.0	1,184.0	1,392.0
Negros Occidental	314.0	295.3	291.4	278.6	278.0	279.3	273.8	275.5	274.6	272.3
Central Visayas	739.0	691.5	673.5	584.4	557.6	574.6	566.5	538.7	489.9	514.8
Bohol	105.8	37.6	39.7	28.1	31.0	30.1	30.2	28.7	6.1	22.9
Cebu	328.4	346.0	324.0	264.8	248.8	271.0	277.2	268.6	231.7	220.4
Negros Oriental	264.7	266.2	271.5	252.5	243.8	243.1	231.3	215.3	231.0	251.4
Siquijor	40.1	41.6	38.3	39.1	34.0	30.4	27.9	26.2	21.2	20.2
Eastern Visayas	273.0	279.7	273.8	272.4	270.6	181.6	158.8	165.4	156.5	146.1
Biliran	3.1	3.0	2.7	2.7	2.6	2.5	2.3	2.5	2.6	2.4
Eastern Samar	11.2	11.3	11.5	11.5	11.7	9.4	8.8	8.8	7.5	0.1
Leyte	235.0	241.7	236.0	234.3	232.7	147.6	126.0	132.9	127.5	124.9
Northern Samar	4.7	4.8	4.9	5.0	5.3	5.5	5.6	5.4	3.9	3.7
Southern Leyte	7.1	7.4	11.4	7.4	7.4	7.4	7.4	7.5	7.3	7.7
Samar (Western Sama	12.0	11.6	7.3	11.6	11.0	9.2	8.7	8.3	7.8	7.5
Zamboanga Peninsula	248.8	238.4	210.1	197.9	198.5	220.3	239.2	232.1	226.3	225.1
Zamboanga del Norte	66.5	71.6	57.4	57.1	58.2	68.6	72.1	69.7	60.3	56.4
Zamboanga del Sur	85.7	73.1	65.1	56.9	55.0	60.5	80.3	77.7	77.0	78.8
Zamboanga Sibugay	44.5	43.9	37.1	31.9	32.0	32.2	26.6	25.9	30.1	30.9
Zamboanga City	52.1	49.8	50.5	52.0	53.3	58.9	60.2	58.8	58.9	59.0
Northern Mindanao	347.2	372.0	376.9	372.9	372.6	375.4	366.4	377.2	366.4	374.0
Bukidnon	30.2	40.0	33.0	32.0	28.0	37.0	42.0	38.5	39.7	45.4
Camiguin	2.8	2.6	2.4	2.3	2.0	1.8	1.3	1.1	0.9	0.9
Lanao del Norte	233.6	247.5	258.0	246.0	254.0	242.0	231.0	238.5	233.0	223.0
Misamis Occidental	38.3	43.0	50.4	56.5	56.6	59.7	65.3	74.2	72.1	69.2
Misamis Oriental	42.2	39.0	33.1	36.1	32.0	35.0	26.9	25.0	20.7	35.5
Davao Region	1,032.3	1,033.0	993.1	946.4	930.9	917.9	952.4	935.0	939.6	969.9
Davao del Norte	463.6	469.9	464.7	481.3	466.3	468.6	477.7	470.9	475.3	478.9
Davao del Sur	381.7	383.7	355.0	328.6	338.4	337.1	347.1	334.4	332.2	351.5
Davao Oriental	44.8	43.5	38.8	37.2	36.3	35.8	43.3	41.5	41.2	41.2
Compostela Valley	39.5	37.9	35.4	23.0	17.8	8.7	6.6	7.5	7.3	9.3
Davao City	102.8	98.1	99.3	76.4	72.2	67.7	77.7	80.7	83.6	89.0
SOCCSKSARGEN	510.7	519.9	493.9	465.8	482.4	487.7	472.8	445.5	413.4	393.8
North Cotabato	367.8	357.9	347.0	343.7	343.4	337.3	321.3	303.3	289.6	280.0
Sarangani	42.2	43.1	27.6	29.7	31.2	32.7	32.2	27.0	22.0	23.8
South Cotabato	34.6	39.3	30.0	33.3	49.5	70.6	74.9	70.1	57.9	61.4
Sultan Kudarat	66.2	79.6	89.3	59.1	58.3	47.1	44.4	45.2	43.9	28.6
Caraga	122.5	93.0	146.2	116.6	164.2	151.9	182.3	239.5	241.4	271.8
Agusan del Norte	54.5	30.7	45.2	25.6	32.4	24.4	23.8	21.8	20.9	22.0
Agusan del Sur	17.2	14.0	55.1	59.3	105.0	98.4	127.8	187.9	183.2	214.3
Dinagat Islands	..	..	..	..	..	1.3	0.9	0.8	0.6	0.8
Surigao del Norte	28.1	27.8	25.8	17.6	12.0	10.9	11.8	8.5	10.7	11.0
Surigao del Sur	22.7	20.4	20.1	14.2	14.9	16.8	18.1	20.6	26.0	23.7
ARMM	3,005.3	2,800.6	2,766.8	2,724.9	2,620.1	2,634.6	2,632.5	2,652.0	2,629.4	2,630.4
Basilan	11.8	11.2	10.8	9.9	8.9	9.0	9.4	9.0	4.0	3.0
Lanao del Sur	21.5	21.7	21.8	21.1	20.7	21.9	21.7	23.0	23.3	23.3
Maguindanao	2,865.0	2,665.0	2,635.0	2,589.5	2,491.0	2,507.7	2,509.8	2,531.8	2,530.6	2,530.6
Sulu	102.4	98.9	95.8	100.1	95.3	91.5	87.6	84.2	68.0	70.1
Tawi-tawi	4.6	3.8	3.5	4.3	4.3	4.4	4.1	4.0	3.6	3.4

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Okra										
Philippines	**29,485.2**	**29,709.9**	**29,716.3**	**29,128.6**	**29,773.6**	**30,121.6**	**30,274.2**	**30,638.4**	**30,528.9**	**31,378.6**
CAR	31.3	31.7	33.7	33.8	39.6	47.3	49.8	50.0	45.9	48.9
Abra	21.8	22.2	22.6	22.4	22.3	22.3	25.3	25.6	24.8	25.5
Apayao	0.8	0.8	0.7	0.7	6.0	11.7	12.7	13.2	11.6	13.0
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	8.7	8.7	10.5	10.7	11.3	13.4	11.8	11.2	9.6	10.3
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	1,604.4	1,566.3	1,576.8	1,627.7	1,623.9	1,698.0	1,738.1	1,763.5	1,816.2	1,914.5
Ilocos Norte	661.7	662.2	646.3	652.6	663.4	704.4	715.3	732.4	745.5	765.9
Ilocos Sur	212.2	213.5	221.8	224.3	223.0	242.2	239.6	249.4	257.4	264.0
La Union	264.5	253.6	241.5	235.3	248.8	258.2	277.9	286.5	302.9	334.4
Pangasinan	466.1	437.0	467.3	515.4	488.7	493.2	505.3	495.2	510.3	550.1
Cagayan Valley	5,850.1	5,695.6	5,213.8	5,465.5	5,531.1	5,458.7	5,181.2	5,220.7	4,970.7	5,253.1
Batanes	..	..	..	..	6.1	6.4	6.3	4.9	3.9	4.1
Cagayan	1,967.4	1,847.4	1,694.5	1,823.0	1,807.8	1,899.2	1,884.4	2,052.3	1,888.9	2,083.8
Isabela	3,110.7	3,084.9	2,852.9	2,917.2	2,987.3	2,855.8	2,585.3	2,474.2	2,402.2	2,467.3
Nueva Vizcaya	695.6	673.3	603.5	676.7	676.8	641.1	642.5	633.7	617.6	638.1
Quirino	76.5	90.0	63.0	48.6	53.0	56.3	62.7	55.6	58.2	59.9
Central Luzon	10,758.5	10,789.7	10,850.5	10,855.1	10,876.6	10,798.5	10,897.9	11,032.8	11,300.2	11,183.5
Aurora	92.0	97.5	107.0	108.7	109.7	98.5	117.7	122.6	142.7	146.7
Bataan	31.3	32.1	32.4	33.6	35.0	35.0	46.0	48.0	46.5	46.8
Bulacan	1,541.0	1,474.5	1,555.0	1,549.0	1,521.0	1,531.0	1,593.0	1,620.0	2,284.0	2,394.0
Nueva Ecija	8,160.0	8,189.4	8,194.5	8,228.2	8,232.0	8,194.1	8,104.8	8,126.7	7,666.1	7,327.3
Pampanga	124.5	121.0	112.0	101.5	124.0	133.0	151.0	149.0	132.1	141.2
Tarlac	609.4	664.4	644.2	622.6	618.3	566.5	610.1	662.8	746.8	813.0
Zambales	200.4	210.7	205.4	211.5	236.6	240.4	275.4	303.8	282.0	314.4
CALABARZON	1,390.4	1,380.0	1,640.3	1,719.6	1,819.2	1,851.9	1,665.0	1,836.3	1,652.9	1,679.8
Batangas	330.0	355.0	463.0	512.0	510.0	538.8	516.0	629.8	479.2	530.3
Cavite	234.9	229.1	360.8	360.3	449.0	453.3	368.2	335.4	306.1	287.7
Laguna	686.8	655.3	652.8	652.0	650.9	644.0	597.1	642.9	646.0	669.9
Quezon	101.0	106.6	128.9	160.6	174.1	178.4	145.3	154.4	151.1	133.6
Rizal	37.7	34.0	34.7	34.7	35.2	37.5	38.5	73.9	70.5	58.3
MIMAROPA	147.3	161.8	182.3	197.2	213.5	258.4	298.0	326.9	367.6	460.8
Marinduque	18.8	19.3	19.6	20.1	20.7	20.9	20.8	23.4	29.6	29.5
Occidental Mindoro	26.2	29.6	32.6	31.3	35.5	37.2	42.7	54.6	61.7	69.1
Oriental Mindoro	13.3	12.5	14.1	14.6	15.1	19.2	26.1	20.4	37.3	99.8
Palawan	23.7	31.9	44.1	54.6	62.8	97.7	118.1	132.5	138.0	151.7
Romblon	65.3	68.5	71.9	76.7	79.4	83.4	90.2	96.1	101.1	110.7
Bicol Region	1,720.8	1,776.9	1,778.3	1,775.6	1,864.5	1,870.1	1,808.7	1,795.8	1,779.4	1,859.2
Albay	41.6	42.8	44.6	44.6	46.6	49.6	44.6	44.2	46.9	43.7
Camarines Norte	226.5	213.5	199.0	193.0	201.0	206.5	197.2	196.0	185.8	194.3
Camarines Sur	49.1	52.0	53.7	53.3	53.5	53.8	53.8	54.3	50.8	56.1
Catanduanes	16.8	16.2	16.9	16.4	16.3	16.9	16.6	16.4	15.9	14.7
Masbate	903.1	946.5	928.1	921.4	986.8	1,008.2	956.3	938.7	948.3	1,012.5
Sorsogon	483.7	505.9	535.9	546.9	560.3	535.0	540.2	546.2	531.6	538.0
Western Visayas	1,396.4	1,451.1	1,454.7	1,562.2	1,621.8	1,633.2	1,679.4	1,687.9	1,773.7	1,930.6
Aklan	63.2	66.1	67.1	69.2	71.8	70.4	62.8	61.5	52.9	54.7
Antique	123.6	106.8	101.7	108.8	117.9	123.9	116.9	120.9	122.1	151.1
Capiz	200.0	201.5	205.3	220.9	227.3	218.1	221.0	232.3	250.4	267.3
Guimaras	71.0	70.0	71.8	77.4	80.4	84.6	88.1	83.9	83.9	92.0
Iloilo	534.8	610.0	605.0	667.0	694.0	710.0	753.0	749.0	815.6	917.5
Negros Occidental	403.9	396.7	403.9	418.9	430.5	426.3	437.6	440.3	448.9	448.0
Central Visayas	1,950.2	2,119.1	2,193.8	1,402.4	1,477.7	1,597.0	1,658.8	1,571.1	1,489.5	1,585.1
Bohol	1,090.1	1,183.4	1,226.6	315.8	333.6	357.1	375.1	350.3	306.8	352.1
Cebu	462.5	512.8	573.6	605.4	629.2	642.6	670.8	655.0	659.1	659.4
Negros Oriental	379.2	403.0	375.9	459.8	495.0	576.8	592.2	544.8	505.8	555.5
Siquijor	18.4	19.9	17.8	21.4	19.8	20.6	20.7	21.1	17.8	18.1
Eastern Visayas	922.6	940.8	941.9	954.2	982.1	879.7	861.6	893.1	888.2	823.7
Biliran	8.8	9.1	10.2	10.3	10.7	10.1	9.4	13.5	13.6	13.1
Eastern Samar	11.4	11.9	12.1	12.2	12.4	11.0	11.8	12.4	12.2	11.9
Leyte	852.8	868.7	868.0	878.1	904.1	800.8	782.8	809.1	805.3	741.2
Northern Samar	22.4	23.1	23.8	24.5	25.2	26.4	27.2	26.9	25.4	25.9
Southern Leyte	12.0	12.2	12.6	12.8	13.0	13.0	12.2	12.6	12.6	13.0
Samar (Western Sama	15.3	15.8	15.3	16.4	16.8	18.4	18.2	18.6	19.1	18.6
Zamboanga Peninsula	366.1	378.7	384.5	410.9	424.3	549.1	792.0	799.5	783.8	793.9
Zamboanga del Norte	108.1	109.6	107.0	113.7	111.1	112.7	116.0	109.0	105.1	102.0
Zamboanga del Sur	102.8	107.1	109.7	115.9	117.6	176.6	373.5	379.9	365.5	383.8
Zamboanga Sibugay	49.0	51.9	50.8	58.1	66.8	71.1	69.9	69.8	69.6	72.0
Zamboanga City	106.2	110.1	117.0	123.2	128.8	188.8	232.6	240.8	243.6	236.0
Northern Mindanao	1,464.1	1,505.5	1,531.7	1,632.6	1,715.1	1,823.6	1,857.9	1,823.3	1,813.4	1,884.5
Bukidnon	80.0	93.0	87.0	105.0	125.0	153.0	139.0	123.0	129.0	137.0
Camiguin	25.4	26.4	29.2	30.9	29.2	28.7	31.0	30.6	34.7	36.9
Lanao del Norte	1,058.0	1,076.0	1,081.6	1,079.0	1,097.3	1,106.0	1,108.0	1,087.3	1,099.0	1,107.5
Misamis Occidental	95.6	109.5	140.0	180.0	199.7	215.9	226.9	237.4	236.7	245.0
Misamis Oriental	205.1	200.6	193.9	237.7	264.0	320.0	353.0	345.0	314.0	358.1
Davao Region	501.7	519.1	535.3	538.6	556.6	571.2	612.2	611.2	625.4	674.8
Davao del Norte	106.8	116.5	126.1	133.0	137.1	137.0	142.5	154.4	155.9	152.6
Davao del Sur	131.4	139.3	144.4	154.8	164.2	167.4	177.2	169.6	171.4	174.5
Davao Oriental	116.4	112.6	111.8	109.4	107.1	108.3	119.5	111.3	107.4	106.8
Compostela Valley	40.0	41.9	42.9	44.3	47.7	58.2	65.5	68.4	69.9	71.8
Davao City	107.2	108.9	110.1	97.1	100.5	100.4	107.5	107.5	120.7	169.2
SOCCSKSARGEN	506.6	522.2	505.6	516.3	522.3	544.6	557.8	558.2	569.9	588.6
North Cotabato	200.8	210.5	219.1	226.3	233.6	248.0	259.1	259.3	277.2	281.0
Sarangani	71.4	70.6	55.5	58.5	58.9	58.0	58.3	58.0	57.0	60.8
South Cotabato	65.6	67.0	67.1	66.5	64.0	72.6	78.6	77.4	77.2	78.7
Sultan Kudarat	168.8	174.1	164.0	165.0	165.9	166.0	161.7	163.5	158.5	168.1
Caraga	842.0	837.2	859.7	403.3	470.4	503.5	577.7	628.8	612.7	656.4
Agusan del Norte	233.5	233.2	241.8	44.4	66.4	82.6	95.5	99.6	122.1	132.5
Agusan del Sur	270.6	288.4	279.0	232.5	287.3	306.2	353.7	405.3	362.4	377.6
Dinagat Islands	..	..	..	..	..	12.5	12.2	11.5	9.8	10.0
Surigao del Norte	131.5	132.9	145.0	64.2	51.6	31.2	46.2	34.3	33.2	43.9
Surigao del Sur	206.5	182.7	193.9	62.3	65.2	71.0	70.2	78.1	85.2	92.4
ARMM	32.7	34.3	33.4	33.6	35.1	36.7	38.4	39.3	39.6	41.2
Basilan	5.3	5.6	5.5	5.6	5.7	5.8	6.0	5.9	5.7	5.9
Lanao del Sur	5.6	5.5	5.4	5.5	5.9	6.6	6.9	7.3	7.7	7.9
Maguindanao	21.0	22.3	21.5	21.5	22.1	22.7	23.1	23.3	23.3	23.8
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	0.9	0.9	1.0	1.1	1.3	1.6	2.4	2.8	2.9	3.6

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Onion										
Philippines	**128,923.4**	**127,054.7**	**135,377.3**	**128,387.2**	**124,889.6**	**134,239.0**	**203,651.4**	**181,207.8**	**122,594.0**	**184,427.0**
CAR	..	..	..	..	..	..	..	..	..	..
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	42,987.9	39,779.7	42,090.8	40,620.5	40,421.2	39,770.1	39,727.4	40,048.3	38,471.6	40,292.2
Ilocos Norte	18,170.7	17,990.6	18,528.2	19,991.7	20,570.2	20,274.7	20,298.9	19,907.7	19,226.4	19,315.3
Ilocos Sur	15,287.8	14,840.6	16,084.2	15,857.2	15,245.3	14,805.7	15,061.4	15,513.8	15,156.5	16,939.4
La Union	32.9	34.0	30.5	23.5	23.3	21.5	23.1	80.0	120.3	126.0
Pangasinan	9,496.5	6,914.6	7,448.0	4,748.1	4,582.4	4,668.2	4,344.0	4,546.8	3,968.3	3,911.5
Cagayan Valley	2,045.9	2,058.5	3,183.4	4,799.0	2,827.9	7,277.4	7,628.2	7,018.8	7,837.8	8,663.9
Batanes	..	..	..	..	66.1	69.1	71.5	72.0	67.6	71.6
Cagayan	42.5	49.0	42.0	43.5	43.2	45.1	41.6	37.9	32.2	32.3
Isabela	69.9	55.4	29.9	28.0	23.4	16.2	12.6	19.1	10.9	8.2
Nueva Vizcaya	1,933.5	1,954.2	3,111.5	4,727.5	2,695.2	7,147.1	7,502.4	6,889.9	7,727.1	8,551.9
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	70,302.1	72,719.1	74,868.4	73,535.3	72,499.9	73,911.1	142,344.0	115,907.5	61,075.4	115,553.4
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	70,288.6	72,703.5	74,678.4	73,500.4	72,481.4	73,854.2	142,279.4	115,834.6	61,002.6	115,474.4
Pampanga	3.5	3.0	3.0	2.8	3.5	4.5	4.5	4.7	4.7	4.6
Tarlac	..	..	174.0	18.4	..	36.5	43.0	48.7	49.7	56.3
Zambales	10.0	12.6	13.1	13.8	15.0	15.9	17.0	19.5	18.4	18.1
CALABARZON	199.6	206.3	220.7	366.1	329.2	390.4	372.5	298.1	214.8	170.8
Batangas	27.2	27.1	29.0	184.0	168.0	245.0	228.0	187.5	136.2	83.9
Cavite	172.4	179.2	191.7	182.1	161.2	145.4	144.5	110.6	78.6	86.8
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	13,129.5	12,080.3	14,816.7	8,888.3	8,465.3	12,589.8	13,333.9	17,579.3	14,664.6	19,405.3
Marinduque	4.0	4.0	3.9	3.9	4.0	3.9	3.8	3.9	3.6	3.2
Occidental Mindoro	13,123.0	12,073.9	14,800.2	8,870.0	8,447.9	12,571.2	13,313.8	16,575.0	13,329.5	17,147.3
Oriental Mindoro	..	..	12.6	14.4	13.4	14.7	16.4	1,000.3	1,331.5	2,254.9
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	2.5	2.4	..	..	..	..	..	..	..	..
Bicol Region	..	..	..	..	..	..	..	..	..	..
Albay	..	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	217.0	176.1	163.8	148.6	278.6	230.7	170.1	296.7	278.0	307.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	217.0	176.1	163.8	148.6	278.6	230.7	170.1	296.7	278.0	307.0
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	..	..	0.7	2.5	16.7	5.2	16.7	3.6	6.1	4.8
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	..	..	..	..	..	..	..	..	..	..
Negros Oriental	..	..	..	..	..	..	5.0	1.9	6.0	4.4
Siquijor	..	..	0.7	2.5	16.7	5.2	11.7	1.7	0.2	0.4
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	16.3	15.6	14.3	6.1	1.9	1.8	1.7	1.6	1.4	1.1
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	4.4	3.9	2.7	2.1	1.9	1.8	1.7	1.6	1.4	1.1
Zamboanga Sibugay	11.9	11.7	11.5	4.1	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	..	..	..	0.4	..	..	..	..	..	..
Bukidnon	..	..	..	..	..	..	..	..	..	..
Camiguin	..	..	..	..	..	..	..	..	..	..
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	0.4	..	..	..	..	..	..
Davao Region	..	..	..	..	..	..	..	..	..	..
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	..	..	..	..	..	..	..	..	..	..
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	..	..	..	..	..	..	..	..	..	..
SOCCSKSARGEN	25.2	19.1	18.6	20.5	49.0	62.7	56.8	52.7	44.4	27.9
North Cotabato	..	..	..	..	..	..	..	..	..	..
Sarangani	..	..	..	..	..	..	..	..	..	..
South Cotabato	24.7	18.9	18.5	20.4	48.9	62.7	56.8	52.7	44.4	27.9
Sultan Kudarat	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	..	..
Caraga	..	..	..	..	..	..	..	1.2	..	0.6
Agusan del Norte	..	..	..	..	..	..	..	..	..	..
Agusan del Sur	..	..	..	..	..	..	..	1.2	..	..
Dinagat Islands	..	..	..	..	..	..	..	..	..	..
Surigao del Norte	..	..	..	..	..	..	..	..	..	..
Surigao del Sur	..	..	..	..	..	..	..	..	..	0.6
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Peanut										
Philippines	**30,247.2**	**30,977.8**	**29,623.8**	**29,734.2**	**29,136.0**	**29,091.2**	**29,195.8**	**29,194.8**	**27,920.9**	**29,373.7**
CAR	130.6	124.2	122.2	121.2	122.7	125.5	123.8	110.0	102.6	96.5
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	5.4	4.6	3.4	3.5	3.5	4.1	4.2	4.4	4.1	4.3
Benguet	10.0	9.9	10.1	9.6	9.3	9.2	8.7	7.5	8.1	8.4
Ifugao	38.0	35.4	33.5	34.5	34.6	34.6	34.8	35.8	36.0	36.3
Kalinga	10.0	9.8	9.5	9.7	10.0	11.1	10.6	9.9	9.0	6.7
Mountain Province	67.2	64.7	65.7	63.9	65.3	66.6	65.5	52.4	45.4	40.8
Ilocos Region	11,808.1	11,834.0	12,120.2	11,566.3	11,765.7	11,431.7	11,761.7	11,563.6	11,210.1	12,072.3
Ilocos Norte	1,259.9	1,249.0	1,255.7	1,288.0	1,332.4	1,368.1	1,405.9	1,432.4	1,442.3	1,462.3
Ilocos Sur	1,614.4	1,611.5	1,535.0	1,572.4	1,536.7	1,567.8	1,609.6	1,635.1	1,668.6	1,700.6
La Union	3,109.8	3,151.3	3,014.6	3,051.0	2,915.3	2,896.9	2,720.1	2,757.5	2,742.6	3,136.9
Pangasinan	5,824.0	5,822.2	6,315.0	5,654.9	5,981.2	5,598.8	6,026.1	5,738.6	5,356.6	5,772.6
Cagayan Valley	4,055.6	4,432.4	3,392.7	4,373.3	3,907.8	3,975.7	3,644.2	3,886.6	3,209.9	3,141.5
Batanes	..	..	..	..	2.1	2.2	1.7	1.3	1.2	0.3
Cagayan	1,811.4	1,876.8	1,509.3	1,683.1	1,878.1	1,819.0	1,705.8	2,253.4	1,674.6	1,628.6
Isabela	1,374.1	1,926.6	1,320.9	2,153.3	1,497.1	1,637.3	1,416.9	1,111.5	1,001.6	1,099.0
Nueva Vizcaya	835.6	593.4	533.8	502.3	499.9	488.9	494.3	497.4	499.3	381.8
Quirino	34.5	35.6	28.8	34.6	30.7	28.2	25.6	23.0	33.3	31.7
Central Luzon	1,856.6	1,769.1	1,731.0	1,763.7	1,742.6	1,744.4	1,821.8	1,723.6	1,724.7	1,856.5
Aurora	882.0	821.0	824.0	829.3	805.5	782.5	824.6	842.0	884.4	1,032.6
Bataan	94.8	92.3	91.9	93.0	89.0	91.0	85.6	85.8	81.0	86.6
Bulacan	36.5	33.9	31.2	32.8	33.5	35.2	41.3	52.6	46.5	46.7
Nueva Ecija	31.0	30.6	30.3	30.2	30.1	30.0	35.7	35.0	34.9	34.4
Pampanga	190.0	181.0	176.5	188.0	200.0	208.0	219.5	222.8	227.1	234.3
Tarlac	616.5	604.0	571.5	584.2	577.5	590.6	607.5	474.5	440.4	413.0
Zambales	5.8	6.3	5.6	6.2	7.0	7.2	7.6	10.9	10.5	8.9
CALABARZON	750.9	737.7	635.4	650.6	547.8	523.4	494.8	516.7	514.2	488.7
Batangas	166.5	169.6	165.0	167.8	54.0	36.6	31.5	37.4	33.9	32.0
Cavite	221.3	215.2	134.2	145.0	162.1	163.6	144.1	145.4	152.9	145.1
Laguna	4.0	14.4	11.5	10.2	12.2	20.8	18.8	11.9	11.6	6.7
Quezon	325.6	306.4	293.5	297.2	288.2	270.3	262.8	282.8	270.7	256.7
Rizal	33.5	32.1	31.2	30.5	31.3	32.1	37.6	39.1	45.3	48.1
MIMAROPA	1,132.3	1,202.4	1,215.0	1,249.3	1,278.0	1,272.9	1,298.6	1,371.4	1,413.6	1,441.4
Marinduque	138.7	139.6	135.9	134.5	135.8	135.2	137.8	155.7	164.2	157.6
Occidental Mindoro	504.1	524.5	530.8	549.4	561.4	542.1	553.1	587.3	597.4	620.4
Oriental Mindoro	1.0	1.0	3.6	4.0	4.2	4.6	5.4	5.6	31.9	32.4
Palawan	435.5	484.1	491.5	506.9	522.3	535.6	546.2	565.2	562.9	570.6
Romblon	53.0	53.3	53.2	54.5	54.4	55.5	56.1	57.7	57.3	60.5
Bicol Region	947.6	945.4	956.5	931.0	924.4	868.5	884.0	852.1	882.1	865.6
Albay	678.0	679.5	699.1	678.7	661.1	598.6	618.6	580.0	611.4	600.4
Camarines Norte	38.8	31.1	24.2	24.3	25.9	27.1	27.9	28.7	29.8	31.7
Camarines Sur	139.8	142.7	137.3	124.3	126.7	130.3	129.1	128.6	131.4	124.7
Catanduanes	29.4	28.4	28.8	26.5	27.7	28.8	27.4	29.8	26.6	26.0
Masbate	40.2	43.2	45.2	55.3	58.4	58.1	54.4	55.3	57.2	56.7
Sorsogon	21.4	20.7	22.1	22.0	24.6	25.7	26.6	29.7	25.7	26.2
Western Visayas	2,289.7	2,324.1	2,061.4	2,078.7	2,093.3	2,114.6	2,183.4	2,222.5	2,072.4	2,250.6
Aklan	55.1	49.1	45.7	51.4	56.6	55.0	50.9	47.2	44.1	47.3
Antique	651.0	672.6	502.7	449.6	407.1	405.3	392.0	395.7	414.5	464.0
Capiz	44.8	54.0	57.0	56.8	58.7	59.1	59.1	58.5	57.9	60.7
Guimaras	9.1	9.3	7.6	8.6	10.1	10.5	12.7	12.8	11.5	13.8
Iloilo	1,166.8	1,179.9	1,091.5	1,146.2	1,195.0	1,222.0	1,292.5	1,324.5	1,154.8	1,273.5
Negros Occidental	363.0	359.4	356.9	366.2	365.8	362.7	376.2	383.8	389.6	391.2
Central Visayas	1,225.0	1,335.2	1,146.7	1,070.9	1,031.2	1,014.4	1,004.7	981.5	920.6	1,083.7
Bohol	356.4	373.2	219.1	223.0	239.9	237.1	216.0	205.9	106.5	198.5
Cebu	353.1	374.1	353.9	326.6	323.9	336.0	361.0	378.0	402.2	381.6
Negros Oriental	330.9	379.9	387.5	340.5	299.1	293.2	288.5	263.9	300.4	384.9
Siquijor	184.6	208.0	186.1	180.8	168.3	148.2	139.2	133.8	111.5	118.8
Eastern Visayas	550.9	569.3	563.3	574.7	579.1	572.4	498.1	514.3	489.0	471.8
Biliran	32.9	31.8	28.7	28.2	28.2	27.5	26.1	26.1	26.2	24.3
Eastern Samar	19.9	20.1	20.1	20.2	20.6	19.8	15.1	12.2	12.2	0.2
Leyte	233.5	250.1	250.8	256.5	257.7	252.1	183.6	200.8	194.6	190.8
Northern Samar	64.3	65.8	66.3	67.3	69.6	71.7	73.8	73.3	65.6	64.2
Southern Leyte	183.4	184.6	16.1	186.7	187.0	188.0	186.8	188.8	178.4	181.0
Samar (Western Sama	16.9	16.9	181.2	15.8	16.0	13.3	12.8	13.1	12.0	11.4
Zamboanga Peninsula	543.8	550.6	515.2	497.0	492.1	892.9	1,071.3	1,062.9	1,110.7	1,137.8
Zamboanga del Norte	122.0	129.2	121.8	122.9	132.4	108.8	116.3	113.9	109.1	111.6
Zamboanga del Sur	274.8	276.6	262.4	254.4	261.3	685.2	831.6	839.4	888.1	908.8
Zamboanga Sibugay	112.1	112.6	97.9	85.4	62.5	50.6	64.4	49.9	53.5	57.1
Zamboanga City	35.0	32.3	33.2	34.3	35.9	48.3	59.0	59.7	60.1	60.4
Northern Mindanao	2,886.0	3,047.3	3,091.3	2,922.9	2,739.3	2,632.7	2,452.9	2,402.5	2,415.7	2,457.3
Bukidnon	487.0	527.0	475.0	503.0	496.0	510.0	527.0	506.0	504.0	544.0
Camiguin	7.0	8.2	9.3	9.1	9.4	8.8	8.0	7.5	8.2	9.9
Lanao del Norte	2,342.2	2,461.0	2,561.0	2,364.0	2,180.0	2,050.0	1,870.0	1,841.3	1,854.6	1,844.0
Misamis Occidental	15.8	19.2	22.6	24.3	32.5	28.6	28.2	28.9	28.9	30.6
Misamis Oriental	34.0	31.9	23.4	22.5	21.4	35.4	19.8	18.9	20.1	28.8
Davao Region	678.5	688.5	653.5	580.1	548.3	542.8	555.4	568.3	545.5	577.2
Davao del Norte	60.5	65.6	66.2	68.1	70.4	71.3	77.7	80.9	78.7	78.4
Davao del Sur	66.9	75.3	67.8	68.9	60.5	60.0	58.7	62.7	60.6	55.5
Davao Oriental	47.9	47.2	46.7	43.6	40.2	39.7	41.4	38.9	36.4	35.9
Compostela Valley	167.5	175.2	175.5	158.2	141.4	129.7	132.8	138.0	134.0	149.5
Davao City	335.7	325.1	297.4	241.4	235.9	242.2	244.9	247.8	235.9	257.9
SOCCSKSARGEN	604.8	686.9	644.4	657.8	683.9	674.2	671.3	646.9	554.3	629.3
North Cotabato	238.2	234.9	233.4	226.8	229.5	239.4	236.8	235.1	205.2	176.4
Sarangani	54.5	55.0	41.2	43.4	44.2	45.8	45.3	36.5	29.2	31.8
South Cotabato	21.9	26.4	25.8	26.0	30.0	30.9	33.4	30.9	41.4	42.5
Sultan Kudarat	290.2	370.7	344.0	361.6	380.2	358.1	355.7	344.3	278.5	378.5
Caraga	150.4	112.1	162.4	92.4	104.0	124.5	150.9	201.8	200.3	240.8
Agusan del Norte	63.0	45.5	50.6	13.4	14.6	22.4	22.7	20.4	18.1	16.8
Agusan del Sur	39.3	20.6	68.5	42.2	53.8	65.4	89.6	143.9	143.3	185.7
Dinagat Islands	..	..	..	..	..	0.7	0.5	0.5	0.4	0.6
Surigao del Norte	17.0	17.5	13.5	10.9	8.8	6.3	6.2	5.2	5.4	6.0
Surigao del Sur	31.0	28.6	29.8	25.9	26.8	29.6	32.0	31.9	33.0	31.6
ARMM	636.5	618.8	612.6	604.4	575.9	580.5	578.9	570.3	555.3	562.9
Basilan	52.2	50.3	48.5	47.0	47.1	47.6	46.3	43.6	41.3	43.2
Lanao del Sur	200.6	202.5	203.5	197.7	183.6	192.4	194.7	192.9	194.2	194.4
Maguindanao	134.0	128.5	125.0	126.9	124.1	127.4	128.3	129.8	128.9	133.3
Sulu	183.1	177.3	180.0	179.0	171.0	169.1	166.9	164.9	154.0	157.9
Tawi-tawi	66.7	60.2	55.7	53.8	50.2	44.1	42.7	39.1	37.0	34.2

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pechay Chinese										
Philippines	**50,099.0**	**49,451.2**	**52,221.8**	**50,581.2**	**51,618.0**	**51,798.2**	**52,243.4**	**51,434.8**	**50,745.5**	**50,265.6**
CAR	44,971.0	43,879.1	46,497.3	44,388.6	45,170.0	45,058.4	45,145.3	44,676.8	43,983.9	43,376.0
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	0.7
Benguet	40,079.4	39,727.3	43,234.5	41,492.2	42,349.0	42,118.8	42,166.5	41,914.5	41,208.9	40,418.5
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	12.8	12.9	12.2	12.6	12.8	5.5	..	..	..	..
Mountain Province	4,878.8	4,139.0	3,250.6	2,883.7	2,808.2	2,934.1	2,978.8	2,762.3	2,775.0	2,956.8
Ilocos Region	3.0	2.8	2.6	3.0	2.7	2.2	0.8	0.7	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	3.0	2.8	2.6	3.0	2.7	2.2	0.8	0.7	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	176.5	161.6	146.1	177.6	192.9	156.5	141.6	132.6	157.4	187.4
Batanes	..	..	..	..	..	..	..	1.4	1.2	0.3
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	..	..	..	..	..	..	..	..	..	..
Nueva Vizcaya	176.5	161.6	146.1	177.6	192.9	156.5	141.6	131.2	156.2	186.1
Quirino	..	..	..	..	..	..	..	..	..	1.0
Central Luzon	..	..	..	..	..	..	..	..	1.0	1.0
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	1.0	1.0
Nueva Ecija	..	..	..	..	..	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	154.5	151.0	150.7	165.6	163.4	164.9	153.3	161.2	122.9	121.2
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	81.4	71.9	64.2	106.5	110.7	111.4	114.3	114.6	78.6	79.4
Quezon	73.1	79.1	86.5	59.0	52.7	53.6	38.9	46.5	44.3	41.8
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
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	2,736.1	2,854.7	3,013.6	3,256.5	3,339.2	3,570.0	3,689.4	3,471.2	3,510.6	3,515.4
Bohol	8.1	10.8	16.7	13.3	10.3	8.7	1.6	1.2	1.5	1.9
Cebu	2,584.9	2,687.3	2,789.7	3,061.6	3,130.3	3,414.1	3,564.8	3,376.6	3,373.2	3,376.6
Negros Oriental	143.2	156.6	207.2	181.6	198.6	147.3	123.0	92.5	136.0	136.9
Siquijor	..	..	..	..	..	..	0.0	0.9	..	..
Eastern Visayas	2.5	2.6	1.7	1.6	1.6	1.6	1.5	2.1	1.9	0.9
Biliran	2.5	2.6	1.7	1.6	1.6	1.6	1.5	2.1	1.9	0.9
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	80.1	80.5	77.2	78.5	79.9	89.6	84.4	82.8	80.0	72.1
Zamboanga del Norte	25.7	24.7	21.9	20.8	20.5	21.1	21.0	19.6	19.8	16.7
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	54.4	55.8	55.3	57.7	59.4	68.5	63.4	63.2	60.1	55.4
Northern Mindanao	1,244.7	1,584.6	1,605.7	1,777.9	1,917.1	1,992.5	2,260.3	2,174.8	2,183.6	2,239.5
Bukidnon	1,050.0	1,375.0	1,405.0	1,550.0	1,660.0	1,770.0	1,830.0	1,775.0	1,846.0	1,908.0
Camiguin	0.1	0.3	0.7	..	0.1	0.4	0.4	0.4	0.2	0.3
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	18.4	20.3	25.0	27.9	30.1	35.1	40.0	43.4	38.4	34.0
Misamis Oriental	176.2	189.0	175.0	200.0	227.0	187.0	390.0	356.0	299.0	297.2
Davao Region	389.5	391.8	403.9	407.9	399.5	390.7	375.2	387.4	385.3	414.0
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	292.8	300.9	312.6	318.3	322.7	323.8	323.7	335.0	337.0	352.8
Davao Oriental	11.9	11.5	10.8	6.9	3.9	..	..	..	..	..
Compostela Valley	62.0	57.2	58.4	59.4	49.1	41.6	25.1	25.7	21.1	17.0
Davao City	22.8	22.2	22.1	23.3	23.8	25.2	26.3	26.7	27.3	44.2
SOCCSKSARGEN	341.2	342.5	323.0	324.1	351.7	371.9	391.6	345.3	318.9	338.2
North Cotabato	316.7	317.2	301.8	302.1	315.5	324.2	336.0	293.9	271.7	282.5
Sarangani	9.1	8.5	7.1	5.2	4.8	3.9	3.7	2.9	1.8	1.6
South Cotabato	15.4	16.9	14.2	16.8	27.5	38.1	46.1	42.8	39.4	47.2
Sultan Kudarat	..	..	..	..	3.9	5.8	5.8	5.7	6.0	7.0
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pechay Native										
Philippines	**45,396.4**	**44,922.4**	**44,860.8**	**44,525.4**	**45,126.0**	**45,983.2**	**45,645.1**	**46,581.8**	**46,657.6**	**48,625.1**
CAR	4,357.9	4,329.2	4,132.8	4,101.8	4,109.6	4,063.5	3,972.0	3,783.5	3,641.4	3,359.0
Abra	7.5	7.7	7.8	7.8	8.0	8.4	10.3	10.1	9.8	10.0
Apayao	1.8	3.0	2.6	2.5	2.7	4.7	5.1	6.0	4.6	4.8
Benguet	3,907.7	3,914.2	3,747.7	3,717.7	3,722.0	3,659.2	3,568.3	3,379.2	3,263.9	3,000.1
Ifugao	177.6	164.1	145.3	149.3	150.3	149.9	151.3	155.3	150.0	139.0
Kalinga	74.2	73.7	70.4	72.4	79.5	99.0	101.3	100.6	87.4	83.6
Mountain Province	189.1	166.5	159.0	152.2	147.1	142.3	135.8	132.4	125.8	121.6
Ilocos Region	2,172.6	2,075.2	2,145.7	2,230.4	2,296.2	2,256.1	2,303.5	2,337.4	2,394.3	2,442.2
Ilocos Norte	722.3	742.2	757.5	767.0	789.8	805.0	825.2	847.3	853.0	870.6
Ilocos Sur	126.3	133.4	133.3	127.8	131.3	135.0	130.2	133.5	143.8	148.0
La Union	84.7	89.6	83.3	84.7	89.7	93.9	107.6	102.5	101.3	114.2
Pangasinan	1,239.2	1,110.0	1,171.6	1,251.0	1,285.4	1,222.2	1,240.5	1,254.1	1,296.3	1,309.3
Cagayan Valley	6,140.9	5,838.6	5,334.5	5,338.6	5,501.9	5,533.2	5,687.7	5,725.5	5,885.8	6,533.1
Batanes	..	..	..	..	30.4	20.8	22.8	17.3	19.9	21.2
Cagayan	3,055.5	2,663.3	2,510.8	2,527.3	2,526.0	2,527.6	2,742.1	2,816.2	2,954.6	3,416.6
Isabela	2,226.9	2,321.5	2,106.2	2,214.7	2,340.6	2,413.9	2,359.5	2,328.2	2,370.6	2,501.8
Nueva Vizcaya	781.5	758.9	637.3	510.0	537.9	501.4	485.1	483.7	450.6	509.8
Quirino	77.0	95.0	80.3	86.6	67.0	69.5	78.3	80.2	90.1	83.6
Central Luzon	2,724.1	2,720.3	2,813.2	2,774.5	2,797.5	2,865.9	3,051.6	3,151.2	3,296.8	3,696.7
Aurora	58.0	59.5	62.0	62.6	61.3	59.0	65.2	67.6	73.6	67.2
Bataan	41.9	62.0	61.2	57.9	58.8	56.7	59.1	59.7	58.0	66.8
Bulacan	925.5	887.0	968.0	940.0	942.0	1,006.0	1,150.0	1,186.5	1,289.7	1,366.0
Nueva Ecija	901.2	905.2	910.2	909.0	912.3	911.9	878.2	882.2	846.5	1,138.5
Pampanga	204.5	199.0	198.5	197.0	209.0	224.0	259.5	275.0	276.0	291.8
Tarlac	494.7	498.5	502.9	486.8	479.5	466.4	473.7	488.1	569.5	579.4
Zambales	98.3	109.1	110.4	121.2	134.7	142.0	166.0	192.1	183.5	187.1
CALABARZON	6,210.2	6,155.7	6,377.5	6,777.3	6,939.9	6,929.7	6,877.3	7,161.5	7,017.3	6,896.0
Batangas	512.0	525.0	559.5	576.0	525.0	423.0	428.0	479.6	486.3	554.8
Cavite	209.0	181.5	197.8	196.3	265.0	259.2	256.0	262.9	235.4	233.3
Laguna	977.2	990.9	1,029.2	977.6	959.7	951.4	956.3	958.2	1,027.6	1,043.0
Quezon	4,113.6	4,113.4	4,251.6	4,685.5	4,838.0	4,946.1	4,870.1	5,059.8	4,871.2	4,725.3
Rizal	398.4	344.9	339.5	341.9	352.2	350.0	367.0	401.0	396.8	339.6
MIMAROPA	362.9	384.8	419.4	429.3	442.9	539.0	601.6	632.5	706.3	1,171.3
Marinduque	84.6	85.6	85.2	86.7	88.2	88.2	86.5	93.0	100.6	101.9
Occidental Mindoro	42.2	44.6	49.7	49.6	50.6	58.8	68.2	70.6	91.4	115.3
Oriental Mindoro	78.6	69.4	74.7	79.5	80.6	95.6	115.7	115.1	146.7	550.9
Palawan	99.4	124.8	149.7	149.6	157.9	230.6	256.1	276.2	288.2	306.0
Romblon	58.2	60.5	60.1	64.0	65.6	65.8	75.1	77.5	79.5	97.1
Bicol Region	13,819.1	13,752.9	13,956.6	13,442.0	13,457.7	13,987.9	12,783.9	13,464.0	13,542.4	13,962.4
Albay	7,212.8	7,005.0	6,942.3	6,446.2	6,420.8	6,874.7	5,734.7	5,997.1	6,236.7	6,709.7
Camarines Norte	332.0	311.0	284.0	277.0	287.9	294.8	287.4	297.9	249.7	305.8
Camarines Sur	5,931.2	6,086.8	6,372.1	6,348.3	6,357.2	6,413.5	6,364.9	6,774.8	6,670.6	6,566.9
Catanduanes	71.2	67.4	69.0	65.4	67.6	69.9	68.8	71.3	72.8	67.5
Masbate	241.1	252.5	257.2	272.4	288.5	298.7	292.0	286.1	276.8	275.6
Sorsogon	30.8	30.1	32.0	32.7	35.8	36.4	36.2	36.8	35.8	36.9
Western Visayas	1,685.7	1,750.1	1,775.2	1,824.6	1,820.5	1,784.2	1,805.0	1,917.5	1,974.8	2,053.4
Aklan	221.8	232.1	235.8	236.7	223.4	195.2	167.2	167.3	154.6	152.1
Antique	229.1	224.6	234.9	242.7	258.3	260.7	270.7	281.0	289.8	342.2
Capiz	195.1	183.0	177.1	193.5	180.2	182.9	181.4	207.9	202.0	221.5
Guimaras	79.5	77.5	70.3	71.5	72.7	73.4	76.7	78.1	70.8	95.5
Iloilo	504.3	555.0	566.1	579.0	565.0	559.0	588.0	655.1	725.1	707.0
Negros Occidental	456.0	478.0	491.0	501.2	520.9	513.0	521.1	528.1	532.6	535.0
Central Visayas	1,516.0	1,528.3	1,507.1	1,198.8	1,356.5	1,223.6	1,463.4	1,266.6	1,171.3	1,345.5
Bohol	547.9	564.6	624.3	425.0	497.5	538.3	706.7	588.9	464.4	570.2
Cebu	52.3	64.3	65.4	86.8	112.6	121.3	138.2	132.8	127.8	127.4
Negros Oriental	902.2	882.7	803.4	672.4	732.1	549.7	604.6	531.4	569.2	637.6
Siquijor	13.5	16.7	13.9	14.6	14.4	14.3	13.9	13.5	9.9	10.4
Eastern Visayas	961.4	947.8	940.2	920.6	931.7	838.3	744.5	787.6	775.1	756.1
Biliran	110.7	117.6	117.1	113.4	112.8	111.4	98.4	99.0	98.4	98.3
Eastern Samar	54.2	54.7	55.4	54.7	58.0	47.5	42.4	44.5	45.6	42.5
Leyte	587.8	561.4	560.9	553.9	559.6	490.5	422.9	462.1	445.3	439.0
Northern Samar	15.7	16.2	16.8	17.3	17.8	18.8	19.5	18.9	19.8	20.0
Southern Leyte	55.0	56.2	56.7	58.2	58.8	58.7	56.7	60.3	61.7	63.5
Samar (Western Sama	138.1	141.6	133.4	123.1	124.8	111.5	104.5	102.8	104.3	92.8
Zamboanga Peninsula	1,343.7	1,374.5	1,348.5	1,396.0	1,367.7	1,619.1	1,808.4	1,847.6	1,778.1	1,721.5
Zamboanga del Norte	295.8	312.5	300.6	318.4	312.8	316.0	315.4	311.1	216.0	191.0
Zamboanga del Sur	109.7	102.4	103.0	105.6	110.5	166.0	255.7	267.3	292.8	280.5
Zamboanga Sibugay	28.5	30.4	31.3	36.2	46.8	70.8	81.2	89.9	91.8	94.4
Zamboanga City	909.7	929.3	913.7	935.8	897.5	1,066.3	1,156.2	1,179.3	1,177.6	1,155.7
Northern Mindanao	1,116.5	1,167.3	1,225.4	1,264.8	1,265.0	1,366.0	1,348.9	1,343.5	1,329.7	1,319.5
Bukidnon	196.0	204.0	203.0	214.0	219.0	228.0	205.0	210.0	216.0	228.0
Camiguin	34.4	34.7	35.8	38.9	38.5	36.2	40.6	43.7	39.1	40.9
Lanao del Norte	651.5	663.5	699.0	687.0	614.0	622.0	623.0	616.6	626.2	617.0
Misamis Occidental	75.8	93.5	105.8	126.5	143.5	152.8	160.3	172.3	179.4	184.1
Misamis Oriental	158.8	171.7	181.8	198.4	250.0	327.0	320.0	301.0	269.0	249.5
Davao Region	1,211.1	1,218.0	1,275.1	1,274.2	1,255.5	1,301.6	1,420.5	1,422.2	1,378.9	1,414.6
Davao del Norte	415.4	407.1	411.1	401.6	394.5	396.1	403.3	402.7	396.5	395.4
Davao del Sur	187.1	201.7	210.5	214.1	219.2	221.6	246.5	257.3	259.5	263.9
Davao Oriental	250.9	244.6	232.7	218.8	218.9	210.5	216.0	205.5	194.6	190.4
Compostela Valley	295.0	302.6	357.4	358.6	338.3	378.5	452.9	455.5	428.4	417.8
Davao City	62.8	62.1	63.5	81.2	84.8	94.8	101.8	101.2	99.9	147.2
SOCCSKSARGEN	555.1	571.5	559.2	545.1	556.5	576.4	621.1	578.4	533.2	558.5
North Cotabato	407.5	422.8	426.3	422.3	445.4	453.0	495.4	459.2	419.7	433.4
Sarangani	39.9	39.0	33.8	21.0	19.0	14.7	14.0	11.5	6.5	7.3
South Cotabato	62.1	62.2	50.1	51.8	42.4	55.2	58.4	56.1	58.4	62.6
Sultan Kudarat	45.7	47.6	49.0	50.0	49.8	53.5	53.3	51.6	48.6	55.2
Caraga	830.6	720.2	666.2	614.3	645.4	705.5	763.5	767.7	839.0	997.1
Agusan del Norte	201.0	139.3	105.5	102.7	126.5	139.8	151.5	105.6	112.4	110.4
Agusan del Sur	392.5	376.1	341.3	315.5	343.1	370.0	417.7	451.8	541.7	692.9
Dinagat Islands	..	..	..	..	..	3.0	2.2	1.9	1.1	1.7
Surigao del Norte	75.6	73.5	75.7	50.5	38.8	51.4	52.6	57.0	47.8	52.8
Surigao del Sur	161.5	131.3	143.7	145.6	137.0	141.4	139.6	151.3	136.1	139.4
ARMM	388.7	387.9	384.2	393.2	381.6	393.1	392.2	395.2	393.0	398.3
Basilan	11.8	13.0	12.7	12.8	13.0	13.4	13.7	13.9	13.5	13.8
Lanao del Sur	154.7	156.4	157.5	155.0	148.8	155.5	152.6	154.3	154.4	155.5
Maguindanao	117.5	113.5	108.8	108.0	97.5	101.1	102.6	105.3	107.1	106.1
Sulu	98.8	97.6	96.3	107.5	110.9	110.6	109.2	106.5	99.2	103.1
Tawi-tawi	5.9	7.4	8.9	9.9	11.5	12.7	14.2	15.2	18.9	19.8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Radish										
Philippines	**9,977.7**	**9,696.3**	**9,875.8**	**9,660.6**	**9,635.6**	**9,827.5**	**9,879.9**	**9,959.4**	**9,515.5**	**9,301.0**
CAR	1,593.2	1,586.3	1,606.9	1,520.9	1,501.6	1,462.5	1,509.9	1,441.4	1,365.4	1,411.2
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	1,411.4	1,420.4	1,440.9	1,362.4	1,343.6	1,303.7	1,361.0	1,311.8	1,258.9	1,285.8
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	181.8	165.9	166.0	158.5	158.1	158.9	149.0	129.6	106.5	125.4
Ilocos Region	117.5	109.6	100.2	85.1	79.0	69.5	65.1	61.6	57.4	55.3
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	12.9	11.9	11.2	10.8	11.0	11.6	11.0	10.8	10.3	10.0
La Union	1.1	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.1	0.8
Pangasinan	103.6	96.5	87.9	73.2	67.0	56.8	53.0	49.8	46.0	44.5
Cagayan Valley	195.0	165.6	200.5	157.2	134.8	136.5	118.5	117.3	112.6	118.2
Batanes	..	..	..	..	1.4	0.5	0.6	0.4	0.2	0.2
Cagayan	19.4	16.5	12.2	17.9	18.9	19.2	18.2	19.8	20.9	24.8
Isabela	80.7	70.0	58.3	33.4	26.2	23.1	17.4	18.3	15.6	14.2
Nueva Vizcaya	94.9	79.1	130.0	106.0	88.4	93.7	82.2	78.8	75.9	76.1
Quirino	..	..	..	..	..	..	..	..	..	3.0
Central Luzon	463.9	465.8	476.5	483.6	493.9	500.8	534.7	613.4	579.8	573.3
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	4.0	3.7	3.3	2.7	2.5	2.2	3.3	3.3	3.1	3.2
Bulacan	74.0	75.3	97.9	97.9	92.3	94.4	95.6	170.3	147.8	151.5
Nueva Ecija	196.1	194.4	192.7	191.6	190.5	189.7	206.1	204.1	198.8	192.8
Pampanga	107.0	101.0	93.0	98.0	114.0	117.0	120.0	113.0	115.8	115.9
Tarlac	54.5	53.4	51.5	49.6	48.9	47.4	48.0	47.5	47.0	48.4
Zambales	28.3	38.2	38.2	43.8	45.9	50.1	61.7	75.3	67.4	61.5
CALABARZON	3,295.9	3,033.6	3,315.6	3,219.2	3,092.4	2,997.9	2,481.9	2,371.5	2,257.5	1,948.6
Batangas	151.0	145.2	146.8	139.0	116.5	60.5	30.3	28.7	32.7	35.3
Cavite	199.2	195.7	311.3	301.0	248.4	247.2	239.8	223.2	228.7	227.8
Laguna	2,237.4	1,977.4	2,162.4	2,085.2	2,054.3	2,021.4	1,545.1	1,546.7	1,501.6	1,233.3
Quezon	328.4	334.1	333.8	333.0	323.3	325.0	306.8	308.5	290.2	280.0
Rizal	379.9	381.2	361.3	361.0	349.9	343.8	360.0	264.3	204.3	172.1
MIMAROPA	99.8	108.0	114.2	128.7	139.7	158.6	179.2	190.3	193.9	225.6
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	37.5	39.9	43.3	49.8	53.6	57.9	64.1	70.2	72.9	73.0
Oriental Mindoro	3.3	3.3	3.5	3.5	3.6	3.1	4.1	7.0	7.2	28.8
Palawan	11.8	16.2	18.8	24.3	29.5	43.4	55.6	56.8	57.7	66.4
Romblon	47.2	48.7	48.7	51.2	53.1	54.3	55.4	56.3	56.1	57.5
Bicol Region	205.2	202.0	195.8	193.1	195.1	198.0	193.1	194.5	186.4	177.6
Albay	69.4	69.5	68.5	65.4	63.2	67.9	67.4	68.1	73.5	72.5
Camarines Norte	17.2	12.6	10.1	10.9	12.0	12.2	12.4	12.7	12.1	10.7
Camarines Sur	69.0	69.8	65.9	65.3	66.4	65.5	62.9	63.3	54.0	47.4
Catanduanes	3.6	3.4	3.5	3.7	3.7	3.8	3.8	3.8	3.7	3.3
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	46.1	46.8	47.8	47.8	50.0	48.5	46.6	46.7	43.2	43.7
Western Visayas	934.6	956.7	859.2	882.5	870.7	831.6	883.2	890.1	880.6	915.3
Aklan	81.9	78.6	78.2	70.6	74.3	64.1	74.0	71.7	70.3	62.4
Antique	43.0	47.9	51.2	58.9	65.9	65.6	74.3	76.1	78.0	92.5
Capiz	40.6	41.0	44.4	53.5	54.3	64.1	82.5	92.0	90.8	87.5
Guimaras	20.3	21.0	18.0	17.9	17.2	16.8	18.1	15.0	12.8	14.3
Iloilo	301.4	338.4	336.5	348.0	325.8	290.0	298.0	302.8	292.2	319.3
Negros Occidental	447.5	429.9	330.9	333.6	333.3	330.9	336.3	332.6	336.5	339.3
Central Visayas	520.4	605.9	572.8	618.5	760.2	993.7	1,141.7	1,290.1	1,153.8	1,087.4
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	254.2	256.5	252.2	263.4	304.2	289.7	307.7	301.1	274.1	265.0
Negros Oriental	266.2	349.4	320.6	355.1	456.0	704.0	834.1	989.0	879.7	822.3
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	9.0	8.6	8.3	8.3	8.3	7.8	6.6	8.4	8.2	6.1
Biliran	0.9	1.0	0.9	0.8	0.8	0.8	0.8	2.2	2.2	0.2
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	8.0	7.6	7.5	7.5	7.5	7.0	5.8	6.2	6.0	5.9
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	267.0	269.6	268.6	273.2	280.6	357.4	599.8	620.8	637.3	635.6
Zamboanga del Norte	13.2	14.1	15.1	16.8	17.7	31.2	33.5	33.4	31.0	24.9
Zamboanga del Sur	80.6	74.4	75.8	78.0	81.2	109.4	173.2	184.3	200.0	192.0
Zamboanga Sibugay	30.4	31.2	29.6	27.5	28.0	25.7	45.5	45.3	44.8	42.8
Zamboanga City	142.8	149.8	148.0	150.9	153.6	191.1	347.6	357.8	361.6	375.9
Northern Mindanao	217.1	171.3	128.7	140.0	127.1	156.5	177.2	160.7	153.9	147.4
Bukidnon	118.0	86.0	67.0	70.0	57.5	51.0	53.0	54.0	58.0	62.5
Camiguin	..	..	..	..	..	..	0.0	..	0.2	0.2
Lanao del Norte	68.0	52.3	53.0	47.1	54.6	60.7	62.5	54.2	43.9	33.3
Misamis Occidental	2.4	2.6	2.7	2.9	4.0	21.8	22.7	23.1	22.4	20.0
Misamis Oriental	28.7	30.5	6.0	20.0	11.0	23.0	39.0	29.4	29.5	31.4
Davao Region	1,485.3	1,455.7	1,492.2	1,424.5	1,422.7	1,430.1	1,458.1	1,472.1	1,433.3	1,449.8
Davao del Norte	120.0	112.3	118.4	111.5	102.8	101.2	106.8	100.8	97.2	100.9
Davao del Sur	172.3	176.3	173.1	172.8	180.1	176.4	184.1	195.4	196.0	198.4
Davao Oriental	58.6	57.8	57.6	58.0	59.6	60.6	68.8	64.3	62.2	63.2
Compostela Valley	1,069.5	1,044.5	1,077.5	998.9	989.7	987.0	985.8	995.5	964.7	943.7
Davao City	65.0	64.8	65.5	83.2	90.5	104.9	112.7	116.1	113.3	143.7
SOCCSKSARGEN	397.5	413.3	414.8	424.2	428.9	432.8	439.4	425.5	401.7	454.8
North Cotabato	168.2	173.8	173.0	179.2	184.7	188.2	193.2	185.6	170.2	171.8
Sarangani	41.5	41.4	36.8	34.7	35.4	35.2	34.0	31.5	28.0	30.2
South Cotabato	60.7	55.9	49.7	53.1	47.2	47.9	47.5	44.6	44.2	45.9
Sultan Kudarat	127.2	142.2	155.3	157.3	161.6	161.6	164.7	163.9	159.4	206.9
Caraga	64.5	41.2	26.0	11.7	9.7	3.0	5.1	1.6	0.7	2.0
Agusan del Norte	29.4	18.7	6.5	6.0	5.3	0.2	0.6	0.9	0.4	1.3
Agusan del Sur	9.3	2.7	3.6	3.0	2.5	2.1	1.5	0.7	0.1	0.1
Dinagat Islands	..	..	..	..	..	..	..	..	..	0.6
Surigao del Norte	16.6	11.0	8.3	0.8	..	..	..	..	..	..
Surigao del Sur	9.3	8.8	7.7	2.0	1.9	0.8	3.0	..	0.3	0.1
ARMM	111.8	103.3	95.6	90.0	90.9	90.7	86.5	100.1	93.1	93.0
Basilan	10.4	12.7	12.5	12.8	13.1	12.9	12.9	12.5	11.5	11.7
Lanao del Sur	26.3	25.8	25.2	24.9	24.4	24.4	19.6	25.2	20.0	20.0
Maguindanao	64.0	54.0	47.4	41.8	42.4	42.6	43.2	51.8	51.8	51.6
Sulu	11.1	10.9	10.6	10.5	11.0	10.9	10.8	10.7	9.8	9.7
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Squash Fruit										
Philippines	**252,842.8**	**247,758.8**	**244,712.9**	**223,790.8**	**222,634.2**	**223,522.5**	**222,206.9**	**217,908.1**	**214,146.7**	**206,023.5**
CAR	6,351.3	6,377.4	6,438.8	6,250.4	6,308.5	6,286.1	5,891.2	5,830.6	4,759.4	4,842.1
Abra	3,701.1	3,764.4	3,783.2	3,762.0	3,770.0	3,726.0	3,264.8	3,348.1	2,377.4	2,458.1
Apayao	122.2	107.2	258.7	157.6	217.8	530.3	664.3	684.7	742.4	740.4
Benguet	1,324.6	1,325.8	1,278.4	1,205.0	1,203.4	1,212.0	1,221.7	1,078.6	1,009.3	987.1
Ifugao	202.1	191.9	165.3	167.1	170.7	173.4	178.0	178.1	175.4	164.7
Kalinga	660.8	646.7	636.7	647.8	631.0	327.5	240.0	232.7	149.7	149.7
Mountain Province	340.6	341.4	316.6	311.0	315.7	316.9	322.4	308.4	305.2	342.2
Ilocos Region	19,037.4	17,908.1	17,161.3	16,695.5	17,231.2	17,352.2	17,408.2	16,886.3	16,863.7	17,701.8
Ilocos Norte	5,509.0	5,787.4	6,053.9	6,166.2	6,470.9	6,508.9	6,520.8	6,497.4	6,391.2	6,448.6
Ilocos Sur	2,168.4	2,003.4	2,043.9	2,137.7	2,235.0	2,295.5	2,244.1	2,297.5	2,339.1	2,428.5
La Union	2,044.3	1,990.7	1,967.1	1,952.4	2,005.5	2,069.5	2,198.9	2,247.5	1,923.9	2,052.4
Pangasinan	9,315.7	8,126.5	7,096.5	6,439.3	6,519.8	6,478.3	6,444.4	5,843.9	6,209.4	6,772.3
Cagayan Valley	48,924.7	49,155.6	45,635.8	38,837.4	37,312.7	34,790.2	34,095.6	32,959.8	33,474.2	31,019.2
Batanes	..	..	..	..	50.1	43.3	36.6	33.8	22.9	23.3
Cagayan	11,323.8	9,353.8	8,283.8	8,277.3	8,537.7	9,004.0	8,441.6	6,615.0	4,683.2	3,416.5
Isabela	17,053.8	16,436.8	14,790.0	9,862.2	9,259.1	9,237.6	8,443.7	7,904.6	7,118.1	6,552.1
Nueva Vizcaya	18,868.3	21,767.0	21,201.9	19,550.0	18,365.8	15,400.9	16,077.7	16,768.5	19,959.8	19,379.6
Quirino	1,678.8	1,598.0	1,360.3	1,147.9	1,100.0	1,104.5	1,096.0	1,637.9	1,690.4	1,647.7
Central Luzon	26,306.6	25,676.6	25,819.3	25,082.2	25,157.7	25,730.1	23,805.4	23,546.5	22,908.2	18,028.4
Aurora	637.0	643.0	649.0	649.8	646.3	617.3	662.4	658.5	465.6	449.9
Bataan	193.0	189.8	189.8	183.8	178.3	169.0	171.5	172.0	167.5	172.4
Bulacan	1,445.0	1,281.0	1,276.0	1,264.0	1,265.0	1,301.0	1,357.0	1,378.0	1,975.0	2,075.0
Nueva Ecija	20,663.3	20,294.8	20,641.9	20,277.9	20,292.9	20,800.4	18,762.7	18,895.9	17,812.8	13,206.8
Pampanga	650.0	619.0	608.0	577.0	598.0	609.4	610.0	620.0	621.8	634.7
Tarlac	2,131.0	2,026.6	1,836.6	1,494.7	1,471.5	1,507.7	1,459.4	990.3	1,007.9	566.4
Zambales	587.4	622.4	618.0	635.0	705.7	725.3	782.5	831.8	857.6	923.2
CALABARZON	46,252.9	44,241.1	43,365.2	40,605.2	38,597.8	38,844.5	40,281.5	41,902.0	39,408.9	35,348.4
Batangas	4,325.0	4,114.6	4,299.0	4,215.0	3,505.9	3,385.0	3,125.0	3,573.0	4,152.7	4,700.4
Cavite	5,646.4	5,417.8	4,486.9	4,447.0	4,542.4	4,411.0	4,091.3	4,231.7	4,174.6	2,512.2
Laguna	8,033.8	7,793.9	8,061.9	8,505.4	8,368.7	8,436.9	8,017.9	8,184.9	7,560.3	6,018.4
Quezon	28,112.2	26,781.7	26,385.8	23,282.8	22,025.0	22,453.2	24,882.0	25,739.2	23,378.4	21,961.9
Rizal	135.5	133.2	131.6	155.1	155.9	158.5	165.2	173.4	142.9	155.6
MIMAROPA	1,442.0	1,470.0	1,495.1	1,541.6	1,587.4	1,737.4	1,880.5	2,004.2	2,254.6	3,032.1
Marinduque	510.6	515.3	510.7	515.2	524.2	531.5	517.3	565.6	604.5	630.1
Occidental Mindoro	126.7	134.9	126.4	125.4	128.0	183.0	213.3	236.5	252.3	305.0
Oriental Mindoro	125.9	120.5	133.0	139.6	141.2	160.2	211.5	201.6	372.0	1,034.7
Palawan	38.2	48.4	63.2	75.7	98.4	161.1	223.8	274.3	289.1	310.1
Romblon	640.7	650.9	661.7	685.7	695.5	701.6	714.6	726.3	736.8	752.2
Bicol Region	33,568.9	32,957.6	33,162.2	31,339.6	32,747.1	34,300.3	33,948.7	33,001.8	33,179.3	31,660.8
Albay	26,902.6	26,540.0	26,449.0	24,720.2	25,953.6	27,393.2	27,198.0	26,174.2	26,431.0	25,356.1
Camarines Norte	2,804.0	2,579.0	2,776.0	2,725.0	2,839.0	2,904.5	2,838.8	2,930.1	2,840.9	2,396.4
Camarines Sur	1,769.1	1,776.1	1,774.6	1,765.9	1,782.7	1,784.9	1,763.2	1,793.3	1,811.9	1,824.8
Catanduanes	1,067.3	1,004.1	1,050.1	1,031.0	1,015.2	1,035.6	1,014.0	976.0	963.6	913.5
Masbate	630.7	658.6	677.9	655.0	684.8	713.0	682.7	680.7	678.9	705.2
Sorsogon	395.2	399.8	434.7	442.6	471.8	469.2	452.0	447.5	453.1	464.8
Western Visayas	15,544.2	15,321.0	15,831.8	14,981.4	14,480.3	14,396.2	14,176.4	13,944.4	14,049.6	14,444.4
Aklan	1,132.4	1,132.5	1,129.4	1,112.3	1,106.5	1,042.7	992.7	963.4	872.9	840.1
Antique	914.4	806.6	827.8	715.5	731.0	737.9	759.0	728.0	755.8	875.2
Capiz	1,382.5	1,399.1	1,468.9	1,348.4	1,339.8	1,281.6	1,199.9	1,190.2	1,108.6	1,102.5
Guimaras	203.0	210.8	209.3	228.8	238.8	245.9	266.1	259.0	225.9	267.9
Iloilo	6,735.2	6,632.0	6,667.0	6,149.0	5,947.0	5,870.0	5,650.8	5,555.2	5,850.5	6,110.5
Negros Occidental	5,176.7	5,140.0	5,529.5	5,427.5	5,117.3	5,218.1	5,307.9	5,248.6	5,236.0	5,248.2
Central Visayas	16,767.3	16,561.8	18,292.5	12,750.3	12,586.2	12,287.1	11,518.3	9,020.7	7,654.4	7,597.5
Bohol	1,189.8	1,290.0	1,437.1	1,163.1	1,158.0	1,236.4	1,007.0	984.0	952.6	1,030.1
Cebu	9,811.2	9,960.7	9,939.1	7,224.0	6,918.4	6,456.3	5,929.7	5,209.0	4,934.2	4,778.4
Negros Oriental	5,471.9	4,993.8	6,616.7	4,055.7	4,231.4	4,310.1	4,303.3	2,556.5	1,512.7	1,536.0
Siquijor	294.4	317.3	299.7	307.6	278.4	284.3	278.4	271.3	255.0	252.9
Eastern Visayas	2,182.8	2,187.4	2,187.5	2,200.4	2,210.2	2,107.2	2,019.2	2,052.9	2,035.4	1,992.1
Biliran	370.6	361.6	356.3	345.0	344.8	343.4	339.4	340.3	341.7	329.6
Eastern Samar	182.1	183.6	186.5	186.7	187.5	171.3	164.6	148.9	144.4	137.3
Leyte	749.8	759.8	764.9	775.6	805.2	723.0	641.5	683.8	683.4	648.8
Northern Samar	196.5	202.7	210.0	215.8	222.2	231.5	237.7	239.3	229.0	233.5
Southern Leyte	382.3	382.7	386.8	390.6	392.6	393.1	390.0	401.8	401.0	411.8
Samar (Western Sama	301.7	297.0	283.1	286.9	257.9	244.9	246.1	238.8	236.0	231.1
Zamboanga Peninsula	5,888.4	5,833.4	5,618.7	5,463.8	5,409.6	6,065.7	6,676.7	6,500.3	6,337.3	6,078.9
Zamboanga del Norte	1,073.3	1,066.5	972.4	1,004.7	999.8	1,224.2	1,236.3	1,174.2	1,162.7	1,122.8
Zamboanga del Sur	1,448.0	1,368.2	1,251.3	1,091.4	1,067.6	1,012.3	1,180.8	1,185.7	1,085.7	1,110.3
Zamboanga Sibugay	1,759.0	1,780.1	1,752.5	1,712.1	1,647.9	1,575.4	1,888.8	1,731.8	1,614.4	1,394.8
Zamboanga City	1,608.0	1,618.7	1,642.6	1,655.6	1,694.4	2,253.9	2,370.8	2,408.5	2,474.6	2,451.0
Northern Mindanao	13,017.1	14,636.2	14,864.7	15,825.2	15,983.7	16,106.4	16,414.8	16,219.4	16,120.1	16,498.9
Bukidnon	8,550.0	10,150.0	9,950.0	10,758.0	10,750.0	10,773.0	11,055.0	10,910.0	11,094.0	11,405.0
Camiguin	48.5	44.3	45.0	46.7	43.7	44.4	49.3	47.3	50.8	50.0
Lanao del Norte	1,161.5	1,175.0	1,254.0	1,243.9	1,390.0	1,412.0	1,433.0	1,431.0	1,489.1	1,418.8
Misamis Occidental	1,313.0	1,491.1	1,825.0	2,038.6	2,050.0	2,137.0	2,234.5	2,256.4	1,926.3	1,938.2
Misamis Oriental	1,944.0	1,775.8	1,790.8	1,738.0	1,750.0	1,740.0	1,643.0	1,574.7	1,560.0	1,687.0
Davao Region	6,490.6	6,435.4	6,487.5	6,154.6	6,273.7	6,422.1	6,464.9	6,508.3	6,490.6	6,517.9
Davao del Norte	1,257.8	1,265.7	1,312.4	1,266.3	1,297.8	1,300.3	1,316.5	1,351.5	1,328.2	1,320.0
Davao del Sur	1,713.8	1,614.5	1,631.6	1,538.1	1,514.4	1,534.4	1,560.6	1,555.7	1,578.7	1,587.7
Davao Oriental	1,616.1	1,607.0	1,493.5	1,496.9	1,502.7	1,450.4	1,536.7	1,501.9	1,510.9	1,485.4
Compostela Valley	1,182.8	1,222.8	1,312.4	1,170.5	1,225.7	1,411.2	1,296.0	1,335.4	1,327.2	1,221.9
Davao City	720.1	725.4	737.5	682.9	733.1	725.9	755.1	763.8	745.6	902.8
SOCCSKSARGEN	2,135.2	2,297.0	2,423.9	2,306.7	2,512.5	2,652.4	2,846.6	2,793.3	2,743.8	2,987.5
North Cotabato	1,030.1	1,060.9	1,124.6	1,150.0	1,169.2	1,207.0	1,323.8	1,303.4	1,413.8	1,343.8
Sarangani	338.0	344.5	317.6	323.1	326.8	328.1	328.8	317.0	257.0	272.5
South Cotabato	245.6	253.0	279.1	290.6	289.1	312.8	351.8	348.0	358.9	343.4
Sultan Kudarat	521.5	638.7	702.5	543.0	727.5	804.6	842.2	824.9	714.1	1,027.8
Caraga	7,366.1	5,127.8	4,398.3	2,271.8	2,719.1	2,910.1	3,233.2	3,202.4	4,346.6	6,721.6
Agusan del Norte	3,970.0	2,694.5	2,534.1	1,088.7	1,485.7	1,634.4	1,870.7	1,784.9	1,770.7	1,858.7
Agusan del Sur	2,367.0	1,461.8	951.3	744.2	830.6	853.2	976.2	1,032.3	2,139.5	4,418.4
Dinagat Islands	..	..	..	..	..	30.2	24.6	23.3	16.3	18.9
Surigao del Norte	545.8	530.7	480.0	207.2	179.3	157.3	127.7	120.9	111.9	132.6
Surigao del Sur	483.4	440.8	432.9	231.7	223.5	235.0	234.0	241.0	308.3	293.1
ARMM	1,567.3	1,572.4	1,530.3	1,484.5	1,516.6	1,534.5	1,545.6	1,535.2	1,520.5	1,552.2
Basilan	137.8	141.3	142.0	145.1	150.0	154.8	155.0	156.0	154.0	161.3
Lanao del Sur	455.2	459.6	467.2	456.7	466.5	484.8	487.9	482.7	484.0	485.4
Maguindanao	667.2	669.0	625.5	578.0	586.2	586.3	592.1	595.6	596.9	618.7
Sulu	234.2	233.8	235.7	252.0	264.0	265.5	267.7	261.9	248.0	247.4
Tawi-tawi	73.0	68.7	59.9	52.7	50.0	43.2	42.9	39.0	37.5	39.5

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Stringbeans										
Philippines	**119,933.8**	**119,511.4**	**118,453.0**	**116,302.5**	**117,276.6**	**119,535.7**	**117,544.5**	**118,659.9**	**117,200.8**	**116,804.1**
CAR	493.5	494.2	470.2	463.6	483.0	509.9	535.9	541.7	531.6	546.2
Abra	53.5	55.1	55.6	54.6	55.3	56.2	67.0	72.4	71.6	73.0
Apayao	21.5	21.8	20.8	20.1	28.0	43.4	61.5	69.3	72.7	75.7
Benguet	..	..	..	..	..	..	..	..	..	..
Ifugao	270.5	264.0	247.9	242.4	244.2	243.8	241.3	226.5	216.9	221.4
Kalinga	124.0	131.5	128.7	133.2	141.0	151.1	150.5	158.4	156.2	162.3
Mountain Province	24.1	21.8	17.2	13.3	14.5	15.4	15.6	15.3	14.3	13.8
Ilocos Region	10,584.6	10,513.1	11,203.3	11,421.0	11,737.2	12,003.9	12,199.5	12,092.8	12,260.0	12,469.2
Ilocos Norte	2,308.5	2,366.6	2,457.5	2,513.1	2,609.1	2,662.6	2,728.2	2,786.1	2,851.6	2,941.7
Ilocos Sur	2,021.6	1,984.0	2,174.0	2,187.4	2,227.8	2,281.5	2,238.2	2,285.4	2,362.8	2,488.5
La Union	2,200.3	2,135.3	2,045.2	2,014.6	2,120.5	2,209.8	2,315.1	2,365.4	2,293.8	2,309.3
Pangasinan	4,054.2	4,027.2	4,526.7	4,706.0	4,780.0	4,850.1	4,918.0	4,656.0	4,751.8	4,729.7
Cagayan Valley	21,077.7	20,348.7	18,409.7	17,502.1	17,024.0	17,375.9	15,849.3	15,915.5	14,791.8	14,726.0
Batanes	..	..	..	..	33.5	32.7	33.6	23.8	19.4	13.0
Cagayan	7,642.5	7,344.9	6,451.6	6,266.7	6,369.9	6,619.4	6,467.8	6,436.7	5,811.0	5,426.9
Isabela	7,107.5	6,771.3	6,266.3	6,061.8	6,006.2	6,025.6	4,890.1	4,909.9	4,407.8	4,345.1
Nueva Vizcaya	5,472.7	5,395.5	5,049.3	4,633.1	4,092.4	4,152.8	3,921.1	4,047.8	4,023.0	4,426.8
Quirino	855.0	837.0	642.5	540.5	522.0	545.5	536.8	497.3	530.6	514.3
Central Luzon	37,527.2	37,456.6	37,507.2	37,435.3	37,220.0	36,668.5	37,094.2	37,435.6	37,030.0	35,505.0
Aurora	1,256.0	1,227.2	1,228.0	1,216.0	1,217.8	1,163.7	1,214.9	1,115.1	1,182.2	996.2
Bataan	302.6	302.9	304.8	289.0	283.0	275.0	280.5	277.0	265.0	280.5
Bulacan	17,820.0	17,728.0	17,911.0	18,035.0	17,822.0	17,283.0	17,983.0	18,390.0	18,157.0	18,500.0
Nueva Ecija	15,933.9	15,974.8	15,889.7	15,788.8	15,730.9	15,714.2	15,264.7	15,148.4	15,023.4	13,098.6
Pampanga	1,260.0	1,210.0	1,188.0	1,135.0	1,152.0	1,213.0	1,242.0	1,247.0	1,235.2	1,290.6
Tarlac	293.8	296.9	293.9	283.5	279.9	278.1	281.2	281.4	274.0	351.3
Zambales	661.0	716.8	691.9	688.0	734.4	741.5	828.0	976.8	893.2	987.8
CALABARZON	5,114.9	5,238.1	4,833.2	4,803.3	5,196.5	5,511.4	5,165.5	5,455.2	5,543.9	5,597.2
Batangas	857.5	927.5	1,218.5	1,355.8	1,316.0	1,296.0	1,324.0	1,500.0	1,678.7	1,858.9
Cavite	1,877.9	1,837.3	951.7	948.6	1,105.0	1,137.2	841.1	776.5	680.3	586.5
Laguna	1,258.3	1,307.8	1,345.0	1,368.9	1,357.5	1,347.5	1,233.4	1,165.9	1,109.2	1,046.3
Quezon	420.5	481.1	658.4	633.1	914.5	1,211.7	1,202.2	1,479.9	1,595.2	1,579.7
Rizal	700.7	684.4	659.6	497.0	503.5	519.0	564.8	533.0	480.5	525.8
MIMAROPA	1,262.3	1,280.2	1,315.0	1,345.9	1,391.1	1,555.3	1,695.3	1,843.4	1,965.3	2,494.5
Marinduque	432.2	443.8	439.1	446.9	463.6	468.6	459.6	504.0	521.7	525.0
Occidental Mindoro	388.4	388.9	401.4	392.5	402.2	457.5	478.0	538.0	571.0	627.0
Oriental Mindoro	134.6	121.5	125.9	136.1	137.3	147.7	200.9	191.0	235.5	660.0
Palawan	100.2	117.3	138.1	156.0	172.9	263.6	327.4	377.9	401.8	437.2
Romblon	206.9	208.7	210.6	214.4	215.1	217.9	229.4	232.6	235.3	245.4
Bicol Region	11,232.2	11,034.8	11,386.3	11,351.3	11,817.5	12,342.6	11,188.3	11,321.8	11,526.6	11,615.8
Albay	4,441.9	4,390.0	4,599.6	4,549.1	4,800.6	5,158.2	4,202.5	4,227.6	4,301.3	4,480.8
Camarines Norte	800.0	769.0	773.0	758.0	795.5	821.7	809.7	834.7	912.9	960.3
Camarines Sur	4,169.8	4,028.2	4,068.2	4,045.2	4,120.4	4,218.9	4,105.5	4,251.4	4,355.9	4,176.0
Catanduanes	87.7	83.4	87.1	84.0	83.1	85.8	82.1	81.9	84.1	82.6
Masbate	584.7	590.3	605.9	635.9	674.0	732.5	763.5	720.4	723.5	752.7
Sorsogon	1,148.1	1,173.9	1,252.5	1,279.1	1,344.0	1,325.4	1,225.1	1,205.9	1,149.0	1,163.4
Western Visayas	9,231.4	9,774.0	9,894.0	9,716.2	9,776.0	9,527.8	9,415.3	9,274.0	9,054.6	9,055.5
Aklan	607.3	619.4	610.2	612.4	614.5	505.5	513.2	502.5	501.7	484.3
Antique	670.2	611.7	632.4	621.0	642.3	627.3	644.7	665.6	842.5	968.4
Capiz	975.0	913.7	970.2	846.8	730.5	676.0	647.5	663.2	612.8	629.5
Guimaras	727.0	710.0	689.0	718.0	737.4	728.5	673.7	628.0	505.6	475.6
Iloilo	3,196.1	3,238.6	3,215.0	3,104.0	3,205.0	3,201.0	3,127.0	2,980.5	2,705.7	2,661.0
Negros Occidental	3,055.8	3,680.7	3,777.1	3,814.0	3,846.3	3,789.4	3,809.1	3,834.1	3,886.3	3,836.8
Central Visayas	2,510.3	2,711.4	2,754.2	2,468.0	2,711.1	2,912.1	2,804.8	2,787.9	2,748.1	2,898.0
Bohol	966.3	1,000.1	1,021.9	651.3	677.3	704.3	578.6	594.1	514.1	664.0
Cebu	976.4	1,053.5	1,102.5	1,185.2	1,255.6	1,262.1	1,236.7	1,233.0	1,338.5	1,331.1
Negros Oriental	515.1	600.0	582.3	579.4	730.1	897.3	941.5	912.0	852.3	858.4
Siquijor	52.5	57.8	47.5	52.1	48.2	48.4	48.1	48.8	43.2	44.6
Eastern Visayas	1,883.3	1,899.7	1,869.1	1,888.5	1,911.4	1,744.2	1,591.5	1,680.1	1,686.7	1,649.3
Biliran	224.1	217.6	207.3	207.6	207.1	202.9	199.2	199.8	203.9	192.0
Eastern Samar	9.1	9.4	9.9	9.9	10.5	8.2	8.0	8.5	8.4	7.3
Leyte	1,380.6	1,401.0	1,379.4	1,388.3	1,408.5	1,246.5	1,091.6	1,177.5	1,172.5	1,147.0
Northern Samar	99.0	102.0	106.0	108.9	112.2	118.4	122.9	121.3	118.9	121.8
Southern Leyte	91.7	92.5	92.7	94.8	94.3	94.3	93.0	99.2	100.7	104.4
Samar (Western Sama	78.7	77.2	73.7	79.0	78.8	73.8	76.9	73.9	82.5	76.8
Zamboanga Peninsula	1,808.8	1,817.0	1,683.9	1,686.9	1,698.5	2,151.2	2,668.3	2,611.7	2,615.1	2,562.5
Zamboanga del Norte	1,078.3	1,094.0	982.1	977.4	988.7	1,015.5	1,024.7	942.1	919.1	877.8
Zamboanga del Sur	172.6	167.2	158.8	145.0	134.6	201.2	247.1	264.8	273.5	261.7
Zamboanga Sibugay	52.2	55.1	55.1	52.9	59.0	68.3	67.2	70.9	77.5	83.7
Zamboanga City	505.7	500.7	488.0	511.7	516.2	866.3	1,329.3	1,333.9	1,345.0	1,339.3
Northern Mindanao	2,118.3	2,160.7	2,337.3	2,463.2	2,558.2	2,870.4	2,941.1	2,950.1	2,992.5	3,088.5
Bukidnon	179.0	192.0	185.0	200.0	207.0	228.0	225.0	227.0	235.0	247.0
Camiguin	38.2	34.9	35.8	38.2	37.4	37.2	35.9	34.7	33.6	32.8
Lanao del Norte	341.4	349.5	359.0	370.0	387.0	396.0	400.5	405.0	419.6	423.2
Misamis Occidental	320.9	367.2	440.7	490.4	523.8	647.2	656.7	673.8	675.3	687.2
Misamis Oriental	1,238.8	1,217.1	1,316.8	1,364.7	1,403.0	1,562.0	1,623.0	1,609.6	1,629.0	1,698.3
Davao Region	12,811.3	12,706.2	12,664.6	11,991.1	11,837.4	12,308.1	12,291.8	12,404.3	12,014.2	12,018.1
Davao del Norte	2,270.1	2,248.3	2,242.9	2,199.7	2,218.8	2,226.9	2,211.8	2,236.8	2,176.0	2,196.4
Davao del Sur	879.2	895.6	884.2	864.8	876.3	886.6	898.3	915.4	918.1	1,004.5
Davao Oriental	1,355.8	1,339.2	1,317.7	1,305.8	1,293.3	1,294.2	1,349.0	1,376.5	1,296.5	1,295.3
Compostela Valley	2,222.7	2,234.8	2,253.4	2,093.9	1,977.6	2,576.0	2,361.8	2,397.0	2,347.7	2,145.5
Davao City	6,083.5	5,988.4	5,966.4	5,527.0	5,471.4	5,324.4	5,470.9	5,478.6	5,275.9	5,376.5
SOCCSKSARGEN	662.8	712.0	709.1	745.3	784.0	803.0	832.9	958.8	933.6	988.0
North Cotabato	432.0	460.1	462.7	489.1	531.5	549.3	576.5	697.7	673.8	711.9
Sarangani	70.3	71.8	62.7	67.5	67.6	71.6	72.2	72.0	66.5	71.3
South Cotabato	39.1	54.4	57.5	64.0	55.8	62.0	65.5	67.8	74.9	76.9
Sultan Kudarat	121.3	125.8	126.3	124.7	129.1	120.1	118.7	121.3	118.4	127.9
Caraga	1,187.7	938.4	992.5	590.6	682.5	806.3	826.2	942.3	1,078.1	1,144.8
Agusan del Norte	351.5	276.5	311.5	173.8	259.6	355.4	343.5	352.6	378.5	385.8
Agusan del Sur	284.5	310.6	300.8	231.9	250.5	266.1	301.9	411.4	519.4	557.6
Dinagat Islands	..	..	..	..	..	16.6	14.6	13.5	11.2	11.8
Surigao del Norte	444.5	246.0	266.7	103.7	86.6	72.3	71.0	55.6	45.4	60.4
Surigao del Sur	107.2	105.3	113.6	81.2	85.8	95.9	95.2	109.1	123.7	129.3
ARMM	427.7	426.3	423.4	430.3	448.3	445.3	444.7	444.9	428.8	445.6
Basilan	57.3	62.0	63.1	64.5	66.5	68.5	70.0	71.3	67.7	69.8
Lanao del Sur	4.1	4.0	3.9	3.7	3.9	4.3	4.4	4.5	4.8	4.9
Maguindanao	92.2	87.2	86.2	83.0	84.4	84.5	85.9	87.6	88.6	91.2
Sulu	243.3	242.3	241.5	249.0	260.0	253.2	249.2	247.0	230.0	239.6
Tawi-tawi	30.9	30.8	28.7	30.1	33.7	34.8	35.2	34.6	37.7	40.2

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Tomato										
Philippines	**195,809.5**	**198,947.6**	**204,271.7**	**203,581.7**	**203,593.5**	**207,668.4**	**214,572.9**	**214,774.0**	**210,719.5**	**218,793.1**
CAR	3,973.9	3,809.9	3,903.8	3,855.8	3,899.4	3,898.0	3,984.0	3,911.5	3,724.5	3,656.8
Abra	378.6	384.5	393.1	388.0	392.5	386.0	430.0	464.0	455.4	468.5
Apayao	7.5	8.1	7.3	7.7	8.0	9.1	9.2	10.0	10.7	9.3
Benguet	2,810.9	2,778.4	2,885.4	2,874.4	2,915.7	2,920.1	2,976.7	2,943.6	2,837.2	2,580.0
Ifugao	16.6	16.6	15.1	15.2	15.6	15.9	16.7	26.8	34.9	56.7
Kalinga	97.9	95.0	90.2	92.3	92.9	91.9	92.5	76.5	60.8	58.8
Mountain Province	662.5	527.4	512.9	478.3	474.8	475.0	458.9	390.7	325.7	483.5
Ilocos Region	61,746.8	65,604.5	69,615.6	68,579.0	70,389.3	72,017.1	72,510.9	72,484.2	68,760.7	72,375.6
Ilocos Norte	21,445.1	26,138.6	27,373.2	28,167.8	29,873.6	30,384.3	30,167.5	29,486.3	28,342.5	27,987.1
Ilocos Sur	18,796.4	20,283.4	21,954.3	21,591.2	21,363.6	22,297.7	23,134.7	23,826.9	22,806.1	25,693.3
La Union	1,538.2	1,579.5	1,594.6	1,596.8	1,667.4	1,710.7	1,822.7	1,885.4	2,045.2	2,223.7
Pangasinan	19,967.1	17,603.1	18,693.4	17,223.2	17,484.7	17,624.5	17,386.0	17,285.6	15,566.9	16,471.6
Cagayan Valley	12,355.9	11,525.2	10,605.5	10,318.1	9,500.9	9,471.5	9,903.3	10,389.2	10,713.1	10,895.1
Batanes	..	..	..	..	15.7	13.3	16.6	14.2	12.4	13.8
Cagayan	584.7	577.7	504.8	580.9	538.7	587.9	612.6	675.8	727.0	873.3
Isabela	2,186.1	2,335.8	1,707.9	1,491.9	1,463.2	1,384.7	1,417.4	1,374.8	1,260.6	1,189.0
Nueva Vizcaya	9,536.9	8,555.7	8,357.5	8,207.4	7,443.5	7,441.4	7,810.2	8,284.1	8,670.0	8,778.4
Quirino	48.3	56.1	35.4	37.9	39.8	44.2	46.5	40.3	43.1	40.6
Central Luzon	20,815.5	21,090.8	21,492.2	21,487.8	21,790.6	22,268.0	23,831.7	24,040.2	25,288.3	27,738.8
Aurora	..	..	8.0	33.1	34.6	33.0	34.6	35.5	47.8	57.6
Bataan	151.5	150.4	153.8	148.5	141.0	143.0	163.0	164.0	157.0	188.0
Bulacan	3,561.0	3,707.0	3,882.0	3,848.0	4,018.0	4,003.0	4,260.0	4,459.0	4,423.5	4,589.9
Nueva Ecija	10,194.1	10,464.3	10,636.1	10,677.5	10,685.1	10,918.6	12,176.4	12,381.5	13,556.2	15,125.8
Pampanga	2,482.0	2,451.0	2,405.0	2,410.0	2,530.0	2,720.0	2,765.0	2,865.0	2,990.2	3,200.3
Tarlac	3,775.7	3,705.7	3,809.3	3,740.2	3,673.9	3,737.4	3,668.3	3,329.2	3,365.3	3,729.7
Zambales	651.2	612.5	598.0	630.5	708.0	713.0	764.5	806.0	748.3	847.6
CALABARZON	16,144.5	14,389.7	17,496.3	18,295.3	17,727.2	18,655.2	19,299.3	19,670.1	17,774.5	16,958.9
Batangas	2,285.0	2,485.0	2,945.0	2,970.0	2,725.0	2,840.0	2,685.3	2,320.2	2,370.6	2,340.9
Cavite	109.2	131.6	157.9	150.9	206.4	216.3	227.7	224.8	215.6	214.5
Laguna	7,360.2	5,557.2	7,175.8	7,230.0	6,348.0	6,624.9	6,573.3	6,162.9	5,253.9	6,084.4
Quezon	6,255.8	6,077.7	7,085.6	7,811.3	8,310.4	8,829.4	9,654.0	10,791.3	9,763.8	8,149.7
Rizal	134.4	138.3	132.0	133.0	137.5	144.5	159.0	171.0	170.6	169.5
MIMAROPA	1,012.9	1,081.1	1,132.0	1,232.0	1,253.6	1,523.6	1,797.9	1,951.3	2,049.8	2,867.4
Marinduque	46.5	47.3	47.5	47.9	48.8	49.5	47.7	51.5	55.3	54.2
Occidental Mindoro	610.7	647.3	661.1	733.0	723.8	800.3	829.4	881.5	905.1	1,079.1
Oriental Mindoro	61.5	58.3	63.9	67.1	69.6	121.2	210.2	197.6	236.7	834.3
Palawan	100.9	130.1	151.6	174.3	202.9	338.1	460.8	567.4	597.3	652.4
Romblon	193.5	198.2	208.0	209.7	208.5	214.6	249.7	253.3	255.5	247.4
Bicol Region	3,506.4	3,542.6	3,561.6	3,432.2	3,427.1	3,482.6	3,372.0	3,665.3	3,890.9	3,718.3
Albay	1,051.2	1,018.0	1,052.1	1,007.0	975.2	1,016.5	923.7	1,027.9	1,095.2	1,101.1
Camarines Norte	20.3	15.1	10.8	11.1	12.3	12.8	12.5	12.8	11.8	12.5
Camarines Sur	2,345.9	2,418.9	2,405.8	2,327.3	2,348.2	2,353.1	2,338.0	2,526.2	2,685.6	2,500.5
Catanduanes	10.8	10.2	10.3	10.0	9.9	10.1	10.0	10.0	9.9	9.0
Masbate	64.6	67.8	68.3	62.9	65.8	73.6	71.4	69.9	71.5	77.1
Sorsogon	13.6	12.7	14.3	13.9	15.7	16.5	16.5	18.5	17.0	18.1
Western Visayas	9,710.3	9,594.8	9,551.2	8,891.9	8,888.2	9,054.3	9,733.9	10,462.4	10,807.4	11,515.9
Aklan	168.5	175.5	184.0	186.8	180.4	180.9	161.6	160.9	146.4	143.2
Antique	398.6	387.5	387.6	343.6	340.5	343.7	350.3	341.9	373.4	409.1
Capiz	150.6	159.6	186.1	216.0	232.2	226.3	224.5	220.8	235.0	243.6
Guimaras	24.0	21.8	19.1	19.7	18.6	18.5	19.8	20.8	13.3	20.7
Iloilo	8,670.8	8,555.0	8,468.2	7,836.0	7,825.0	7,996.0	8,677.0	9,418.6	9,740.3	10,405.0
Negros Occidental	297.8	295.4	306.2	289.8	291.6	288.9	300.7	299.5	298.9	294.4
Central Visayas	3,367.5	3,624.9	3,832.9	3,877.6	3,976.5	5,040.4	6,027.4	5,768.0	4,868.7	5,099.3
Bohol	831.9	1,325.7	1,541.8	1,468.8	1,382.2	1,504.1	1,870.3	1,835.4	1,353.1	1,492.1
Cebu	1,820.2	1,643.1	1,575.0	1,741.2	1,902.6	2,438.6	2,804.2	2,702.2	2,445.7	2,490.4
Negros Oriental	691.7	631.9	693.0	644.6	669.6	1,071.1	1,323.8	1,201.1	1,043.0	1,088.7
Siquijor	23.7	24.3	23.2	23.0	22.1	26.6	29.2	29.3	26.9	28.2
Eastern Visayas	746.7	741.5	721.7	696.1	719.2	679.8	596.2	618.1	617.1	575.5
Biliran	74.2	73.3	71.8	69.9	72.1	70.5	64.5	64.9	65.1	60.8
Eastern Samar	63.0	63.3	63.5	61.5	61.7	61.5	58.0	59.1	56.1	28.7
Leyte	223.3	227.0	222.1	220.8	228.0	223.0	166.3	186.9	180.3	171.8
Northern Samar	17.5	18.1	18.6	19.2	22.5	25.0	25.8	25.7	24.9	25.5
Southern Leyte	84.0	87.0	258.0	88.2	87.7	86.9	85.7	87.5	88.4	91.1
Samar (Western Sama	284.6	272.9	87.7	236.6	247.2	212.9	195.9	194.1	202.4	197.6
Zamboanga Peninsula	1,795.4	1,796.0	1,763.5	1,767.7	1,809.2	3,011.3	5,761.4	5,895.6	5,927.8	5,874.3
Zamboanga del Norte	321.1	341.1	912.9	344.4	346.5	454.1	463.5	437.5	396.8	405.0
Zamboanga del Sur	447.7	426.0	338.7	382.0	369.7	533.4	763.0	798.9	828.9	847.8
Zamboanga Sibugay	103.9	110.1	406.4	115.4	127.0	168.3	192.8	203.9	198.1	204.8
Zamboanga City	922.6	918.9	105.6	926.0	966.0	1,855.5	4,342.2	4,455.3	4,504.0	4,416.7
Northern Mindanao	50,450.7	52,056.2	50,485.5	51,108.9	50,085.9	48,934.4	47,922.9	45,999.7	46,213.2	47,395.4
Bukidnon	37,950.0	39,600.0	39,080.0	39,525.0	38,726.0	39,174.0	39,390.0	37,750.0	37,904.0	39,010.0
Camiguin	42.4	50.6	65.2	75.2	70.9	73.4	84.9	76.1	72.0	76.5
Lanao del Norte	531.0	569.0	553.5	569.5	604.0	611.0	588.5	555.2	577.3	554.3
Misamis Occidental	456.1	528.2	542.3	578.8	605.0	626.0	649.4	652.5	615.0	628.7
Misamis Oriental	11,471.3	11,308.5	10,244.4	10,360.4	10,080.0	8,450.0	7,210.0	6,966.0	7,045.0	7,126.0
Davao Region	4,393.1	4,273.2	4,337.9	4,296.4	4,193.5	4,066.7	4,030.8	4,090.6	3,935.3	4,043.3
Davao del Norte	69.5	69.4	72.3	67.2	71.6	71.5	77.8	77.6	78.2	77.2
Davao del Sur	2,160.7	2,018.5	2,029.5	2,011.0	2,033.6	2,038.7	2,073.6	2,103.9	2,059.9	2,096.6
Davao Oriental	145.1	144.8	149.8	144.0	146.2	154.2	203.1	208.5	203.0	213.5
Compostela Valley	1,361.7	1,393.3	1,427.5	1,440.2	1,319.1	1,163.6	967.7	990.9	945.4	921.5
Davao City	656.1	647.1	658.9	633.9	623.1	638.8	708.5	709.7	648.8	734.6
SOCCSKSARGEN	5,019.1	5,104.7	5,052.8	5,161.8	5,306.4	4,921.1	5,139.1	5,173.5	5,303.1	5,161.3
North Cotabato	4,109.8	4,207.8	4,200.4	4,291.8	4,418.9	4,049.1	4,274.3	4,311.5	4,425.0	4,218.5
Sarangani	262.0	252.5	217.5	239.0	233.1	229.5	227.3	227.0	201.2	211.0
South Cotabato	285.0	275.8	249.7	270.2	273.1	275.1	279.6	278.0	313.6	341.3
Sultan Kudarat	362.3	368.6	385.2	360.7	381.3	367.4	357.8	357.0	363.3	390.6
Caraga	341.1	303.4	313.9	177.2	212.0	234.1	248.2	241.4	433.0	500.9
Agusan del Norte	113.5	111.1	115.3	55.4	87.6	95.0	113.5	58.8	67.2	65.2
Agusan del Sur	116.1	82.1	76.7	61.5	67.3	74.9	83.7	135.2	312.5	377.1
Dinagat Islands	..	..	..	..	..	..	..	..	2.4	2.8
Surigao del Norte	31.6	35.0	45.0	21.6	16.9	17.5	11.5	4.5	6.0	10.5
Surigao del Sur	79.9	75.3	76.9	38.8	40.3	46.8	39.6	42.8	45.0	45.3
ARMM	429.7	409.2	405.3	404.1	414.4	410.5	413.8	412.7	412.2	416.3
Basilan	24.3	25.4	26.1	25.6	24.9	24.7	25.6	26.3	27.1	27.9
Lanao del Sur	35.8	35.4	35.6	34.9	33.3	32.1	33.5	33.5	33.4	33.5
Maguindanao	337.5	318.0	314.0	311.7	322.0	321.5	323.5	323.9	324.9	327.7
Sulu	28.6	27.1	26.5	28.4	30.2	28.1	26.4	23.9	21.9	22.4
Tawi-tawi	3.6	3.3	3.1	3.6	4.0	4.2	4.9	5.2	5.0	4.8

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(continued)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Ubi										
Philippines	**24,185.0**	**22,567.2**	**21,906.1**	**17,844.1**	**16,428.9**	**14,770.4**	**15,245.2**	**13,797.6**	**14,165.9**	**14,375.5**
CAR	155.6	160.8	160.4	158.8	158.1	166.3	170.0	166.9	157.2	171.3
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	2.3	5.0	4.8	7.8	7.7	11.0	13.9	15.7	16.0	16.7
Benguet	147.8	150.5	150.1	145.3	142.9	144.3	145.4	139.5	130.8	145.0
Ifugao	..	..	..	..	..	..	..	..	..	..
Kalinga	5.5	5.4	5.5	5.7	7.5	11.0	10.8	11.7	10.4	9.6
Mountain Province	..	..	..	..	..	..	..	..	..	..
Ilocos Region	179.5	179.8	201.0	205.4	228.5	296.8	372.2	377.8	387.4	406.5
Ilocos Norte	43.6	46.9	49.7	46.9	52.7	55.9	58.7	61.3	62.8	64.1
Ilocos Sur	..	..	..	..	..	55.7	103.2	103.9	104.6	105.0
La Union	136.0	133.0	151.3	158.6	175.8	185.2	210.3	212.6	220.0	237.4
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	2,281.8	2,131.1	1,757.3	1,694.2	2,325.6	2,316.6	2,209.0	2,046.9	1,872.0	1,863.6
Batanes	..	..	..	..	629.7	557.4	565.6	358.3	241.1	236.6
Cagayan	1,337.8	1,248.8	1,114.0	1,108.1	1,131.2	1,210.5	1,205.9	1,260.7	1,185.2	1,155.9
Isabela	634.0	573.1	366.3	301.1	292.3	267.9	191.3	191.1	165.5	154.5
Nueva Vizcaya	252.1	244.2	207.0	222.0	192.5	203.8	165.2	148.8	176.9	190.5
Quirino	58.0	65.0	70.0	63.0	80.0	77.0	81.0	88.1	103.5	126.1
Central Luzon	558.1	540.1	552.6	561.0	561.0	555.6	578.1	594.1	567.1	561.9
Aurora	150.0	148.0	147.0	153.4	152.5	160.2	161.3	163.5	144.5	153.1
Bataan	70.2	70.2	70.3	65.0	63.0	58.0	60.0	59.5	60.0	59.5
Bulacan	239.5	217.8	231.0	231.8	231.0	218.9	234.5	246.5	246.7	242.9
Nueva Ecija	18.9	19.1	19.0	19.0	18.5	18.0	17.9	16.5	15.7	14.7
Pampanga	7.8	11.6	10.0	9.0	10.5	10.0	11.0	10.7	11.0	10.0
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	71.8	73.5	75.3	82.8	85.5	90.5	93.4	97.5	89.3	81.7
CALABARZON	465.6	518.1	625.7	648.1	653.3	670.2	676.9	656.6	1,338.4	1,399.3
Batangas	166.0	219.0	265.0	273.0	215.0	210.0	220.0	214.9	222.0	263.1
Cavite	107.4	104.4	139.9	143.9	195.6	199.9	190.5	185.6	242.3	250.2
Laguna	115.5	121.0	121.1	124.3	126.0	130.3	125.4	122.4	124.9	144.7
Quezon	76.7	73.8	99.7	107.0	116.7	130.0	141.0	133.7	749.2	741.3
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	356.4	417.0	423.9	458.3	495.9	539.6	570.3	590.4	599.8	623.6
Marinduque	48.9	50.2	50.2	51.0	52.0	51.7	52.5	53.3	57.8	63.0
Occidental Mindoro	95.6	109.6	116.4	121.9	131.7	147.1	156.7	166.1	167.8	175.1
Oriental Mindoro	16.5	15.8	16.9	16.4	16.6	16.1	16.8	16.7	17.9	18.4
Palawan	91.1	117.1	111.6	132.2	152.6	180.9	203.8	206.1	205.7	211.3
Romblon	104.3	124.4	128.9	136.8	143.0	143.8	140.5	148.2	150.7	155.8
Bicol Region	682.9	662.4	657.3	625.4	599.9	589.0	534.7	528.3	467.8	434.8
Albay	592.0	566.0	561.8	539.3	506.8	493.8	439.2	429.4	373.0	340.6
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	4.1	4.3	4.2	4.2	4.2	4.2	4.2	4.1	3.9	3.5
Catanduanes	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6
Masbate	71.0	76.5	75.0	66.0	72.0	73.7	73.7	76.0	73.9	73.5
Sorsogon	14.0	14.0	14.5	14.2	15.1	15.5	15.8	17.1	15.2	15.7
Western Visayas	635.7	658.0	651.4	669.8	676.6	664.4	652.5	648.0	611.1	619.3
Aklan	181.8	175.3	177.1	181.7	190.5	180.3	164.3	155.1	149.0	143.6
Antique	55.4	67.8	75.8	74.7	68.7	70.5	64.4	67.6	63.6	74.6
Capiz	28.1	37.5	41.2	36.4	46.0	52.6	59.5	62.0	60.5	56.6
Guimaras	40.1	44.0	40.5	37.8	38.3	33.7	29.6	20.7	16.2	23.3
Iloilo	144.0	145.0	133.0	141.0	127.5	117.5	120.0	130.7	122.1	117.0
Negros Occidental	186.4	188.4	183.9	198.2	205.6	209.8	214.8	211.9	199.7	204.2
Central Visayas	15,700.4	14,092.5	13,722.3	9,752.5	7,527.6	5,929.3	6,364.2	5,129.6	5,210.8	5,351.2
Bohol	15,109.2	13,447.6	13,168.6	9,230.8	7,004.1	5,419.4	5,847.4	4,632.0	4,765.6	4,900.1
Cebu	458.2	471.3	380.9	318.9	313.1	301.8	316.8	299.2	259.7	250.1
Negros Oriental	127.6	167.0	166.6	196.1	203.9	201.4	193.6	192.3	179.8	194.7
Siquijor	5.4	6.6	6.3	6.8	6.5	6.6	6.4	6.1	5.7	6.3
Eastern Visayas	839.6	844.9	841.2	844.5	947.4	780.1	756.7	764.5	737.9	686.8
Biliran	180.5	178.6	168.0	165.5	162.3	153.7	153.8	154.6	152.6	115.0
Eastern Samar	40.9	41.9	41.1	41.8	44.7	42.2	40.3	36.3	32.2	29.5
Leyte	507.2	512.1	517.1	522.3	621.7	462.7	446.3	453.4	436.2	423.1
Northern Samar	23.9	24.5	25.0	25.6	26.2	27.0	27.7	27.3	23.1	22.7
Southern Leyte	74.3	75.3	12.4	78.0	80.0	81.2	75.3	79.6	81.5	84.4
Samar (Western Sama	13.0	12.5	77.5	11.3	12.5	13.3	13.4	13.5	12.3	12.2
Zamboanga Peninsula	252.1	257.6	250.2	253.1	257.9	265.1	315.6	292.6	290.9	290.9
Zamboanga del Norte	34.1	34.5	33.1	32.9	33.0	32.7	31.7	26.6	22.5	23.9
Zamboanga del Sur	94.3	96.4	90.5	90.4	95.6	100.0	146.0	126.1	134.2	134.2
Zamboanga Sibugay	52.0	53.0	54.6	55.6	53.3	51.8	59.4	62.8	57.7	56.9
Zamboanga City	71.7	73.7	72.0	74.2	76.0	80.7	78.4	77.2	76.6	75.9
Northern Mindanao	797.6	828.0	867.3	872.3	931.5	940.9	1,007.1	1,011.3	1,013.8	1,043.7
Bukidnon	39.0	38.0	30.0	28.0	24.0	20.0	16.5	18.0	24.0	27.0
Camiguin	50.0	62.0	45.8	38.8	39.0	36.7	32.0	26.5	22.3	28.7
Lanao del Norte	556.0	557.0	613.0	624.0	660.0	671.0	718.0	739.5	743.5	753.0
Misamis Occidental	96.0	105.8	120.0	131.5	140.5	141.3	140.6	131.3	127.0	130.0
Misamis Oriental	56.6	65.1	58.5	50.0	68.0	72.0	100.0	96.0	97.0	105.0
Davao Region	408.5	408.9	426.9	402.1	384.3	376.2	360.9	350.1	313.4	315.0
Davao del Norte	42.6	45.6	48.5	44.4	41.2	38.7	42.6	47.2	45.7	45.7
Davao del Sur	153.3	157.6	167.6	172.8	175.0	173.3	176.4	168.4	164.2	164.7
Davao Oriental	16.9	14.9	13.2	9.1	3.9	6.0	3.7	2.7	1.4	0.8
Compostela Valley	94.8	94.5	101.2	93.1	88.0	83.9	68.2	60.5	56.0	57.2
Davao City	100.8	96.3	96.4	82.6	76.2	74.2	70.0	71.2	46.2	46.6
SOCCSKSARGEN	320.7	331.9	316.3	318.4	313.1	318.4	320.8	292.7	246.7	250.9
North Cotabato	135.3	136.9	135.6	133.4	134.5	136.8	138.4	128.5	122.6	121.0
Sarangani	50.2	48.9	43.3	45.5	45.6	47.0	41.8	34.8	16.7	20.5
South Cotabato	81.2	92.8	91.5	94.2	89.2	93.5	99.5	89.3	69.6	75.3
Sultan Kudarat	54.1	53.3	46.0	45.3	43.9	41.2	41.2	40.2	37.9	34.1
Caraga	259.1	217.1	144.5	70.5	58.1	49.3	40.9	32.5	32.5	32.1
Agusan del Norte	48.0	31.0	26.5	8.8	5.0	5.2	5.4	5.0	4.8	4.7
Agusan del Sur	42.6	28.1	10.6	5.8	5.2	5.3	2.6	2.5	2.4	2.8
Dinagat Islands	..	..	..	..	..	3.7	3.1	2.8	2.8	2.2
Surigao del Norte	64.0	62.9	39.5	31.4	21.7	12.5	8.7	5.6	4.6	3.6
Surigao del Sur	104.5	95.1	68.0	24.5	26.2	22.6	21.1	16.6	18.0	19.0
ARMM	291.5	319.0	308.0	309.7	310.4	312.8	315.4	315.3	319.0	324.8
Basilan	..	..	..	..	..	..	..	..	..	..
Lanao del Sur	159.5	162.5	159.0	159.2	164.3	165.3	165.6	165.8	168.1	168.2
Maguindanao	132.0	156.5	149.0	150.5	146.1	147.5	149.8	149.5	150.9	156.6
Sulu	..	..	..	..	..	..	..	..	..	..
Tawi-tawi	..	..	..	..	..	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

2012-2013: Revised due to inclusion of Batanes data
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.10.2
OTHER CROPS: VOLUME OF PRODUCTION BY CROP AND GEOLOCATION *(concluded)*
2008 to 2017
(in metric tons)

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
White Potato										
Philippines	**121,311.5**	**119,159.4**	**124,671.2**	**120,573.7**	**119,569.8**	**117,721.6**	**119,140.0**	**118,479.3**	**116,783.5**	**117,637.3**
CAR	103,303.1	101,060.7	107,182.0	103,135.4	102,433.7	100,758.1	102,255.2	101,828.5	99,980.9	100,422.7
Abra	..	..	..	..	..	..	..	..	..	..
Apayao	..	..	..	..	..	..	..	..	..	..
Benguet	87,932.0	87,475.7	95,778.6	90,815.6	90,148.0	88,372.8	89,918.4	90,094.6	88,771.1	89,892.5
Ifugao	177.3	164.3	138.8	135.3	138.9	141.1	141.8	132.6	120.1	106.3
Kalinga	..	..	..	..	..	..	..	..	..	..
Mountain Province	15,193.9	13,420.7	11,264.6	12,184.5	12,146.8	12,244.2	12,195.0	11,601.4	11,089.7	10,424.0
Ilocos Region	..	..	..	..	..	..	..	..	..	..
Ilocos Norte	..	..	..	..	..	..	..	..	..	..
Ilocos Sur	..	..	..	..	..	..	..	..	..	..
La Union	..	..	..	..	..	..	..	..	..	..
Pangasinan	..	..	..	..	..	..	..	..	..	..
Cagayan Valley	521.3	536.2	440.9	443.1	421.4	427.3	448.3	419.9	459.6	466.2
Batanes	..	..	..	..	..	..	..	..	..	..
Cagayan	..	..	..	..	..	..	..	..	..	..
Isabela	4.0	3.9	1.7	2.1	2.3	2.4	2.1	2.4	2.1	2.2
Nueva Vizcaya	517.3	532.3	439.2	441.0	419.1	424.9	446.2	417.6	457.5	464.0
Quirino	..	..	..	..	..	..	..	..	..	..
Central Luzon	2.6	2.7	2.6	2.6	2.6	..	..	..	..	..
Aurora	..	..	..	..	..	..	..	..	..	..
Bataan	..	..	..	..	..	..	..	..	..	..
Bulacan	..	..	..	..	..	..	..	..	..	..
Nueva Ecija	2.6	2.7	2.6	2.6	2.6	..	..	..	..	..
Pampanga	..	..	..	..	..	..	..	..	..	..
Tarlac	..	..	..	..	..	..	..	..	..	..
Zambales	..	..	..	..	..	..	..	..	..	..
CALABARZON	..	..	..	..	..	..	..	..	..	..
Batangas	..	..	..	..	..	..	..	..	..	..
Cavite	..	..	..	..	..	..	..	..	..	..
Laguna	..	..	..	..	..	..	..	..	..	..
Quezon	..	..	..	..	..	..	..	..	..	..
Rizal	..	..	..	..	..	..	..	..	..	..
MIMAROPA	..	..	..	..	..	..	..	..	..	..
Marinduque	..	..	..	..	..	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..	..	..	..	..	..
Oriental Mindoro	..	..	..	..	..	..	..	..	..	..
Palawan	..	..	..	..	..	..	..	..	..	..
Romblon	..	..	..	..	..	..	..	..	..	..
Bicol Region	0.1	..	..	..	..	..	..	..	..	..
Albay	0.1	..	..	..	..	..	..	..	..	..
Camarines Norte	..	..	..	..	..	..	..	..	..	..
Camarines Sur	..	..	..	..	..	..	..	..	..	..
Catanduanes	..	..	..	..	..	..	..	..	..	..
Masbate	..	..	..	..	..	..	..	..	..	..
Sorsogon	..	..	..	..	..	..	..	..	..	..
Western Visayas	..	..	..	..	..	..	..	..	0.0	0.0
Aklan	..	..	..	..	..	..	..	..	..	..
Antique	..	..	..	..	..	..	..	..	..	..
Capiz	..	..	..	..	..	..	..	..	..	..
Guimaras	..	..	..	..	..	..	..	..	..	..
Iloilo	..	..	..	..	..	..	..	..	..	..
Negros Occidental	..	..	..	..	..	..	..	..	..	..
Central Visayas	56.6	51.9	55.9	57.5	54.9	33.7	7.2	3.7	5.4	0.7
Bohol	..	..	..	..	..	..	..	..	..	..
Cebu	0.1	0.1	0.2	..	..	..	..	..	..	..
Negros Oriental	56.5	51.9	55.7	57.5	54.9	33.7	7.2	3.7	5.4	0.7
Siquijor	..	..	..	..	..	..	..	..	..	..
Eastern Visayas	..	..	..	..	..	..	..	..	..	..
Biliran	..	..	..	..	..	..	..	..	..	..
Eastern Samar	..	..	..	..	..	..	..	..	..	..
Leyte	..	..	..	..	..	..	..	..	..	..
Northern Samar	..	..	..	..	..	..	..	..	..	..
Southern Leyte	..	..	..	..	..	..	..	..	..	..
Samar (Western Sama	..	..	..	..	..	..	..	..	..	..
Zamboanga Peninsula	..	..	..	..	..	..	..	..	..	..
Zamboanga del Norte	..	..	..	..	..	..	..	..	..	..
Zamboanga del Sur	..	..	..	..	..	..	..	..	..	..
Zamboanga Sibugay	..	..	..	..	..	..	..	..	..	..
Zamboanga City	..	..	..	..	..	..	..	..	..	..
Northern Mindanao	6,945.0	7,025.0	6,870.0	6,745.0	6,550.0	6,355.0	6,145.0	5,810.0	5,879.2	6,034.2
Bukidnon	6,945.0	7,025.0	6,870.0	6,745.0	6,550.0	6,355.0	6,145.0	5,810.0	5,879.0	6,034.0
Camiguin	..	..	..	..	..	..	..	..	0.2	0.2
Lanao del Norte	..	..	..	..	..	..	..	..	..	..
Misamis Occidental	..	..	..	..	..	..	..	..	..	..
Misamis Oriental	..	..	..	..	..	..	..	..	..	..
Davao Region	9,841.5	9,859.4	9,557.9	9,601.1	9,512.7	9,511.4	9,633.8	9,801.2	9,846.2	10,044.0
Davao del Norte	..	..	..	..	..	..	..	..	..	..
Davao del Sur	9,822.5	9,841.2	9,543.7	9,584.7	9,496.8	9,495.6	9,618.3	9,786.3	9,831.6	10,028.4
Davao Oriental	..	..	..	..	..	..	..	..	..	..
Compostela Valley	..	..	..	..	..	..	..	..	..	..
Davao City	19.0	18.2	14.1	16.4	15.9	15.8	15.5	14.9	14.6	15.6
SOCCSKSARGEN	641.3	623.5	562.0	589.1	594.6	636.2	650.6	616.1	612.2	669.6
North Cotabato	187.6	184.6	181.4	194.0	202.8	218.7	239.8	220.6	215.5	219.5
Sarangani	69.0	70.9	63.0	62.2	62.2	58.5	56.4	49.8	42.0	45.7
South Cotabato	192.8	201.0	214.7	235.1	234.5	260.4	260.1	253.2	266.4	280.6
Sultan Kudarat	191.9	167.1	102.9	97.8	95.1	98.6	94.3	92.5	88.3	123.8
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
2015: Revised data of Sugarcane, Mongo and Watermelon

Table 2.11.1
FERTILIZER PRODUCTION BY MAJOR GRADES
2008 to 2017
(In metric tons)

Fertilizer Grade	2008	2009	2010	2011	2012	2013	2014	2015	2016*	2017*
Urea	-	-	-	-	-	-	-	-	-	-
21-0-0	7,740	4,160	-	-	71,307	-	-	-	53,975	-
16-20-0	49,578	48,646	10,291	100,480	168,862	64,280	64,722	-	71,813	99,222
18-46-0	-	-	-	77,469	44,208	-	-	-	3,661	-
14-14-14	158,147	112,070	25,552	265,821	273,729	216,399	220,448	-	166,010	213,670
0-0-60	-	-	-	-	64,370	-	13,099	-	18,314	-

Note: *as of 19 April 2018
Source: Fertilizer and Pesticide Authority

Table 2.11.2
FERTILIZER IMPORTATION BY MAJOR GRADES
2008 to 2017
(In metric tons)

Fertilizer Grade	2008	2009	2010	2011	2012	2013	2014	2015	2016*	2017*
Urea	625,939	678,853	946,295	715,655	562,411	418,852	960,339	995,677	1,051,121	985,917
21-0-0	336,432	362,037	494,985	364,597	404,236	169,444	568,879	374,775	492,250	554,352
16-20-0	127,776	73,520	102,596	120,549	62,148	49,440	185,345	208,095	173,894	240,165
18-46-0	88,570	59,471	137,235	95,763	92,356	47,263	139,671	103,425	84,047	133,500
14-14-14	44,155	31,191	48,207	45,284	29,021	25,415	101,618	140,082	158,375	231,948
0-0-60	153,878	290,121	182,026	191,262	115,208	57,288	226,809	379,578	207,152	203,809

Note: *as of 19 April 2018
Source: Fertilizer and Pesticide Authority

Table 2.11.3
FERTILIZER SALES BY MAJOR GRADES
2008 to 2016
(In metric tons)

Fertilizer Grade	2008	2009	2010	2011	2012	2013	2014	2015	2016
Urea	192,736	205,407	186,086	223,045	349,456	12,012	582,027	72,450	-
21-0-0	57,140	56,949	17,978	81,868	151,279	33,325	466,181	53,882	48,711
16-20-0	130,197	97,508	18,873	89,879	172,516	64,259	205,394	25,620	46,970
18-46-0	5,043	1,184	-	9,043	9,668	-	39,179	6,772	5,973
14-14-14	188,877	99,343	23,205	127,092	264,944	207,832	303,370	22,097	199,549
0-0-60	41,493	36,987	-	35,965	40,316	-	115,032	33,782	-

Source: Fertilizer and Pesticide Authority

Table 2.11.4
FERTILIZER EXPORTS BY MAJOR GRADES
2008 to 2016
(In metric tons)

Fertilizer Grade	2008	2009	2010	2011	2012	2013	2014	2015	2016*
Urea	37,743	-	…	-	20,000	-	-	-	-
21-0-0	31,425	34,900	…	-	28,310	19,554	-	-	-
16-20-0	-	-	…	3,001	67,720	18,100	-	-	-
18-46-0	4,500	-	…	55,009	76,150	10,555	-	-	-
14-14-14	-	-	…	-	-	-	-	-	-
0-0-60	-	-	…	-	-	-	-	-	-

... No data available
Source: Fertilizer and Pesticide Authority

TABLE 2.12
VOLUME OF PESTICIDE IMPORTATION BY TYPE/USE
2008 to 2017
(in metric tons)

Type/Use	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL	36,194	34,090	36,941	42,776	46,617	43,096	54,769	57,621	54,551	30,938
Fungicide	9,663	9,533	11,674	11,405	12,443	4,658	12,909	14,077	12,816	7,438
Herbicide	9,217	8,838	8,676	12,942	15,145	17,955	17,767	18,133	21,917	7,663
Insecticide	7,736	5,557	5,121	5,299	5,829	11,397	13,309	10,304	12,503	3,550
Others	9,578	10,162	11,470	13,130	13,200	9,086	10,784	15,108	7,315	12,287

Note: "Others" include surfactants, emulsifiers, wood preservatives, etc.
Source: Fertilizer and Pesticide Authority

Table 2.13.1
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS EXPORTS BY CROP
2008 to 2017

COMMODITY	2008		2009	
	Volume (in MT)	Value (in thousand Php)	Volume (in MT)	Value (in thousand Php)
Grains				
Rice	1,134.2	3,084.1	176.6	607.9
Corn	1,587.3	939.1	544.5	829.3
Other crops				
Banana, *fresh*	2,192,552.9	405,557.7	1,664,054.7	344,434.4
Centrifugal sugar	209,264.5	66,618.1	243,908.6	86,300.4
Pineapple, *fresh*	291,676.0	61,234.8	204,505.0	51,447.8
Mango, *fresh*	20,844.5	19,575.7	20,380.9	15,983.9
Coconut (matured)	1.4	2.4	29.3	18.0
Onion, *fresh*	28.3	6.0	0.5	0.9
Mongo Beans	12.3	13.8	14.9	19.3
Coffee, Robusta	16.8	31.2		
Cocoa Beans	103.0	208.9	296.2	464.8
Leaf Tobacco, Virginia type	6,744.3	17,264.9	8,380.3	25,684.5
Garlic, *fresh*			0.1	0.0
Sweet Potato	2.3	2.5	3.4	6.1
Cassava, *fresh*	848.4	1,232.0	982.6	1,300.9
Tomato				
Cabbage				
Papaya, *fresh*	2,878.1	4,298.4	2,304.7	2,784.3
Watermelon, *fresh*	534.8	88.3	548.8	75.0
Calamansi, *fresh*	20.1	20.7	34.5	42.0

Table 2.13.1 *(Continued)*
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS EXPORTS BY CROP
2008 to 2017

COMMODITY	2010		2011	
	Volume (in MT)	Value (in thousand Php)	Volume (in MT)	Value (in thousand Php)
Grains				
Rice	240.4	851.1	538.4	2,162.0
Corn	26.0	74.0	12.4	43.4
Other crops				
Banana, *fresh*	1,590,065.7	319,295.6	2,005,510.4	472,377.3
Centrifugal sugar	72,436.2	36,793.3	578,737.5	351,451.2
Pineapple, *fresh*	164,552.6	41,776.6	263,271.8	65,844.6
Mango, *fresh*	20,115.0	15,187.8	21,150.9	16,721.4
Coconut (matured)			748.5	345.1
Onion, *fresh*	315.0	92.2		
Mongo Beans	421.8	419.5	275.1	399.5
Coffee, Robusta	19.0	26.8	0.1	1.2
Cocoa Beans	180.7	504.2	123.8	356.5
Leaf Tobacco, Virginia type	12,016.5	39,764.5	13,638.6	43,248.5
Garlic, *fresh*				
Sweet Potato	3.1	5.1		
Cassava, *fresh*	1,010.5	1,317.3	3.9	5.8
Tomato			1,098.3	1,557.2
Cabbage			4.0	15.0
Papaya, *fresh*	1,390.5	1,990.1	2,950.8	3,307.7
Watermelon, *fresh*	1,601.7	219.8	666.2	91.1
Calamansi, *fresh*	30.8	40.0	27.9	38.4

Table 2.13.1 *(Continued)*
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS EXPORTS BY CROP
2008 to 2017

COMMODITY	2012		2013	
	Volume (in MT)	Value (in thousand Php)	Volume (in MT)	Value (in thousand Php)
Grains				
Rice	298.1	1,267.7	2,664.1	228,731.3
Corn	21.3	89.5	310.8	50,554.4
Other crops				
Banana, *fresh*	2,646,117.6	646,657.1	3,266,547.6	40,859,091.9
Centrifugal sugar	201,930.5	108,796.9	471,268.6	11,583,320.3
Pineapple, *fresh*	397,018.0	99,665.6	489,742.9	6,473,096.7
Mango, *fresh*	18,440.1	15,239.9	7,886.0	564,421.3
Coconut (matured)	134.2	48.4	470.8	8,854.9
Onion, *fresh*			3,570.7	66,449.1
Mongo Beans	77.4	75.2	27.8	514.3
Coffee, Robusta	1.8	14.3	-	-
Cocoa Beans	298.1	639.4	498.1	45,763.7
Leaf Tobacco, Virginia type	4,893.8	32,871.6	12,129.6	1,537,722.6
Garlic, *fresh*			-	-
Sweet Potato	5.3	7.0	16.3	519.9
Cassava, *fresh*	582.8	966.3	1,031.0	67,634.4
Tomato			-	-
Cabbage			-	-
Papaya, *fresh*	3,065.5	3,695.6	5,924.8	260,308.4
Watermelon, *fresh*	1,293.1	176.5	85.4	1,146.2
Calamansi, *fresh*	35.3	36.0	29.4	1,293.6

Table 2.13.1 *(Continued)*
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS EXPORTS BY CROP
2008 to 2017

COMMODITY	2014		2015	
	Volume (in MT)	Value (in thousand Php)	Volume (in MT)	Value (in thousand Php)
Grains				
Rice	1,075.3	143,673.4	219.5	36,412.1
Corn	717.7	119,141.9	492.0	218,308.2
Other crops				
Banana, *fresh*	3,630,976.3	50,150,273.7	1,795,219.2	29,931,743.5
Centrifugal sugar	206,825.0	4,755,242.6	38,750.2	990,686.0
Pineapple, *fresh*	487,492.4	6,831,202.3	315,829.0	5,740,503.7
Mango, *fresh*	21,111.5	1,083,446.4	12,981.3	731,866.8
Coconut (matured)	36.0	886.8	441.1	3,924.6
Onion, *fresh*	2,690.9	64,482.3	922.3	27,696.6
Mongo Beans	50.1	1,608.0	0.1	5.6
Coffee, Robusta	-	-	0.1	55.1
Cocoa Beans	1,769.7	197,941.4	1,803.7	262,094.1
Leaf Tobacco, Virginia type	14,231.4	2,151,914.9	8,653.6	1,469,364.9
Garlic, *fresh*	1.7	153.7	-	-
Sweet Potato	21.2	1,415.0	25.8	1,453.9
Cassava, *fresh*	1,743.5	101,418.2	656.1	34,268.9
Tomato	-	-	-	-
Cabbage	-	-	-	-
Papaya, *fresh*	5,108.4	212,915.0	1,834.4	101,471.5
Watermelon, *fresh*	168.8	1,700.4	274.9	1,793.1
Calamansi, *fresh*	44.8	1,933.3	43.0	1,500.4

Table 2.13.1 *(Concluded)*
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS EXPORTS BY CROP
2008 to 2017

COMMODITY	2016		2017	
	Volume (in MT)	Value (in thousand Php)	Volume (in MT)	Value (in thousand Php)
Grains				
Rice	263.3	20,764.8	322.0	44,612.1
Corn	346.9	50,876.0	595.5	84,108.7
Other crops				
Banana, *fresh*	1,733,836.3	34,683,497.2	2,855,635.1	56,880,259.3
Centrifugal sugar	181,759.2	4,702,985.7	440,732.7	10,258,972.3
Pineapple, *fresh*	599,343.1	11,284,705.3	494,273.0	10,040,306.8
Mango, *fresh*	14,343.0	632,490.5	16,116.1	1,167,315.9
Coconut (matured)	1,909.2	51,345.2	112.0	32,365.4
Onion, *fresh*	601.3	25,431.9	776.5	36,947.9
Mongo Beans	2.9	428.5	21.6	3,534.3
Coffee, Robusta	-	-	-	-
Cocoa Beans	2,232.8	345,616.2	3,094.4	422,291.7
Leaf Tobacco, Virginia type	5,316.7	896,694.7	31,995.3	1,214,216.7
Garlic, *fresh*	-	-	-	5.8
Sweet Potato	23.8	1,628.7	25.8	1,925.8
Cassava, *fresh*	641.0	32,875.5	1,344.7	72,092.4
Tomato	0.4	7.5	-	-
Cabbage	-	-	0.2	21.8
Papaya, *fresh*	1,588.0	87,770.4	2,254.6	130,253.5
Watermelon, *fresh*	74.3	742.1	10.5	773.2
Calamansi, *fresh*	53.6	1,760.1	69.4	3,138.1

Source : Philippine Statistics Authority

Table 2.10.2
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS IMPORTS BY CROP
2008 to 2017

COMMODITY	2008		2009	
	Volume (in MT)	Value (in thousand US$)	Volume (in MT)	Value (in thousand US$)
Grains				
Rice	2,432,845.3	1,956,778.7	1,755,184.2	1,039,636.7
Corn	22,966.3	25,409.9	303,115.4	104,206.2
Other crops				
Onion, *fresh*	66,195.7	7,755.7	9,992.9	1,203.8
Mongo Beans	37,741.6	6,357.7	32,234.6	7,216.9
Coffee, *Roasted*	357.6	525.2	279.2	507.1
Cocoa Beans	140.7	263.0	12.5	49.4
Leaf Tobacco, *Virginia type*	34,433.8	118,515.6	18,544.9	66,034.4
Garlic, *fresh*	54,992.0	9,277.8	33,296.0	4,530.6
Cassava, *fresh*				
Tomato, *fresh*	0.4	1.2	0.3	0.2
Cabbage, *fresh*				
Pineapple, *fresh*			2.1	4.2
Watermelon, *fresh*				
Potato, *fresh*	5,459.4	1,783.7	8,615.5	3,294.8
Cauliflower and headded broccoli	189.6	97.6	140.4	66.5
Carrots, *fresh*	6.2	4.0	137.2	15.6

Table 2.10.2 *(Continued)*
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS IMPORTS BY CROP
2008 to 2017

COMMODITY	2010		2011	
	Volume (in MT)	Value (in thousand US$)	Volume (in MT)	Value (in thousand US$)
Grains				
Rice	2,379,115.0	1,652,523.6	707,668.4	383,150.9
Corn	88,470.3	77,228.0	66,193.1	48,016.9
Other crops				
Onion, *fresh*	10,779.7	1,311.7	4,781.5	652.7
Mongo Beans	31,583.2	16,719.2	26,885.6	15,485.0
Coffee, *Roasted*	344.0	545.1	302.7	776.0
Cocoa Beans	726.1	2,451.6	302.4	1,071.7
Leaf Tobacco, *Virginia type*	21,178.0	66,877.1	19,757.7	53,297.9
Garlic, *fresh*	17,694.1	2,136.2	7850.4	1,433.5
Cassava, *fresh*	24,500.0	6,260.5	12,706.0	5,177.5
Tomato, *fresh*			950.3	513.0
Cabbage, *fresh*				
Pineapple, *fresh*				
Watermelon, *fresh*				
Potato, *fresh*	6,893.5	2,550.2	8,176.1	3,047.9
Cauliflower and headded broccoli	241.2	167.4	123.0	126.4
Carrots, *fresh*	40	19.2	49.5	28.2

Table 2.10.2 *(Continued)*
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS IMPORTS BY CROP
2008 to 2017

COMMODITY	2012		2013	
	Volume (in MT)	Value (in thousand US$)	Volume (in MT)	Value (in thousand US$)
Grains				
Rice	1,042,143.6	438,084.6	399,076.6	7,314,295.7
Corn	136,574.6	88,518.4	341,604.6	5,879,815.0
Other crops				
Onion, *fresh*	18,307.7	2,264.9	8,507.9	48,485.5
Mongo Beans	32,794.6	16,246.4	33,910.1	976,270.9
Coffee, *Roasted*	754.5	2,128.7	474.0	62,029.7
Cocoa Beans	147.7	371.4	218.2	24,785.9
Leaf Tobacco, *Virginia type*	26,847.5	74,485.8	28,712.3	3,675,019.2
Garlic, *fresh*	5961.5	982.4	2,532.2	19,134.1
Cassava, *fresh*	78.1	21.9	15,877.5	235,711.1
Tomato, *fresh*	11.8	4.3	0.3	14.7
Cabbage, *fresh*	-	-	-	-
Pineapple, *fresh*			-	-
Watermelon, *fresh*			-	-
Potato, *fresh*	6,299.3	2,182.9	4,362.3	54,175.8
Cauliflower and headded broccoli	112.7	203.2	24.1	2,067.1
Carrots, *fresh*	10.4	10.4	25.4	706.3

Table 2.10.2 *(Continued)*
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS IMPORTS BY CROP
2008 to 2017

COMMODITY	2014		2015	
	Volume (in MT)	Value (in thousand US$)	Volume (in MT)	Value (in thousand US$)
Grains				
Rice	1,089,140.6	20,140,416.2	1,481,502.5	28,013,134.6
Corn	575,138.7	9,100,989.4	712,423.7	8,995,823.2
Other crops				
Onion, *fresh*	9,047.0	71,717.6	36,246.7	288,114.7
Mongo Beans	28,903.6	901,172.9	31,240.4	998,627.4
Coffee, *Roasted*	1,215.6	209,093.8	1,974.6	321,717.1
Cocoa Beans	513.1	74,951.0	265.0	41,046.8
Leaf Tobacco, *Virginia type*	15,079.4	3,014,307.1	24,671.4	4,844,779.6
Garlic, *fresh*	29,659.6	402,849.5	70,392.8	889,869.2
Cassava, *fresh*	10,438.8	160,959.2	-	-
Tomato, *fresh*	10.5	581.7	64.5	1,859.1
Cabbage, *fresh*	-	-	-	-
Pineapple, *fresh*	-	-	-	-
Watermelon, *fresh*	-	-	-	-
Potato, *fresh*	6,666.1	109,525.9	20,026.9	339,620.2
Cauliflower and headded broccoli	27.1	1,942.5	17.7	781.0
Carrots, *fresh*	12.1	140.9	0.4	20.7

Table 2.10.2 *(Concluded)*
VOLUME AND VALUE OF AGRICULTURAL PRODUCTS IMPORTS BY CROP
2008 to 2017

COMMODITY	2016		2017	
	Volume (in MT)	Value (in thousand US$)	Volume (in MT)	Value (in thousand US$)
Grains				
Rice	609,363.6	13,242,850.7	888,085.9	18,029,117.7
Corn	806,118.6	10,077,247.9	475,244.0	6,509,394.5
Other crops				
Onion, *fresh*	135,295.6	1,056,588.6	34,084.0	309,893.4
Mongo Beans	31,232.4	993,694.2	36,474.8	1,264,971.3
Coffee, *Roasted*	1,686.2	304,474.4	1,353.9	381,409.3
Cocoa Beans	571.9	96,424.7	692.0	85,496.8
Leaf Tobacco, *Virginia type*	14,974.1	3,193,567.1	14,620.9	4,106,670.4
Garlic, *fresh*	58,983.3	752,753.9	68,163.8	906,208.8
Cassava, *fresh*	8.6	256.4	-	-
Tomato, *fresh*	-	-	-	2.6
Cabbage, *fresh*	0.6	13.1	-	-
Pineapple, *fresh*	67.8	2,616.0	4.1	1,627.8
Watermelon, *fresh*	-	-	-	-
Potato, *fresh*	20,246.5	422,268.6	20,262.4	450,471.8
Cauliflower and headded broccoli	43.6	3,024.7	176.5	10,816.7
Carrots, *fresh*	2.2	428.4	6.8	810.2

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION
2008 to 2017
(In heads)

	2008			2009		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Carabao						
Philippines	**3,338,570**	**3,332,223**	**6,347**	**3,320,966**	**3,314,832**	**6,134**
NCR	..	..	..	..	..	..
CAR	87,284	86,845	439	86,680	86,296	384
Abra	37,772	37,746	26	36,449	36,433	16
Apayao	10,183	10,183	..	10,905	10,905	..
Benguet	12,522	12,522	..	12,648	12,648	..
Ifugao	6,089	5,736	353	6,527	6,180	347
Kalinga	9,378	9,318	60	10,172	10,151	21
Mountain Province	11,340	11,340	..	9,979	9,979	..
Ilocos Region	206,099	205,820	279	207,221	206,984	237
Ilocos Norte	23,677	23,450	227	23,336	23,136	200
Ilocos Sur	16,770	16,770	..	17,700	17,700	..
La Union	30,552	30,500	52	31,057	31,020	37
Pangasinan	135,100	135,100	..	135,128	135,128	..
Cagayan Valley	332,452	331,985	467	327,272	326,706	566
Batanes	..	..	..	..	..	..
Cagayan	135,852	135,702	150	132,432	132,302	130
Isabela	150,646	150,329	317	148,318	147,882	436
Nueva Vizcaya	21,784	21,784	..	22,600	22,600	..
Quirino	24,170	24,170	..	23,922	23,922	..
Central Luzon	206,092	205,195	897	205,746	204,855	891
Aurora	27,031	27,031	..	26,383	26,383	..
Bataan	5,128	5,114	14	5,261	5,245	16
Bulacan	5,736	5,721	15	6,491	6,481	10
Nueva Ecija	53,365	52,600	765	53,415	52,640	775
Pampanga	17,646	17,600	46	20,242	20,195	47
Tarlac	67,613	67,607	6	64,688	64,682	6
Zambales	29,573	29,522	51	29,266	29,229	37
CALABARZON	161,634	161,634	..	170,436	170,436	..
Batangas	35,648	35,648	..	36,471	36,471	..
Cavite	4,500	4,500	..	4,714	4,714	..
Laguna	37,019	37,019	..	38,153	38,153	..
Quezon	74,730	74,730	..	80,500	80,500	..
Rizal	9,737	9,737	..	10,598	10,598	..
MIMAROPA	156,320	156,320	..	145,770	145,770	..
Marinduque	17,058	17,058	..	15,334	15,334	..
Occidental Mindoro	64,675	64,675	..	62,166	62,166	..
Oriental Mindoro	38,606	38,606	..	36,142	36,142	..
Palawan	22,529	22,529	..	19,578	19,578	..
Romblon	13,452	13,452	..	12,550	12,550	..
Bicol Region	247,186	245,690	1,496	248,920	247,404	1,516
Albay	45,590	45,590	..	47,497	47,497	..
Camarines Norte	29,485	29,485	..	30,231	30,231	..
Camarines Sur	64,398	64,345	53	65,486	65,429	57
Catanduanes	10,312	10,312	..	10,577	10,577	..
Masbate	64,358	62,915	1,443	65,469	64,010	1,459
Sorsogon	33,043	33,043	..	29,660	29,660	..
Western Visayas	326,531	326,166	365	325,532	325,177	355
Aklan	23,740	23,740	..	23,927	23,927	..
Antique	34,900	34,900	..	34,910	34,910	..
Capiz	54,287	54,207	80	54,244	54,169	75
Guimaras	15,200	15,200	..	15,510	15,510	..
Iloilo	100,622	100,526	96	100,736	100,637	99
Negros Occidental	97,782	97,593	189	96,205	96,024	181

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2010			2011		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Carabao						
Philippines	**3,270,406**	**3,262,489**	**7,917**	**3,075,259**	**3,063,741**	**11,518**
NCR	..	..	..	..	..	..
CAR	83,322	82,953	369	85,395	84,717	678
Abra	37,532	37,512	20	39,212	39,186	26
Apayao	9,671	9,671	..	10,813	10,813	..
Benguet	11,846	11,846	..	8,805	8,805	..
Ifugao	6,677	6,328	349	8,114	7,866	248
Kalinga	11,243	11,243	..	12,600	12,196	404
Mountain Province	6,353	6,353	..	5,851	5,851	..
Ilocos Region	185,297	185,108	189	155,678	155,224	454
Ilocos Norte	24,461	24,290	171	25,019	24,843	176
Ilocos Sur	18,050	18,050	..	16,596	16,495	101
La Union	32,518	32,500	18	30,404	30,400	4
Pangasinan	110,268	110,268	..	83,659	83,486	173
Cagayan Valley	325,166	323,601	1,565	298,915	295,861	3,054
Batanes	..	..	..	..	..	..
Cagayan	134,276	133,215	1,061	119,199	117,860	1,339
Isabela	144,710	144,206	504	134,685	133,070	1,615
Nueva Vizcaya	22,465	22,465	..	21,765	21,700	65
Quirino	23,715	23,715	..	23,266	23,231	35
Central Luzon	206,852	205,692	1,160	204,580	201,761	2,819
Aurora	26,252	26,252	..	23,109	23,109	..
Bataan	6,013	5,997	16	6,878	6,863	15
Bulacan	5,590	5,380	210	10,780	10,426	354
Nueva Ecija	53,950	53,140	810	51,442	49,268	2,174
Pampanga	21,843	21,757	86	23,191	23,040	151
Tarlac	62,195	62,190	5	61,049	60,974	75
Zambales	31,009	30,976	33	28,131	28,081	50
CALABARZON	170,639	169,949	690	171,500	170,540	960
Batangas	35,974	35,974	..	36,864	36,864	..
Cavite	4,520	4,520	..	4,267	4,267	..
Laguna	37,655	37,655	..	37,230	37,000	230
Quezon	81,890	81,200	690	82,130	81,400	730
Rizal	10,600	10,600	..	11,009	11,009	..
MIMAROPA	135,143	135,143	..	124,338	124,338	..
Marinduque	14,259	14,259	..	12,532	12,532	..
Occidental Mindoro	56,243	56,243	..	48,285	48,285	..
Oriental Mindoro	35,771	35,771	..	34,066	34,066	..
Palawan	17,250	17,250	..	19,593	19,593	..
Romblon	11,620	11,620	..	9,862	9,862	..
Bicol Region	256,335	254,844	1,491	245,321	244,212	1,109
Albay	51,435	51,435	..	49,841	49,841	..
Camarines Norte	30,624	30,624	..	30,520	30,520	..
Camarines Sur	66,037	65,979	58	61,715	61,715	..
Catanduanes	10,679	10,679	..	11,775	11,775	..
Masbate	66,537	65,104	1,433	63,549	62,440	1,109
Sorsogon	31,023	31,023	..	27,921	27,921	..
Western Visayas	327,722	327,367	355	312,022	311,750	272
Aklan	23,731	23,731	..	21,634	21,634	..
Antique	36,547	36,547	..	34,559	34,559	..
Capiz	53,760	53,691	69	42,940	42,852	88
Guimaras	16,053	16,053	..	15,512	15,512	..
Iloilo	101,746	101,640	106	97,069	96,972	97
Negros Occidental	95,885	95,705	180	100,308	100,221	87

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2012			2013		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Carabao						
Philippines	**2,963,980**	**2,951,714**	**12,266**	**2,912,842**	**2,900,681**	**12,161**
NCR	..	..	..	..	..	..
CAR	88,106	87,405	701	88,794	87,834	960
Abra	41,002	40,976	26	41,629	41,599	30
Apayao	11,620	11,620	..	11,851	11,851	..
Benguet	8,964	8,964	..	9,141	9,141	..
Ifugao	7,922	7,669	253	8,189	7,600	589
Kalinga	12,784	12,362	422	12,174	11,833	341
Mountain Province	5,814	5,814	..	5,810	5,810	..
Ilocos Region	152,804	152,433	371	161,197	160,876	321
Ilocos Norte	26,956	26,806	150	32,620	32,564	56
Ilocos Sur	16,788	16,680	108	17,346	17,232	114
La Union	30,471	30,447	24	31,141	31,115	26
Pangasinan	78,589	78,500	89	80,090	79,965	125
Cagayan Valley	273,572	269,758	3,814	258,092	254,250	3,842
Batanes	..	..	..	..	..	..
Cagayan	103,460	101,544	1,916	97,383	95,301	2,082
Isabela	125,732	123,952	1,780	117,291	115,651	1,640
Nueva Vizcaya	21,537	21,456	81	21,111	21,030	81
Quirino	22,843	22,806	37	22,307	22,268	39
Central Luzon	203,703	201,022	2,681	204,094	201,551	2,543
Aurora	20,062	20,062	..	18,046	18,046	..
Bataan	7,830	7,811	19	8,235	8,215	20
Bulacan	12,022	11,578	444	13,410	12,853	557
Nueva Ecija	53,535	51,695	1,840	54,658	53,118	1,540
Pampanga	25,387	25,205	182	28,253	28,051	202
Tarlac	57,502	57,372	130	53,314	53,178	136
Zambales	27,365	27,299	66	28,178	28,090	88
CALABARZON	170,789	169,728	1,061	172,016	170,982	1,034
Batangas	37,233	37,233	..	38,076	38,076	..
Cavite	4,000	4,000	..	4,042	4,042	..
Laguna	36,079	35,768	311	37,396	37,107	289
Quezon	82,820	82,070	750	82,695	81,950	745
Rizal	10,657	10,657	..	9,807	9,807	..
MIMAROPA	120,466	120,408	58	116,130	116,060	70
Marinduque	10,889	10,889	..	9,559	9,559	..
Occidental Mindoro	45,772	45,772	..	41,506	41,506	..
Oriental Mindoro	33,332	33,332	..	33,299	33,299	..
Palawan	21,606	21,548	58	23,642	23,572	70
Romblon	8,867	8,867	..	8,124	8,124	..
Bicol Region	250,726	249,630	1,096	257,943	256,832	1,111
Albay	52,376	52,376	..	56,781	56,781	..
Camarines Norte	33,500	33,500	..	36,486	36,486	..
Camarines Sur	62,864	62,864	..	61,846	61,820	26
Catanduanes	9,622	9,596	26	8,509	8,486	23
Masbate	63,270	62,200	1,070	63,331	62,269	1,062
Sorsogon	29,094	29,094	..	30,990	30,990	..
Western Visayas	311,055	310,769	286	310,114	309,827	287
Aklan	21,713	21,713	..	21,993	21,993	..
Antique	37,804	37,804	..	36,472	36,472	..
Capiz	39,837	39,746	91	40,426	40,335	91
Guimaras	14,738	14,738	..	14,643	14,643	..
Iloilo	94,328	94,223	105	93,373	93,269	104
Negros Occidental	102,635	102,545	90	103,207	103,115	92

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2014			2015		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Carabao						
Philippines	**2,847,445**	**2,835,818**	**11,627**	**2,854,838**	**2,842,768**	**12,070**
NCR	..	..	..	..	..	..
CAR	87,273	86,403	870	86,023	85,094	929
Abra	39,984	39,957	27	36,875	36,854	21
Apayao	12,227	12,227	..	12,657	12,657	..
Benguet	9,482	9,482	..	10,260	10,260	..
Ifugao	7,722	7,166	556	7,648	7,020	628
Kalinga	11,773	11,486	287	12,634	12,354	280
Mountain Province	6,085	6,085	..	5,949	5,949	..
Ilocos Region	157,057	156,699	358	160,310	159,947	363
Ilocos Norte	33,089	33,027	62	33,455	33,381	74
Ilocos Sur	18,280	18,165	115	19,028	18,951	77
La Union	28,515	28,507	8	29,268	29,260	8
Pangasinan	77,173	77,000	173	78,559	78,355	204
Cagayan Valley	252,830	249,360	3,470	247,171	244,177	2,994
Batanes	2,604	2,604	..	2,835	2,835	..
Cagayan	96,235	94,312	1,923	95,876	94,233	1,643
Isabela	110,428	108,990	1,438	104,592	103,357	1,235
Nueva Vizcaya	21,245	21,163	82	21,447	21,362	85
Quirino	22,318	22,291	27	22,421	22,390	31
Central Luzon	211,966	209,248	2,718	217,665	214,003	3,662
Aurora	17,892	17,892	..	17,750	17,750	..
Bataan	8,857	8,825	32	8,755	8,725	30
Bulacan	14,454	13,735	719	16,118	15,100	1,018
Nueva Ecija	56,107	54,564	1,543	56,684	54,486	2,198
Pampanga	31,839	31,631	208	35,653	35,458	195
Tarlac	53,693	53,576	117	53,190	53,084	106
Zambales	29,124	29,025	99	29,515	29,400	115
CALABARZON	171,388	170,563	825	171,696	170,909	787
Batangas	38,274	38,274	..	38,800	38,800	..
Cavite	4,084	4,084	..	4,189	4,189	..
Laguna	37,030	36,855	175	38,779	38,610	169
Quezon	83,300	82,650	650	82,028	81,410	618
Rizal	8,700	8,700	..	7,900	7,900	..
MIMAROPA	115,910	115,823	87	117,107	116,998	109
Marinduque	9,610	9,610	..	9,706	9,706	..
Occidental Mindoro	38,978	38,978	..	38,358	38,358	..
Oriental Mindoro	33,805	33,805	..	33,760	33,760	..
Palawan	25,521	25,434	87	27,327	27,218	109
Romblon	7,996	7,996	..	7,956	7,956	..
Bicol Region	269,100	267,990	1,110	278,331	277,318	1,013
Albay	62,139	62,139	..	68,026	68,026	..
Camarines Norte	39,065	39,065	..	41,359	41,359	..
Camarines Sur	63,238	63,206	32	65,019	64,986	33
Catanduanes	7,732	7,710	22	6,865	6,840	25
Masbate	63,690	62,634	1,056	64,076	63,121	955
Sorsogon	33,236	33,236	..	32,986	32,986	..
Western Visayas	313,592	313,361	231	312,583	312,349	234
Aklan	23,308	23,308	..	22,768	22,768	..
Antique	36,873	36,873	..	37,209	37,209	..
Capiz	41,236	41,180	56	41,268	41,205	63
Guimaras	14,889	14,889	..	14,362	14,362	..
Iloilo	93,858	93,770	88	93,926	93,850	76
Negros Occidental	103,428	103,341	87	103,050	102,955	95

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2016			2017		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Carabao						
Philippines	**2,877,091**	**2,865,836**	**11,255**	**2,881,894**	**2,870,873**	**11,021**
NCR	..	..	..	..	..	..
CAR	86,265	85,338	927	86,509	85,562	947
Abra	34,770	34,750	20	33,320	33,300	20
Apayao	13,014	13,014	..	13,216	13,216	..
Benguet	11,300	11,300	..	11,806	11,806	..
Ifugao	7,643	7,038	605	7,668	7,050	618
Kalinga	13,699	13,397	302	14,879	14,570	309
Mountain Province	5,839	5,839	..	5,620	5,620	..
Ilocos Region	163,561	163,164	397	165,850	165,437	413
Ilocos Norte	34,339	34,269	70	34,756	34,678	78
Ilocos Sur	19,938	19,874	64	20,136	20,097	39
La Union	30,737	30,727	10	32,242	32,242	..
Pangasinan	78,547	78,294	253	78,716	78,420	296
Cagayan Valley	242,831	239,898	2,933	235,936	233,025	2,911
Batanes	3,008	3,008	..	3,172	3,172	..
Cagayan	94,868	93,156	1,712	93,522	91,807	1,715
Isabela	100,743	99,575	1,168	95,300	94,210	1,090
Nueva Vizcaya	22,037	22,016	21	22,612	22,544	68
Quirino	22,175	22,143	32	21,330	21,292	38
Central Luzon	223,978	220,851	3,127	223,036	220,435	2,601
Aurora	17,311	17,311	..	16,461	16,461	..
Bataan	8,411	8,385	26	8,105	8,084	21
Bulacan	18,179	16,729	1,450	18,728	17,971	757
Nueva Ecija	56,820	55,550	1,270	55,554	54,210	1,344
Pampanga	39,599	39,398	201	39,236	39,033	203
Tarlac	53,544	53,493	51	56,867	56,711	156
Zambales	30,114	29,985	129	28,085	27,965	120
CALABARZON	170,091	169,504	587	176,002	175,406	596
Batangas	39,125	39,125	..	44,650	44,650	..
Cavite	4,220	4,220	..	4,240	4,240	..
Laguna	38,832	38,659	173	38,798	38,626	172
Quezon	80,114	79,700	414	80,614	80,190	424
Rizal	7,800	7,800	..	7,700	7,700	..
MIMAROPA	121,219	121,081	138	125,254	125,077	177
Marinduque	10,412	10,412	..	10,597	10,597	..
Occidental Mindoro	39,269	39,269	..	40,767	40,767	..
Oriental Mindoro	33,606	33,606	..	34,447	34,447	..
Palawan	29,780	29,642	138	31,617	31,440	177
Romblon	8,152	8,152	..	7,826	7,826	..
Bicol Region	288,641	287,601	1,040	302,610	301,588	1,022
Albay	72,794	72,794	..	80,300	80,300	..
Camarines Norte	43,842	43,842	..	46,165	46,165	..
Camarines Sur	67,010	66,993	17	69,330	69,328	2
Catanduanes	6,412	6,397	15	6,092	6,077	15
Masbate	64,368	63,360	1,008	66,740	65,735	1,005
Sorsogon	34,215	34,215	..	33,983	33,983	..
Western Visayas	311,366	311,134	232	306,855	306,546	309
Aklan	21,788	21,788	..	20,332	20,332	..
Antique	37,327	37,327	..	37,156	37,086	70
Capiz	41,051	40,997	54	39,549	39,500	49
Guimaras	13,953	13,953	..	13,060	13,060	..
Iloilo	93,974	93,900	74	92,812	92,713	99
Negros Occidental	103,273	103,169	104	103,946	103,855	91

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2008			2009		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Carabao						
Central Visayas	168,779	168,371	408	169,679	169,269	410
Bohol	63,381	63,003	378	63,298	62,920	378
Cebu	49,900	49,900	..	49,775	49,775	..
Negros Oriental	54,698	54,668	30	55,799	55,767	32
Siquijor	800	800	..	807	807	..
Eastern Visayas	333,317	332,444	873	331,245	330,366	879
Biliran	8,720	8,703	17	5,159	5,150	9
Eastern Samar	41,127	41,127	..	39,215	39,215	..
Leyte	178,752	177,938	814	179,081	178,263	818
Northern Samar	43,645	43,645	..	44,671	44,671	..
Samar (Western Samar)	42,227	42,185	42	44,284	44,232	52
Southern Leyte	18,846	18,846	..	18,835	18,835	..
Zamboanga Peninsula	189,944	189,832	112	181,946	181,845	101
Zamboanga del Norte	90,494	90,382	112	89,315	89,214	101
Zamboanga del Sur	49,029	49,029	..	43,748	43,748	..
Zamboanga Sibugay	43,186	43,186	..	41,673	41,673	..
Zamboanga City	7,235	7,235	..	7,210	7,210	..
Northern Mindanao	142,974	142,413	561	145,913	145,592	321
Bukidnon	63,901	63,340	561	65,771	65,450	321
Camiguin	2,250	2,250	..	2,390	2,390	..
Lanao del Norte	37,200	37,200	..	38,213	38,213	..
Misamis Occidental	27,363	27,363	..	26,499	26,499	..
Misamis Oriental	12,260	12,260	..	13,040	13,040	..
Davao Region	176,415	176,305	110	171,458	171,347	111
Compostela Valley	21,620	21,579	41	23,336	23,297	39
Davao del Norte	25,645	25,590	55	25,702	25,645	57
Davao del Sur	56,253	56,253	..	51,668	51,668	..
Davao Oriental	30,650	30,636	14	30,594	30,579	15
Davao City	42,247	42,247	..	40,158	40,158	..
SOCCSKSARGEN	279,367	279,095	272	281,706	281,405	301
North Cotabato	106,024	105,946	78	105,740	105,659	81
Sarangani	32,180	32,180	..	32,070	32,070	..
South Cotabato	46,569	46,569	..	46,698	46,698	..
Sultan Kudarat	94,594	94,400	194	97,198	96,978	220
Caraga	103,154	103,107	47	97,731	97,690	41
Agusan del Norte	14,217	14,176	41	13,781	13,740	41
Agusan del Sur	42,962	42,956	6	38,850	38,850	..
Surigao del Norte	21,975	21,975	..	22,100	22,100	..
Surigao del Sur	24,000	24,000	..	23,000	23,000	..
Dinagat Islands	..	..	..	..	..	..
ARMM	221,022	221,001	21	223,711	223,690	21
Basilan	14,794	14,773	21	16,449	16,428	21
Lanao del Sur	51,661	51,661	..	51,680	51,680	..
Maguindanao	153,931	153,931	..	154,815	154,815	..
Sulu	535	535	..	644	644	..
Tawi-tawi	101	101	..	123	123	..

.. Data not available

[1]Inventory as of 01 January

Western Visayas data includes Negros Occi

Central Visayas data includes Negros Orient

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2010			2011		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Carabao						
Central Visayas	170,074	169,674	400	169,295	168,810	485
Bohol	63,595	63,227	368	64,152	63,737	415
Cebu	48,472	48,472	..	46,376	46,346	30
Negros Oriental	57,189	57,157	32	57,973	57,933	40
Siquijor	818	818	..	794	794	..
Eastern Visayas	337,971	337,146	825	309,048	308,778	270
Biliran	6,770	6,770	..	5,158	5,158	..
Eastern Samar	36,520	36,520	..	32,930	32,930	..
Leyte	180,655	179,830	825	162,219	161,974	245
Northern Samar	49,265	49,265	..	46,820	46,820	..
Samar (Western Samar)	45,300	45,300	..	42,931	42,906	25
Southern Leyte	19,461	19,461	..	18,990	18,990	..
Zamboanga Peninsula	172,988	172,879	109	151,615	151,450	165
Zamboanga del Norte	83,492	83,383	109	68,539	68,444	95
Zamboanga del Sur	40,500	40,500	..	39,422	39,352	70
Zamboanga Sibugay	41,716	41,716	..	36,734	36,734	..
Zamboanga City	7,280	7,280	..	6,920	6,920	..
Northern Mindanao	133,819	133,575	244	129,033	128,373	660
Bukidnon	60,354	60,110	244	58,010	57,700	310
Camiguin	2,450	2,450	..	2,447	2,447	..
Lanao del Norte	33,440	33,440	..	33,505	33,175	330
Misamis Occidental	25,075	25,075	..	22,470	22,470	..
Misamis Oriental	12,500	12,500	..	12,601	12,581	20
Davao Region	178,526	178,381	145	171,129	170,975	154
Compostela Valley	27,947	27,893	54	27,422	27,367	55
Davao del Norte	27,432	27,390	42	27,531	27,485	46
Davao del Sur	49,844	49,810	34	47,234	47,198	36
Davao Oriental	34,847	34,832	15	32,880	32,863	17
Davao City	38,456	38,456	..	36,062	36,062	..
SOCCSKSARGEN	274,322	274,020	302	255,139	254,977	162
North Cotabato	102,842	102,755	87	95,312	95,210	102
Sarangani	32,624	32,624	..	31,800	31,800	..
South Cotabato	48,168	48,168	..	46,067	46,067	..
Sultan Kudarat	90,688	90,473	215	81,960	81,900	60
Caraga	93,600	93,548	52	87,292	87,231	61
Agusan del Norte	14,077	14,025	52	14,771	14,720	51
Agusan del Sur	36,047	36,047	..	31,523	31,513	10
Surigao del Norte	19,921	19,921	..	18,650	18,650	..
Surigao del Sur	21,990	21,990	..	20,786	20,786	..
Dinagat Islands	1,565	1,565	..	1,562	1,562	..
ARMM	218,630	218,609	21	204,959	204,744	215
Basilan	17,789	17,768	21	17,577	17,567	10
Lanao del Sur	49,520	49,520	..	35,590	35,590	..
Maguindanao	150,427	150,427	..	150,897	150,692	205
Sulu	757	757	..	750	750	..
Tawi-tawi	137	137	..	145	145	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2012			2013		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Carabao						
Central Visayas	170,886	170,330	556	172,662	172,144	518
Bohol	64,758	64,284	474	65,962	65,488	474
Cebu	47,327	47,296	31	46,909	46,909	..
Negros Oriental	58,006	57,955	51	58,985	58,941	44
Siquijor	795	795	..	806	806	..
Eastern Visayas	293,694	293,463	231	280,210	280,012	198
Biliran	4,192	4,192	..	4,096	4,096	..
Eastern Samar	28,984	28,984	..	25,124	25,124	..
Leyte	156,025	155,823	202	149,871	149,696	175
Northern Samar	44,674	44,674	..	45,680	45,680	..
Samar (Western Samar)	41,917	41,888	29	39,160	39,137	23
Southern Leyte	17,902	17,902	..	16,279	16,279	..
Zamboanga Peninsula	141,339	141,162	177	139,712	139,568	144
Zamboanga del Norte	64,546	64,424	122	64,466	64,329	137
Zamboanga del Sur	36,371	36,316	55	37,127	37,120	7
Zamboanga Sibugay	33,722	33,722	..	32,010	32,010	..
Zamboanga City	6,700	6,700	..	6,109	6,109	..
Northern Mindanao	127,778	127,040	738	126,739	126,023	716
Bukidnon	56,816	56,500	316	54,804	54,500	304
Camiguin	2,475	2,475	..	2,520	2,520	..
Lanao del Norte	33,988	33,566	422	35,312	34,900	412
Misamis Occidental	22,224	22,224	..	22,330	22,330	..
Misamis Oriental	12,275	12,275	..	11,773	11,773	..
Davao Region	166,513	166,361	152	162,009	161,865	144
Compostela Valley	26,620	26,582	38	25,531	25,490	41
Davao del Norte	25,267	25,210	57	24,740	24,700	40
Davao del Sur	46,250	46,212	38	43,907	43,867	40
Davao Oriental	34,430	34,411	19	33,068	33,045	23
Davao City	33,946	33,946	..	34,763	34,763	..
SOCCSKSARGEN	240,783	240,497	286	235,330	235,109	221
North Cotabato	92,065	91,810	255	90,010	89,824	186
Sarangani	30,600	30,600	..	29,800	29,800	..
South Cotabato	45,900	45,900	..	44,925	44,925	..
Sultan Kudarat	72,218	72,187	31	70,595	70,560	35
Caraga	83,336	83,286	50	80,762	80,720	42
Agusan del Norte	14,724	14,680	44	14,389	14,350	39
Agusan del Sur	30,262	30,256	6	29,878	29,875	3
Surigao del Norte	17,225	17,225	..	17,037	17,037	..
Surigao del Sur	19,580	19,580	..	17,925	17,925	..
Dinagat Islands	1,545	1,545	..	1,533	1,533	..
ARMM	168,430	168,422	8	147,038	147,028	10
Basilan	19,368	19,360	8	20,890	20,880	10
Lanao del Sur	27,500	27,500	..	23,578	23,578	..
Maguindanao	120,562	120,562	..	101,470	101,470	..
Sulu	831	831	..	891	891	..
Tawi-tawi	169	169	..	209	209	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2014			2015		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Carabao						
Central Visayas	174,501	173,953	548	177,952	177,403	549
Bohol	67,383	66,883	500	68,522	68,014	508
Cebu	47,098	47,098	..	47,722	47,722	..
Negros Oriental	59,199	59,151	48	60,864	60,823	41
Siquijor	821	821	..	844	844	..
Eastern Visayas	234,612	234,431	181	233,613	233,418	195
Biliran	4,320	4,320	..	4,414	4,414	..
Eastern Samar	20,160	20,160	..	19,175	19,175	..
Leyte	114,513	114,354	159	117,419	117,259	160
Northern Samar	46,825	46,825	..	46,640	46,640	..
Samar (Western Samar)	33,291	33,269	22	31,517	31,482	35
Southern Leyte	15,503	15,503	..	14,448	14,448	..
Zamboanga Peninsula	141,849	141,702	147	144,969	144,839	130
Zamboanga del Norte	63,265	63,125	140	62,707	62,582	125
Zamboanga del Sur	40,039	40,032	7	43,140	43,135	5
Zamboanga Sibugay	32,020	32,020	..	32,497	32,497	..
Zamboanga City	6,525	6,525	..	6,625	6,625	..
Northern Mindanao	123,997	123,310	687	125,189	124,492	697
Bukidnon	52,424	52,000	424	53,537	53,200	337
Camiguin	2,580	2,580	..	2,732	2,732	..
Lanao del Norte	36,113	35,850	263	37,225	36,865	360
Misamis Occidental	21,680	21,680	..	21,220	21,220	..
Misamis Oriental	11,200	11,200	..	10,475	10,475	..
Davao Region	162,621	162,484	137	162,801	162,651	150
Compostela Valley	25,925	25,892	33	26,576	26,543	33
Davao del Norte	23,681	23,639	42	22,117	22,075	42
Davao del Sur	41,666	41,625	41	42,376	42,325	51
Davao Oriental	34,532	34,511	21	34,224	34,200	24
Davao City	36,817	36,817	..	37,508	37,508	..
SOCCSKSARGEN	222,195	221,999	196	213,500	213,319	181
North Cotabato	79,704	79,544	160	74,144	74,004	140
Sarangani	28,600	28,600	..	27,300	27,300	..
South Cotabato	44,360	44,360	..	43,253	43,253	..
Sultan Kudarat	69,531	69,495	36	68,803	68,762	41
Caraga	79,756	79,707	49	80,159	80,099	60
Agusan del Norte	14,418	14,370	48	14,459	14,400	59
Agusan del Sur	29,881	29,880	1	30,321	30,320	1
Surigao del Norte	17,050	17,050	..	17,059	17,059	..
Surigao del Sur	16,895	16,895	..	16,820	16,820	..
Dinagat Islands	1,512	1,512	..	1,500	1,500	..
ARMM	128,798	128,785	13	125,769	125,752	17
Basilan	22,340	22,327	13	23,571	23,554	17
Lanao del Sur	21,477	21,477	..	18,470	18,470	..
Maguindanao	83,772	83,772	..	82,421	82,421	..
Sulu	936	936	..	957	957	..
Tawi-tawi	273	273	..	350	350	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2016			2017		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Carabao						
Central Visayas	181,531	181,011	520	183,676	183,113	563
Bohol	69,576	69,092	484	70,057	69,583	474
Cebu	48,414	48,414	..	49,213	49,213	..
Negros Oriental	62,664	62,628	36	63,474	63,385	89
Siquijor	877	877	..	932	932	..
Eastern Visayas	230,637	230,424	213	225,421	225,168	253
Biliran	4,820	4,820	..	4,905	4,905	..
Eastern Samar	19,527	19,527	..	19,858	19,858	..
Leyte	119,099	118,912	187	117,797	117,570	227
Northern Samar	42,124	42,124	..	40,255	40,255	..
Samar (Western Samar)	31,532	31,506	26	30,056	30,030	26
Southern Leyte	13,535	13,535	..	12,550	12,550	..
Zamboanga Peninsula	149,471	149,346	125	151,585	151,466	119
Zamboanga del Norte	62,790	62,675	115	64,567	64,456	111
Zamboanga del Sur	47,010	47,000	10	46,111	46,103	8
Zamboanga Sibugay	32,771	32,771	..	33,209	33,209	..
Zamboanga City	6,900	6,900	..	7,698	7,698	..
Northern Mindanao	125,772	125,138	634	124,501	123,832	669
Bukidnon	53,744	53,465	279	52,737	52,428	309
Camiguin	2,883	2,883	..	2,875	2,875	..
Lanao del Norte	37,515	37,160	355	37,687	37,327	360
Misamis Occidental	21,770	21,770	..	21,530	21,530	..
Misamis Oriental	9,860	9,860	..	9,672	9,672	..
Davao Region	162,219	162,056	163	160,519	160,368	151
Compostela Valley	27,172	27,135	37	28,248	28,220	28
Davao del Norte	20,021	19,955	66	18,683	18,633	50
Davao del Sur	43,507	43,463	44	41,776	41,720	56
Davao Oriental	32,824	32,808	16	33,170	33,153	17
Davao City	38,695	38,695	..	38,642	38,642	..
SOCCSKSARGEN	211,722	211,557	165	208,684	208,453	231
North Cotabato	72,021	71,899	122	70,278	70,123	155
Sarangani	26,800	26,800	..	25,700	25,700	..
South Cotabato	42,015	42,015	..	42,426	42,426	..
Sultan Kudarat	70,886	70,843	43	70,280	70,204	76
Caraga	80,117	80,063	54	81,487	81,428	59
Agusan del Norte	14,443	14,390	53	14,916	14,859	57
Agusan del Sur	30,301	30,300	1	30,364	30,362	2
Surigao del Norte	17,060	17,060	..	17,242	17,242	..
Surigao del Sur	16,830	16,830	..	17,466	17,466	..
Dinagat Islands	1,483	1,483	..	1,499	1,499	..
ARMM	127,670	127,670	..	123,969	123,969	..
Basilan	23,963	23,963	..	24,186	24,186	..
Lanao del Sur	18,395	18,395	..	15,936	15,936	..
Maguindanao	83,888	83,888	..	82,353	82,353	..
Sulu	980	980	..	1,012	1,012	..
Tawi-tawi	444	444	..	482	482	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2008			2009		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Cattle						
Philippines	**2,566,492**	**2,408,733**	**157,759**	**2,586,386**	**2,421,725**	**164,661**
NCR	..	..	..	..	..	..
CAR	55,472	47,154	8,318	53,469	45,673	7,796
Abra	17,260	16,896	364	17,217	16,812	405
Apayao	2,451	2,178	273	2,140	2,033	107
Benguet	11,736	11,619	117	10,625	10,546	79
Ifugao	11,395	5,226	6,169	11,999	6,067	5,932
Kalinga	2,390	1,445	945	1,965	1,043	922
Mountain Province	10,240	9,790	450	9,523	9,172	351
Ilocos Region	347,710	343,873	3,837	347,950	343,972	3,978
Ilocos Norte	78,612	76,499	2,113	72,927	70,982	1,945
Ilocos Sur	51,380	51,061	319	55,597	54,771	826
La Union	30,221	30,145	76	32,944	32,899	45
Pangasinan	187,497	186,168	1,329	186,482	185,320	1,162
Cagayan Valley	190,852	178,393	12,459	192,404	179,448	12,956
Batanes	..	..	..	..	..	..
Cagayan	34,034	31,160	2,874	37,096	34,287	2,809
Isabela	117,195	112,536	4,659	117,450	112,189	5,261
Nueva Vizcaya	24,013	19,792	4,221	22,119	17,850	4,269
Quirino	15,610	14,905	705	15,739	15,122	617
Central Luzon	171,243	146,251	24,992	172,243	149,909	22,334
Aurora	7,640	7,321	319	7,716	7,463	253
Bataan	10,159	8,501	1,658	10,421	8,749	1,672
Bulacan	6,807	6,615	192	8,054	7,900	154
Nueva Ecija	33,580	21,630	11,950	32,500	22,350	10,150
Pampanga	7,763	6,981	782	7,712	7,019	693
Tarlac	65,472	59,530	5,942	67,532	62,218	5,314
Zambales	39,822	35,673	4,149	38,308	34,210	4,098
CALABARZON	250,500	245,820	4,680	254,749	249,842	4,907
Batangas	128,487	127,087	1,400	130,161	128,696	1,465
Cavite	31,009	30,147	862	29,685	28,755	930
Laguna	33,201	32,746	455	36,606	36,343	263
Quezon	54,050	53,630	420	54,306	53,820	486
Rizal	3,753	2,210	1,543	3,991	2,228	1,763
MIMAROPA	102,422	92,587	9,835	94,488	84,421	10,067
Marinduque	11,027	10,056	971	7,503	6,432	1,071
Occidental Mindoro	19,954	16,793	3,161	18,001	14,802	3,199
Oriental Mindoro	31,556	29,719	1,837	30,627	28,783	1,844
Palawan	17,754	16,915	839	17,120	16,271	849
Romblon	22,131	19,104	3,027	21,237	18,133	3,104
Bicol Region	72,261	43,396	28,865	69,200	42,568	26,632
Albay	4,829	4,633	196	4,061	3,867	194
Camarines Norte	5,625	5,460	165	5,808	5,636	172
Camarines Sur	10,199	9,506	693	10,283	9,580	703
Catanduanes	2,767	2,539	228	3,330	3,078	252
Masbate	34,674	7,529	27,145	32,021	7,057	24,964
Sorsogon	14,167	13,729	438	13,697	13,350	347
Western Visayas	203,858	202,210	1,648	212,634	210,965	1,669
Aklan	32,455	32,455	..	31,900	31,900	..
Antique	37,290	37,290	..	36,258	36,258	..
Capiz	16,770	16,604	166	19,419	19,244	175
Guimaras	15,552	15,301	251	15,913	15,636	277
Iloilo	71,611	71,430	181	77,324	77,134	190
Negros Occidental	30,180	29,130	1,050	31,820	30,793	1,027

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2010			2011		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Cattle						
Philippines	**2,570,879**	**2,403,296**	**167,583**	**2,518,407**	**2,343,975**	**174,432**
NCR	..	..	..	..	..	..
CAR	53,483	45,778	7,705	57,235	49,932	7,303
Abra	18,758	18,328	430	18,430	17,970	460
Apayao	2,025	1,904	121	2,083	1,983	100
Benguet	8,674	8,615	59	8,844	8,804	40
Ifugao	11,948	6,260	5,688	10,918	6,355	4,563
Kalinga	2,573	1,498	1,075	7,814	6,411	1,403
Mountain Province	9,505	9,173	332	9,146	8,409	737
Ilocos Region	317,073	313,269	3,804	291,442	287,559	3,883
Ilocos Norte	68,364	66,674	1,690	66,910	65,890	1,020
Ilocos Sur	56,931	55,875	1,056	54,999	53,508	1,491
La Union	33,065	33,000	65	30,838	30,800	38
Pangasinan	158,713	157,720	993	138,695	137,361	1,334
Cagayan Valley	197,541	180,111	17,430	191,660	166,343	25,317
Batanes	..	..	..	..	..	..
Cagayan	40,619	34,160	6,459	36,872	28,742	8,130
Isabela	118,052	112,092	5,960	116,309	104,346	11,963
Nueva Vizcaya	22,452	17,930	4,522	22,829	18,156	4,673
Quirino	16,418	15,929	489	15,650	15,099	551
Central Luzon	173,144	153,260	19,884	171,313	151,571	19,742
Aurora	7,468	7,370	98	7,420	7,336	84
Bataan	10,911	9,198	1,713	13,575	11,923	1,652
Bulacan	6,197	6,106	91	15,937	14,292	1,645
Nueva Ecija	32,895	23,640	9,255	32,048	23,980	8,068
Pampanga	7,364	6,752	612	6,839	6,208	631
Tarlac	70,776	65,928	4,848	62,572	58,192	4,380
Zambales	37,533	34,266	3,267	32,922	29,640	3,282
CALABARZON	255,253	249,864	5,389	250,927	243,438	7,489
Batangas	130,325	128,750	1,575	127,384	125,798	1,586
Cavite	29,276	28,230	1,046	26,494	25,294	1,200
Laguna	36,836	36,580	256	39,850	37,530	2,320
Quezon	54,600	54,000	600	52,747	52,100	647
Rizal	4,216	2,304	1,912	4,452	2,716	1,736
MIMAROPA	87,144	77,273	9,871	90,267	78,762	11,505
Marinduque	2,946	2,102	844	2,638	2,110	528
Occidental Mindoro	16,294	12,978	3,316	16,745	12,674	4,071
Oriental Mindoro	30,221	28,416	1,805	30,165	28,516	1,649
Palawan	17,353	16,482	871	22,038	19,780	2,258
Romblon	20,330	17,295	3,035	18,681	15,682	2,999
Bicol Region	68,759	42,110	26,649	73,779	42,285	31,494
Albay	3,416	3,227	189	3,251	2,964	287
Camarines Norte	5,999	5,829	170	5,801	5,720	81
Camarines Sur	10,068	9,358	710	12,275	11,557	718
Catanduanes	3,645	3,465	180	2,981	2,819	162
Masbate	31,474	6,501	24,973	37,270	7,495	29,775
Sorsogon	14,157	13,730	427	12,201	11,730	471
Western Visayas	225,383	221,318	4,065	243,334	239,730	3,604
Aklan	32,283	32,208	75	28,793	28,724	69
Antique	39,970	38,197	1,773	48,677	47,012	1,665
Capiz	21,735	21,561	174	21,846	21,740	106
Guimaras	16,570	16,360	210	15,890	15,692	198
Iloilo	80,550	79,761	789	79,449	78,793	656
Negros Occidental	34,275	33,231	1,044	48,679	47,769	910

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2012			2013		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Cattle						
Philippines	**2,493,157**	**2,321,655**	**171,502**	**2,497,908**	**2,323,361**	**174,547**
NCR	..	..	..	..	..	..
CAR	57,574	49,056	8,518	57,078	49,386	7,692
Abra	18,894	18,479	415	19,108	18,751	357
Apayao	2,409	2,294	115	2,385	2,339	46
Benguet	7,460	7,420	40	6,885	6,856	29
Ifugao	10,936	6,371	4,565	10,847	6,405	4,442
Kalinga	8,777	6,187	2,590	8,785	6,767	2,018
Mountain Province	9,098	8,305	793	9,068	8,268	800
Ilocos Region	286,449	282,977	3,472	292,545	289,327	3,218
Ilocos Norte	66,600	65,850	750	71,016	70,520	496
Ilocos Sur	54,455	53,115	1,340	54,821	53,443	1,378
La Union	30,971	30,939	32	32,220	32,200	20
Pangasinan	134,423	133,073	1,350	134,488	133,164	1,324
Cagayan Valley	182,196	155,731	26,465	177,152	150,207	26,945
Batanes	..	..	..	..	..	..
Cagayan	33,426	25,335	8,091	31,400	23,171	8,229
Isabela	111,874	98,851	13,023	109,912	96,014	13,898
Nueva Vizcaya	22,060	17,327	4,733	21,862	17,742	4,120
Quirino	14,836	14,218	618	13,978	13,280	698
Central Luzon	171,821	152,336	19,485	175,870	155,858	20,012
Aurora	7,205	7,068	137	7,353	7,194	159
Bataan	15,876	14,267	1,609	18,705	17,178	1,527
Bulacan	15,357	13,330	2,027	15,829	13,344	2,485
Nueva Ecija	32,160	24,370	7,790	31,935	24,350	7,585
Pampanga	6,589	5,931	658	6,622	5,937	685
Tarlac	62,060	58,086	3,974	63,331	58,770	4,561
Zambales	32,574	29,284	3,290	32,095	29,085	3,010
CALABARZON	251,744	244,416	7,328	253,376	245,993	7,383
Batangas	127,414	125,812	1,602	127,765	126,290	1,475
Cavite	25,912	24,544	1,368	26,021	24,584	1,437
Laguna	39,874	37,601	2,273	40,316	38,032	2,284
Quezon	53,550	52,900	650	53,706	53,000	706
Rizal	4,994	3,559	1,435	5,568	4,087	1,481
MIMAROPA	91,265	79,779	11,486	92,819	80,592	12,227
Marinduque	2,378	2,131	247	2,525	2,289	236
Occidental Mindoro	17,784	13,482	4,302	18,241	13,252	4,989
Oriental Mindoro	30,087	28,412	1,675	30,371	28,652	1,719
Palawan	22,348	20,186	2,162	22,816	20,743	2,073
Romblon	18,668	15,568	3,100	18,866	15,656	3,210
Bicol Region	81,233	48,900	32,333	91,254	58,509	32,745
Albay	3,612	3,272	340	4,201	3,872	329
Camarines Norte	5,726	5,650	76	5,745	5,683	62
Camarines Sur	16,280	15,500	780	21,192	20,436	756
Catanduanes	1,375	1,273	102	1,386	1,298	88
Masbate	40,030	9,523	30,507	42,932	11,952	30,980
Sorsogon	14,210	13,682	528	15,798	15,268	530
Western Visayas	253,458	249,672	3,786	254,573	250,759	3,814
Aklan	28,288	28,127	161	27,980	27,773	207
Antique	56,487	54,613	1,874	58,384	56,558	1,826
Capiz	23,851	23,754	97	24,472	24,375	97
Guimaras	15,307	15,168	139	15,905	15,748	157
Iloilo	79,992	79,395	597	78,196	77,593	603
Negros Occidental	49,533	48,615	918	49,636	48,712	924

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2014			2015		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Cattle						
Philippines	**2,512,184**	**2,341,837**	**170,347**	**2,534,243**	**2,367,997**	**166,246**
NCR	..	..	..	..	..	..
CAR	58,041	50,365	7,676	59,856	52,157	7,699
Abra	20,197	19,837	360	20,911	20,574	337
Apayao	2,574	2,541	33	2,922	2,884	38
Benguet	6,548	6,510	38	6,370	6,340	30
Ifugao	10,849	6,267	4,582	11,822	6,850	4,972
Kalinga	8,690	6,817	1,873	9,022	7,251	1,771
Mountain Province	9,183	8,393	790	8,809	8,258	551
Ilocos Region	291,347	287,964	3,383	297,743	294,704	3,039
Ilocos Norte	70,466	69,825	641	71,598	70,928	670
Ilocos Sur	55,507	54,060	1,447	56,223	55,043	1,180
La Union	32,094	32,079	15	32,684	32,663	21
Pangasinan	133,280	132,000	1,280	137,238	136,070	1,168
Cagayan Valley	180,865	154,846	26,019	182,125	155,929	26,196
Batanes	5,860	4,745	1,115	6,342	5,042	1,300
Cagayan	29,342	22,789	6,553	28,630	22,850	5,780
Isabela	109,514	96,040	13,474	111,806	98,013	13,793
Nueva Vizcaya	22,173	17,952	4,221	21,797	16,999	4,798
Quirino	13,976	13,320	656	13,550	13,025	525
Central Luzon	179,655	159,666	19,989	186,441	166,233	20,208
Aurora	7,703	7,571	132	9,213	9,099	114
Bataan	19,906	18,458	1,448	20,924	19,466	1,458
Bulacan	16,255	13,586	2,669	16,160	13,500	2,660
Nueva Ecija	31,464	24,084	7,380	31,837	24,297	7,540
Pampanga	6,653	5,943	710	6,683	5,875	808
Tarlac	66,028	61,366	4,662	70,515	65,771	4,744
Zambales	31,646	28,658	2,988	31,109	28,225	2,884
CALABARZON	259,110	251,251	7,859	264,175	254,901	9,274
Batangas	131,122	129,502	1,620	133,150	130,150	3,000
Cavite	26,130	24,624	1,506	26,050	24,550	1,500
Laguna	40,885	38,525	2,360	41,559	39,296	2,263
Quezon	54,673	53,800	873	56,161	55,198	963
Rizal	6,300	4,800	1,500	7,255	5,707	1,548
MIMAROPA	93,307	81,903	11,404	92,690	82,152	10,538
Marinduque	2,930	2,685	245	3,273	3,066	207
Occidental Mindoro	17,797	13,158	4,639	17,033	12,741	4,292
Oriental Mindoro	31,253	29,496	1,757	30,915	29,178	1,737
Palawan	22,779	20,749	2,030	23,188	21,206	1,982
Romblon	18,548	15,815	2,733	18,281	15,961	2,320
Bicol Region	96,300	63,203	33,097	102,659	70,188	32,471
Albay	4,939	4,549	390	5,916	5,515	401
Camarines Norte	6,050	5,990	60	6,175	6,111	64
Camarines Sur	22,133	21,391	742	25,385	24,891	494
Catanduanes	1,362	1,292	70	1,401	1,320	81
Masbate	45,021	13,716	31,305	48,032	17,049	30,983
Sorsogon	16,795	16,265	530	15,750	15,302	448
Western Visayas	254,131	250,154	3,977	250,603	246,418	4,185
Aklan	28,061	27,877	184	26,808	26,635	173
Antique	57,831	56,119	1,712	58,648	56,744	1,904
Capiz	24,727	24,634	93	24,544	24,470	74
Guimaras	17,009	16,869	140	17,499	17,347	152
Iloilo	76,365	75,790	575	73,615	73,070	545
Negros Occidental	50,138	48,865	1,273	49,489	48,152	1,337

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2016			2017		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Cattle						
Philippines	**2,553,747**	**2,390,658**	**163,089**	**2,547,614**	**2,389,191**	**158,423**
NCR	..	..	..	..	..	..
CAR	60,364	53,150	7,214	59,213	51,717	7,496
Abra	21,631	21,300	331	20,954	20,715	239
Apayao	2,974	2,928	46	3,014	2,936	78
Benguet	6,238	6,213	25	5,994	5,976	18
Ifugao	11,670	6,900	4,770	11,248	6,558	4,690
Kalinga	9,747	8,040	1,707	10,236	8,170	2,066
Mountain Province	8,104	7,769	335	7,767	7,362	405
Ilocos Region	301,578	299,058	2,520	300,323	297,832	2,491
Ilocos Norte	72,526	72,110	416	71,272	70,873	399
Ilocos Sur	57,161	56,020	1,141	56,867	55,726	1,141
La Union	35,597	35,580	17	37,052	37,031	21
Pangasinan	136,294	135,348	946	135,132	134,202	930
Cagayan Valley	184,173	157,019	27,154	181,628	153,900	27,728
Batanes	6,766	5,269	1,497	7,029	5,470	1,559
Cagayan	28,112	22,288	5,824	26,907	21,156	5,751
Isabela	115,093	100,691	14,402	115,736	100,657	15,079
Nueva Vizcaya	21,016	16,120	4,896	19,634	14,836	4,798
Quirino	13,186	12,651	535	12,322	11,781	541
Central Luzon	192,997	172,909	20,088	198,760	179,812	18,948
Aurora	12,477	12,400	77	14,467	14,431	36
Bataan	21,059	19,644	1,415	21,540	20,122	1,418
Bulacan	17,089	14,334	2,755	17,501	14,360	3,141
Nueva Ecija	30,666	23,212	7,454	29,882	23,010	6,872
Pampanga	6,803	6,005	798	5,299	5,045	254
Tarlac	73,772	69,057	4,715	75,993	71,391	4,602
Zambales	31,131	28,257	2,874	34,078	31,453	2,625
CALABARZON	267,663	258,653	9,010	271,948	262,822	9,126
Batangas	135,538	132,288	3,250	136,768	133,484	3,284
Cavite	25,910	24,560	1,350	25,544	24,462	1,082
Laguna	41,928	40,105	1,823	41,679	40,100	1,579
Quezon	55,737	54,980	757	58,022	56,641	1,381
Rizal	8,550	6,720	1,830	9,935	8,135	1,800
MIMAROPA	93,687	83,256	10,431	93,169	83,100	10,069
Marinduque	4,060	3,850	210	4,402	4,251	151
Occidental Mindoro	18,274	13,970	4,304	18,441	14,155	4,286
Oriental Mindoro	28,953	27,288	1,665	27,534	25,915	1,619
Palawan	24,266	22,330	1,936	24,715	22,550	2,165
Romblon	18,134	15,818	2,316	18,077	16,229	1,848
Bicol Region	108,043	74,854	33,189	111,792	77,560	34,232
Albay	6,792	6,339	453	7,320	6,830	490
Camarines Norte	6,270	6,200	70	6,372	6,298	74
Camarines Sur	25,387	24,986	401	25,787	25,343	444
Catanduanes	1,541	1,470	71	1,685	1,592	93
Masbate	51,650	19,932	31,718	54,741	22,080	32,661
Sorsogon	16,403	15,927	476	15,887	15,417	470
Western Visayas	249,446	245,160	4,286	247,817	244,173	3,644
Aklan	25,121	24,948	173	24,409	24,178	231
Antique	59,090	57,114	1,976	58,865	57,515	1,350
Capiz	23,776	23,700	76	23,414	23,350	64
Guimaras	18,095	17,942	153	16,388	16,228	160
Iloilo	74,058	73,527	531	75,370	74,895	475
Negros Occidental	49,306	47,929	1,377	49,371	48,007	1,364

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2008			2009		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Cattle						
Central Visayas	270,879	268,523	2,356	269,306	267,054	2,252
Bohol	69,715	68,928	787	69,861	69,081	780
Cebu	115,320	114,708	612	113,946	113,456	490
Negros Oriental	64,872	63,915	957	64,517	63,535	982
Siquijor	20,972	20,972	..	20,982	20,982	..
Eastern Visayas	20,353	14,685	5,668	17,799	12,929	4,870
Biliran	1,031	1,014	17	937	915	22
Eastern Samar	5,167	5,136	31	4,985	4,950	35
Leyte	9,064	3,518	5,546	6,718	1,992	4,726
Northern Samar	1,342	1,342	..	2,046	2,014	32
Samar (Western Samar)	549	475	74	595	540	55
Southern Leyte	3,200	3,200	..	2,518	2,518	..
Zamboanga Peninsula	155,324	154,830	494	160,970	160,577	393
Zamboanga del Norte	55,779	55,554	225	68,815	68,675	140
Zamboanga del Sur	59,268	59,118	150	53,823	53,758	65
Zamboanga Sibugay	28,629	28,629	..	27,462	27,462	..
Zamboanga City	11,648	11,529	119	10,870	10,682	188
Northern Mindanao	267,835	251,846	15,989	277,784	248,628	29,156
Bukidnon	87,775	74,809	12,966	98,424	72,365	26,059
Camiguin	7,492	7,450	42	7,460	7,460	..
Lanao del Norte	36,994	35,790	1,204	37,689	36,344	1,345
Misamis Occidental	51,830	51,830	..	51,953	51,953	..
Misamis Oriental	83,744	81,967	1,777	82,258	80,506	1,752
Davao Region	139,474	133,234	6,240	138,179	132,154	6,025
Compostela Valley	6,341	6,310	31	6,410	6,379	31
Davao del Norte	10,940	9,710	1,230	11,078	9,829	1,249
Davao del Sur	53,638	52,440	1,198	49,315	48,133	1,182
Davao Oriental	22,129	20,292	1,837	25,375	23,497	1,878
Davao City	46,426	44,482	1,944	46,001	44,316	1,685
SOCCSKSARGEN	198,036	167,425	30,611	199,045	169,113	29,932
North Cotabato	58,348	57,059	1,289	60,543	59,418	1,125
Sarangani	11,566	9,382	2,184	11,720	9,560	2,160
South Cotabato	88,122	62,884	25,238	85,398	60,851	24,547
Sultan Kudarat	40,000	38,100	1,900	41,384	39,284	2,100
Caraga	15,677	15,001	676	16,522	15,875	647
Agusan del Norte	7,471	7,184	287	7,593	7,295	298
Agusan del Sur	4,220	3,910	310	4,556	4,280	276
Surigao del Norte	2,193	2,193	..	2,400	2,400	..
Surigao del Sur	1,793	1,714	79	1,973	1,900	73
Dinagat Islands	..	..	..	..	..	..
ARMM	104,596	103,505	1,091	109,644	108,597	1,047
Basilan	5,554	5,410	144	13,675	13,530	145
Lanao del Sur	44,962	44,052	910	44,954	44,052	902
Maguindanao	41,937	41,900	37	37,989	37,989	..
Sulu	9,745	9,745	..	10,367	10,367	..
Tawi-tawi	2,398	2,398	..	2,659	2,659	..

.. Data not available

[1]Inventory as of 01 January

Western Visayas data includes Negros Occi

Central Visayas data includes Negros Orient

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2010			2011		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Cattle						
Central Visayas	275,207	273,439	1,768	273,311	270,470	2,841
Bohol	70,896	70,225	671	72,785	71,714	1,071
Cebu	117,220	116,870	350	112,826	112,116	710
Negros Oriental	65,546	64,799	747	66,687	65,627	1,060
Siquijor	21,545	21,545	..	21,013	21,013	..
Eastern Visayas	15,349	11,302	4,047	14,671	12,249	2,422
Biliran	1,020	1,020	..	1,310	1,271	39
Eastern Samar	4,501	4,471	30	3,970	3,950	20
Leyte	5,179	1,209	3,970	3,439	1,340	2,099
Northern Samar	1,918	1,918	..	2,573	2,573	..
Samar (Western Samar)	637	590	47	805	753	52
Southern Leyte	2,094	2,094	..	2,574	2,362	212
Zamboanga Peninsula	155,994	155,633	361	140,079	139,393	686
Zamboanga del Norte	67,391	67,255	136	57,389	57,308	81
Zamboanga del Sur	50,897	50,855	42	50,150	49,830	320
Zamboanga Sibugay	27,615	27,615	..	22,105	22,105	..
Zamboanga City	10,091	9,908	183	10,435	10,150	285
Northern Mindanao	281,442	252,360	29,082	278,426	252,650	25,776
Bukidnon	98,500	73,000	25,500	97,891	76,066	21,825
Camiguin	7,350	7,350	..	6,965	6,965	..
Lanao del Norte	36,680	34,980	1,700	38,187	36,360	1,827
Misamis Occidental	52,500	52,500	..	49,200	49,200	..
Misamis Oriental	86,412	84,530	1,882	86,183	84,059	2,124
Davao Region	140,144	134,601	5,543	138,175	132,858	5,317
Compostela Valley	6,466	6,436	30	6,820	6,782	38
Davao del Norte	10,886	9,785	1,101	11,819	10,680	1,139
Davao del Sur	53,440	52,249	1,191	53,345	52,298	1,047
Davao Oriental	25,016	23,160	1,856	24,875	23,151	1,724
Davao City	44,336	42,971	1,365	41,316	39,947	1,369
SOCCSKSARGEN	203,105	172,832	30,273	195,727	170,664	25,063
North Cotabato	62,910	61,863	1,047	65,931	64,547	1,384
Sarangani	11,370	9,480	1,890	11,565	9,190	2,375
South Cotabato	85,625	60,661	24,964	78,307	57,947	20,360
Sultan Kudarat	43,200	40,828	2,372	39,924	38,980	944
Caraga	18,097	17,421	676	18,828	18,020	808
Agusan del Norte	8,026	7,686	340	8,644	8,180	464
Agusan del Sur	5,217	4,950	267	4,934	4,620	314
Surigao del Norte	2,328	2,328	..	2,316	2,300	16
Surigao del Sur	2,279	2,210	69	2,682	2,668	14
Dinagat Islands	247	247	..	252	252	..
ARMM	103,761	102,725	1,036	89,233	88,051	1,182
Basilan	14,949	14,806	143	14,174	14,084	90
Lanao del Sur	40,982	40,089	893	28,078	26,986	1,092
Maguindanao	34,963	34,963	..	29,116	29,116	..
Sulu	10,542	10,542	..	15,682	15,682	..
Tawi-tawi	2,325	2,325	..	2,183	2,183	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2012			2013		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Cattle						
Central Visayas	273,562	270,175	3,387	272,307	269,034	3,273
Bohol	73,214	71,924	1,290	73,846	72,657	1,189
Cebu	113,736	112,980	756	113,013	112,264	749
Negros Oriental	66,601	65,260	1,341	65,512	64,177	1,335
Siquijor	20,011	20,011	..	19,936	19,936	..
Eastern Visayas	20,843	17,929	2,914	22,600	18,991	3,609
Biliran	1,590	1,554	36	1,689	1,650	39
Eastern Samar	2,920	2,900	20	2,672	2,652	20
Leyte	9,284	6,715	2,569	10,902	7,607	3,295
Northern Samar	2,966	2,926	40	3,196	3,148	48
Samar (Western Samar)	804	752	52	787	740	47
Southern Leyte	3,279	3,082	197	3,354	3,194	160
Zamboanga Peninsula	129,675	128,853	822	119,785	118,995	790
Zamboanga del Norte	53,060	52,884	176	50,143	50,017	126
Zamboanga del Sur	45,324	45,130	194	39,195	38,930	265
Zamboanga Sibugay	20,615	20,615	..	19,790	19,790	..
Zamboanga City	10,676	10,224	452	10,657	10,258	399
Northern Mindanao	272,711	249,745	22,966	271,700	248,152	23,548
Bukidnon	97,400	77,900	19,500	96,450	76,850	19,600
Camiguin	7,030	7,030	..	6,770	6,770	..
Lanao del Norte	40,240	38,700	1,540	43,378	41,200	2,178
Misamis Occidental	44,290	44,290	..	42,832	42,832	..
Misamis Oriental	83,751	81,825	1,926	82,270	80,500	1,770
Davao Region	136,540	131,558	4,982	134,455	129,646	4,809
Compostela Valley	7,103	7,061	42	7,260	7,017	243
Davao del Norte	14,336	13,130	1,206	14,402	13,400	1,002
Davao del Sur	50,303	49,343	960	49,234	48,074	1,160
Davao Oriental	25,745	23,920	1,825	25,979	24,672	1,307
Davao City	39,053	38,104	949	37,580	36,483	1,097
SOCCSKSARGEN	192,356	171,085	21,271	192,808	170,449	22,359
North Cotabato	69,546	68,309	1,237	71,235	69,991	1,244
Sarangani	11,120	8,850	2,270	11,092	8,900	2,192
South Cotabato	75,206	57,796	17,410	74,614	55,946	18,668
Sultan Kudarat	36,484	36,130	354	35,867	35,612	255
Caraga	19,034	18,319	715	20,312	19,609	703
Agusan del Norte	8,426	8,020	406	9,283	8,882	401
Agusan del Sur	4,959	4,685	274	5,294	5,025	269
Surigao del Norte	2,369	2,354	15	2,465	2,450	15
Surigao del Sur	3,030	3,010	20	3,018	3,000	18
Dinagat Islands	250	250	..	252	252	..
ARMM	72,696	71,124	1,572	69,274	67,854	1,420
Basilan	14,567	14,520	47	15,706	15,660	46
Lanao del Sur	19,914	19,214	700	18,525	18,000	525
Maguindanao	20,115	20,013	102	15,776	15,632	144
Sulu	15,400	15,400	..	16,373	16,373	..
Tawi-tawi	2,700	1,977	723	2,894	2,189	705

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2014			2015		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Cattle						
Central Visayas	274,280	271,244	3,036	273,132	270,125	3,007
Bohol	75,693	74,527	1,166	74,249	73,138	1,111
Cebu	113,106	112,525	581	113,360	112,648	712
Negros Oriental	66,007	64,718	1,289	66,369	65,185	1,184
Siquijor	19,474	19,474	..	19,154	19,154	..
Eastern Visayas	22,225	18,538	3,687	20,765	18,144	2,621
Biliran	1,541	1,501	40	1,547	1,508	39
Eastern Samar	2,119	2,105	14	1,769	1,746	23
Leyte	10,817	7,564	3,253	9,617	7,394	2,223
Northern Samar	3,413	3,270	143	3,509	3,359	150
Samar (Western Samar)	753	702	51	767	709	58
Southern Leyte	3,582	3,396	186	3,556	3,428	128
Zamboanga Peninsula	117,938	117,138	800	115,601	114,860	741
Zamboanga del Norte	51,829	51,724	105	52,851	52,747	104
Zamboanga del Sur	35,562	35,283	279	32,088	31,891	197
Zamboanga Sibugay	19,750	19,750	..	19,679	19,679	..
Zamboanga City	10,797	10,381	416	10,983	10,543	440
Northern Mindanao	269,687	247,985	21,702	267,646	248,554	19,092
Bukidnon	94,750	76,500	18,250	94,950	78,500	16,450
Camiguin	6,883	6,855	28	7,340	7,298	42
Lanao del Norte	44,567	43,150	1,417	45,990	45,220	770
Misamis Occidental	40,630	40,630	..	37,841	37,841	..
Misamis Oriental	82,857	80,850	2,007	81,525	79,695	1,830
Davao Region	135,654	131,553	4,101	136,701	132,496	4,205
Compostela Valley	7,539	7,266	273	7,881	7,542	339
Davao del Norte	14,097	13,340	757	14,012	13,300	712
Davao del Sur	51,262	50,071	1,191	52,417	51,100	1,317
Davao Oriental	26,884	25,631	1,253	26,974	25,820	1,154
Davao City	35,872	35,245	627	35,417	34,734	683
SOCCSKSARGEN	194,345	172,742	21,603	196,413	175,412	21,001
North Cotabato	72,746	71,559	1,187	75,957	74,811	1,146
Sarangani	10,690	9,100	1,590	10,529	9,000	1,529
South Cotabato	74,931	56,283	18,648	73,285	55,129	18,156
Sultan Kudarat	35,978	35,800	178	36,642	36,472	170
Caraga	20,159	19,543	616	19,621	19,071	550
Agusan del Norte	9,080	8,734	346	8,756	8,430	326
Agusan del Sur	5,359	5,100	259	5,297	5,099	198
Surigao del Norte	2,471	2,460	11	2,384	2,369	15
Surigao del Sur	2,994	2,994	..	2,938	2,927	11
Dinagat Islands	255	255	..	246	246	..
ARMM	65,140	63,742	1,398	68,072	66,653	1,419
Basilan	17,054	17,011	43	19,552	19,552	..
Lanao del Sur	15,694	15,200	494	16,397	15,932	465
Maguindanao	10,985	10,862	123	8,936	8,804	132
Sulu	18,400	18,400	..	20,000	20,000	..
Tawi-tawi	3,007	2,269	738	3,187	2,365	822

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2016			2017		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Cattle						
Central Visayas	274,265	271,276	2,989	275,012	271,954	3,058
Bohol	73,476	72,349	1,127	74,236	72,923	1,313
Cebu	114,108	113,353	755	116,019	115,310	709
Negros Oriental	67,087	65,980	1,107	65,103	64,067	1,036
Siquijor	19,594	19,594	..	19,654	19,654	..
Eastern Visayas	21,565	19,077	2,488	22,027	19,606	2,421
Biliran	1,632	1,590	42	1,740	1,695	45
Eastern Samar	1,687	1,659	28	1,698	1,698	..
Leyte	10,096	8,100	1,996	10,150	8,140	2,010
Northern Samar	3,470	3,282	188	3,515	3,291	224
Samar (Western Samar)	1,117	1,072	45	1,290	1,264	26
Southern Leyte	3,563	3,374	189	3,634	3,518	116
Zamboanga Peninsula	113,068	112,123	945	112,816	111,963	853
Zamboanga del Norte	54,340	54,245	95	54,005	53,904	101
Zamboanga del Sur	27,866	27,571	295	26,790	26,537	253
Zamboanga Sibugay	19,657	19,657	..	19,806	19,806	..
Zamboanga City	11,205	10,650	555	12,215	11,716	499
Northern Mindanao	259,759	243,430	16,329	240,859	226,796	14,063
Bukidnon	88,394	74,547	13,847	80,600	69,100	11,500
Camiguin	6,944	6,872	72	6,467	6,372	95
Lanao del Norte	45,691	44,896	795	45,654	44,844	810
Misamis Occidental	36,994	36,994	..	35,990	35,990	..
Misamis Oriental	81,736	80,121	1,615	72,148	70,490	1,658
Davao Region	139,078	134,640	4,438	139,802	134,593	5,209
Compostela Valley	7,636	7,548	88	7,468	7,375	93
Davao del Norte	13,898	13,324	574	14,144	13,504	640
Davao del Sur	53,987	52,570	1,417	54,297	52,250	2,047
Davao Oriental	27,682	26,104	1,578	27,575	26,090	1,485
Davao City	35,875	35,094	781	36,318	35,374	944
SOCCSKSARGEN	197,995	178,211	19,784	203,687	185,708	17,979
North Cotabato	78,071	76,835	1,236	81,365	80,114	1,251
Sarangani	10,581	9,100	1,481	10,594	9,360	1,234
South Cotabato	71,201	54,320	16,881	70,712	55,547	15,165
Sultan Kudarat	38,142	37,956	186	41,016	40,687	329
Caraga	19,337	18,841	496	18,818	18,334	484
Agusan del Norte	8,723	8,410	313	8,410	8,160	250
Agusan del Sur	5,032	4,875	157	5,109	4,905	204
Surigao del Norte	2,395	2,380	15	2,377	2,360	17
Surigao del Sur	2,939	2,928	11	2,672	2,659	13
Dinagat Islands	248	248	..	250	250	..
ARMM	70,729	69,001	1,728	69,943	69,321	622
Basilan	19,606	19,606	..	18,286	18,286	..
Lanao del Sur	18,032	17,470	562	19,398	18,895	503
Maguindanao	7,971	7,350	621	6,358	6,358	..
Sulu	21,990	21,990	..	23,000	23,000	..
Tawi-tawi	3,130	2,585	545	2,901	2,782	119

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2008			2009		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Goat						
Philippines	**158,423**	**4,135,744**	**38,507**	**4,222,234**	**4,178,607**	**43,627**
NCR	..	..	..	..	..	..
CAR	7,496	60,908	72	62,478	62,405	73
Abra	239	44,523	..	43,851	43,851	..
Apayao	78	2,722	..	2,957	2,957	..
Benguet	18	3,977	..	4,288	4,288	..
Ifugao	4,690	5,109	72	6,173	6,100	73
Kalinga	2,066	3,927	..	4,434	4,434	..
Mountain Province	405	650	..	775	775	..
Ilocos Region	2,491	536,380	2,721	527,761	524,453	3,308
Ilocos Norte	399	73,616	239	62,925	62,680	245
Ilocos Sur	1,141	96,020	205	96,975	96,630	345
La Union	21	72,934	79	70,505	70,294	211
Pangasinan	930	293,810	2,198	297,356	294,849	2,507
Cagayan Valley	27,728	130,263	3,072	137,453	135,204	2,249
Batanes	1,559	..	..	..	..	..
Cagayan	5,751	46,585	403	49,291	48,820	471
Isabela	15,079	39,911	1,476	45,111	43,692	1,419
Nueva Vizcaya	4,798	20,745	976	22,239	22,041	198
Quirino	541	23,022	217	20,812	20,651	161
Central Luzon	18,948	307,316	3,027	321,286	318,345	2,941
Aurora	36	17,992	101	18,307	18,228	79
Bataan	1,418	8,885	..	12,170	12,170	..
Bulacan	3,141	14,469	..	16,156	16,156	..
Nueva Ecija	6,872	78,900	2,150	82,600	80,500	2,100
Pampanga	254	8,263	164	8,079	7,928	151
Tarlac	4,602	114,493	362	120,011	119,672	339
Zambales	2,625	64,314	250	63,963	63,691	272
CALABARZON	9,126	210,585	3,626	222,857	219,108	3,749
Batangas	3,284	113,384	..	117,236	117,236	..
Cavite	1,082	14,682	1,286	16,260	14,930	1,330
Laguna	1,579	16,937	794	18,074	17,221	853
Quezon	1,381	63,800	1,274	68,925	67,700	1,225
Rizal	1,800	1,782	272	2,362	2,021	341
MIMAROPA	10,069	165,180	494	168,396	167,903	493
Marinduque	151	10,989	..	9,078	9,078	..
Occidental Mindoro	4,286	45,730	259	50,703	50,457	246
Oriental Mindoro	1,619	38,246	235	37,694	37,447	247
Palawan	2,165	45,936	..	48,334	48,334	..
Romblon	1,848	24,279	..	22,587	22,587	..
Bicol Region	34,232	114,047	592	121,573	121,006	567
Albay	490	16,675	..	18,380	18,380	..
Camarines Norte	74	6,930	..	7,314	7,314	..
Camarines Sur	444	36,069	359	39,595	39,285	310
Catanduanes	93	1,776	..	1,897	1,897	..
Masbate	32,661	47,397	192	48,642	48,430	212
Sorsogon	470	5,200	41	5,745	5,700	45
Western Visayas	3,644	604,458	5,023	606,039	600,721	5,318
Aklan	231	24,875	..	20,287	20,287	..
Antique	1,350	36,208	1,409	38,090	36,828	1,262
Capiz	64	46,397	32	48,029	47,988	41
Guimaras	160	38,762	58	40,654	40,595	59
Iloilo	475	249,166	684	251,501	250,818	683
Negros Occidental	1,364	209,050	2,840	207,478	204,205	3,273

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2010			2011		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Goat						
Philippines	**4,177,721**	**4,131,415**	**46,306**	**3,881,503**	**3,817,848**	**63,655**
NCR	..	..	..	..	..	..
CAR	64,659	64,584	75	67,008	66,946	62
Abra	45,117	45,117	..	45,506	45,506	..
Apayao	2,785	2,785	..	3,305	3,305	..
Benguet	4,034	4,034	..	4,840	4,840	..
Ifugao	6,903	6,828	75	7,305	7,243	62
Kalinga	5,129	5,129	..	5,199	5,199	..
Mountain Province	691	691	..	853	853	..
Ilocos Region	494,057	489,318	4,739	420,639	414,119	6,520
Ilocos Norte	65,353	64,514	839	65,757	64,637	1,120
Ilocos Sur	100,623	99,360	1,263	75,876	73,469	2,407
La Union	60,504	60,254	250	60,489	60,330	159
Pangasinan	267,577	265,190	2,387	218,517	215,683	2,834
Cagayan Valley	130,485	127,731	2,754	115,290	110,700	4,590
Batanes	..	..	..	..	..	..
Cagayan	47,389	46,341	1,048	42,602	40,404	2,198
Isabela	44,697	43,350	1,347	40,742	39,116	1,626
Nueva Vizcaya	20,732	20,560	172	17,586	17,000	586
Quirino	17,667	17,480	187	14,360	14,180	180
Central Luzon	349,823	345,458	4,365	322,942	311,348	11,594
Aurora	17,389	17,383	6	13,140	13,140	..
Bataan	17,277	17,277	..	21,265	20,480	785
Bulacan	22,587	21,027	1,560	29,114	27,325	1,789
Nueva Ecija	79,780	77,770	2,010	76,488	71,088	5,400
Pampanga	8,613	8,471	142	15,091	14,898	193
Tarlac	143,530	143,144	386	135,861	132,854	3,007
Zambales	60,647	60,386	261	31,983	31,563	420
CALABARZON	231,167	226,836	4,331	221,326	216,953	4,373
Batangas	120,836	120,836	..	118,353	117,526	827
Cavite	16,483	15,136	1,347	15,987	15,121	866
Laguna	18,872	17,320	1,552	16,963	15,350	1,613
Quezon	72,330	71,200	1,130	66,568	65,800	768
Rizal	2,646	2,344	302	3,455	3,156	299
MIMAROPA	173,682	173,132	550	169,119	168,617	502
Marinduque	5,308	5,308	..	5,361	5,361	..
Occidental Mindoro	54,154	53,856	298	50,392	50,147	245
Oriental Mindoro	37,535	37,283	252	35,565	35,308	257
Palawan	52,935	52,935	..	57,644	57,644	..
Romblon	23,750	23,750	..	20,157	20,157	..
Bicol Region	129,797	129,040	757	113,953	113,084	869
Albay	23,887	23,887	..	15,692	15,692	..
Camarines Norte	7,347	7,347	..	7,450	7,450	..
Camarines Sur	39,713	39,247	466	38,000	37,513	487
Catanduanes	1,972	1,972	..	1,063	1,063	..
Masbate	51,634	51,404	230	47,114	46,776	338
Sorsogon	5,244	5,183	61	4,634	4,590	44
Western Visayas	604,618	599,933	4,685	575,299	571,126	4,173
Aklan	16,818	16,765	53	15,214	15,160	54
Antique	33,497	33,477	20	27,416	27,310	106
Capiz	48,145	48,104	41	45,525	45,473	52
Guimaras	48,999	48,893	106	44,398	44,266	132
Iloilo	250,182	249,192	990	230,581	229,640	941
Negros Occidental	206,977	203,502	3,475	212,165	209,277	2,888

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2012			2013		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Goat						
Philippines	**3,715,228**	**3,645,909**	**69,319**	**3,694,025**	**3,629,408**	**64,617**
NCR	..	..	..	..	..	..
CAR	72,696	72,595	101	73,546	73,406	140
Abra	47,673	47,673	..	45,512	45,512	..
Apayao	3,976	3,976	..	4,054	4,054	..
Benguet	7,855	7,855	..	9,141	9,141	..
Ifugao	7,074	7,006	68	7,586	7,473	113
Kalinga	5,137	5,104	33	6,137	6,110	27
Mountain Province	981	981	..	1,116	1,116	..
Ilocos Region	420,445	413,961	6,484	421,321	415,326	5,995
Ilocos Norte	67,544	66,576	968	66,913	66,200	713
Ilocos Sur	74,468	72,032	2,436	75,745	73,341	2,404
La Union	59,489	59,310	179	61,106	61,049	57
Pangasinan	218,944	216,043	2,901	217,557	214,736	2,821
Cagayan Valley	111,467	106,309	5,158	112,506	107,907	4,599
Batanes	..	..	..	..	..	..
Cagayan	41,853	39,253	2,600	42,610	40,240	2,370
Isabela	41,073	39,241	1,832	40,511	38,945	1,566
Nueva Vizcaya	16,999	16,449	550	17,096	16,579	517
Quirino	11,542	11,366	176	12,289	12,143	146
Central Luzon	281,623	268,541	13,082	297,828	284,285	13,543
Aurora	9,753	9,607	146	9,462	9,347	115
Bataan	22,840	22,029	811	25,395	24,530	865
Bulacan	30,891	28,333	2,558	32,013	28,963	3,050
Nueva Ecija	70,063	65,968	4,095	71,671	67,890	3,781
Pampanga	20,813	20,575	238	27,546	27,291	255
Tarlac	105,205	100,455	4,750	110,923	105,950	4,973
Zambales	22,058	21,574	484	20,818	20,314	504
CALABARZON	227,826	224,092	3,734	230,662	227,210	3,452
Batangas	118,746	118,501	245	119,216	118,969	247
Cavite	15,632	15,106	526	16,041	15,499	542
Laguna	20,708	18,842	1,866	21,905	20,281	1,624
Quezon	67,710	66,900	810	67,600	66,800	800
Rizal	5,030	4,743	287	5,900	5,661	239
MIMAROPA	173,231	169,623	3,608	174,612	172,236	2,376
Marinduque	5,160	5,160	..	5,242	5,242	..
Occidental Mindoro	49,523	48,856	667	46,892	46,037	855
Oriental Mindoro	33,995	33,740	255	33,032	32,765	267
Palawan	65,295	62,795	2,500	68,657	67,574	1,083
Romblon	19,258	19,072	186	20,789	20,618	171
Bicol Region	116,905	115,556	1,349	118,723	117,272	1,451
Albay	16,145	15,938	207	20,778	20,603	175
Camarines Norte	6,648	6,600	48	6,619	6,575	44
Camarines Sur	40,714	40,216	498	37,967	37,571	396
Catanduanes	1,500	1,500	..	1,651	1,651	..
Masbate	46,648	46,157	491	45,755	45,051	704
Sorsogon	5,250	5,145	105	5,953	5,821	132
Western Visayas	552,358	548,385	3,973	545,983	542,177	3,806
Aklan	14,647	14,597	50	11,006	10,951	55
Antique	25,108	24,990	118	25,774	25,634	140
Capiz	47,865	47,768	97	45,178	45,071	107
Guimaras	45,101	44,982	119	43,535	43,401	134
Iloilo	207,811	206,459	1,352	208,572	207,335	1,237
Negros Occidental	211,826	209,589	2,237	211,918	209,785	2,133

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2014			2015		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Goat						
Philippines	**3,695,627**	**3,635,033**	**60,594**	**3,674,186**	**3,613,645**	**60,541**
NCR	..	..	..	..	..	..
CAR	71,852	71,715	137	70,615	70,538	77
Abra	42,456	42,456	..	39,376	39,376	..
Apayao	4,129	4,129	..	4,166	4,166	..
Benguet	10,472	10,472	..	11,150	11,150	..
Ifugao	6,996	6,893	103	7,464	7,426	38
Kalinga	6,898	6,864	34	7,513	7,474	39
Mountain Province	901	901	..	946	946	..
Ilocos Region	425,476	419,410	6,066	423,829	417,753	6,076
Ilocos Norte	69,015	67,861	1,154	70,939	69,815	1,124
Ilocos Sur	80,921	78,859	2,062	80,129	78,258	1,871
La Union	60,740	60,690	50	60,926	60,761	165
Pangasinan	214,800	212,000	2,800	211,835	208,919	2,916
Cagayan Valley	114,564	110,029	4,535	114,194	109,491	4,703
Batanes	3,760	2,693	1,067	3,823	2,677	1,146
Cagayan	41,092	39,258	1,834	41,709	39,608	2,101
Isabela	40,164	39,034	1,130	39,076	38,262	814
Nueva Vizcaya	16,495	16,094	401	17,212	16,702	510
Quirino	13,053	12,950	103	12,374	12,242	132
Central Luzon	334,464	321,437	13,027	360,571	348,130	12,441
Aurora	10,244	10,104	140	10,520	10,401	119
Bataan	25,636	24,694	942	25,342	24,277	1,065
Bulacan	32,615	29,024	3,591	32,538	29,038	3,500
Nueva Ecija	72,550	68,810	3,740	72,001	68,303	3,698
Pampanga	36,712	36,452	260	44,213	43,936	277
Tarlac	129,638	125,680	3,958	145,919	142,611	3,308
Zambales	27,069	26,673	396	30,038	29,564	474
CALABARZON	238,021	234,899	3,122	246,943	242,814	4,129
Batangas	120,820	120,550	270	121,938	121,638	300
Cavite	16,600	15,893	707	17,441	16,503	938
Laguna	23,969	22,852	1,117	29,822	28,038	1,784
Quezon	69,097	68,300	797	67,209	66,435	774
Rizal	7,535	7,304	231	10,533	10,200	333
MIMAROPA	173,675	171,530	2,145	175,240	173,314	1,926
Marinduque	5,558	5,558	..	5,225	5,225	..
Occidental Mindoro	43,290	42,443	847	42,374	41,539	835
Oriental Mindoro	31,501	31,241	260	30,010	29,762	248
Palawan	72,615	71,823	792	76,462	75,852	610
Romblon	20,711	20,465	246	21,169	20,936	233
Bicol Region	127,710	126,083	1,627	136,237	134,259	1,978
Albay	25,312	25,163	149	29,013	28,897	116
Camarines Norte	6,970	6,930	40	7,408	7,366	42
Camarines Sur	39,895	39,480	415	43,148	42,704	444
Catanduanes	1,790	1,790	..	1,929	1,929	..
Masbate	47,496	46,582	914	48,575	47,269	1,306
Sorsogon	6,247	6,138	109	6,164	6,094	70
Western Visayas	542,678	539,069	3,609	519,169	515,367	3,802
Aklan	10,688	10,655	33	8,462	8,462	..
Antique	26,464	26,275	189	27,019	26,763	256
Capiz	43,637	43,527	110	37,907	37,840	67
Guimaras	43,289	43,167	122	34,429	34,320	109
Iloilo	207,515	206,345	1,170	197,846	196,628	1,218
Negros Occidental	211,085	209,100	1,985	213,506	211,354	2,152

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2016			2017		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Goat						
Philippines	**3,663,060**	**3,604,111**	**58,949**	**3,710,348**	**3,659,374**	**50,974**
NCR	..	..	..	..	..	..
CAR	68,287	68,229	58	63,035	62,988	47
Abra	36,855	36,855	..	32,416	32,416	..
Apayao	3,742	3,742	..	3,801	3,801	..
Benguet	11,550	11,550	..	10,794	10,794	..
Ifugao	7,032	7,000	32	7,226	7,200	26
Kalinga	8,072	8,046	26	7,776	7,755	21
Mountain Province	1,036	1,036	..	1,022	1,022	..
Ilocos Region	406,321	400,454	5,867	419,821	414,625	5,196
Ilocos Norte	73,901	72,817	1,084	75,432	74,666	766
Ilocos Sur	83,921	82,099	1,822	93,798	92,275	1,523
La Union	57,276	57,115	161	59,432	59,250	182
Pangasinan	191,223	188,423	2,800	191,159	188,434	2,725
Cagayan Valley	115,533	110,503	5,030	109,760	104,364	5,396
Batanes	3,870	2,624	1,246	3,772	2,586	1,186
Cagayan	43,847	41,692	2,155	43,872	41,641	2,231
Isabela	38,395	37,420	975	33,054	31,878	1,176
Nueva Vizcaya	17,066	16,542	524	16,527	16,064	463
Quirino	12,355	12,225	130	12,535	12,195	340
Central Luzon	351,922	340,488	11,434	351,473	342,994	8,479
Aurora	11,089	11,025	64	11,656	11,584	72
Bataan	24,395	23,215	1,180	27,406	27,009	397
Bulacan	31,042	27,841	3,201	33,993	32,108	1,885
Nueva Ecija	72,450	68,822	3,628	70,761	67,551	3,210
Pampanga	43,461	43,186	275	44,337	43,782	555
Tarlac	136,998	134,508	2,490	132,975	130,923	2,052
Zambales	32,487	31,891	596	30,345	30,037	308
CALABARZON	252,275	247,679	4,596	263,692	258,595	5,097
Batangas	123,846	123,540	306	125,550	125,350	200
Cavite	18,356	17,137	1,219	19,593	17,794	1,799
Laguna	32,190	30,574	1,616	39,669	38,027	1,642
Quezon	66,463	65,678	785	68,465	67,609	856
Rizal	11,420	10,750	670	10,415	9,815	600
MIMAROPA	178,143	176,375	1,768	179,705	178,134	1,571
Marinduque	4,439	4,439	..	4,500	4,500	..
Occidental Mindoro	43,933	43,018	915	43,029	42,115	914
Oriental Mindoro	28,061	27,833	228	26,829	26,622	207
Palawan	78,907	78,422	485	83,685	83,264	421
Romblon	22,803	22,663	140	21,662	21,633	29
Bicol Region	145,460	143,351	2,109	153,081	152,263	818
Albay	35,609	35,479	130	44,150	44,021	129
Camarines Norte	7,671	7,513	158	8,287	8,119	168
Camarines Sur	44,715	44,412	303	43,812	43,575	237
Catanduanes	1,981	1,981	..	1,919	1,919	..
Masbate	49,149	47,721	1,428	47,994	47,741	253
Sorsogon	6,335	6,245	90	6,919	6,888	31
Western Visayas	516,075	512,136	3,939	512,281	508,974	3,307
Aklan	7,457	7,457	..	8,095	8,095	..
Antique	27,159	26,876	283	27,346	27,292	54
Capiz	38,004	37,950	54	36,522	36,500	22
Guimaras	27,542	27,400	142	20,327	20,214	113
Iloilo	202,433	201,203	1,230	202,700	201,750	950
Negros Occidental	213,480	211,250	2,230	217,291	215,123	2,168

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2008			2009		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Goat						
Central Visayas	3,058	525,032	2,811	533,949	530,907	3,042
Bohol	1,313	65,445	178	62,214	61,982	232
Cebu	709	225,830	1,360	225,275	223,600	1,675
Negros Oriental	1,036	213,393	1,168	225,009	223,985	1,024
Siquijor	..	20,364	105	21,451	21,340	111
Eastern Visayas	2,421	125,207	2,903	118,281	115,417	2,864
Biliran	45	17,311	..	17,015	17,015	..
Eastern Samar	..	29,953	..	21,535	21,535	..
Leyte	2,010	52,299	771	48,869	48,081	788
Northern Samar	224	11,169	46	14,817	14,769	48
Samar (Western Samar)	26	6,206	31	6,135	6,100	35
Southern Leyte	116	8,269	2,055	9,910	7,917	1,993
Zamboanga Peninsula	853	175,773	90	160,460	160,395	65
Zamboanga del Norte	101	59,767	..	49,260	49,260	..
Zamboanga del Sur	253	83,341	..	79,385	79,385	..
Zamboanga Sibugay	..	21,523	..	21,570	21,570	..
Zamboanga City	499	11,142	90	10,245	10,180	65
Northern Mindanao	14,063	205,916	5,450	239,847	229,364	10,483
Bukidnon	11,500	55,946	3,532	68,381	61,094	7,287
Camiguin	95	1,652	162	2,836	2,610	226
Lanao del Norte	810	32,477	27	42,572	42,312	260
Misamis Occidental	..	56,444	..	55,140	55,140	..
Misamis Oriental	1,658	59,397	1,729	70,918	68,208	2,710
Davao Region	5,209	352,841	4,446	374,783	370,760	4,023
Compostela Valley	93	32,360	199	33,697	33,439	258
Davao del Norte	640	46,669	952	49,278	48,405	873
Davao del Sur	2,047	170,405	1,431	181,653	180,222	1,431
Davao Oriental	1,485	51,544	1,190	58,818	58,049	769
Davao City	944	51,863	674	51,337	50,645	692
SOCCSKSARGEN	17,979	284,294	3,260	293,958	289,729	4,229
North Cotabato	1,251	141,223	464	147,207	145,754	1,453
Sarangani	1,234	23,900	387	23,265	22,910	355
South Cotabato	15,165	37,971	1,309	41,797	40,516	1,281
Sultan Kudarat	329	81,200	1,100	81,689	80,549	1,140
Caraga	484	85,350	166	71,490	71,267	223
Agusan del Norte	250	32,670	64	25,053	24,941	112
Agusan del Sur	204	32,500	35	29,069	29,016	53
Surigao del Norte	17	5,880	8	6,000	6,000	..
Surigao del Sur	13	14,300	59	11,368	11,310	58
Dinagat Islands	..	..	..	..	..	..
ARMM	622	252,194	754	261,623	261,623	..
Basilan	..	23,678	..	26,090	26,090	..
Lanao del Sur	503	60,303	..	62,061	62,061	..
Maguindanao	..	122,284	..	117,538	117,538	..
Sulu	..	36,045	..	42,949	42,949	..
Tawi-tawi	119	9,884	754	12,985	12,985	..

.. Data not available

[1]Inventory as of 01 January

Western Visayas data includes Negros Occi

Central Visayas data includes Negros Orient

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2010			2011		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Goat						
Central Visayas	550,889	548,645	2,244	537,096	530,994	6,102
Bohol	69,091	68,897	194	71,245	70,718	527
Cebu	238,802	237,551	1,251	232,898	229,871	3,027
Negros Oriental	220,971	220,217	754	212,929	210,484	2,445
Siquijor	22,025	21,980	45	20,024	19,921	103
Eastern Visayas	109,784	106,678	3,106	97,946	95,168	2,778
Biliran	16,200	16,200	..	15,643	15,585	58
Eastern Samar	16,699	16,699	..	16,000	16,000	..
Leyte	45,223	44,423	800	38,398	37,817	581
Northern Samar	14,285	14,285	..	12,020	12,020	..
Samar (Western Samar)	6,844	6,826	18	5,976	5,952	24
Southern Leyte	10,533	8,245	2,288	9,909	7,794	2,115
Zamboanga Peninsula	118,869	118,695	174	116,896	116,339	557
Zamboanga del Norte	33,654	33,654	..	37,905	37,905	..
Zamboanga del Sur	52,670	52,670	..	45,105	44,847	258
Zamboanga Sibugay	22,219	22,219	..	21,789	21,789	..
Zamboanga City	10,326	10,152	174	12,097	11,798	299
Northern Mindanao	241,955	231,385	10,570	234,029	224,337	9,692
Bukidnon	66,700	60,500	6,200	65,350	60,350	5,000
Camiguin	2,681	2,500	181	3,755	3,464	291
Lanao del Norte	46,905	45,305	1,600	46,924	45,450	1,474
Misamis Occidental	49,650	49,650	..	44,771	44,600	171
Misamis Oriental	76,019	73,430	2,589	73,229	70,473	2,756
Davao Region	391,559	387,570	3,989	372,669	368,279	4,390
Compostela Valley	35,113	34,883	230	33,271	32,837	434
Davao del Norte	45,943	45,165	778	48,014	47,120	894
Davao del Sur	188,668	187,545	1,123	178,367	177,415	952
Davao Oriental	68,784	67,708	1,076	64,254	62,924	1,330
Davao City	53,051	52,269	782	48,763	47,983	780
SOCCSKSARGEN	256,718	252,995	3,723	247,821	240,916	6,905
North Cotabato	118,463	117,483	980	122,463	118,553	3,910
Sarangani	23,290	23,020	270	24,353	23,100	1,253
South Cotabato	44,023	42,709	1,314	42,607	41,115	1,492
Sultan Kudarat	70,942	69,783	1,159	58,398	58,148	250
Caraga	61,143	60,899	244	56,673	56,125	548
Agusan del Norte	16,473	16,396	77	12,741	12,610	131
Agusan del Sur	27,435	27,330	105	26,200	25,862	338
Surigao del Norte	4,328	4,328	..	4,601	4,601	..
Surigao del Sur	11,057	10,995	62	11,210	11,131	79
Dinagat Islands	1,850	1,850	..	1,921	1,921	..
ARMM	268,516	268,516	..	212,797	212,797	..
Basilan	26,682	26,682	..	28,156	28,156	..
Lanao del Sur	75,204	75,204	..	61,311	61,311	..
Maguindanao	108,772	108,772	..	71,516	71,516	..
Sulu	40,662	40,662	..	33,400	33,400	..
Tawi-tawi	17,196	17,196	..	18,414	18,414	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2012			2013		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Goat						
Central Visayas	504,890	497,924	6,966	497,764	490,815	6,949
Bohol	70,454	69,976	478	73,230	72,905	325
Cebu	231,151	227,514	3,637	223,944	220,234	3,710
Negros Oriental	183,139	180,376	2,763	180,631	177,725	2,906
Siquijor	20,146	20,058	88	19,959	19,951	8
Eastern Visayas	68,012	66,712	1,300	53,632	52,966	666
Biliran	13,999	13,945	54	12,145	12,094	51
Eastern Samar	7,970	7,970	..	5,200	5,200	..
Leyte	28,785	28,258	527	25,003	24,500	503
Northern Samar	7,728	7,728	..	4,946	4,946	..
Samar (Western Samar)	2,843	2,831	12	2,199	2,183	16
Southern Leyte	6,687	5,980	707	4,139	4,043	96
Zamboanga Peninsula	114,915	114,168	747	117,827	117,272	555
Zamboanga del Norte	42,773	42,749	24	50,195	50,170	25
Zamboanga del Sur	38,062	37,800	262	32,155	31,942	213
Zamboanga Sibugay	21,887	21,619	268	22,374	22,231	143
Zamboanga City	12,193	12,000	193	13,103	12,929	174
Northern Mindanao	241,776	231,037	10,739	242,300	231,823	10,477
Bukidnon	70,950	66,200	4,750	68,500	64,000	4,500
Camiguin	4,993	4,675	318	5,230	4,830	400
Lanao del Norte	48,289	46,900	1,389	50,477	48,800	1,677
Misamis Occidental	42,838	42,712	126	42,193	42,093	100
Misamis Oriental	74,706	70,550	4,156	75,900	72,100	3,800
Davao Region	375,045	370,775	4,270	374,047	370,354	3,693
Compostela Valley	32,019	31,730	289	34,056	33,556	500
Davao del Norte	47,495	46,850	645	48,023	47,420	603
Davao del Sur	181,056	180,169	887	178,348	177,684	664
Davao Oriental	66,614	65,160	1,454	66,700	65,244	1,456
Davao City	47,861	46,866	995	46,920	46,450	470
SOCCSKSARGEN	243,055	235,997	7,058	231,932	225,484	6,448
North Cotabato	117,648	113,634	4,014	113,754	110,043	3,711
Sarangani	24,149	22,900	1,249	23,228	22,400	828
South Cotabato	42,920	41,425	1,495	42,170	40,541	1,629
Sultan Kudarat	58,338	58,038	300	52,780	52,500	280
Caraga	51,179	50,626	553	53,403	53,019	384
Agusan del Norte	10,695	10,527	168	12,403	12,250	153
Agusan del Sur	23,544	23,297	247	23,968	23,796	172
Surigao del Norte	3,793	3,793	..	4,700	4,700	..
Surigao del Sur	11,160	11,022	138	10,229	10,170	59
Dinagat Islands	1,987	1,987	..	2,103	2,103	..
ARMM	159,805	159,608	197	147,939	147,856	83
Basilan	27,970	27,970	..	30,277	30,277	..
Lanao del Sur	59,879	59,879	..	58,150	58,150	..
Maguindanao	25,100	25,024	76	14,964	14,964	..
Sulu	28,390	28,390	..	25,729	25,729	..
Tawi-tawi	18,466	18,345	121	18,819	18,736	83

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2014			2015		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Goat						
Central Visayas	495,185	489,191	5,994	490,848	484,392	6,456
Bohol	77,328	76,985	343	79,261	78,655	606
Cebu	224,660	220,460	4,200	221,256	216,900	4,356
Negros Oriental	172,957	171,506	1,451	169,907	168,413	1,494
Siquijor	20,240	20,240	..	20,424	20,424	..
Eastern Visayas	41,942	41,205	737	36,118	35,345	773
Biliran	10,212	10,161	51	8,983	8,924	59
Eastern Samar	2,762	2,762	..	1,683	1,683	..
Leyte	19,913	19,333	580	17,197	16,665	532
Northern Samar	3,285	3,285	..	2,315	2,315	..
Samar (Western Samar)	2,225	2,204	21	2,404	2,367	37
Southern Leyte	3,545	3,460	85	3,536	3,391	145
Zamboanga Peninsula	116,117	115,698	419	117,470	117,092	378
Zamboanga del Norte	51,165	51,135	30	55,996	55,977	19
Zamboanga del Sur	29,296	29,130	166	26,428	26,263	165
Zamboanga Sibugay	22,390	22,273	117	22,580	22,498	82
Zamboanga City	13,266	13,160	106	12,466	12,354	112
Northern Mindanao	234,248	225,229	9,019	233,506	225,981	7,525
Bukidnon	67,500	63,200	4,300	66,050	62,300	3,750
Camiguin	5,146	4,760	386	4,799	4,475	324
Lanao del Norte	51,242	50,200	1,042	54,888	53,930	958
Misamis Occidental	38,160	38,069	91	37,338	37,300	38
Misamis Oriental	72,200	69,000	3,200	70,431	67,976	2,455
Davao Region	342,972	338,966	4,006	315,860	311,608	4,252
Compostela Valley	30,644	29,867	777	31,303	30,410	893
Davao del Norte	47,470	47,135	335	47,036	46,980	56
Davao del Sur	151,405	150,550	855	120,048	119,150	898
Davao Oriental	66,514	65,108	1,406	69,747	68,347	1,400
Davao City	46,939	46,306	633	47,726	46,721	1,005
SOCCSKSARGEN	232,222	226,505	5,717	230,045	224,601	5,444
North Cotabato	115,311	112,211	3,100	112,307	109,397	2,910
Sarangani	22,640	22,000	640	23,496	22,800	696
South Cotabato	42,461	40,784	1,677	41,709	39,998	1,711
Sultan Kudarat	51,810	51,510	300	52,533	52,406	127
Caraga	53,888	53,590	298	54,355	53,910	445
Agusan del Norte	12,182	12,025	157	11,732	11,550	182
Agusan del Sur	24,046	23,905	141	24,922	24,795	127
Surigao del Norte	5,285	5,285	..	5,174	5,174	..
Surigao del Sur	10,174	10,174	..	10,236	10,100	136
Dinagat Islands	2,201	2,201	..	2,291	2,291	..
ARMM	150,613	150,477	136	149,186	149,050	136
Basilan	32,959	32,959	..	34,364	34,364	..
Lanao del Sur	59,500	59,500	..	60,126	60,126	..
Maguindanao	14,917	14,853	64	14,417	14,351	66
Sulu	24,280	24,280	..	21,384	21,384	..
Tawi-tawi	18,957	18,885	72	18,895	18,825	70

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2016			2017		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Goat						
Central Visayas	493,415	487,378	6,037	500,586	494,564	6,022
Bohol	82,143	81,624	519	82,907	82,360	547
Cebu	222,750	218,704	4,046	224,463	220,440	4,023
Negros Oriental	168,474	167,002	1,472	171,524	170,072	1,452
Siquijor	20,048	20,048	..	21,692	21,692	..
Eastern Visayas	34,514	33,648	866	34,975	33,880	1,095
Biliran	8,614	8,560	54	7,905	7,850	55
Eastern Samar	1,430	1,430	..	1,472	1,472	..
Leyte	16,003	15,418	585	16,954	16,310	644
Northern Samar	2,218	2,218	..	2,850	2,850	..
Samar (Western Samar)	2,369	2,320	49	1,581	1,372	209
Southern Leyte	3,880	3,702	178	4,213	4,026	187
Zamboanga Peninsula	120,076	119,616	460	125,325	124,994	331
Zamboanga del Norte	61,468	61,396	72	67,595	67,582	13
Zamboanga del Sur	25,775	25,600	175	23,955	23,823	132
Zamboanga Sibugay	22,035	21,940	95	21,647	21,551	96
Zamboanga City	10,798	10,680	118	12,128	12,038	90
Northern Mindanao	236,752	229,792	6,960	231,635	225,113	6,522
Bukidnon	71,988	68,268	3,720	75,736	72,183	3,553
Camiguin	4,963	4,604	359	4,636	4,413	223
Lanao del Norte	57,057	55,980	1,077	60,690	59,844	846
Misamis Occidental	31,436	31,407	29	32,076	32,035	41
Misamis Oriental	71,308	69,533	1,775	58,497	56,638	1,859
Davao Region	313,428	309,384	4,044	322,582	319,271	3,311
Compostela Valley	33,429	33,128	301	36,036	35,840	196
Davao del Norte	47,117	47,030	87	49,967	49,896	71
Davao del Sur	118,667	117,500	1,167	118,336	117,058	1,278
Davao Oriental	67,662	66,298	1,364	71,376	70,010	1,366
Davao City	46,553	45,428	1,125	46,867	46,467	400
SOCCSKSARGEN	229,899	224,603	5,296	235,113	231,703	3,410
North Cotabato	109,008	106,093	2,915	113,853	111,840	2,013
Sarangani	23,688	23,000	688	22,653	22,350	303
South Cotabato	40,045	38,491	1,554	41,800	40,995	805
Sultan Kudarat	57,158	57,019	139	56,807	56,518	289
Caraga	53,155	52,780	375	54,263	53,891	372
Agusan del Norte	10,564	10,460	104	10,682	10,540	142
Agusan del Sur	24,851	24,725	126	25,408	25,250	158
Surigao del Norte	5,150	5,150	..	5,231	5,231	..
Surigao del Sur	10,365	10,220	145	10,712	10,640	72
Dinagat Islands	2,225	2,225	..	2,230	2,230	..
ARMM	147,805	147,695	110	153,021	153,021	..
Basilan	34,855	34,855	..	34,190	34,190	..
Lanao del Sur	65,500	65,500	..	73,500	73,500	..
Maguindanao	10,953	10,893	60	8,259	8,259	..
Sulu	18,300	18,300	..	17,800	17,800	..
Tawi-tawi	18,197	18,147	50	19,272	19,272	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2008			2009		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Hog						
Philippines	**13,701,020**	**9,726,820**	**3,974,200**	**13,596,399**	**9,602,822**	**3,993,577**
NCR	..	..	..	..	..	..
CAR	206,150	203,650	2,500	209,725	207,794	1,931
Abra	51,500	50,770	730	50,963	50,164	799
Apayao	25,090	25,090	..	29,205	29,205	..
Benguet	23,000	22,150	850	22,134	21,870	264
Ifugao	28,650	27,960	690	29,214	28,611	603
Kalinga	39,140	38,910	230	44,224	43,959	265
Mountain Province	38,770	38,770	..	33,985	33,985	..
Ilocos Region	518,030	434,470	83,560	539,411	466,762	72,649
Ilocos Norte	84,340	74,240	10,100	94,695	86,830	7,865
Ilocos Sur	116,790	106,740	10,050	108,621	101,381	7,240
La Union	72,250	55,000	17,250	72,973	60,701	12,272
Pangasinan	244,650	198,490	46,160	263,122	217,850	45,272
Cagayan Valley	539,070	503,170	35,900	495,134	461,339	33,795
Batanes	..	..	..	..	..	..
Cagayan	261,970	257,900	4,070	240,916	237,318	3,598
Isabela	191,430	165,710	25,720	175,963	149,241	26,722
Nueva Vizcaya	55,000	50,700	4,300	44,977	42,681	2,296
Quirino	30,670	28,860	1,810	33,278	32,099	1,179
Central Luzon	1,893,580	556,390	1,337,190	1,713,836	537,326	1,176,510
Aurora	82,750	82,440	310	71,477	71,208	269
Bataan	62,200	41,430	20,770	65,889	43,215	22,674
Bulacan	1,246,480	85,000	1,161,480	1,107,225	117,527	989,698
Nueva Ecija	168,010	122,360	45,650	145,970	100,270	45,700
Pampanga	145,140	103,560	41,580	129,505	90,870	38,635
Tarlac	118,140	54,830	63,310	109,983	36,275	73,708
Zambales	70,860	66,770	4,090	83,787	77,961	5,826
CALABARZON	1,794,470	559,690	1,234,780	1,848,951	518,750	1,330,201
Batangas	718,560	204,050	514,510	767,136	162,688	604,448
Cavite	161,390	39,040	122,350	166,341	40,973	125,368
Laguna	313,440	154,660	158,780	291,062	137,770	153,292
Quezon	226,560	150,400	76,160	240,005	166,405	73,600
Rizal	374,520	11,540	362,980	384,407	10,914	373,493
MIMAROPA	471,540	423,200	48,340	469,399	408,764	60,635
Marinduque	82,670	82,350	320	73,281	72,656	625
Occidental Mindoro	68,490	66,020	2,470	62,729	59,573	3,156
Oriental Mindoro	86,180	68,730	17,450	92,065	73,807	18,258
Palawan	164,310	138,130	26,180	171,168	134,605	36,563
Romblon	69,890	67,970	1,920	70,156	68,123	2,033
Bicol Region	776,160	599,100	177,060	859,794	648,287	211,507
Albay	131,220	58,030	73,190	193,854	88,924	104,930
Camarines Norte	95,960	91,980	3,980	108,051	101,115	6,936
Camarines Sur	238,560	228,140	10,420	226,657	216,788	9,869
Catanduanes	51,400	51,400	..	80,141	80,141	..
Masbate	191,160	104,190	86,970	189,905	104,063	85,842
Sorsogon	67,860	65,360	2,500	61,186	57,256	3,930
Western Visayas	1,477,500	1,281,930	195,570	1,500,004	1,293,206	206,798
Aklan	135,100	127,840	7,260	133,566	124,925	8,641
Antique	118,350	114,550	3,800	108,912	105,012	3,900
Capiz	162,200	158,660	3,540	162,400	158,272	4,128
Guimaras	85,420	84,020	1,400	99,796	98,378	1,418
Iloilo	516,360	386,910	129,450	522,476	393,330	129,146
Negros Occidental	460,070	409,950	50,120	472,854	413,289	59,565

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2010			2011		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Hog						
Philippines	**13,397,789**	**9,542,192**	**3,855,597**	**12,303,096**	**8,466,925**	**3,836,171**
NCR	..	..	..	4,216	..	4,216
CAR	198,393	196,383	2,010	189,592	187,676	1,916
Abra	59,168	58,501	667	54,025	53,364	661
Apayao	24,325	24,325	..	19,374	19,374	..
Benguet	8,759	8,615	144	10,047	9,905	142
Ifugao	30,530	29,590	940	31,787	30,836	951
Kalinga	42,007	41,748	259	39,383	39,221	162
Mountain Province	33,604	33,604	..	34,976	34,976	..
Ilocos Region	519,598	450,489	69,109	502,916	419,775	83,141
Ilocos Norte	93,628	86,150	7,478	101,736	92,910	8,826
Ilocos Sur	92,653	85,863	6,790	77,575	64,080	13,495
La Union	69,266	59,500	9,766	72,756	60,500	12,256
Pangasinan	264,051	218,976	45,075	250,849	202,285	48,564
Cagayan Valley	479,039	446,196	32,843	416,723	381,681	35,042
Batanes	..	..	..	..	..	..
Cagayan	250,841	245,162	5,679	205,498	199,090	6,408
Isabela	161,935	138,536	23,399	138,484	116,267	22,217
Nueva Vizcaya	40,948	38,023	2,925	48,154	42,912	5,242
Quirino	25,315	24,475	840	24,587	23,412	1,175
Central Luzon	1,428,682	463,455	965,227	1,497,828	435,734	1,062,094
Aurora	73,648	73,493	155	71,544	71,335	209
Bataan	62,976	47,548	15,428	70,116	38,262	31,854
Bulacan	887,421	85,843	801,578	904,100	71,877	832,223
Nueva Ecija	114,528	71,550	42,978	127,020	66,680	60,340
Pampanga	105,613	74,618	30,995	111,539	73,462	38,077
Tarlac	89,318	23,361	65,957	132,405	42,431	89,974
Zambales	95,178	87,042	8,136	81,104	71,687	9,417
CALABARZON	1,759,631	503,705	1,255,926	1,652,613	437,623	1,214,990
Batangas	691,532	162,103	529,429	664,733	145,893	518,840
Cavite	173,673	36,666	137,007	164,994	22,256	142,738
Laguna	279,204	128,924	150,280	243,850	95,350	148,500
Quezon	238,300	165,800	72,500	222,200	149,100	73,100
Rizal	376,922	10,212	366,710	356,836	25,024	331,812
MIMAROPA	504,485	425,071	79,414	498,192	420,366	77,826
Marinduque	73,428	72,968	460	72,069	71,627	442
Occidental Mindoro	68,553	65,197	3,356	62,360	59,521	2,839
Oriental Mindoro	96,147	77,481	18,666	93,902	76,269	17,633
Palawan	198,458	143,335	55,123	216,903	162,166	54,737
Romblon	67,899	66,090	1,809	52,958	50,783	2,175
Bicol Region	1,050,795	760,870	289,925	952,649	714,497	238,152
Albay	362,323	163,761	198,562	309,839	125,910	183,929
Camarines Norte	113,955	102,522	11,433	110,533	97,233	13,300
Camarines Sur	228,392	218,104	10,288	198,190	187,123	11,067
Catanduanes	108,405	108,405	..	142,345	142,011	334
Masbate	169,001	103,603	65,398	128,906	101,940	26,966
Sorsogon	68,719	64,475	4,244	62,836	60,280	2,556
Western Visayas	1,548,714	1,338,725	209,989	1,313,330	1,167,686	145,644
Aklan	135,365	130,128	5,237	118,731	112,710	6,021
Antique	102,603	99,770	2,833	67,598	65,146	2,452
Capiz	164,224	160,396	3,828	132,241	129,476	2,765
Guimaras	114,883	112,283	2,600	74,172	72,332	1,840
Iloilo	523,681	395,270	128,411	444,995	364,955	80,040
Negros Occidental	507,958	440,878	67,080	475,593	423,067	52,526

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2012			2013		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Hog						
Philippines	**11,863,021**	**7,981,667**	**3,881,354**	**11,843,051**	**7,750,238**	**4,092,813**
NCR	..	..	..	..	..	..
CAR	210,113	207,022	3,091	211,886	207,932	3,954
Abra	56,261	55,336	925	55,255	54,343	912
Apayao	23,423	23,423	..	24,326	24,326	..
Benguet	13,015	12,326	689	17,264	16,286	978
Ifugao	35,965	34,782	1,183	28,319	26,467	1,852
Kalinga	46,371	46,167	204	51,203	50,991	212
Mountain Province	35,078	34,988	90	35,519	35,519	..
Ilocos Region	534,535	440,353	94,182	529,317	437,680	91,637
Ilocos Norte	117,324	106,850	10,474	111,303	101,384	9,919
Ilocos Sur	74,976	61,682	13,294	76,733	63,966	12,767
La Union	78,221	57,032	21,189	78,266	58,509	19,757
Pangasinan	264,014	214,789	49,225	263,015	213,821	49,194
Cagayan Valley	381,154	342,364	38,790	378,401	339,459	38,942
Batanes	..	..	..	..	..	..
Cagayan	178,487	170,146	8,341	176,513	168,993	7,520
Isabela	130,427	110,280	20,147	131,423	110,424	20,999
Nueva Vizcaya	49,415	40,763	8,652	46,640	38,167	8,473
Quirino	22,825	21,175	1,650	23,825	21,875	1,950
Central Luzon	1,550,286	423,657	1,126,629	1,792,618	453,996	1,338,622
Aurora	64,340	63,662	678	61,149	60,571	578
Bataan	58,105	29,436	28,669	60,275	30,250	30,025
Bulacan	931,542	70,147	861,395	1,094,219	80,183	1,014,036
Nueva Ecija	120,253	57,753	62,500	121,464	56,758	64,706
Pampanga	115,338	73,506	41,832	159,790	83,682	76,108
Tarlac	193,486	70,636	122,850	224,968	81,920	143,048
Zambales	67,222	58,517	8,705	70,753	60,632	10,121
CALABARZON	1,642,311	439,880	1,202,431	1,563,745	377,666	1,186,079
Batangas	678,763	156,998	521,765	657,514	135,125	522,389
Cavite	170,679	20,584	150,095	157,419	16,571	140,848
Laguna	211,023	80,036	130,987	187,044	55,296	131,748
Quezon	224,598	151,200	73,398	223,050	149,450	73,600
Rizal	357,248	31,062	326,186	338,718	21,224	317,494
MIMAROPA	516,013	435,657	80,356	518,297	433,629	84,668
Marinduque	70,704	70,315	389	64,548	64,386	162
Occidental Mindoro	66,368	62,825	3,543	64,573	60,122	4,451
Oriental Mindoro	99,181	81,464	17,717	101,870	83,745	18,125
Palawan	224,469	168,205	56,264	232,346	173,614	58,732
Romblon	55,291	52,848	2,443	54,960	51,762	3,198
Bicol Region	760,517	608,330	152,187	797,901	646,050	151,851
Albay	184,823	72,058	112,765	190,182	73,748	116,434
Camarines Norte	110,700	97,500	13,200	111,622	96,999	14,623
Camarines Sur	206,784	189,988	16,796	251,698	239,267	12,431
Catanduanes	82,384	82,209	175	65,975	65,904	71
Masbate	108,149	101,061	7,088	99,812	93,430	6,382
Sorsogon	67,677	65,514	2,163	78,612	76,702	1,910
Western Visayas	1,306,912	1,172,310	134,602	1,320,668	1,182,760	137,908
Aklan	114,836	110,540	4,296	114,946	110,257	4,689
Antique	71,145	68,915	2,230	71,414	68,589	2,825
Capiz	130,426	129,064	1,362	138,352	136,914	1,438
Guimaras	73,845	70,659	3,186	69,001	66,367	2,634
Iloilo	440,460	367,307	73,153	442,435	367,366	75,069
Negros Occidental	476,200	425,825	50,375	484,520	433,267	51,253

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2014			2015		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Hog						
Philippines	**11,801,656**	**7,656,825**	**4,144,831**	**11,999,722**	**7,782,290**	**4,217,432**
NCR	..	..	..	..	..	..
CAR	209,623	205,835	3,788	196,385	192,731	3,654
Abra	47,368	46,735	633	33,176	32,710	466
Apayao	24,930	24,930	..	25,475	25,475	..
Benguet	21,263	20,300	963	24,978	24,540	438
Ifugao	29,055	27,260	1,795	25,105	23,170	1,935
Kalinga	51,659	51,459	200	51,445	50,900	545
Mountain Province	35,348	35,151	197	36,206	35,936	270
Ilocos Region	521,370	431,912	89,458	521,622	427,294	94,328
Ilocos Norte	107,794	100,055	7,739	106,019	99,198	6,821
Ilocos Sur	74,417	63,216	11,201	68,993	57,083	11,910
La Union	75,159	54,641	20,518	79,434	59,093	20,341
Pangasinan	264,000	214,000	50,000	267,176	211,920	55,256
Cagayan Valley	391,210	356,077	35,133	404,972	366,729	38,243
Batanes	3,641	3,463	178	3,580	3,289	291
Cagayan	187,261	181,000	6,261	196,324	190,092	6,232
Isabela	129,473	110,462	19,011	130,052	108,606	21,446
Nueva Vizcaya	45,765	38,597	7,168	48,174	40,132	8,042
Quirino	25,070	22,555	2,515	26,842	24,610	2,232
Central Luzon	1,895,150	507,083	1,388,067	1,935,084	497,925	1,437,159
Aurora	66,259	65,730	529	64,291	63,696	595
Bataan	69,130	37,798	31,332	70,375	38,332	32,043
Bulacan	1,115,052	100,510	1,014,542	1,111,453	100,500	1,010,953
Nueva Ecija	123,296	56,986	66,310	124,908	56,500	68,408
Pampanga	192,008	93,286	98,722	192,342	95,865	96,477
Tarlac	259,161	99,293	159,868	302,201	92,940	209,261
Zambales	70,244	53,480	16,764	69,514	50,092	19,422
CALABARZON	1,553,879	364,988	1,188,891	1,574,036	376,213	1,197,823
Batangas	662,050	135,600	526,450	688,320	147,560	540,760
Cavite	145,875	14,464	131,411	147,880	13,538	134,342
Laguna	176,890	42,296	134,594	180,556	41,690	138,866
Quezon	226,275	152,500	73,775	227,929	153,925	74,004
Rizal	342,789	20,128	322,661	329,351	19,500	309,851
MIMAROPA	536,430	438,255	98,175	555,652	447,951	107,701
Marinduque	63,901	63,742	159	65,331	65,178	153
Occidental Mindoro	61,906	57,683	4,223	70,254	66,236	4,018
Oriental Mindoro	104,825	86,090	18,735	103,304	82,763	20,541
Palawan	246,602	175,217	71,385	257,601	177,474	80,127
Romblon	59,196	55,523	3,673	59,162	56,300	2,862
Bicol Region	858,408	703,568	154,840	863,382	721,878	141,504
Albay	195,249	77,422	117,827	184,379	82,612	101,767
Camarines Norte	116,430	99,350	17,080	121,367	102,985	18,382
Camarines Sur	284,010	270,560	13,450	296,956	281,830	15,126
Catanduanes	72,463	72,428	35	77,431	77,360	71
Masbate	101,400	97,262	4,138	101,910	97,749	4,161
Sorsogon	88,856	86,546	2,310	81,339	79,342	1,997
Western Visayas	1,304,271	1,163,970	140,301	1,295,787	1,153,991	141,796
Aklan	111,354	106,501	4,853	115,861	109,472	6,389
Antique	71,479	67,034	4,445	74,059	69,431	4,628
Capiz	136,496	135,458	1,038	132,220	131,190	1,030
Guimaras	58,432	56,544	1,888	46,853	43,958	2,895
Iloilo	437,498	363,318	74,180	429,300	358,430	70,870
Negros Occidental	489,012	435,115	53,897	497,494	441,510	55,984

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2016			2017		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Hog						
Philippines	**12,478,711**	**7,959,930**	**4,518,781**	**12,427,790**	**8,120,087**	**4,307,703**
NCR	..	..	..	..	..	..
CAR	198,375	192,381	5,994	188,937	184,541	4,396
Abra	24,385	23,930	455	16,498	16,030	468
Apayao	26,680	26,680	..	26,924	26,924	..
Benguet	31,294	28,810	2,484	29,492	27,290	2,202
Ifugao	26,033	23,780	2,253	23,680	22,590	1,090
Kalinga	55,209	54,678	531	58,609	58,150	459
Mountain Province	34,774	34,503	271	33,734	33,557	177
Ilocos Region	555,397	453,777	101,620	577,227	466,116	111,111
Ilocos Norte	118,941	99,816	19,125	143,394	110,303	33,091
Ilocos Sur	69,837	58,840	10,997	69,436	59,735	9,701
La Union	109,242	89,377	19,865	105,734	89,476	16,258
Pangasinan	257,377	205,744	51,633	258,663	206,602	52,061
Cagayan Valley	422,626	381,094	41,532	434,921	399,185	35,736
Batanes	3,399	3,316	83	3,399	3,308	91
Cagayan	206,533	200,368	6,165	226,727	220,827	5,900
Isabela	134,893	111,139	23,754	125,447	107,142	18,305
Nueva Vizcaya	49,092	41,525	7,567	49,230	43,427	5,803
Quirino	28,709	24,746	3,963	30,118	24,481	5,637
Central Luzon	2,237,244	559,045	1,678,199	2,068,617	583,539	1,485,078
Aurora	69,025	67,973	1,052	60,997	59,831	1,166
Bataan	68,402	37,415	30,987	62,529	38,537	23,992
Bulacan	1,232,440	160,943	1,071,497	1,030,032	171,992	858,040
Nueva Ecija	126,679	57,042	69,637	104,822	35,135	69,687
Pampanga	191,988	93,850	98,138	210,699	102,609	108,090
Tarlac	477,818	91,450	386,368	494,781	109,740	385,041
Zambales	70,892	50,372	20,520	104,757	65,695	39,062
CALABARZON	1,665,003	403,519	1,261,484	1,574,746	403,722	1,171,024
Batangas	734,019	169,694	564,325	731,143	174,123	557,020
Cavite	148,460	13,500	134,960	150,830	13,657	137,173
Laguna	192,354	43,775	148,579	182,020	37,729	144,291
Quezon	230,074	157,550	72,524	231,253	158,713	72,540
Rizal	360,096	19,000	341,096	279,500	19,500	260,000
MIMAROPA	570,543	462,788	107,755	602,953	482,731	120,222
Marinduque	85,366	85,193	173	115,187	115,048	139
Occidental Mindoro	72,139	68,035	4,104	64,664	60,603	4,061
Oriental Mindoro	94,179	74,108	20,071	87,586	67,597	19,989
Palawan	261,577	178,262	83,315	280,410	184,450	95,960
Romblon	57,282	57,190	92	55,106	55,033	73
Bicol Region	857,119	742,214	114,905	909,474	776,271	133,203
Albay	166,489	90,664	75,825	202,673	116,090	86,583
Camarines Norte	125,698	105,380	20,318	135,538	109,234	26,304
Camarines Sur	299,797	284,390	15,407	304,181	287,234	16,947
Catanduanes	83,974	83,818	156	83,081	82,980	101
Masbate	98,706	97,535	1,171	98,174	96,971	1,203
Sorsogon	82,455	80,427	2,028	85,827	83,762	2,065
Western Visayas	1,293,661	1,146,484	147,177	1,265,647	1,127,475	138,172
Aklan	113,676	107,330	6,346	110,529	105,312	5,217
Antique	75,790	70,026	5,764	73,549	68,824	4,725
Capiz	133,045	132,045	1,000	132,250	131,150	1,100
Guimaras	30,244	27,116	3,128	29,221	26,657	2,564
Iloilo	436,621	361,310	75,311	407,892	339,612	68,280
Negros Occidental	504,285	448,657	55,628	512,206	455,920	56,286

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2008			2009		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Hog						
Central Visayas	971,210	794,050	177,160	965,643	788,331	177,312
Bohol	285,260	254,580	30,680	277,859	250,605	27,254
Cebu	423,950	305,200	118,750	427,322	304,968	122,354
Negros Oriental	219,600	192,060	27,540	217,883	190,398	27,485
Siquijor	42,400	42,210	190	42,579	42,360	219
Eastern Visayas	988,990	978,570	10,420	1,029,444	1,019,051	10,393
Biliran	26,490	26,430	60	25,982	25,950	32
Eastern Samar	72,360	71,510	850	75,815	75,176	639
Leyte	653,080	651,040	2,040	657,912	655,822	2,090
Northern Samar	95,050	91,850	3,200	103,660	100,250	3,410
Samar (Western Samar)	34,680	34,400	280	60,647	60,368	279
Southern Leyte	107,330	103,340	3,990	105,428	101,485	3,943
Zamboanga Peninsula	809,070	796,780	12,290	801,252	788,933	12,319
Zamboanga del Norte	161,410	157,070	4,340	162,410	158,098	4,312
Zamboanga del Sur	380,250	376,940	3,310	380,551	377,447	3,104
Zamboanga Sibugay	166,250	165,180	1,070	162,586	161,629	957
Zamboanga City	101,160	97,590	3,570	95,705	91,759	3,946
Northern Mindanao	798,020	608,370	189,650	833,926	629,266	204,660
Bukidnon	342,140	200,390	141,750	380,485	223,042	157,443
Camiguin	34,750	34,020	730	34,231	33,525	706
Lanao del Norte	81,720	66,200	15,520	82,491	67,231	15,260
Misamis Occidental	131,550	128,450	3,100	136,538	132,784	3,754
Misamis Oriental	207,860	179,310	28,550	200,181	172,684	27,497
Davao Region	937,640	781,290	156,350	890,166	736,998	153,168
Compostela Valley	135,730	127,580	8,150	144,870	136,650	8,220
Davao del Norte	147,390	109,660	37,730	149,843	112,540	37,303
Davao del Sur	288,340	274,840	13,500	225,728	215,368	10,360
Davao Oriental	135,220	133,990	1,230	133,605	132,800	805
Davao City	230,960	135,220	95,740	236,120	139,640	96,480
SOCCSKSARGEN	849,140	540,810	308,330	839,547	503,843	335,704
North Cotabato	233,220	223,800	9,420	236,134	225,349	10,785
Sarangani	103,730	99,660	4,070	100,790	96,600	4,190
South Cotabato	386,910	106,130	280,780	408,928	100,879	308,049
Sultan Kudarat	125,280	111,220	14,060	93,695	81,015	12,680
Caraga	397,970	392,870	5,100	363,992	357,997	5,995
Agusan del Norte	71,800	69,290	2,510	78,089	74,935	3,154
Agusan del Sur	114,250	113,500	750	95,146	94,345	801
Surigao del Norte	85,140	84,080	1,060	85,738	84,738	1,000
Surigao del Sur	126,780	126,000	780	105,019	103,979	1,040
Dinagat Islands	..	..	..	..	..	..
ARMM	272,480	272,480	..	236,175	236,175	..
Basilan	32,200	32,200	..	36,726	36,726	..
Lanao del Sur	2,450	2,450	..	2,386	2,386	..
Maguindanao	236,800	236,800	..	195,893	195,893	..
Sulu	380	380	..	487	487	..
Tawi-tawi	650	650	..	683	683	..

.. Data not available

[1]Inventory as of 01 January

Western Visayas data includes Negros Occi

Central Visayas data includes Negros Orient

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(concluded)*
2008 to 2017
(In heads)

	2010			2011		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Hog						
Central Visayas	973,113	789,556	183,557	964,005	725,602	238,403
Bohol	289,424	255,181	34,243	301,016	251,600	49,416
Cebu	427,730	305,670	122,060	412,839	249,849	162,990
Negros Oriental	211,549	184,486	27,063	210,661	184,935	25,726
Siquijor	44,410	44,219	191	39,489	39,218	271
Eastern Visayas	978,360	970,911	7,449	763,052	754,604	8,448
Biliran	25,125	25,125	..	17,122	16,950	172
Eastern Samar	59,376	58,800	576	51,496	51,007	489
Leyte	628,070	626,320	1,750	479,056	476,527	2,529
Northern Samar	107,862	104,616	3,246	104,710	101,300	3,410
Samar (Western Samar)	64,854	64,565	289	40,819	40,610	209
Southern Leyte	93,073	91,485	1,588	69,849	68,210	1,639
Zamboanga Peninsula	806,553	791,566	14,987	608,217	586,188	22,029
Zamboanga del Norte	145,671	140,559	5,112	149,049	143,806	5,243
Zamboanga del Sur	375,428	370,800	4,628	265,508	254,653	10,855
Zamboanga Sibugay	165,189	164,534	655	121,387	120,854	533
Zamboanga City	120,265	115,673	4,592	72,273	66,875	5,398
Northern Mindanao	845,511	615,451	230,060	794,101	578,534	215,567
Bukidnon	371,250	190,000	181,250	344,600	179,500	165,100
Camiguin	33,821	33,280	541	33,647	33,230	417
Lanao del Norte	83,430	68,125	15,305	75,485	59,400	16,085
Misamis Occidental	136,244	131,750	4,494	126,913	120,898	6,015
Misamis Oriental	220,766	192,296	28,470	213,456	185,506	27,950
Davao Region	867,193	707,588	159,605	860,594	698,410	162,184
Compostela Valley	127,219	119,645	7,574	134,808	126,387	8,421
Davao del Norte	142,159	106,235	35,924	142,171	103,050	39,121
Davao del Sur	221,668	210,514	11,154	227,593	215,771	11,822
Davao Oriental	136,817	136,204	613	119,646	119,023	623
Davao City	239,330	134,990	104,340	236,376	134,179	102,197
SOCCSKSARGEN	882,010	532,895	349,115	810,132	491,151	318,981
North Cotabato	261,706	247,985	13,721	232,856	222,834	10,022
Sarangani	102,418	98,760	3,658	92,541	89,100	3,441
South Cotabato	421,070	106,836	314,234	400,067	99,110	300,957
Sultan Kudarat	96,816	79,314	17,502	84,668	80,107	4,561
Caraga	341,471	335,090	6,381	310,361	302,823	7,538
Agusan del Norte	77,882	74,150	3,732	72,994	69,350	3,644
Agusan del Sur	84,133	83,110	1,023	79,553	77,970	1,583
Surigao del Norte	78,797	78,233	564	77,848	76,824	1,024
Surigao del Sur	86,047	84,985	1,062	71,475	70,188	1,287
Dinagat Islands	14,612	14,612	..	8,491	8,491	..
ARMM	214,241	214,241	..	164,575	164,575	..
Basilan	38,496	38,496	..	36,203	36,203	..
Lanao del Sur	1,483	1,483	..	1,416	1,416	..
Maguindanao	172,838	172,838	..	125,673	125,673	..
Sulu	550	550	..	500	500	..
Tawi-tawi	874	874	..	783	783	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2012			2013		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Hog						
Central Visayas	960,064	719,489	240,575	929,869	699,328	230,541
Bohol	297,718	247,845	49,873	277,651	232,545	45,106
Cebu	413,606	248,273	165,333	405,948	246,925	159,023
Negros Oriental	207,878	182,983	24,895	206,672	180,691	25,981
Siquijor	40,862	40,388	474	39,598	39,167	431
Eastern Visayas	588,786	579,975	8,811	473,340	464,124	9,216
Biliran	11,220	11,098	122	11,603	11,485	118
Eastern Samar	30,900	30,100	800	25,910	25,000	910
Leyte	392,192	390,182	2,010	298,872	297,042	1,830
Northern Samar	68,146	64,111	4,035	63,878	59,120	4,758
Samar (Western Samar)	42,601	42,416	185	42,786	42,512	274
Southern Leyte	43,727	42,068	1,659	30,291	28,965	1,326
Zamboanga Peninsula	500,064	483,988	16,076	512,501	497,905	14,596
Zamboanga del Norte	145,146	140,145	5,001	160,776	156,096	4,680
Zamboanga del Sur	158,475	154,420	4,055	160,920	156,795	4,125
Zamboanga Sibugay	119,805	119,369	436	110,001	109,647	354
Zamboanga City	76,638	70,054	6,584	80,804	75,367	5,437
Northern Mindanao	897,213	595,157	302,056	901,818	603,790	298,028
Bukidnon	436,080	192,500	243,580	443,500	197,000	246,500
Camiguin	34,103	33,335	768	33,756	33,240	516
Lanao del Norte	81,276	62,800	18,476	79,433	64,200	15,233
Misamis Occidental	126,854	120,522	6,332	130,929	122,250	8,679
Misamis Oriental	218,900	186,000	32,900	214,200	187,100	27,100
Davao Region	858,904	697,517	161,387	811,247	641,396	169,851
Compostela Valley	137,392	127,052	10,340	124,145	115,462	8,683
Davao del Norte	139,885	97,280	42,605	138,437	94,150	44,287
Davao del Sur	216,315	204,497	11,818	187,311	174,177	13,134
Davao Oriental	136,135	135,397	738	121,584	120,912	672
Davao City	229,177	133,291	95,886	239,770	136,695	103,075
SOCCSKSARGEN	806,009	493,487	312,522	795,691	466,794	328,897
North Cotabato	241,930	230,634	11,296	231,116	217,937	13,179
Sarangani	92,439	89,000	3,439	87,413	84,000	3,413
South Cotabato	397,262	100,906	296,356	409,641	98,722	310,919
Sultan Kudarat	74,378	72,947	1,431	67,521	66,135	1,386
Caraga	240,526	232,867	7,659	240,898	232,875	8,023
Agusan del Norte	58,702	55,580	3,122	59,424	55,431	3,993
Agusan del Sur	61,862	59,900	1,962	63,391	61,850	1,541
Surigao del Norte	56,167	54,960	1,207	53,049	51,760	1,289
Surigao del Sur	58,038	56,670	1,368	58,589	57,389	1,200
Dinagat Islands	5,757	5,757	..	6,445	6,445	..
ARMM	109,614	109,614	..	64,854	64,854	..
Basilan	37,651	37,651	..	39,673	39,673	..
Lanao del Sur	1,250	1,250	..	900	900	..
Maguindanao	69,366	69,366	..	22,998	22,998	..
Sulu	533	533	..	545	545	..
Tawi-tawi	814	814	..	738	738	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(continued)*
2008 to 2017
(In heads)

	2014			2015		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Hog						
Central Visayas	898,921	674,765	224,156	939,817	702,096	237,721
Bohol	274,543	230,015	44,528	284,851	239,125	45,726
Cebu	385,190	227,410	157,780	406,896	238,981	167,915
Negros Oriental	198,794	177,316	21,478	207,629	184,060	23,569
Siquijor	40,394	40,024	370	40,441	39,930	511
Eastern Visayas	327,208	317,691	9,517	335,446	324,857	10,589
Biliran	11,717	11,597	120	11,575	11,465	110
Eastern Samar	17,722	17,258	464	26,845	25,773	1,072
Leyte	176,809	174,995	1,814	168,147	166,737	1,410
Northern Samar	53,596	48,724	4,872	55,586	49,962	5,624
Samar (Western Samar)	40,050	39,881	169	44,419	44,221	198
Southern Leyte	27,314	25,236	2,078	28,874	26,699	2,175
Zamboanga Peninsula	502,461	486,580	15,881	517,407	502,890	14,517
Zamboanga del Norte	169,129	164,706	4,423	188,319	183,613	4,706
Zamboanga del Sur	143,760	138,847	4,913	135,820	130,700	5,120
Zamboanga Sibugay	114,353	114,077	276	119,647	119,492	155
Zamboanga City	75,219	68,950	6,269	73,621	69,085	4,536
Northern Mindanao	899,101	604,583	294,518	884,673	587,822	296,851
Bukidnon	444,600	198,750	245,850	442,150	197,500	244,650
Camiguin	32,106	31,745	361	31,152	30,710	442
Lanao del Norte	82,228	66,300	15,928	87,211	68,920	18,291
Misamis Occidental	127,167	121,288	5,879	130,953	124,000	6,953
Misamis Oriental	213,000	186,500	26,500	193,207	166,692	26,515
Davao Region	803,851	641,398	162,453	848,081	697,080	151,001
Compostela Valley	121,629	112,738	8,891	124,462	114,922	9,540
Davao del Norte	136,410	94,340	42,070	134,668	94,225	40,443
Davao del Sur	187,819	173,400	14,419	239,672	226,208	13,464
Davao Oriental	124,251	123,469	782	123,200	122,000	1,200
Davao City	233,742	137,451	96,291	226,079	139,725	86,354
SOCCSKSARGEN	790,533	462,277	328,256	809,139	481,070	328,069
North Cotabato	234,833	221,560	13,273	248,345	234,805	13,540
Sarangani	78,390	75,000	3,390	76,615	73,000	3,615
South Cotabato	409,799	98,917	310,882	407,577	97,463	310,114
Sultan Kudarat	67,511	66,800	711	76,602	75,802	800
Caraga	240,714	229,317	11,397	251,371	234,895	16,476
Agusan del Norte	62,466	57,350	5,116	62,556	57,980	4,576
Agusan del Sur	62,271	58,950	3,321	73,114	64,810	8,304
Surigao del Norte	50,609	49,175	1,434	47,927	46,200	1,727
Surigao del Sur	58,518	56,992	1,526	60,909	59,040	1,869
Dinagat Islands	6,850	6,850	..	6,865	6,865	..
ARMM	68,526	68,526	..	66,868	66,868	..
Basilan	40,401	40,401	..	40,265	40,265	..
Lanao del Sur	875	875	..	615	615	..
Maguindanao	25,969	25,969	..	24,673	24,673	..
Sulu	570	570	..	600	600	..
Tawi-tawi	711	711	..	715	715	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.1
LIVESTOCK INVENTORY[1] BY ANIMAL TYPE, FARM TYPE, AND GEOLOCATION *(concluded)*
2008 to 2017
(In heads)

	2016			2017		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Hog						
Central Visayas	956,692	746,312	210,380	1,012,405	780,509	231,896
Bohol	306,292	261,346	44,946	312,288	261,679	50,609
Cebu	385,336	246,101	139,235	412,361	256,856	155,505
Negros Oriental	221,993	196,341	25,652	243,301	218,003	25,298
Siquijor	43,071	42,524	547	44,455	43,971	484
Eastern Visayas	322,574	312,658	9,916	321,494	309,104	12,390
Biliran	11,629	11,423	206	11,937	11,573	364
Eastern Samar	21,584	21,037	547	20,770	20,146	624
Leyte	173,134	172,264	870	177,506	173,920	3,586
Northern Samar	48,050	42,324	5,726	49,300	44,105	5,195
Samar (Western Samar)	40,258	40,162	96	32,647	32,594	53
Southern Leyte	27,919	25,448	2,471	29,334	26,766	2,568
Zamboanga Peninsula	511,284	501,354	9,930	577,844	569,096	8,748
Zamboanga del Norte	195,393	193,400	1,993	238,035	235,749	2,286
Zamboanga del Sur	119,914	115,956	3,958	133,925	129,976	3,949
Zamboanga Sibugay	120,145	120,061	84	127,506	127,399	107
Zamboanga City	75,832	71,937	3,895	78,378	75,972	2,406
Northern Mindanao	914,639	566,850	347,789	964,349	580,553	383,796
Bukidnon	479,810	186,450	293,360	525,847	195,766	330,081
Camiguin	31,051	30,590	461	32,430	32,030	400
Lanao del Norte	88,247	66,429	21,818	89,655	67,500	22,155
Misamis Occidental	123,837	118,418	5,419	123,032	117,950	5,082
Misamis Oriental	191,694	164,963	26,731	193,385	167,307	26,078
Davao Region	879,102	731,717	147,385	901,331	745,142	156,189
Compostela Valley	126,055	115,830	10,225	126,769	117,664	9,105
Davao del Norte	139,108	100,674	38,434	142,201	101,028	41,173
Davao del Sur	269,738	255,009	14,729	270,229	255,655	14,574
Davao Oriental	121,860	120,400	1,460	132,278	130,823	1,455
Davao City	222,341	139,804	82,537	229,854	139,972	89,882
SOCCSKSARGEN	788,413	470,044	318,369	760,331	456,827	303,504
North Cotabato	231,839	219,355	12,484	224,244	212,355	11,889
Sarangani	77,486	74,000	3,486	73,378	69,900	3,478
South Cotabato	399,402	98,407	300,995	386,067	98,544	287,523
Sultan Kudarat	79,686	78,282	1,404	76,642	76,028	614
Caraga	247,270	230,924	16,346	223,882	211,644	12,238
Agusan del Norte	61,650	58,100	3,550	58,756	55,658	3,098
Agusan del Sur	67,455	57,805	9,650	53,352	48,780	4,572
Surigao del Norte	50,089	48,832	1,257	49,776	47,260	2,516
Surigao del Sur	61,161	59,272	1,889	55,238	53,186	2,052
Dinagat Islands	6,915	6,915	..	6,760	6,760	..
ARMM	58,769	58,769	..	43,632	43,632	..
Basilan	39,212	39,212	..	39,395	39,395	..
Lanao del Sur	595	595	..	565	565	..
Maguindanao	18,038	18,038	..	3,020	3,020	..
Sulu	400	400	..	105	105	..
Tawi-tawi	524	524	..	547	547	..

.. Data not available

[1]Inventory as of 01 January

Source: Philippine Statistics Authority

Table 2.14.2
POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	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	..	..	..	..	..	..	..	..
CAR	1,541,909	160,001	51,654	1,330,254	1,591,640	191,530	66,169	1,333,941
Abra	489,762	..	1,677	488,085	444,970	5,030	1,212	438,728
Apayao	143,989	..	..	143,989	177,803	..	..	177,803
Benguet	153,719	..	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	..	143,039	167,325	1,500	..	165,825
Mountain Province	154,387	..	..	154,387	138,941	..	..	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	..	..	..	..	..	..	..	..
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	..	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	..	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	..	..	338,582	422,723	..	..	422,723
Masbate	1,122,610	..	..	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	..	545,780	1,053,187	403,977	..	649,210
Samar (Western Samar)	284,707	47,000	..	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

Table 2.14.2 (C*ontinued)*

POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2008				2009			
	Total	**Broilers**	**Layers**	**Native**	**Total**	**Broilers**	**Layers**	**Native**
Chicken								
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	..	16,050	634,000	716,704	..	12,670	704,034
Dinagat Islands	..	..	..	..	..	..	..	..
ARMM	2,367,876	..	3,150	2,364,726	2,493,979	..	1,650	2,492,329
Basilan	223,160	..	3,150	220,010	323,510	..	1,650	321,860
Lanao del Sur	759,747	..	..	759,747	509,856	..	..	509,856
Maguindanao	773,410	..	..	773,410	909,832	..	..	909,832
Sulu	486,578	..	..	486,578	585,703	..	..	585,703
Tawi-tawi	124,981	..	..	124,981	165,078	..	..	165,078

.. Data not available
[1] Inventory as of 01 January
Source: Philippine Statistics Authority

Table 2.14.2 (C*ontinued)*

POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(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	..	..	..	..	..	..	..	..
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	..	..	165,162	168,815	..	..	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	..	185,925	176,475	..	..	176,475
Mountain Province	153,853	..	..	153,853	150,078	..	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	..	..	..	..	..	..	..	..
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	..	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	..	..	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	..	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	..	..	530,900	523,942	..	..	523,942
Masbate	1,688,229	..	..	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	..	..	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	..	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	..	3,551	687,792	638,922	..	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

Table 2.14.2 (C*ontinued)*

POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2010				2011			
	Total	**Broilers**	**Layers**	**Native**	**Total**	**Broilers**	**Layers**	**Native**
Chicken								
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	..	..	140,200	144,087	..	1,323	142,764
Lanao del Norte	1,354,140	..	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	..	4,012	1,037,308	1,046,114	..	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	..	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	..	..	55,770	..	..	..	..
ARMM	2,772,323	..	700	2,771,623	2,601,697	..	800	2,600,897
Basilan	302,800	..	700	302,100	243,194	..	800	242,394
Lanao del Sur	929,448	..	..	929,448	1,089,017	..	..	1,089,017
Maguindanao	774,575	..	..	774,575	480,867	..	..	480,867
Sulu	582,822	..	..	582,822	602,870	..	..	602,870
Tawi-tawi	182,678	..	..	182,678	185,749	..	..	185,749

.. Data not available
Source: Philippine Statistics Authority

Table 2.14.2 (C*ontinued)*

POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	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	..	..	..	..	..	..	..	..
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	..	444,037	441,181	4,898	..	436,283
Apayao	169,054	..	..	169,054	179,712	..	..	179,712
Benguet	244,855	..	21,861	222,994	290,894	..	33,803	257,091
Ifugao	326,413	..	37,218	289,195	322,856	..	34,891	287,965
Kalinga	182,766	..	..	182,766	229,484	..	..	229,484
Mountain Province	152,833	..	2,000	150,833	153,221	..	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	..	..	..	..	..	..	..	..
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	..	106,730	124,134	11,432	..	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	..	16,051	424,447	373,274	..	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	..	521,212	533,150	20,456	..	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	..	375,800	380,700	..	..	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	..	684	341,762	56,484	..	3,398	53,086
Masbate	1,138,273	35,841	..	1,102,432	1,000,127	37,708	..	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	..	94,005	121,405	..	1,360	120,045
Eastern Samar	175,200	5,000	..	170,200	184,150	5,200	..	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	..	289,684	233,002	63,850	..	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	..	2,250	629,119	588,191	..	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

Table 2.14.2 (C*ontinued)*

POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2012				2013			
	Total	**Broilers**	**Layers**	**Native**	**Total**	**Broilers**	**Layers**	**Native**
Chicken								
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	..	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	..	6,745	1,038,379	1,014,489	..	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	..	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	..	..	780,679	735,340	..	..	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	..	48,405	47,380	2,900	..	44,480
ARMM	2,436,827	..	4,000	2,432,827	2,181,112	500	4,190	2,176,422
Basilan	261,280	..	850	260,430	290,554	500	800	289,254
Lanao del Sur	1,082,372	..	..	1,082,372	944,480	..	..	944,480
Maguindanao	367,573	..	3,150	364,423	253,434	..	3,390	250,044
Sulu	537,740	..	..	537,740	502,885	..	..	502,885
Tawi-tawi	187,862	..	..	187,862	189,759	..	..	189,759

.. Data not available
Source: Philippine Statistics Authority

Table 2.14.2 (C*ontinued)*

POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(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	..	..	..	..	..	..	...	...
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	..	338,152	279,754	4,494	..	275,260
Apayao	178,176	..	..	178,176	203,163	24,000	..	179,163
Benguet	241,660	..	28,721	212,939	211,293	..	29,314	181,979
Ifugao	335,754	..	43,350	292,404	454,162	..	86,812	367,350
Kalinga	263,600	..	..	263,600	269,068	..	11,300	257,768
Mountain Province	159,678	..	7,950	151,728	165,606	..	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	..	113,632	125,375	11,700	..	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	..	16,570	397,351	539,685	..	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	..	501,236	536,708	23,297	..	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	..	..	399,676	436,578	30,368	..	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	..	2,131	61,950
Masbate	869,991	35,267	..	834,724	812,719	36,142	..	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	..	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	..	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	..	..	97,549	76,491	..	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	..	138,463	210,337	73,286	..	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	..	1,256	590,686	592,872	..	..	592,872
Zamboanga City	1,926,185	994,514	348,185	583,486	2,135,636	1,132,700	399,500	603,436

Table 2.14.2 (C*ontinued)*

POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2014				2015			
	Total	**Broilers**	**Layers**	**Native**	**Total**	**Broilers**	**Layers**	**Native**
Chicken								
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	..	814,500	918,000	118,000	..	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	..	735,321	655,152	4,000	..	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	..	4,249	2,008,170	2,098,788	..	3,700	2,095,088
Basilan	332,016	..	1,300	330,716	326,603	..	900	325,703
Lanao del Sur	754,047	..	..	754,047	825,482	..	..	825,482
Maguindanao	230,414	..	2,949	227,465	218,771	..	2,800	215,971
Sulu	507,644	..	..	507,644	528,407	..	..	528,407
Tawi-tawi	188,298	..	..	188,298	199,525	..	..	199,525

.. Data not available
Source: Philippine Statistics Authority

Table 2.14.2 (C*ontinued)*

POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2016				2017			
	Total	Broilers	Layers	Native	Total	Broilers	Layers	Native
Chicken								
Philippines	**178,792,807**	**65,713,051**	**32,227,250**	**80,852,506**	**175,316,918**	**62,444,399**	**34,473,562**	**78,398,957**
NCR	..	..	...	...	..	..	..	..
CAR	1,564,252	4,300	137,734	1,422,218	1,470,545	11,888	130,697	1,327,960
Abra	275,940	4,300	..	271,640	259,197	4,297	..	254,900
Apayao	177,399	..	..	177,399	150,288	7,591	..	142,697
Benguet	204,700	..	23,335	181,365	188,719	..	13,942	174,777
Ifugao	513,729	..	94,949	418,780	539,058	..	101,503	437,555
Kalinga	216,040	..	4,000	212,040	167,458	..	3,991	163,467
Mountain Province	176,444	..	15,450	160,994	165,825	..	11,261	154,564
Ilocos Region	11,631,311	5,031,289	568,069	6,031,953	9,263,459	3,802,795	789,921	4,670,743
Ilocos Norte	1,609,393	450,674	256,849	901,870	1,497,886	249,219	430,586	818,081
Ilocos Sur	1,145,847	205,708	41,765	898,374	1,159,335	256,800	74,639	827,896
La Union	1,682,077	411,913	137,103	1,133,061	1,575,946	411,873	118,331	1,045,742
Pangasinan	7,193,994	3,962,994	132,352	3,098,648	5,030,292	2,884,903	166,365	1,979,024
Cagayan Valley	7,058,396	1,718,266	541,450	4,798,680	7,349,890	2,354,836	656,043	4,339,011
Batanes	14,449	55	3,758	10,636	8,966	..	1,881	7,085
Cagayan	2,598,579	340,068	33,200	2,225,311	2,126,680	219,966	40,023	1,866,691
Isabela	2,614,920	964,573	397,242	1,253,105	3,609,081	1,909,920	475,494	1,223,667
Nueva Vizcaya	1,048,762	320,510	37,950	690,302	808,285	141,000	35,145	632,140
Quirino	781,686	93,060	69,300	619,326	796,878	83,950	103,500	609,428
Central Luzon	34,788,208	19,143,421	7,344,631	8,300,156	27,461,705	13,105,904	7,570,899	6,784,902
Aurora	143,850	14,460	3,500	125,890	134,688	11,600	6,348	116,740
Bataan	4,491,557	3,973,405	133,000	385,152	1,922,409	1,457,428	112,300	352,681
Bulacan	6,278,314	3,194,862	2,335,689	747,763	4,454,097	1,521,713	1,902,811	1,029,573
Nueva Ecija	8,825,309	5,868,940	413,635	2,542,734	5,063,628	3,127,019	374,704	1,561,905
Pampanga	9,265,939	3,803,848	3,618,667	1,843,424	9,146,248	3,258,294	4,610,062	1,277,892
Tarlac	4,647,344	2,225,405	832,145	1,589,794	5,140,418	3,144,150	556,924	1,439,344
Zambales	1,135,895	62,501	7,995	1,065,399	1,600,217	585,700	7,750	1,006,767
CALABARZON	27,105,692	11,404,949	12,660,997	3,039,746	26,856,204	11,359,722	12,614,124	2,882,358
Batangas	14,762,376	3,756,450	9,588,675	1,417,251	14,406,081	3,609,587	9,484,828	1,311,666
Cavite	1,303,232	777,179	433,000	93,053	1,740,940	1,171,160	475,964	93,816
Laguna	2,666,485	2,198,422	384,132	83,931	2,612,813	2,121,904	412,746	78,163
Quezon	4,379,849	2,604,148	355,190	1,420,511	4,219,370	2,456,571	390,586	1,372,213
Rizal	3,993,750	2,068,750	1,900,000	25,000	3,877,000	2,000,500	1,850,000	26,500
MIMAROPA	4,125,670	212,236	131,277	3,782,157	4,145,719	175,969	91,393	3,878,357
Marinduque	98,502	7,750	5,425	85,327	109,893	6,600	11,193	92,100
Occidental Mindoro	515,720	..	16,193	499,527	490,833	..	10,445	480,388
Oriental Mindoro	565,173	137,392	93,209	334,572	499,445	90,004	59,501	349,940
Palawan	2,409,299	41,359	16,450	2,351,490	2,481,211	49,483	10,254	2,421,474
Romblon	536,976	25,735	..	511,241	564,337	29,882	..	534,455
Bicol Region	9,992,146	4,532,982	669,294	4,789,870	10,388,300	4,965,703	614,673	4,807,924
Albay	2,345,837	852,000	83,077	1,410,760	1,546,977	262,000	87,656	1,197,321
Camarines Norte	615,468	132,108	..	483,360	728,099	140,269	..	587,830
Camarines Sur	5,260,177	3,400,315	562,330	1,297,532	6,290,545	4,337,715	499,594	1,453,236
Catanduanes	71,080	8,425	647	62,008	73,585	7,454	1,023	65,108
Masbate	833,670	39,684	..	793,986	864,624	39,765	..	824,859
Sorsogon	865,914	100,450	23,240	742,224	884,470	178,500	26,400	679,570
Western Visayas	19,593,896	5,201,191	1,599,787	12,792,918	20,337,883	5,896,729	1,572,420	12,868,734
Aklan	751,326	9,510	3,477	738,339	905,301	161,163	14,690	729,448
Antique	1,099,043	3,000	77,480	1,018,563	939,170	3,830	66,025	869,315
Capiz	2,507,370	886,720	300,500	1,320,150	2,650,220	891,000	314,060	1,445,160
Guimaras	456,155	..	29,450	426,705	451,235	..	32,950	418,285
Iloilo	6,913,370	2,161,065	591,622	4,160,683	7,073,897	2,362,494	545,813	4,165,590
Negros Occidental	7,866,632	2,140,896	597,258	5,128,478	8,318,060	2,478,242	598,882	5,240,936
Central Visayas	13,037,027	3,034,096	2,429,109	7,573,822	14,168,982	4,059,564	2,873,533	7,235,885
Bohol	3,495,644	1,035,300	248,972	2,211,372	3,494,575	1,164,800	325,021	2,004,754
Cebu	7,127,770	1,885,178	2,153,333	3,089,259	8,122,380	2,681,596	2,525,738	2,915,046
Negros Oriental	1,821,282	112,564	17,506	1,691,212	1,956,316	212,818	11,673	1,731,825
Siquijor	592,331	1,054	9,298	581,979	595,711	350	11,101	584,260
Eastern Visayas	2,272,502	295,516	223,984	1,753,002	2,737,902	727,275	330,566	1,680,061
Biliran	182,337	600	5,633	176,104	184,728	1,838	8,540	174,350
Eastern Samar	81,163	..	1,000	80,163	97,592	1,500	5,000	91,092
Leyte	890,443	136,346	103,006	651,091	1,349,060	528,500	170,200	650,360
Northern Samar	213,516	70,980	..	142,536	156,260	18,615	7,000	130,645
Samar (Western Samar)	533,171	78,180	62,706	392,285	494,380	88,467	71,923	333,990
Southern Leyte	371,872	9,410	51,639	310,823	455,882	88,355	67,903	299,624
Zamboanga Peninsula	5,643,355	1,269,702	443,641	3,930,012	5,882,033	1,195,620	546,960	4,139,453
Zamboanga del Norte	1,916,690	4,902	73,297	1,838,491	1,927,271	5,213	122,107	1,799,951
Zamboanga del Sur	948,290	40,800	22,590	884,900	1,042,677	50,507	60,000	932,170
Zamboanga Sibugay	599,740	..	..	599,740	630,922	..	..	630,922
Zamboanga City	2,178,635	1,224,000	347,754	606,881	2,281,163	1,139,900	364,853	776,410

Table 2.14.2 (C*oncluded)*

POULTRY INVENTORY[1] BY ANIMAL TYPE, FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2016				2017			
	Total	**Broilers**	**Layers**	**Native**	**Total**	**Broilers**	**Layers**	**Native**
Chicken								
Northern Mindanao	18,955,939	7,746,405	3,434,974	7,774,560	20,194,790	8,436,868	3,597,808	8,160,114
Bukidnon	8,139,353	2,350,000	2,734,910	3,054,443	8,974,288	2,691,000	2,750,554	3,532,734
Camiguin	163,029	2,733	4,596	155,700	141,182	..	5,052	136,130
Lanao del Norte	1,824,420	6,000	51,890	1,766,530	1,865,250	8,550	46,100	1,810,600
Misamis Occidental	1,842,338	372,672	73,698	1,395,968	1,789,932	427,528	102,059	1,260,345
Misamis Oriental	6,986,799	5,015,000	569,880	1,401,919	7,424,138	5,309,790	694,043	1,420,305
Davao Region	12,589,929	3,983,322	1,317,719	7,288,888	13,770,535	4,601,120	1,515,012	7,654,403
Compostela Valley	1,148,370	19,700	34,950	1,093,720	1,558,944	132,591	33,735	1,392,618
Davao del Norte	2,655,969	182,645	49,511	2,423,813	2,204,006	138,039	57,868	2,008,099
Davao del Sur	1,614,058	308,639	94,661	1,210,758	1,998,730	651,401	70,326	1,277,003
Davao Oriental	877,757	11,617	37,420	828,720	1,175,266	6,985	36,684	1,131,597
Davao City	6,293,775	3,460,721	1,101,177	1,731,877	6,833,589	3,672,104	1,316,399	1,845,086
SOCCSKSARGEN	6,585,738	1,872,161	436,656	4,276,921	7,463,532	1,424,022	1,317,536	4,721,974
North Cotabato	1,861,223	21,130	102,581	1,737,512	2,230,086	46,330	118,932	2,064,824
Sarangani	862,000	162,000	..	700,000	875,900	225,900	..	650,000
South Cotabato	3,157,174	1,687,262	334,075	1,135,837	3,713,855	1,150,847	1,198,604	1,364,404
Sultan Kudarat	705,341	1,769	..	703,572	643,691	945	..	642,746
Caraga	1,931,339	263,215	287,428	1,380,696	1,958,954	326,384	251,477	1,381,093
Agusan del Norte	591,569	61,705	114,214	415,650	648,276	154,214	83,462	410,600
Agusan del Sur	719,491	198,400	136,391	384,700	712,319	151,797	134,994	425,528
Surigao del Norte	233,159	780	20,665	211,714	195,020	2,450	18,945	173,625
Surigao del Sur	329,827	1,450	8,377	320,000	346,664	17,098	8,566	321,000
Dinagat Islands	57,293	880	7,781	48,632	56,675	825	5,510	50,340
ARMM	1,917,407	..	500	1,916,907	1,866,485	..	500	1,865,985
Basilan	321,883	..	500	321,383	346,846	..	500	346,346
Lanao del Sur	875,400	..	..	875,400	853,405	..	..	853,405
Maguindanao	67,608	..	..	67,608	53,819	..	..	53,819
Sulu	499,915	..	..	499,915	458,072	..	..	458,072
Tawi-tawi	152,601	..	..	152,601	154,343	..	..	154,343

.. Data not available
Source: Philippine Statistics Authority

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2008			2009		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Duck						
Philippines	**10,508,205**	**7,574,061**	**2,934,144**	**10,577,395**	**7,761,740**	**2,815,655**
NCR	..	..	..	..	..	..
CAR	205,122	204,322	800	221,575	221,465	110
Abra	10,257	10,257	..	10,662	10,662	..
Apayao	24,069	23,269	800	23,213	23,103	110
Benguet	9,632	9,632	..	8,582	8,582	..
Ifugao	76,106	76,106	..	86,571	86,571	..
Kalinga	79,846	79,846	..	85,590	85,590	..
Mountain Province	5,212	5,212	..	6,957	6,957	..
Ilocos Region	339,787	291,101	48,686	359,226	313,697	45,529
Ilocos Norte	33,288	32,328	960	39,128	39,128	..
Ilocos Sur	16,800	12,800	4,000	14,925	14,725	200
La Union	42,042	41,600	442	59,573	59,240	333
Pangasinan	247,657	204,373	43,284	245,600	200,604	44,996
Cagayan Valley	1,373,300	1,133,983	239,317	1,435,146	1,209,553	225,593
Batanes	..	..	..	..	..	..
Cagayan	342,612	214,653	127,959	331,332	213,615	117,717
Isabela	541,826	442,732	99,094	528,644	433,371	95,273
Nueva Vizcaya	174,414	163,622	10,792	238,117	227,507	10,610
Quirino	314,448	312,976	1,472	337,053	335,060	1,993
Central Luzon	2,364,249	993,236	1,371,013	2,454,226	1,044,675	1,409,551
Aurora	42,419	39,154	3,265	39,015	35,550	3,465
Bataan	97,758	44,500	53,258	149,743	95,376	54,367
Bulacan	278,061	185,661	92,400	279,989	157,693	122,296
Nueva Ecija	399,714	242,420	157,294	458,940	270,320	188,620
Pampanga	1,022,124	87,263	934,861	1,014,272	82,548	931,724
Tarlac	510,300	384,150	126,150	477,634	375,364	102,270
Zambales	13,873	10,088	3,785	34,633	27,824	6,809
CALABARZON	902,776	196,402	706,374	681,852	192,315	489,537
Batangas	66,743	50,743	16,000	66,694	48,961	17,733
Cavite	25,943	12,847	13,096	27,206	11,215	15,991
Laguna	595,271	50,564	544,707	381,332	52,968	328,364
Quezon	115,120	47,560	67,560	116,000	47,600	68,400
Rizal	99,699	34,688	65,011	90,620	31,571	59,049
MIMAROPA	164,606	144,741	19,865	184,175	151,978	32,197
Marinduque	4,614	4,614	..	4,845	4,845	..
Occidental Mindoro	80,287	80,287	..	67,447	67,447	..
Oriental Mindoro	30,822	10,957	19,865	51,227	19,030	32,197
Palawan	42,822	42,822	..	54,469	54,469	..
Romblon	6,061	6,061	..	6,187	6,187	..
Bicol Region	310,523	226,587	83,936	364,530	282,722	81,808
Albay	68,406	49,064	19,342	85,079	67,562	17,517
Camarines Norte	43,191	28,941	14,250	48,634	35,162	13,472
Camarines Sur	136,016	89,714	46,302	166,713	119,775	46,938
Catanduanes	7,590	7,590	..	6,648	6,648	..
Masbate	11,892	11,892	..	12,085	12,085	..
Sorsogon	43,428	39,386	4,042	45,371	41,490	3,881
Western Visayas	1,473,100	1,421,895	51,205	1,505,949	1,453,340	52,609
Aklan	71,350	67,850	3,500	66,478	64,458	2,020
Antique	209,777	178,377	31,400	208,394	172,974	35,420
Capiz	147,448	147,153	295	144,918	144,586	332
Guimaras	22,660	22,660	..	21,216	21,216	..
Iloilo	620,955	615,235	5,720	619,609	614,230	5,379
Negros Occidental	400,910	390,620	10,290	445,334	435,876	9,458

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2010			2011		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Duck						
Philippines	**10,268,012**	**7,723,677**	**2,544,335**	**10,126,364**	**7,461,861**	**2,664,503**
NCR	..	..	..	..	..	..
CAR	201,742	201,742	..	217,325	217,325	..
Abra	10,197	10,197	..	10,692	10,692	..
Apayao	21,101	21,101	..	22,077	22,077	..
Benguet	7,538	7,538	..	5,503	5,503	..
Ifugao	75,234	75,234	..	83,433	83,433	..
Kalinga	81,581	81,581	..	89,439	89,439	..
Mountain Province	6,091	6,091	..	6,181	6,181	..
Ilocos Region	368,065	332,323	35,742	369,586	329,866	39,720
Ilocos Norte	45,800	45,800	..	44,870	44,870	..
Ilocos Sur	15,845	15,595	250	14,820	14,520	300
La Union	55,630	55,380	250	60,741	56,686	4,055
Pangasinan	250,790	215,548	35,242	249,155	213,790	35,365
Cagayan Valley	1,294,500	1,114,602	179,898	1,116,580	941,505	175,075
Batanes	..	..	..	..	..	..
Cagayan	324,290	222,119	102,171	342,760	235,387	107,373
Isabela	508,369	434,152	74,217	497,118	432,445	64,673
Nueva Vizcaya	195,136	192,736	2,400	132,771	131,000	1,771
Quirino	266,705	265,595	1,110	143,931	142,673	1,258
Central Luzon	2,522,850	1,062,471	1,460,379	2,579,719	998,674	1,581,045
Aurora	35,028	30,430	4,598	28,393	23,643	4,750
Bataan	171,031	110,000	61,031	187,984	123,120	64,864
Bulacan	324,383	131,645	192,738	378,937	110,554	268,383
Nueva Ecija	450,579	276,175	174,404	501,677	263,942	237,735
Pampanga	1,019,638	83,360	936,278	990,982	84,798	906,184
Tarlac	474,917	407,480	67,437	443,038	361,335	81,703
Zambales	47,274	23,381	23,893	48,708	31,282	17,426
CALABARZON	370,355	181,855	188,500	363,184	178,360	184,824
Batangas	65,390	45,910	19,480	62,398	43,892	18,506
Cavite	34,259	12,715	21,544	33,279	11,975	21,304
Laguna	76,440	48,927	27,513	91,755	49,619	42,136
Quezon	115,700	47,500	68,200	116,400	47,700	68,700
Rizal	78,566	26,803	51,763	59,352	25,174	34,178
MIMAROPA	198,649	165,469	33,180	206,368	170,867	35,501
Marinduque	4,142	4,142	..	3,935	3,935	..
Occidental Mindoro	69,169	69,169	..	65,919	65,919	..
Oriental Mindoro	52,470	19,290	33,180	54,178	18,677	35,501
Palawan	66,698	66,698	..	75,723	75,723	..
Romblon	6,170	6,170	..	6,613	6,613	..
Bicol Region	376,273	304,421	71,852	403,583	338,506	65,077
Albay	107,415	91,885	15,530	161,233	141,684	19,549
Camarines Norte	34,686	23,811	10,875	29,122	20,100	9,022
Camarines Sur	160,142	118,877	41,265	153,501	120,406	33,095
Catanduanes	9,552	9,552	..	7,030	7,030	..
Masbate	14,652	14,652	..	11,796	11,796	..
Sorsogon	49,826	45,644	4,182	40,901	37,490	3,411
Western Visayas	1,598,655	1,534,305	64,350	1,579,443	1,517,418	62,025
Aklan	51,119	49,458	1,661	48,449	47,076	1,373
Antique	225,537	177,677	47,860	196,654	150,933	45,721
Capiz	148,857	148,589	268	155,199	154,945	254
Guimaras	20,125	20,125	..	15,393	15,393	..
Iloilo	693,526	688,462	5,064	694,637	689,487	5,150
Negros Occidental	459,491	449,994	9,497	469,111	459,584	9,527

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2012			2013		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Duck						
Philippines	**10,011,483**	**7,329,643**	**2,681,840**	**10,134,884**	**7,343,118**	**2,791,766**
NCR	..	..	..	..	..	..
CAR	210,857	210,857	..	192,850	192,850	..
Abra	11,601	11,601	..	11,192	11,192	..
Apayao	23,855	23,855	..	24,637	24,637	..
Benguet	3,362	3,362	..	3,530	3,530	..
Ifugao	81,940	81,940	..	68,754	68,754	..
Kalinga	83,341	83,341	..	77,810	77,810	..
Mountain Province	6,758	6,758	..	6,927	6,927	..
Ilocos Region	371,934	333,028	38,906	371,619	341,407	30,212
Ilocos Norte	49,357	49,357	..	60,500	60,500	..
Ilocos Sur	13,295	13,045	250	13,080	12,850	230
La Union	65,210	58,580	6,630	56,186	55,093	1,093
Pangasinan	244,072	212,046	32,026	241,853	212,964	28,889
Cagayan Valley	1,094,056	925,103	168,953	1,127,060	958,936	168,124
Batanes	..	..	..	..	..	..
Cagayan	357,966	251,425	106,541	366,105	255,749	110,356
Isabela	496,639	436,647	59,992	511,790	455,232	56,558
Nueva Vizcaya	144,970	143,730	1,240	157,880	156,670	1,210
Quirino	94,481	93,301	1,180	91,285	91,285	..
Central Luzon	2,575,408	918,028	1,657,380	2,833,028	1,042,747	1,790,281
Aurora	23,918	20,208	3,710	24,100	19,785	4,315
Bataan	221,544	155,429	66,115	236,775	168,525	68,250
Bulacan	444,883	76,104	368,779	562,260	55,530	506,730
Nueva Ecija	470,808	224,925	245,883	493,291	239,732	253,559
Pampanga	987,641	83,720	903,921	963,571	79,172	884,399
Tarlac	381,564	326,068	55,496	515,937	447,085	68,852
Zambales	45,050	31,574	13,476	37,094	32,918	4,176
CALABARZON	324,299	174,342	149,957	318,347	164,939	153,408
Batangas	51,892	43,992	7,900	48,250	43,101	5,149
Cavite	21,179	9,112	12,067	16,887	7,714	9,173
Laguna	92,678	51,678	41,000	98,330	46,748	51,582
Quezon	115,700	47,350	68,350	116,750	48,850	67,900
Rizal	42,850	22,210	20,640	38,130	18,526	19,604
MIMAROPA	207,318	170,852	36,466	203,813	166,218	37,595
Marinduque	2,913	2,913	..	2,920	2,920	..
Occidental Mindoro	62,433	62,433	..	52,856	52,856	..
Oriental Mindoro	54,676	18,210	36,466	56,023	18,428	37,595
Palawan	81,587	81,587	..	85,764	85,764	..
Romblon	5,709	5,709	..	6,250	6,250	..
Bicol Region	378,159	325,075	53,084	344,545	304,900	39,645
Albay	162,427	145,225	17,202	136,365	127,326	9,039
Camarines Norte	26,051	18,200	7,851	24,676	17,120	7,556
Camarines Sur	129,333	104,175	25,158	121,219	101,310	19,909
Catanduanes	5,064	5,064	..	3,694	3,694	..
Masbate	13,088	13,088	..	11,806	11,806	..
Sorsogon	42,196	39,323	2,873	46,785	43,644	3,141
Western Visayas	1,586,924	1,524,105	62,819	1,443,258	1,381,768	61,490
Aklan	51,218	49,761	1,457	50,332	48,846	1,486
Antique	181,260	134,762	46,498	179,024	133,893	45,131
Capiz	174,889	174,641	248	176,184	175,922	262
Guimaras	11,196	11,196	..	13,117	13,117	..
Iloilo	695,807	690,747	5,060	551,190	546,482	4,708
Negros Occidental	472,554	462,998	9,556	473,411	463,508	9,903

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2014			2015		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Duck						
Philippines	**9,885,775**	**7,079,780**	**2,805,995**	**10,066,727**	**7,023,523**	**3,043,204**
NCR	..	..	..	..	..	..
CAR	192,330	192,025	305	205,027	205,027	..
Abra	10,290	10,290	..	8,883	8,883	..
Apayao	25,076	24,771	305	24,834	24,834	..
Benguet	4,654	4,654	..	7,044	7,044	..
Ifugao	61,880	61,880	..	75,980	75,980	..
Kalinga	80,140	80,140	..	81,293	81,293	..
Mountain Province	10,290	10,290	..	6,993	6,993	..
Ilocos Region	365,336	331,476	33,860	385,699	358,117	27,582
Ilocos Norte	45,220	45,220	..	60,270	60,270	..
Ilocos Sur	13,575	13,374	201	14,941	14,941	..
La Union	65,645	60,371	5,274	64,928	63,418	1,510
Pangasinan	240,896	212,511	28,385	245,560	219,488	26,072
Cagayan Valley	1,099,531	938,533	160,998	1,115,584	963,272	152,312
Batanes	434	434	..	527	527	..
Cagayan	360,916	253,353	107,563	385,959	274,974	110,985
Isabela	485,910	433,593	52,317	485,610	444,283	41,327
Nueva Vizcaya	166,771	165,653	1,118	170,341	170,341	..
Quirino	85,500	85,500	..	73,147	73,147	..
Central Luzon	2,974,144	1,173,832	1,800,312	3,208,086	1,176,076	2,032,010
Aurora	23,579	21,139	2,440	24,474	23,189	1,285
Bataan	298,736	231,380	67,356	304,091	235,741	68,350
Bulacan	732,483	96,598	635,885	1,005,768	142,300	863,468
Nueva Ecija	447,181	193,919	253,262	453,028	199,118	253,910
Pampanga	852,893	74,463	778,430	863,614	81,375	782,239
Tarlac	579,684	520,255	59,429	515,084	456,952	58,132
Zambales	39,588	36,078	3,510	42,027	37,401	4,626
CALABARZON	308,559	148,195	160,364	289,993	142,375	147,618
Batangas	36,915	32,550	4,365	28,850	25,350	3,500
Cavite	13,503	6,530	6,973	11,200	5,800	5,400
Laguna	104,833	46,615	58,218	99,450	47,000	52,450
Quezon	136,308	45,500	90,808	129,493	43,225	86,268
Rizal	17,000	17,000	..	21,000	21,000	..
MIMAROPA	211,361	174,743	36,618	218,266	185,161	33,105
Marinduque	2,632	2,632	..	2,455	2,455	..
Occidental Mindoro	58,164	58,164	..	56,361	56,361	..
Oriental Mindoro	54,493	17,875	36,618	49,294	16,189	33,105
Palawan	88,998	88,998	..	100,982	100,982	..
Romblon	7,074	7,074	..	9,174	9,174	..
Bicol Region	362,274	314,566	47,708	390,837	325,793	65,044
Albay	150,001	140,058	9,943	167,653	151,830	15,823
Camarines Norte	27,620	15,270	12,350	34,923	14,902	20,021
Camarines Sur	124,131	101,778	22,353	128,844	102,347	26,497
Catanduanes	3,275	3,275	..	2,345	2,345	..
Masbate	8,698	8,698	..	8,734	8,734	..
Sorsogon	48,549	45,487	3,062	48,338	45,635	2,703
Western Visayas	1,420,401	1,358,404	61,997	1,393,819	1,333,515	60,304
Aklan	49,560	46,993	2,567	50,147	48,013	2,134
Antique	178,264	133,448	44,816	176,266	132,853	43,413
Capiz	174,731	174,461	270	173,435	173,348	87
Guimaras	16,008	16,008	..	15,360	15,360	..
Iloilo	531,821	527,358	4,463	506,272	501,752	4,520
Negros Occidental	470,017	460,136	9,881	472,339	462,189	10,150

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2016			2017		
	Total	**Backyard**	**Commercial**	**Total**	**Backyard**	**Commercial**
Duck						
Philippines	**10,518,539**	**7,235,535**	**3,283,004**	**10,841,959**	**7,467,826**	**3,374,133**
NCR	..	..	..	..	..	..
CAR	209,051	209,051	..	248,155	248,155	..
Abra	8,410	8,410	..	7,990	7,990	..
Apayao	25,541	25,541	..	25,068	25,068	..
Benguet	7,310	7,310	..	5,839	5,839	..
Ifugao	76,000	76,000	..	113,065	113,065	..
Kalinga	84,963	84,963	..	89,210	89,210	..
Mountain Province	6,827	6,827	..	6,983	6,983	..
Ilocos Region	396,914	369,179	27,735	382,687	376,279	6,408
Ilocos Norte	48,792	48,792	..	46,558	46,558	..
Ilocos Sur	30,974	30,974	..	50,982	50,982	..
La Union	71,522	71,522	..	56,406	56,361	45
Pangasinan	245,626	217,891	27,735	228,741	222,378	6,363
Cagayan Valley	1,119,997	987,441	132,556	1,133,770	1,010,097	123,673
Batanes	634	634	..	485	485	..
Cagayan	391,200	285,768	105,432	401,236	304,818	96,418
Isabela	492,952	465,828	27,124	492,210	464,955	27,255
Nueva Vizcaya	163,661	163,661	..	164,981	164,981	..
Quirino	71,550	71,550	..	74,858	74,858	..
Central Luzon	3,410,575	1,122,628	2,287,947	3,452,527	1,063,348	2,389,179
Aurora	28,088	23,465	4,623	28,103	24,363	3,740
Bataan	307,401	237,351	70,050	304,953	257,074	47,879
Bulacan	1,215,602	142,102	1,073,500	1,242,207	100,096	1,142,111
Nueva Ecija	467,033	199,910	267,123	502,005	200,301	301,704
Pampanga	883,028	78,189	804,839	897,955	89,615	808,340
Tarlac	464,695	399,950	64,745	415,947	335,062	80,885
Zambales	44,728	41,661	3,067	61,357	56,837	4,520
CALABARZON	314,099	144,905	169,194	326,594	159,865	166,729
Batangas	20,026	20,026	..	16,991	16,991	..
Cavite	9,212	5,162	4,050	8,155	5,110	3,045
Laguna	100,063	47,009	53,054	117,986	67,091	50,895
Quezon	161,798	49,708	112,090	163,462	50,673	112,789
Rizal	23,000	23,000	..	20,000	20,000	..
MIMAROPA	202,362	197,513	4,849	206,607	198,185	8,422
Marinduque	2,345	2,345	..	3,259	3,259	..
Occidental Mindoro	59,482	59,482	..	60,656	60,656	..
Oriental Mindoro	19,423	14,574	4,849	20,591	15,295	5,296
Palawan	112,317	112,317	..	114,491	111,365	3,126
Romblon	8,795	8,795	..	7,610	7,610	..
Bicol Region	425,889	350,893	74,996	488,903	405,972	82,931
Albay	186,884	165,914	20,970	204,371	180,120	24,251
Camarines Norte	37,504	15,904	21,600	38,224	15,912	22,312
Camarines Sur	141,223	110,704	30,519	177,112	142,015	35,097
Catanduanes	2,112	2,112	..	2,260	2,260	..
Masbate	8,906	8,906	..	9,277	9,277	..
Sorsogon	49,260	47,353	1,907	57,659	56,388	1,271
Western Visayas	1,420,076	1,361,617	58,459	1,396,445	1,338,449	57,996
Aklan	48,882	47,465	1,417	55,551	53,691	1,860
Antique	172,831	130,786	42,045	171,491	128,912	42,579
Capiz	171,200	171,200	..	172,622	172,500	122
Guimaras	13,554	13,554	..	13,647	13,647	..
Iloilo	538,465	533,890	4,575	507,326	503,950	3,376
Negros Occidental	475,144	464,722	10,422	475,808	465,749	10,059

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2008			2009		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Duck						
Central Visayas	131,777	127,965	3,812	143,555	137,580	5,975
Bohol	26,364	26,364	..	28,429	28,429	..
Cebu	28,890	28,890	..	27,087	27,087	..
Negros Oriental	75,362	71,550	3,812	86,899	80,924	5,975
Siquijor	1,161	1,161	..	1,140	1,140	..
Eastern Visayas	489,818	398,180	91,638	446,545	357,233	89,312
Biliran	8,444	7,004	1,440	6,015	5,015	1,000
Eastern Samar	7,346	7,346	..	6,870	6,870	..
Leyte	409,919	327,859	82,060	393,101	311,890	81,211
Northern Samar	40,464	40,464	..	21,185	21,185	..
Samar (Western Samar)	14,713	14,713	..	11,580	11,580	..
Southern Leyte	8,932	794	8,138	7,794	693	7,101
Zamboanga Peninsula	171,306	154,082	17,224	243,843	219,993	23,850
Zamboanga del Norte	29,330	26,585	2,745	102,561	100,507	2,054
Zamboanga del Sur	30,006	25,506	4,500	27,438	17,552	9,886
Zamboanga Sibugay	99,470	89,891	9,579	99,769	88,314	11,455
Zamboanga City	12,500	12,100	400	14,075	13,620	455
Northern Mindanao	285,311	201,802	83,509	319,604	196,816	122,788
Bukidnon	198,406	118,725	79,681	232,445	116,295	116,150
Camiguin	1,968	1,968	..	2,165	2,165	..
Lanao del Norte	46,446	44,693	1,753	48,979	46,662	2,317
Misamis Occidental	23,226	23,226	..	17,581	17,581	..
Misamis Oriental	15,265	13,190	2,075	18,434	14,113	4,321
Davao Region	507,860	444,312	63,548	446,423	388,922	57,501
Compostela Valley	48,380	37,330	11,050	41,128	31,336	9,792
Davao del Norte	235,798	191,045	44,753	210,749	171,635	39,114
Davao del Sur	114,562	106,817	7,745	68,299	59,704	8,595
Davao Oriental	49,703	49,703	..	67,329	67,329	..
Davao City	59,417	59,417	..	58,918	58,918	..
SOCCSKSARGEN	1,228,390	1,104,031	124,359	1,246,940	1,107,679	139,261
North Cotabato	443,359	379,730	63,629	424,984	364,700	60,284
Sarangani	35,118	34,213	905	35,610	34,400	1,210
South Cotabato	343,163	317,863	25,300	362,024	319,997	42,027
Sultan Kudarat	406,750	372,225	34,525	424,322	388,582	35,740
Caraga	192,351	164,031	28,320	167,907	131,454	36,453
Agusan del Norte	29,000	29,000	..	20,126	20,126	..
Agusan del Sur	92,610	74,380	18,230	96,490	67,720	28,770
Surigao del Norte	29,225	23,330	5,895	24,313	20,500	3,813
Surigao del Sur	41,516	37,321	4,195	26,978	23,108	3,870
Dinagat Islands	..	..	..	..	..	..
ARMM	367,929	367,391	538	355,899	352,318	3,581
Basilan	7,377	7,377	..	7,730	7,730	..
Lanao del Sur	29,641	29,641	..	29,641	29,641	..
Maguindanao	296,096	295,558	538	277,072	273,491	3,581
Sulu	27,828	27,828	..	34,063	34,063	..
Tawi-tawi	6,987	6,987	..	7,393	7,393	..

.. Data not available
[1] Inventory as of 01 January of the next year
Source: Philippine Statistics Authority

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2010			2011		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Duck						
Central Visayas	187,682	181,216	6,466	156,935	150,109	6,826
Bohol	29,146	29,146	..	23,281	23,281	..
Cebu	25,085	25,085	..	19,123	19,123	..
Negros Oriental	132,253	125,787	6,466	113,319	106,493	6,826
Siquijor	1,198	1,198	..	1,212	1,212	..
Eastern Visayas	530,049	451,476	78,573	483,484	411,437	72,047
Biliran	6,300	5,450	850	4,115	4,115	..
Eastern Samar	5,855	5,855	..	4,688	4,688	..
Leyte	447,442	374,371	73,071	404,648	337,183	67,465
Northern Samar	52,300	52,300	..	49,391	49,391	..
Samar (Western Samar)	11,844	11,844	..	13,570	13,570	..
Southern Leyte	6,308	1,656	4,652	7,072	2,490	4,582
Zamboanga Peninsula	190,027	174,581	15,446	174,913	158,453	16,460
Zamboanga del Norte	79,524	76,711	2,813	71,577	68,314	3,263
Zamboanga del Sur	29,877	25,616	4,261	28,660	24,680	3,980
Zamboanga Sibugay	66,013	57,991	8,022	58,573	50,206	8,367
Zamboanga City	14,613	14,263	350	16,103	15,253	850
Northern Mindanao	372,612	211,962	160,650	391,443	219,463	171,980
Bukidnon	288,250	132,500	155,750	300,288	134,500	165,788
Camiguin	1,880	1,880	..	1,402	1,402	..
Lanao del Norte	51,174	48,752	2,422	54,541	51,910	2,631
Misamis Occidental	16,500	16,500	..	18,881	17,531	1,350
Misamis Oriental	14,808	12,330	2,478	16,331	14,120	2,211
Davao Region	428,044	368,053	59,991	417,350	354,750	62,600
Compostela Valley	46,939	35,761	11,178	49,883	37,498	12,385
Davao del Norte	189,209	150,816	38,393	205,140	162,815	42,325
Davao del Sur	77,283	66,863	10,420	71,829	63,939	7,890
Davao Oriental	60,189	60,189	..	43,411	43,411	..
Davao City	54,424	54,424	..	47,087	47,087	..
SOCCSKSARGEN	1,201,847	1,055,824	146,023	1,172,963	1,030,523	142,440
North Cotabato	375,095	315,810	59,285	383,180	323,787	59,393
Sarangani	36,380	36,000	380	37,350	36,950	400
South Cotabato	374,932	331,904	43,028	383,078	339,686	43,392
Sultan Kudarat	415,440	372,110	43,330	369,355	330,100	39,255
Caraga	139,785	103,374	36,411	137,510	100,232	37,278
Agusan del Norte	22,350	22,350	..	22,814	21,714	1,100
Agusan del Sur	73,915	42,675	31,240	76,746	46,505	30,241
Surigao del Norte	17,641	14,540	3,101	16,887	13,700	3,187
Surigao del Sur	20,721	18,651	2,070	17,069	14,319	2,750
Dinagat Islands	5,158	5,158	..	3,994	3,994	..
ARMM	286,877	280,003	6,874	355,978	344,373	11,605
Basilan	8,884	8,884	..	8,045	8,045	..
Lanao del Sur	27,498	27,498	..	24,007	24,007	..
Maguindanao	210,170	203,296	6,874	292,422	280,817	11,605
Sulu	33,132	33,132	..	25,050	25,050	..
Tawi-tawi	7,193	7,193	..	6,454	6,454	..

.. Data not available
Source: Philippine Statistics Authority

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2012			2013		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Duck						
Central Visayas	157,156	150,181	6,975	146,313	138,561	7,752
Bohol	23,671	23,671	..	25,425	24,895	530
Cebu	19,477	19,477	..	16,567	16,567	..
Negros Oriental	112,902	105,927	6,975	103,406	96,184	7,222
Siquijor	1,106	1,106	..	915	915	..
Eastern Visayas	380,290	320,297	59,993	337,883	296,447	41,436
Biliran	3,289	3,289	..	3,356	3,356	..
Eastern Samar	5,701	5,701	..	5,902	5,902	..
Leyte	305,738	249,114	56,624	269,917	229,498	40,419
Northern Samar	38,499	38,499	..	30,046	30,046	..
Samar (Western Samar)	17,464	17,464	..	17,397	17,397	..
Southern Leyte	9,599	6,230	3,369	11,265	10,248	1,017
Zamboanga Peninsula	144,785	125,439	19,346	162,900	135,901	26,999
Zamboanga del Norte	47,638	46,053	1,585	67,440	66,365	1,075
Zamboanga del Sur	26,843	23,420	3,423	30,566	27,193	3,373
Zamboanga Sibugay	54,025	40,532	13,493	53,224	31,273	21,951
Zamboanga City	16,279	15,434	845	11,670	11,070	600
Northern Mindanao	419,076	280,009	139,067	417,555	278,425	139,130
Bukidnon	313,744	181,547	132,197	312,350	180,500	131,850
Camiguin	1,225	1,225	..	1,350	1,350	..
Lanao del Norte	56,580	55,070	1,510	53,230	51,400	1,830
Misamis Occidental	20,443	17,317	3,126	21,400	16,400	5,000
Misamis Oriental	27,084	24,850	2,234	29,225	28,775	450
Davao Region	436,383	379,716	56,667	428,108	373,866	54,242
Compostela Valley	49,238	39,781	9,457	41,998	35,438	6,560
Davao del Norte	224,577	187,162	37,415	220,988	181,556	39,432
Davao del Sur	71,375	61,580	9,795	70,423	62,173	8,250
Davao Oriental	44,175	44,175	..	49,456	49,456	..
Davao City	47,018	47,018	..	45,243	45,243	..
SOCCSKSARGEN	1,200,925	1,024,988	175,937	1,214,546	1,027,012	187,534
North Cotabato	398,650	328,850	69,800	389,213	318,127	71,086
Sarangani	37,280	37,000	280	38,112	37,800	312
South Cotabato	369,236	324,379	44,857	382,056	334,985	47,071
Sultan Kudarat	395,759	334,759	61,000	405,165	336,100	69,065
Caraga	127,668	95,310	32,358	132,924	100,664	32,260
Agusan del Norte	21,089	20,299	790	25,750	20,350	5,400
Agusan del Sur	70,931	45,250	25,681	69,297	47,890	21,407
Surigao del Norte	16,052	12,890	3,162	16,993	13,878	3,115
Surigao del Sur	16,256	13,531	2,725	18,322	16,142	2,180
Dinagat Islands	3,340	3,340	..	2,562	2,404	158
ARMM	396,245	372,313	23,932	460,135	438,477	21,658
Basilan	9,680	9,680	..	9,396	9,396	..
Lanao del Sur	22,807	22,807	..	20,900	20,900	..
Maguindanao	335,871	311,939	23,932	404,162	382,504	21,658
Sulu	21,000	21,000	..	18,712	18,712	..
Tawi-tawi	6,887	6,887	..	6,965	6,965	..

.. Data not available
Source: Philippine Statistics Authority

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2014			2015		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Duck						
Central Visayas	148,929	140,639	8,290	143,430	133,724	9,706
Bohol	26,607	26,074	533	26,199	24,184	2,015
Cebu	14,414	14,414	..	15,944	15,944	..
Negros Oriental	107,003	99,246	7,757	100,378	92,687	7,691
Siquijor	905	905	..	909	909	..
Eastern Visayas	320,651	280,868	39,783	305,072	264,162	40,910
Biliran	3,148	3,148	..	2,470	2,470	..
Eastern Samar	3,316	3,316	..	3,425	3,425	..
Leyte	259,230	220,430	38,800	243,891	203,661	40,230
Northern Samar	24,952	24,952	..	23,548	23,548	..
Samar (Western Samar)	18,758	18,758	..	20,197	20,197	..
Southern Leyte	11,247	10,264	983	11,541	10,861	680
Zamboanga Peninsula	158,595	118,028	40,567	150,579	110,747	39,832
Zamboanga del Norte	44,374	42,949	1,425	33,474	32,264	1,210
Zamboanga del Sur	37,702	32,650	5,052	40,681	36,585	4,096
Zamboanga Sibugay	65,519	31,879	33,640	66,286	32,046	34,240
Zamboanga City	11,000	10,550	450	10,138	9,852	286
Northern Mindanao	410,110	271,380	138,730	426,288	262,566	163,722
Bukidnon	307,310	174,560	132,750	331,000	176,500	154,500
Camiguin	1,375	1,375	..	1,200	1,200	..
Lanao del Norte	49,760	47,980	1,780	51,696	44,120	7,576
Misamis Occidental	21,075	17,465	3,610	18,079	17,009	1,070
Misamis Oriental	30,590	30,000	590	24,313	23,737	576
Davao Region	437,382	380,660	56,722	454,896	398,507	56,389
Compostela Valley	48,415	40,135	8,280	46,781	39,517	7,264
Davao del Norte	221,468	180,637	40,831	226,350	182,410	43,940
Davao del Sur	67,611	60,000	7,611	71,896	66,711	5,185
Davao Oriental	51,382	51,382	..	57,000	57,000	..
Davao City	48,506	48,506	..	52,869	52,869	..
SOCCSKSARGEN	1,114,372	931,635	182,737	1,107,357	927,980	179,377
North Cotabato	301,391	239,131	62,260	271,178	212,203	58,975
Sarangani	37,810	37,500	310	37,315	37,000	315
South Cotabato	368,642	317,755	50,887	377,185	325,748	51,437
Sultan Kudarat	406,529	337,249	69,280	421,679	353,029	68,650
Caraga	135,079	98,075	37,004	130,917	95,624	35,293
Agusan del Norte	22,510	18,930	3,580	20,548	19,500	1,048
Agusan del Sur	74,198	46,920	27,278	72,800	43,300	29,500
Surigao del Norte	17,941	13,810	4,131	16,848	13,923	2,925
Surigao del Sur	17,926	15,911	2,015	17,903	16,083	1,820
Dinagat Islands	2,504	2,504	..	2,818	2,818	..
ARMM	226,721	226,721	..	140,877	140,877	..
Basilan	10,348	10,348	..	10,617	10,617	..
Lanao del Sur	21,500	21,500	..	18,009	18,009	..
Maguindanao	170,696	170,696	..	89,349	89,349	..
Sulu	16,996	16,996	..	16,649	16,649	..
Tawi-tawi	7,181	7,181	..	6,253	6,253	..

.. Data not available
Source: Philippine Statistics Authority

Table 2.14.3
DUCK INVENTORY[1] BY FARM TYPE AND GEOLOCATION
2008 to 2017
(In heads)

	2016			2017		
	Total	Backyard	Commercial	Total	Backyard	Commercial
Duck						
Central Visayas	144,698	135,672	9,026	152,034	143,212	8,822
Bohol	30,828	29,470	1,358	36,241	34,999	1,242
Cebu	17,432	17,432	..	19,047	19,047	..
Negros Oriental	95,522	87,854	7,668	95,690	88,110	7,580
Siquijor	916	916	..	1,056	1,056	..
Eastern Visayas	265,452	225,398	40,054	253,499	222,286	31,213
Biliran	2,338	2,338	..	2,450	2,450	..
Eastern Samar	3,673	3,673	..	3,223	3,223	..
Leyte	210,371	171,725	38,646	197,994	171,644	26,350
Northern Samar	22,646	22,646	..	25,455	25,455	..
Samar (Western Samar)	12,631	12,631	..	8,406	8,406	..
Southern Leyte	13,793	12,385	1,408	15,971	11,108	4,863
Zamboanga Peninsula	165,977	126,701	39,276	192,870	152,296	40,574
Zamboanga del Norte	47,374	42,849	4,525	59,969	54,239	5,730
Zamboanga del Sur	40,657	38,558	2,099	56,203	52,450	3,753
Zamboanga Sibugay	67,447	35,095	32,352	67,826	37,235	30,591
Zamboanga City	10,499	10,199	300	8,872	8,372	500
Northern Mindanao	431,304	249,631	181,673	444,064	263,114	180,950
Bukidnon	329,050	158,880	170,170	322,162	159,650	162,512
Camiguin	1,818	1,218	600	2,214	1,665	549
Lanao del Norte	54,201	46,150	8,051	56,754	48,204	8,550
Misamis Occidental	20,305	18,805	1,500	24,129	20,125	4,004
Misamis Oriental	25,930	24,578	1,352	38,805	33,470	5,335
Davao Region	501,466	459,202	42,264	524,409	477,089	47,320
Compostela Valley	54,301	47,506	6,795	55,548	46,658	8,890
Davao del Norte	242,343	213,510	28,833	241,946	212,616	29,330
Davao del Sur	72,679	66,043	6,636	76,900	67,800	9,100
Davao Oriental	62,154	62,154	..	78,464	78,464	..
Davao City	69,989	69,989	..	71,551	71,551	..
SOCCSKSARGEN	1,245,859	1,059,859	186,000	1,411,327	1,210,616	200,711
North Cotabato	272,098	214,598	57,500	282,854	217,514	65,340
Sarangani	37,706	36,500	1,206	37,239	37,000	239
South Cotabato	370,160	320,012	50,148	367,723	315,962	51,761
Sultan Kudarat	565,895	488,749	77,146	723,511	640,140	83,371
Caraga	122,044	93,069	28,975	122,544	93,339	29,205
Agusan del Norte	21,390	19,750	1,640	20,425	20,150	275
Agusan del Sur	61,275	38,500	22,775	59,747	42,747	17,000
Surigao del Norte	18,605	15,145	3,460	22,564	14,734	7,830
Surigao del Sur	17,950	16,850	1,100	17,308	13,208	4,100
Dinagat Islands	2,824	2,824	..	2,500	2,500	..
ARMM	142,776	142,776	..	105,524	105,524	..
Basilan	10,892	10,892	..	10,553	10,553	..
Lanao del Sur	16,738	16,738	..	15,922	15,922	..
Maguindanao	90,093	90,093	..	54,770	54,770	..
Sulu	18,405	18,405	..	17,384	17,384	..
Tawi-tawi	6,648	6,648	..	6,895	6,895	..

.. Data not available
Source: Philippine Statistics Authority

Table 2.15.1
ANIMALS SLAUGHTERED IN SLAUGHTERHOUSES BY ANIMAL TYPE AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012
Carabao					
PHILIPPINES	**238,680**	**236,812**	**218,208**	**214,720**	**213,095**
NCR	25,111	20,752	13,902	14,283	19,895
CAR	1,051	1,498	1,510	1,342	1,132
Abra	82	99	82	45	29
Apayao	69	64	90	100	327
Benguet	479	932	946	830	563
Ifugao	..	..	..	..	54
Kalinga	421	403	392	367	159
Mountain Province	..	..	..	..	..
ILOCOS REGION	24,010	24,132	20,100	20,641	21,200
Ilocos Norte	2,710	2,455	2,276	1,987	1,910
Ilocos Sur	6,396	5,678	4,814	4,556	4,581
La Union	3,713	3,608	3,508	3,393	3,457
Pangasinan	11,191	12,391	9,502	10,705	11,252
CAGAYAN VALLEY	22,178	21,175	19,757	18,122	17,078
Batanes	..	..	..	..	..
Cagayan	13,133	12,695	12,323	11,897	11,048
Isabela	8,199	7,762	6,866	5,617	5,124
Nueva Vizcaya	769	651	528	593	893
Quirino	77	67	40	15	13
CENTRAL LUZON	21,387	21,105	20,641	21,429	17,742
Aurora	487	488	564	589	577
Bataan	247	336	357	406	171
Bulacan	7,507	7,501	7,169	7,984	4,048
Nueva Ecija	1,853	1,790	1,801	1,663	2,086
Pampanga	6,793	6,502	6,506	6,396	6,380
Tarlac	2,868	2,910	2,857	3,106	3,250
Zambales	1,632	1,578	1,387	1,285	1,230
CALABARZON	17,134	17,702	15,591	16,529	16,608
Batangas	2,172	2,860	2,985	2,297	1,112
Cavite	1,100	1,052	1,240	1,196	1,230
Laguna	5,371	5,533	4,633	5,225	6,000
Quezon	5,119	5,411	5,118	5,866	6,169
Rizal	3,372	2,846	1,615	1,945	2,097
MIMAROPA	1,123	1,179	1,225	1,056	1,092
Marinduque	757	702	736	585	556
Occidental Mindoro	..	..	..	..	..
Oriental Mindoro	358	470	470	468	454
Palawan	..	4	14	..	78
Romblon	8	3	5	3	4
BICOL REGION	10,814	10,685	10,352	9,687	8,815
Albay	2,181	2,240	2,281	2,000	1,766
Camarines Norte	288	341	320	262	328
Camarines Sur	3,445	3,066	2,994	2,286	2,214
Catanduanes	2,888	2,769	2,120	2,327	2,179
Masbate	1,495	1,704	1,860	1,955	1,691
Sorsogon	517	565	777	857	637

Table 2.15.1 *(continued)*

	2013	2014	2015	2016	2017
Carabao					
PHILIPPINES	**208,074**	**217,104**	**219,062**	**228,902**	**248,398**
NCR	23,973	25,585	24,384	26,150	23,540
CAR	1,014	852	657	617	653
Abra	13	48	196	360	363
Apayao	289	274	172	134	74
Benguet	420	287	114	4	45
Ifugao	60	58	53	84	89
Kalinga	232	185	122	35	82
Mountain Province	..	..	..	..	..
ILOCOS REGION	20,151	21,063	21,966	25,232	26,866
Ilocos Norte	1,559	1,484	1,463	1,841	2,323
Ilocos Sur	4,765	4,839	5,043	5,175	5,644
La Union	2,994	2,537	2,585	2,821	2,919
Pangasinan	10,833	12,203	12,875	15,395	15,980
CAGAYAN VALLEY	16,105	17,064	16,785	16,527	19,038
Batanes	..	..	..	..	..
Cagayan	10,595	11,373	11,009	10,578	12,013
Isabela	4,610	4,795	4,703	4,655	5,509
Nueva Vizcaya	844	790	970	1,110	1,199
Quirino	56	106	103	184	317
CENTRAL LUZON	14,522	16,032	18,832	22,183	28,737
Aurora	536	650	667	710	780
Bataan	131	121	87	46	89
Bulacan	2,552	3,255	6,742	7,259	14,008
Nueva Ecija	1,991	2,446	2,228	2,482	2,384
Pampanga	4,799	5,212	5,123	7,556	7,651
Tarlac	3,159	3,129	3,101	2,962	2,607
Zambales	1,354	1,219	884	1,168	1,218
CALABARZON	17,606	19,359	19,842	18,790	20,406
Batangas	1,639	3,504	3,785	3,600	3,158
Cavite	1,102	864	1,133	495	499
Laguna	6,040	6,405	6,857	6,718	7,116
Quezon	6,183	6,216	6,168	6,213	7,827
Rizal	2,642	2,370	1,899	1,764	1,806
MIMAROPA	1,072	1,106	1,008	1,057	1,068
Marinduque	519	571	468	514	500
Occidental Mindoro	..	..	..	..	..
Oriental Mindoro	470	491	510	530	530
Palawan	79	40	22	11	23
Romblon	4	4	8	2	15
BICOL REGION	8,145	7,916	7,404	6,779	6,787
Albay	1,806	1,830	1,463	1,472	1,354
Camarines Norte	354	303	241	268	237
Camarines Sur	2,018	1,922	1,918	1,580	1,620
Catanduanes	1,771	1,725	1,623	1,531	1,724
Masbate	1,586	1,509	1,440	1,195	1,111
Sorsogon	610	627	719	733	741

Table 2.15.1
ANIMALS SLAUGHTERED IN SLAUGHTERHOUSES BY ANIMAL TYPE AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012
Carabao					
WESTERN VISAYAS	49,917	50,407	47,317	44,838	46,508
Aklan	2,015	2,039	1,840	1,876	2,014
Antique	90	60	121	31	49
Capiz	5,897	4,666	5,893	5,929	6,134
Guimaras	67	67	51	65	55
Iloilo	18,812	18,061	17,417	16,286	15,667
Negros Occidental	23,036	25,514	21,995	20,651	22,589
CENTRAL VISAYAS	9,300	9,742	9,772	10,155	7,730
Bohol	1,804	1,988	1,983	2,012	2,404
Cebu	7,046	7,225	7,412	7,835	5,067
Negros Oriental	450	529	375	308	259
Siquijor	..	..	2	..	..
EASTERN VISAYAS	17,608	18,053	17,289	17,195	16,607
Biliran	133	102	105	159	153
Eastern Samar	2,231	2,523	1,917	1,993	2,439
Leyte	9,670	9,491	9,638	9,061	8,892
Northern Samar	2,471	3,033	2,595	3,160	2,686
Southern Leyte	2,603	2,382	2,490	2,305	2,099
Samar	500	522	544	517	338
ZAMBOANGA PENINSU	4,382	4,557	5,153	5,254	5,349
Zamboanga del Norte	2,375	2,524	2,369	2,305	2,386
Zamboanga del Sur	134	122	150	158	288
Zamboanga City	68	75	71	86	17
Zamboanga Sibugay	1,805	1,836	2,563	2,705	2,658
NORTHERN MINDANAC	3,869	4,382	4,269	4,891	4,441
Bukidnon	1,768	1,723	1,769	1,485	1,559
Camiguin	..	..	..	..	1
Lanao del Norte	1,171	1,556	1,275	2,217	1,705
Misamis Occidental	580	673	791	842	891
Misamis Oriental	350	430	434	347	285
DAVAO REGION	13,397	14,632	13,779	13,816	14,081
Davao del Norte	103	99	91	117	102
Davao del Sur	4,339	3,950	3,965	4,312	4,167
Davao City	5,464	6,594	6,611	6,778	7,499
Davao Oriental	563	504	352	293	237
Compostela Valley	2,928	3,485	2,760	2,316	2,076
SOCCSKSARGEN	10,753	10,122	10,687	9,692	9,351
North Cotabato	2,956	2,396	2,792	2,890	2,735
Sarangani	35	26	31	25	21
South Cotabato	4,172	4,347	4,451	3,641	3,595
Sultan Kudarat	3,590	3,353	3,413	3,136	3,000
CARAGA	4,259	4,254	4,139	3,562	3,367
Agusan del Norte	1,378	1,348	1,338	1,191	1,104
Agusan del Sur	77	59	14	31	16
Dinagat Islands	..	..	..	..	..
Surigao del Norte	1,261	1,193	1,092	958	954
Surigao del Sur	1,543	1,654	1,695	1,382	1,293
ARMM	2,387	2,435	2,725	2,228	2,099
Basilan	3	17	..	..	..
Lanao del Sur	..	..	..	..	..
Maguindanao	2,384	2,418	2,725	2,228	2,099
Sulu	..	..	..	..	..
Tawi-tawi	..	..	..	..	..

.. Data not available
Note: Davao del Sur data includes Davao Occidental
Source: Philippine Statistics Authority

Table 2.15.1 *(continued)*

	2013	2014	2015	2016	2017
Carabao					
WESTERN VISAYAS	45,267	47,722	47,973	49,436	54,610
Aklan	1,799	1,735	1,628	1,962	2,372
Antique	33	85	90	81	17
Capiz	6,403	6,551	6,174	5,900	6,681
Guimaras	62	88	75	84	64
Iloilo	14,675	15,858	17,368	16,964	18,207
Negros Occidental	22,295	23,405	22,638	24,445	27,269
CENTRAL VISAYAS	7,750	8,040	7,115	7,087	9,189
Bohol	1,910	2,354	2,457	2,220	2,377
Cebu	5,547	5,327	4,068	4,370	6,245
Negros Oriental	289	359	585	497	567
Siquijor	4	..	5	..	..
EASTERN VISAYAS	14,821	15,108	16,113	15,004	16,515
Biliran	97	78	89	99	167
Eastern Samar	1,846	1,102	1,608	1,502	1,553
Leyte	8,209	8,900	9,394	8,325	9,733
Northern Samar	2,115	2,301	2,499	2,302	2,470
Southern Leyte	2,207	2,346	2,312	2,524	2,150
Samar	347	381	211	252	442
ZAMBOANGA PENINSU	5,913	6,293	6,386	7,024	7,466
Zamboanga del Norte	2,268	2,352	2,567	2,825	2,893
Zamboanga del Sur	1,198	1,389	1,727	2,207	1,979
Zamboanga City	26	14	14	33	61
Zamboanga Sibugay	2,421	2,538	2,078	1,959	2,533
NORTHERN MINDANAC	3,964	3,924	3,927	4,355	5,174
Bukidnon	1,532	1,799	1,950	2,077	2,423
Camiguin	..	..	..	..	..
Lanao del Norte	1,365	1,030	1,073	1,088	1,137
Misamis Occidental	761	788	618	715	751
Misamis Oriental	306	307	286	475	863
DAVAO REGION	14,250	13,138	12,957	13,360	13,026
Davao del Norte	126	166	168	236	200
Davao del Sur	4,118	4,547	4,920	4,751	4,368
Davao City	7,331	6,811	6,060	5,914	5,474
Davao Oriental	267	383	354	250	190
Compostela Valley	2,408	1,231	1,455	2,209	2,794
SOCCSKSARGEN	9,015	9,249	8,822	9,916	8,817
North Cotabato	2,496	2,704	2,273	3,442	1,712
Sarangani	23	13	129	36	11
South Cotabato	3,825	4,036	4,070	4,047	4,450
Sultan Kudarat	2,671	2,496	2,350	2,391	2,644
CARAGA	3,439	3,554	3,826	4,405	3,976
Agusan del Norte	983	1,031	1,185	1,903	1,951
Agusan del Sur	22	14	20	80	77
Dinagat Islands	..	3	..	..	1
Surigao del Norte	856	727	629	669	535
Surigao del Sur	1,578	1,779	1,992	1,753	1,412
ARMM	1,067	1,099	1,065	980	2,530
Basilan	..	..	..	..	..
Lanao del Sur	..	..	..	..	..
Maguindanao	1,067	1,099	1,065	980	2,530
Sulu	..	..	..	..	..
Tawi-tawi	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

Table 2.15.1
ANIMALS SLAUGHTERED IN SLAUGHTERHOUSES BY ANIMAL TYPE AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012
Cattle					
PHILIPPINES	**546,909**	**537,393**	**521,614**	**552,885**	**543,010**
NCR	60,255	32,222	35,739	41,863	41,105
CAR	9,860	9,519	9,408	9,870	10,430
Abra	2,171	2,027	2,037	2,048	2,090
Apayao	33	55	67	93	292
Benguet	5,829	5,751	5,426	5,812	6,216
Ifugao	921	1,054	1,222	1,309	1,255
Kalinga	698	632	656	608	535
Mountain Province	208	..	..	..	42
ILOCOS REGION	39,695	40,772	40,798	38,625	40,545
Ilocos Norte	8,305	8,482	8,367	8,489	8,904
Ilocos Sur	5,847	6,592	6,114	6,048	6,235
La Union	9,121	8,224	7,945	7,460	7,339
Pangasinan	16,422	17,474	18,372	16,628	18,067
CAGAYAN VALLEY	19,321	19,980	20,913	21,409	22,165
Batanes	..	..	..	..	..
Cagayan	6,342	6,106	5,607	5,525	5,617
Isabela	9,724	10,736	11,799	12,254	13,312
Nueva Vizcaya	2,437	2,400	2,795	2,641	2,414
Quirino	818	738	712	989	822
CENTRAL LUZON	31,326	40,957	40,503	43,233	41,635
Aurora	1,527	1,730	1,747	1,777	1,777
Bataan	3,050	3,266	3,358	3,493	2,846
Bulacan	10,712	19,226	17,319	19,034	16,985
Nueva Ecija	2,163	2,394	2,250	2,358	2,739
Pampanga	5,554	6,026	6,052	6,245	6,225
Tarlac	2,958	3,282	4,623	4,992	5,209
Zambales	5,362	5,033	5,154	5,334	5,854
CALABARZON	67,889	64,516	53,449	61,650	62,046
Batangas	9,011	8,975	7,890	5,962	4,634
Cavite	37,421	34,369	30,299	31,004	33,380
Laguna	6,348	7,610	5,901	5,441	5,308
Quezon	4,580	4,959	5,098	4,638	4,768
Rizal	10,529	8,603	4,261	14,605	13,956
MIMAROPA	14,096	15,625	15,230	16,071	16,149
Marinduque	1,929	1,997	1,992	2,144	2,109
Occidental Mindoro	2,913	4,035	4,335	4,627	4,651
Oriental Mindoro	2,969	2,841	2,792	2,790	2,712
Palawan	5,087	5,552	5,019	5,398	5,408
Romblon	1,198	1,200	1,092	1,112	1,269
BICOL REGION	27,443	28,906	30,434	32,730	32,901
Albay	3,455	3,816	3,902	4,797	4,960
Camarines Norte	2,702	2,460	2,290	2,579	2,791
Camarines Sur	7,703	7,612	7,223	7,401	8,420
Catanduanes	359	242	302	268	300
Masbate	11,665	13,379	14,674	15,627	14,535
Sorsogon	1,559	1,397	2,043	2,058	1,895

Table 2.15.1 *(continued)*

	2013	2014	2015	2016	2017
Cattle					
PHILIPPINES	**549,224**	**555,800**	**566,991**	**570,532**	**577,716**
NCR	42,460	41,352	39,803	43,133	44,294
CAR	11,497	11,468	10,987	11,234	11,631
Abra	2,281	2,494	2,393	2,224	2,245
Apayao	295	261	184	112	67
Benguet	6,703	6,533	6,899	7,366	7,575
Ifugao	1,270	1,381	521	577	602
Kalinga	890	727	948	932	1,114
Mountain Province	58	72	42	23	28
ILOCOS REGION	44,007	46,189	44,195	43,620	42,854
Ilocos Norte	10,004	10,311	10,280	10,159	10,191
Ilocos Sur	6,640	6,521	6,516	5,415	6,050
La Union	7,812	8,246	7,710	7,795	7,849
Pangasinan	19,551	21,111	19,689	20,251	18,764
CAGAYAN VALLEY	25,505	28,099	27,778	26,839	26,393
Batanes	..	..	..	..	159
Cagayan	6,403	6,622	6,554	6,675	6,311
Isabela	15,523	17,324	17,177	16,299	15,894
Nueva Vizcaya	2,613	3,021	2,951	2,833	3,071
Quirino	966	1,132	1,096	1,032	958
CENTRAL LUZON	48,113	44,375	47,902	48,080	49,865
Aurora	1,677	1,790	1,728	1,779	1,783
Bataan	3,474	2,772	2,890	3,099	3,346
Bulacan	12,493	13,339	13,737	12,583	15,531
Nueva Ecija	2,708	2,891	2,683	2,834	2,855
Pampanga	17,070	13,338	16,893	17,860	16,127
Tarlac	4,939	4,177	4,094	4,482	3,920
Zambales	5,752	6,068	5,877	5,443	6,303
CALABARZON	61,471	64,202	68,277	71,658	74,558
Batangas	4,600	4,836	5,198	7,399	8,953
Cavite	32,646	33,438	32,125	34,464	36,491
Laguna	5,488	5,596	5,534	5,311	5,384
Quezon	4,721	4,512	4,153	3,928	3,924
Rizal	14,016	15,820	21,267	20,556	19,806
MIMAROPA	16,837	16,463	16,680	17,336	17,557
Marinduque	2,364	2,274	2,235	2,133	1,634
Occidental Mindoro	4,720	4,734	4,744	4,762	4,794
Oriental Mindoro	2,705	2,651	2,678	2,669	3,055
Palawan	5,718	5,526	5,797	6,622	6,502
Romblon	1,330	1,278	1,226	1,150	1,572
BICOL REGION	31,805	31,216	30,736	27,316	23,223
Albay	4,883	4,792	4,960	4,537	4,870
Camarines Norte	2,706	2,542	2,229	2,111	2,114
Camarines Sur	9,276	9,456	9,971	8,838	9,331
Catanduanes	247	178	176	182	178
Masbate	12,926	12,444	11,504	9,717	4,770
Sorsogon	1,767	1,804	1,896	1,931	1,960

Table 2.15.1
ANIMALS SLAUGHTERED IN SLAUGHTERHOUSES BY ANIMAL TYPE AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012
Cattle					
WESTERN VISAYAS	56,475	54,679	54,972	55,845	54,907
Aklan	10,712	9,574	8,445	8,811	8,785
Antique	7,230	7,146	6,800	6,647	7,062
Capiz	2,221	1,912	2,122	2,264	2,195
Guimaras	2,288	2,349	2,291	1,877	1,846
Iloilo	18,892	17,269	18,302	18,023	17,495
Negros Occidental	15,132	16,429	17,012	18,223	17,524
CENTRAL VISAYAS	65,931	67,938	65,893	67,528	55,208
Bohol	12,289	13,019	11,877	13,337	11,210
Cebu	42,045	43,692	42,997	43,128	32,175
Negros Oriental	10,359	10,127	9,601	9,615	10,405
Siquijor	1,238	1,100	1,418	1,448	1,418
EASTERN VISAYAS	13,601	12,978	11,427	12,534	11,930
Biliran	1,059	891	946	1,066	986
Eastern Samar	546	461	468	446	477
Leyte	9,409	9,025	7,449	8,395	8,101
Northern Samar	255	332	320	347	306
Southern Leyte	526	502	475	482	491
Samar	1,806	1,767	1,769	1,798	1,569
ZAMBOANGA PENINSU	28,036	28,549	28,479	34,057	30,248
Zamboanga del Norte	5,515	5,876	5,387	5,893	6,138
Zamboanga del Sur	16,869	16,643	15,830	20,076	15,973
Zamboanga City	2,858	3,029	3,176	3,576	3,963
Zamboanga Sibugay	2,794	3,001	4,086	4,512	4,174
NORTHERN MINDANAC	39,924	43,468	43,962	42,844	44,729
Bukidnon	8,658	7,749	8,265	9,738	10,297
Camiguin	746	759	713	722	765
Lanao del Norte	6,139	9,647	11,533	9,244	9,195
Misamis Occidental	8,935	8,866	8,149	8,549	8,461
Misamis Oriental	15,446	16,447	15,302	14,591	16,011
DAVAO REGION	23,034	26,648	23,938	24,092	25,655
Davao del Norte	666	724	876	831	852
Davao del Sur	5,756	6,651	7,794	8,410	9,498
Davao City	6,424	7,062	7,761	7,687	7,444
Davao Oriental	1,788	1,843	1,932	1,790	1,978
Compostela Valley	8,400	10,368	5,575	5,374	5,883
SOCCSKSARGEN	32,775	34,782	29,998	34,012	33,425
North Cotabato	13,014	12,757	12,335	13,350	12,428
Sarangani	565	535	553	551	513
South Cotabato	17,590	19,028	14,550	17,214	17,298
Sultan Kudarat	1,606	2,462	2,560	2,897	3,186
CARAGA	9,616	9,899	10,385	11,066	10,890
Agusan del Norte	3,218	3,389	3,547	4,170	3,766
Agusan del Sur	3,337	3,513	3,642	3,863	3,894
Dinagat Islands	..	..	..	..	..
Surigao del Norte	1,323	1,446	1,504	1,426	1,620
Surigao del Sur	1,738	1,551	1,692	1,607	1,610
ARMM	7,632	5,955	6,086	5,456	9,042
Basilan	1,176	985	427	..	1,546
Lanao del Sur	..	..	..	..	..
Maguindanao	1,699	1,928	2,473	1,781	1,844
Sulu	4,590	2,955	3,070	3,675	5,540
Tawi-tawi	167	87	116	..	112

.. Data not available
Note: Davao del Sur data includes Davao Occidental
Source: Philippine Statistics Authority

Table 2.15.1 *(continued)*

	2013	2014	2015	2016	2017
Cattle					
WESTERN VISAYAS	53,613	55,561	56,886	59,062	61,227
Aklan	8,395	7,790	9,640	9,968	10,372
Antique	6,567	6,700	6,612	6,714	7,381
Capiz	2,112	2,326	2,151	2,484	2,654
Guimaras	2,079	2,582	2,577	2,834	3,076
Iloilo	18,581	17,685	17,127	16,995	17,052
Negros Occidental	15,879	18,478	18,779	20,067	20,692
CENTRAL VISAYAS	54,650	52,656	51,738	54,633	59,967
Bohol	11,596	11,952	12,672	12,591	13,436
Cebu	31,430	28,470	26,278	29,094	32,558
Negros Oriental	10,189	10,767	11,306	11,391	12,265
Siquijor	1,435	1,467	1,482	1,557	1,708
EASTERN VISAYAS	10,666	11,490	10,264	9,421	9,512
Biliran	933	784	763	804	593
Eastern Samar	544	378	323	326	277
Leyte	6,909	8,107	7,228	6,431	6,574
Northern Samar	299	340	409	294	282
Southern Leyte	513	540	528	613	869
Samar	1,468	1,341	1,013	953	917
ZAMBOANGA PENINSU	28,010	26,557	30,922	22,602	22,080
Zamboanga del Norte	5,819	6,194	6,596	6,645	6,707
Zamboanga del Sur	14,937	13,083	16,373	8,256	8,243
Zamboanga City	3,402	3,216	3,987	3,667	3,904
Zamboanga Sibugay	3,852	4,064	3,966	4,034	3,226
NORTHERN MINDANAC	43,967	46,674	45,465	46,844	45,734
Bukidnon	10,838	11,294	9,934	10,392	9,808
Camiguin	816	824	747	718	741
Lanao del Norte	8,018	8,661	8,759	8,929	8,978
Misamis Occidental	8,191	8,095	8,584	8,774	8,693
Misamis Oriental	16,104	17,800	17,441	18,031	17,514
DAVAO REGION	25,618	26,195	28,623	28,271	28,917
Davao del Norte	802	993	761	746	919
Davao del Sur	8,945	9,555	10,118	11,633	12,223
Davao City	7,607	7,773	9,322	8,272	7,486
Davao Oriental	1,739	2,125	2,095	2,060	2,271
Compostela Valley	6,525	5,749	6,327	5,560	6,018
SOCCSKSARGEN	36,437	35,800	37,962	41,196	40,999
North Cotabato	13,817	13,925	15,269	15,398	14,853
Sarangani	540	520	938	758	666
South Cotabato	18,776	17,805	18,092	21,290	21,777
Sultan Kudarat	3,304	3,550	3,663	3,750	3,703
CARAGA	10,953	12,043	12,332	12,815	13,071
Agusan del Norte	4,046	4,492	4,748	4,800	4,511
Agusan del Sur	3,618	3,829	3,680	3,659	3,971
Dinagat Islands	..	3	5	5	6
Surigao del Norte	1,602	1,560	1,550	1,665	1,506
Surigao del Sur	1,687	2,159	2,349	2,686	3,077
ARMM	3,615	5,460	6,441	6,472	5,834
Basilan	407	1,325	1,792	1,896	1,936
Lanao del Sur	..	..	..	..	..
Maguindanao	921	1,207	1,070	884	1,039
Sulu	2,175	2,804	3,579	3,484	2,720
Tawi-tawi	112	124	..	208	139

.. Data not available
Source: Philippine Statistics Authority

Table 2.15.1
ANIMALS SLAUGHTERED IN SLAUGHTERHOUSES BY ANIMAL TYPE AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012
Goat					
PHILIPPINES	**161,145**	**159,312**	**155,381**	**167,947**	**160,289**
NCR	127	..	..	803	2,909
CAR	1,186	1,144	1,735	1,590	1,354
Abra	..	..	..	..	72
Apayao	..	..	..	..	..
Benguet	1,186	1,144	1,735	1,590	1,282
Ifugao	..	..	..	..	..
Kalinga	..	..	..	..	..
Mountain Province	..	..	..	..	..
ILOCOS REGION	5,995	5,002	4,566	4,319	3,666
Ilocos Norte	..	..	..	3	7
Ilocos Sur	..	..	..	..	..
La Union	5,798	4,613	4,271	3,686	3,360
Pangasinan	197	389	295	630	299
CAGAYAN VALLEY	99	76	87	85	84
Batanes	..	..	..	..	..
Cagayan	..	..	..	..	..
Isabela	99	76	87	85	84
Nueva Vizcaya	..	..	..	..	..
Quirino	..	..	..	..	..
CENTRAL LUZON	4,792	5,087	4,240	4,988	5,776
Aurora	..	..	..	..	..
Bataan	202	261	284	348	339
Bulacan	..	..	6	202	306
Nueva Ecija	1,990	2,190	1,841	1,870	2,393
Pampanga	..	..	..	33	32
Tarlac	2,600	2,628	2,080	2,522	2,706
Zambales	..	8	29	13	..
CALABARZON	3,682	3,613	2,581	3,525	7,728
Batangas	3,682	3,583	2,581	3,525	7,283
Cavite	..	30	..	..	352
Laguna	..	..	..	..	93
Quezon	..	..	..	..	..
Rizal	..	..	..	..	..
MIMAROPA	6,945	7,003	7,111	7,400	7,312
Marinduque	..	..	45	..	..
Occidental Mindoro	2,955	3,448	3,706	3,954	3,961
Oriental Mindoro	1,838	1,897	1,854	1,832	1,875
Palawan	2,043	1,542	1,374	1,377	1,184
Romblon	109	116	132	237	292
BICOL REGION	707	724	990	819	784
Albay	..	..	..	..	..
Camarines Norte	6	5	..	..	18
Camarines Sur	701	719	990	819	766
Catanduanes	..	..	..	..	..
Masbate	..	..	..	..	..
Sorsogon	..	..	..	..	..

Table 2.15.1 *(continued)*

	2013	2014	2015	2016	2017
Goat					
PHILIPPINES	**135,655**	**136,049**	**136,522**	**126,670**	**119,732**
NCR	1,861	63	..	..	120
CAR	758	644	923	812	1,583
Abra	111	70	52	52	41
Apayao	..	..	..	..	..
Benguet	647	574	871	760	1,542
Ifugao	..	..	..	..	..
Kalinga	..	..	..	..	..
Mountain Province	..	..	..	..	..
ILOCOS REGION	3,444	2,824	2,982	3,204	2,631
Ilocos Norte	..	13	..	..	18
Ilocos Sur	..	..	..	..	..
La Union	3,213	2,756	2,885	3,152	2,584
Pangasinan	231	55	97	52	29
CAGAYAN VALLEY	106	175	67	105	174
Batanes	..	..	..	..	..
Cagayan	..	..	..	..	..
Isabela	106	175	59	42	140
Nueva Vizcaya	..	..	8	63	34
Quirino	..	..	..	..	..
CENTRAL LUZON	5,529	6,756	6,731	8,233	9,275
Aurora	..	..	..	..	31
Bataan	417	339	291	302	220
Bulacan	287	114	331	282	247
Nueva Ecija	2,428	4,089	3,979	5,058	5,455
Pampanga	67	58	55	114	35
Tarlac	2,179	1,846	1,777	2,096	3,018
Zambales	151	310	298	381	269
CALABARZON	3,014	2,707	3,052	4,361	4,444
Batangas	2,200	2,202	1,912	3,268	3,468
Cavite	600	256	941	995	864
Laguna	214	249	199	66	25
Quezon	..	..	..	32	87
Rizal	..	..	..	..	..
MIMAROPA	7,137	7,175	7,274	7,302	7,090
Marinduque	..	..	..	..	..
Occidental Mindoro	4,057	4,067	4,074	4,087	4,127
Oriental Mindoro	1,901	1,876	1,883	1,897	1,637
Palawan	1,000	1,192	1,271	1,038	958
Romblon	179	40	46	280	368
BICOL REGION	1,006	963	1,205	1,104	1,319
Albay	..	..	..	66	43
Camarines Norte	9	5	39	22	31
Camarines Sur	997	958	1,166	1,016	1,245
Catanduanes	..	..	..	..	..
Masbate	..	..	..	..	..
Sorsogon	..	..	..	..	..

Table 2.15.1
ANIMALS SLAUGHTERED IN SLAUGHTERHOUSES BY ANIMAL TYPE AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012
Goat					
WESTERN VISAYAS	9,081	5,905	5,834	6,646	6,518
Aklan	281	385	494	432	453
Antique	..	..	8	..	..
Capiz	..	4	..	11	10
Guimaras	..	..	..	..	..
Iloilo	1,344	1,325	1,095	1,249	1,000
Negros Occidental	7,456	4,191	4,237	4,954	5,055
CENTRAL VISAYAS	68,036	66,713	64,347	70,612	50,838
Bohol	305	418	354	373	511
Cebu	64,063	63,157	60,372	65,447	44,536
Negros Oriental	3,668	3,138	3,620	4,792	5,791
Siquijor	..	..	1	..	..
EASTERN VISAYAS	2,710	2,528	2,180	1,993	2,205
Biliran	100	29	73	72	25
Eastern Samar	..	..	..	..	..
Leyte	2,478	2,404	1,927	1,837	2,147
Northern Samar	..	5	..	..	..
Southern Leyte	..	..	..	..	..
Samar	132	90	180	84	33
ZAMBOANGA PENINSU	18,236	17,215	15,237	16,844	23,367
Zamboanga del Norte	220	131	158	94	185
Zamboanga del Sur	17,539	16,664	14,737	16,306	22,346
Zamboanga City	382	355	223	185	615
Zamboanga Sibugay	95	65	119	259	221
NORTHERN MINDANAC	4,878	5,981	8,514	8,857	8,372
Bukidnon	915	796	1,092	2,016	2,578
Camiguin	38	8	3	10	18
Lanao del Norte	453	1,223	3,454	2,770	2,242
Misamis Occidental	1,008	1,503	1,526	2,031	1,817
Misamis Oriental	2,464	2,451	2,439	2,030	1,717
DAVAO REGION	21,194	22,493	22,100	23,693	22,934
Davao del Norte	928	888	1,082	1,626	986
Davao del Sur	2,445	3,007	3,141	3,369	3,104
Davao City	2,700	2,667	2,563	2,594	2,672
Davao Oriental	3,423	3,689	3,901	4,398	4,107
Compostela Valley	11,698	12,242	11,413	11,706	12,065
SOCCSKSARGEN	5,538	5,230	4,718	6,003	6,228
North Cotabato	3,148	2,404	1,598	2,583	2,300
Sarangani	86	..	..	..	..
South Cotabato	1,967	2,440	2,741	2,995	3,485
Sultan Kudarat	337	386	379	425	443
CARAGA	4,455	4,393	5,261	4,475	3,688
Agusan del Norte	2,570	2,772	3,972	3,746	2,743
Agusan del Sur	1,775	1,507	1,144	596	799
Dinagat Islands	..	..	..	..	..
Surigao del Norte	4	4	..	..	..
Surigao del Sur	106	110	145	133	146
ARMM	3,484	6,205	5,880	5,295	6,526
Basilan	..	..	..	..	..
Lanao del Sur	..	..	..	..	..
Maguindanao	3,484	6,205	5,880	5,295	6,526
Sulu	..	..	..	..	..
Tawi-tawi	..	..	..	..	..

.. Data not available
Note: Davao del Sur data includes Davao Occidental
Source: Philippine Statistics Authority

Table 2.15.1 *(continued)*

	2013	2014	2015	2016	2017
Goat					
WESTERN VISAYAS	5,727	6,063	5,169	6,056	7,797
Aklan	411	937	195	191	94
Antique	..	..	..	..	..
Capiz	4	1	3	7	2
Guimaras	..	..	..	1	5
Iloilo	1,044	811	1,244	1,678	2,316
Negros Occidental	4,268	4,314	3,727	4,179	5,380
CENTRAL VISAYAS	45,221	49,608	48,345	52,403	47,897
Bohol	416	348	102	237	213
Cebu	37,767	40,815	40,237	44,105	38,920
Negros Oriental	7,036	8,445	8,006	8,061	8,761
Siquijor	2	..	..	..	3
EASTERN VISAYAS	2,200	967	1,229	1,739	1,329
Biliran	55	37	19	57	72
Eastern Samar	..	..	..	..	..
Leyte	2,142	930	1,210	1,682	1,257
Northern Samar	..	..	..	..	..
Southern Leyte	1	..	..	..	..
Samar	2	..	..	..	..
ZAMBOANGA PENINSU	17,953	20,632	25,002	5,687	3,744
Zamboanga del Norte	179	172	209	120	122
Zamboanga del Sur	17,097	19,840	24,179	5,069	2,986
Zamboanga City	437	447	471	328	296
Zamboanga Sibugay	240	173	143	170	340
NORTHERN MINDANAC	7,441	6,779	6,059	6,274	5,824
Bukidnon	2,356	2,433	2,263	1,975	2,074
Camiguin	5	13	36	62	28
Lanao del Norte	1,693	1,022	1,043	1,100	1,133
Misamis Occidental	1,731	1,455	1,382	1,516	1,037
Misamis Oriental	1,656	1,856	1,335	1,621	1,552
DAVAO REGION	22,564	18,755	16,683	15,892	14,790
Davao del Norte	1,181	1,107	818	911	1,023
Davao del Sur	3,784	4,023	4,028	4,143	3,485
Davao City	3,130	2,738	2,945	2,912	2,796
Davao Oriental	3,848	2,991	2,794	2,550	2,321
Compostela Valley	10,621	7,896	6,098	5,376	5,165
SOCCSKSARGEN	5,382	6,034	5,423	6,750	4,883
North Cotabato	1,131	1,252	1,716	2,289	1,010
Sarangani	..	..	..	17	97
South Cotabato	3,803	4,557	3,526	4,378	3,678
Sultan Kudarat	448	225	181	66	98
CARAGA	3,691	3,768	3,713	4,669	3,946
Agusan del Norte	3,077	2,963	2,927	3,600	3,242
Agusan del Sur	462	668	657	901	564
Dinagat Islands	..	..	..	..	..
Surigao del Norte	..	1	..	42	28
Surigao del Sur	152	136	129	126	112
ARMM	2,621	2,136	2,665	2,079	2,886
Basilan	..	..	..	..	..
Lanao del Sur	..	..	..	..	..
Maguindanao	2,621	2,136	2,665	2,079	2,886
Sulu	..	..	..	..	..
Tawi-tawi	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

Table 2.15.1
ANIMALS SLAUGHTERED IN SLAUGHTERHOUSES BY ANIMAL TYPE AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012
Hog					
PHILIPPINES	**9,275,677**	**9,006,031**	**9,000,359**	**9,419,351**	**10,193,074**
NCR	1,218,802	999,373	1,080,713	974,419	1,265,839
CAR	137,929	124,565	127,286	137,238	168,243
Abra	25,418	23,599	23,731	26,098	27,154
Apayao	3,660	3,654	3,605	4,443	5,163
Benguet	88,064	79,886	83,186	88,819	113,049
Ifugao	9,174	8,608	8,413	9,445	10,407
Kalinga	8,917	8,818	8,351	8,433	11,403
Mountain Province	2,696	..	..	..	1,067
ILOCOS REGION	682,884	661,750	661,185	678,809	737,713
Ilocos Norte	117,715	113,455	112,241	117,946	127,933
Ilocos Sur	85,200	87,252	89,927	90,506	104,006
La Union	140,107	129,284	128,225	132,433	143,613
Pangasinan	339,862	331,759	330,792	337,924	362,161
CAGAYAN VALLEY	380,141	383,427	395,938	418,381	465,917
Batanes	..	..	..	..	..
Cagayan	135,857	143,836	149,505	154,059	170,919
Isabela	168,153	168,944	174,484	185,120	206,527
Nueva Vizcaya	59,119	56,220	57,765	64,157	73,909
Quirino	17,012	14,427	14,184	15,045	14,562
CENTRAL LUZON	1,447,888	1,464,609	1,416,331	1,441,328	1,534,768
Aurora	20,428	23,027	20,973	21,466	21,606
Bataan	102,934	104,287	104,728	106,481	100,716
Bulacan	454,429	459,466	423,923	423,430	466,768
Nueva Ecija	239,404	239,587	229,214	239,087	292,786
Pampanga	389,528	383,612	385,997	379,500	365,892
Tarlac	133,430	148,226	149,435	161,167	163,175
Zambales	107,735	106,404	102,061	110,197	123,825
CALABARZON	1,702,179	1,648,583	1,566,842	1,756,425	1,842,970
Batangas	285,774	269,987	264,581	245,586	244,150
Cavite	438,752	452,914	383,797	522,324	515,325
Laguna	293,995	302,804	308,053	353,190	387,160
Quezon	194,120	189,983	181,166	183,360	192,471
Rizal	489,538	432,895	429,245	451,965	503,864
MIMAROPA	217,312	211,016	216,880	228,559	235,989
Marinduque	23,863	22,245	22,283	23,682	25,148
Occidental Mindoro	39,211	38,379	38,717	40,273	40,459
Oriental Mindoro	71,865	72,533	74,395	74,642	77,276
Palawan	62,831	57,249	61,664	68,570	70,172
Romblon	19,542	20,610	19,821	21,392	22,934
BICOL REGION	377,877	396,357	414,187	490,467	511,850
Albay	101,590	113,733	119,070	146,811	153,028
Camarines Norte	47,701	50,075	49,441	57,909	62,874
Camarines Sur	129,109	133,967	129,142	151,709	164,073
Catanduanes	10,898	11,743	9,215	12,278	11,990
Masbate	28,610	28,610	31,314	34,104	32,400
Sorsogon	59,969	58,229	76,005	87,656	87,485

Table 2.15.1 *(continued)*

	2013	2014	2015	2016	2017
Hog					
PHILIPPINES	**10,410,111**	**10,266,867**	**10,742,450**	**11,628,820**	**12,621,282**
NCR	1,200,644	1,138,939	1,120,919	1,229,602	1,272,806
CAR	167,936	168,344	177,959	176,982	214,291
Abra	28,000	28,090	28,462	28,783	33,374
Apayao	4,828	5,323	5,630	6,895	5,310
Benguet	111,358	112,335	118,694	114,138	142,086
Ifugao	10,581	9,782	12,521	13,030	13,787
Kalinga	11,821	11,766	11,703	13,130	18,597
Mountain Province	1,348	1,048	949	1,006	1,137
ILOCOS REGION	752,192	723,802	731,679	768,932	845,010
Ilocos Norte	129,444	128,572	132,441	134,974	155,768
Ilocos Sur	104,841	102,678	107,240	114,768	122,169
La Union	148,103	144,897	149,184	156,672	174,786
Pangasinan	369,804	347,655	342,814	362,518	392,287
CAGAYAN VALLEY	473,168	461,904	488,670	515,454	551,046
Batanes	..	..	..	821	2,781
Cagayan	170,208	165,088	180,608	184,197	186,470
Isabela	219,877	218,064	224,109	242,372	264,975
Nueva Vizcaya	67,425	63,533	66,487	69,308	75,706
Quirino	15,658	15,219	17,466	18,756	21,114
CENTRAL LUZON	1,681,093	1,700,474	1,802,946	1,990,596	2,162,645
Aurora	22,423	21,395	22,972	27,400	31,984
Bataan	135,545	113,203	109,673	112,188	130,201
Bulacan	523,673	549,799	593,078	586,023	666,499
Nueva Ecija	284,297	267,324	286,157	303,608	333,355
Pampanga	442,703	474,473	494,956	632,975	663,630
Tarlac	147,119	151,798	163,307	175,918	181,087
Zambales	125,333	122,482	132,803	152,484	155,889
CALABARZON	1,937,758	1,935,492	2,031,870	2,197,204	2,440,256
Batangas	270,501	272,786	285,539	368,098	386,968
Cavite	513,196	529,542	630,527	725,508	727,546
Laguna	409,352	400,131	418,026	421,816	440,366
Quezon	203,506	207,236	211,594	205,636	232,110
Rizal	541,203	525,797	486,184	476,146	653,266
MIMAROPA	241,060	259,843	268,492	276,387	298,866
Marinduque	26,431	26,355	28,472	29,160	30,492
Occidental Mindoro	40,823	40,994	41,055	41,266	41,376
Oriental Mindoro	78,806	81,054	83,473	85,491	95,742
Palawan	71,953	85,777	88,671	91,719	98,971
Romblon	23,047	25,663	26,821	28,751	32,285
BICOL REGION	493,287	496,434	524,918	563,285	616,554
Albay	142,437	143,316	150,591	166,699	174,582
Camarines Norte	56,266	56,086	57,259	63,357	72,107
Camarines Sur	165,467	167,111	181,907	191,949	216,439
Catanduanes	10,766	11,698	14,008	13,622	14,082
Masbate	30,506	29,721	28,551	30,755	39,666
Sorsogon	87,845	88,502	92,602	96,903	99,678

Table 2.15.1
ANIMALS SLAUGHTERED IN SLAUGHTERHOUSES BY ANIMAL TYPE AND GEOLOCATION
2008 to 2017
(In metric tons)

	2008	2009	2010	2011	2012
Hog					
WESTERN VISAYAS	612,082	580,878	582,655	637,993	681,789
Aklan	83,242	90,432	74,979	89,629	98,341
Antique	26,417	24,339	25,721	29,924	33,829
Capiz	50,506	41,382	45,488	53,362	58,066
Guimaras	6,376	6,384	6,295	6,424	6,860
Iloilo	217,923	198,499	201,242	213,149	215,861
Negros Occidental	227,618	219,842	228,930	245,505	268,832
CENTRAL VISAYAS	818,712	818,506	817,916	903,150	895,435
Bohol	82,669	88,014	88,207	89,708	95,681
Cebu	625,594	625,751	634,159	706,224	690,326
Negros Oriental	104,820	100,388	90,049	101,140	103,432
Siquijor	5,629	4,353	5,501	6,078	5,996
EASTERN VISAYAS	234,797	237,581	229,274	230,186	237,742
Biliran	9,454	10,962	11,892	12,113	11,976
Eastern Samar	18,812	27,390	20,003	20,994	23,651
Leyte	128,538	130,285	126,707	124,354	128,025
Northern Samar	16,624	14,860	16,196	17,634	19,316
Southern Leyte	33,648	27,891	27,102	27,947	28,622
Samar	27,721	26,193	27,374	27,144	26,152
ZAMBOANGA PENINSU	191,754	226,393	236,960	198,759	241,979
Zamboanga del Norte	31,038	38,724	36,034	35,506	39,067
Zamboanga del Sur	107,090	133,402	148,116	106,691	145,559
Zamboanga City	15,857	15,529	14,679	16,469	17,813
Zamboanga Sibugay	37,769	38,738	38,131	40,093	39,540
NORTHERN MINDANAC	363,293	356,918	383,209	430,918	437,845
Bukidnon	98,102	97,424	85,973	103,335	104,132
Camiguin	7,462	7,355	6,910	7,013	8,023
Lanao del Norte	28,648	33,749	41,978	44,012	44,015
Misamis Occidental	46,804	49,379	48,246	52,018	54,682
Misamis Oriental	182,277	169,011	200,102	224,540	226,993
DAVAO REGION	413,921	434,698	416,438	429,786	464,239
Davao del Norte	38,367	39,989	38,555	43,946	40,534
Davao del Sur	76,123	80,683	76,307	78,892	74,188
Davao City	44,005	43,936	39,821	39,348	45,193
Davao Oriental	34,590	36,880	36,005	32,722	33,997
Compostela Valley	220,836	233,210	225,750	234,878	270,327
SOCCSKSARGEN	314,224	293,684	294,600	302,461	310,992
North Cotabato	68,845	64,852	58,515	60,403	60,047
Sarangani	15,534	15,889	15,533	16,266	16,031
South Cotabato	202,655	184,768	194,339	197,978	205,557
Sultan Kudarat	27,190	28,175	26,213	27,814	29,357
CARAGA	149,860	154,916	149,758	153,102	146,385
Agusan del Norte	66,880	70,729	69,776	71,049	62,006
Agusan del Sur	33,976	33,683	30,541	29,544	31,838
Dinagat Islands	..	..	..	..	..
Surigao del Norte	21,614	22,678	22,131	22,789	23,007
Surigao del Sur	27,390	27,826	27,310	29,720	29,534
ARMM	12,022	12,777	10,187	7,370	13,379
Basilan	2,940	3,135	722	..	2,941
Lanao del Sur	..	..	..	..	..
Maguindanao	8,472	9,104	9,282	7,185	10,148
Sulu	610	538	183	185	290
Tawi-tawi	..	..	..	..	..

.. Data not available
Note: Davao del Sur data includes Davao Occidental
Source: Philippine Statistics Authority

Table 2.15.1 *(continued)*

	2013	2014	2015	2016	2017
Hog					
WESTERN VISAYAS	633,094	625,875	667,200	689,680	780,888
Aklan	89,407	86,801	107,733	133,231	130,398
Antique	32,543	33,407	35,650	39,869	45,375
Capiz	52,579	49,660	48,953	51,977	58,430
Guimaras	7,512	8,554	8,998	9,928	13,474
Iloilo	201,480	205,543	206,933	182,514	225,566
Negros Occidental	249,573	241,910	258,933	272,161	307,645
CENTRAL VISAYAS	889,416	828,573	879,853	1,052,472	1,160,980
Bohol	94,647	97,108	100,315	108,185	116,824
Cebu	675,069	608,586	654,897	804,026	881,597
Negros Oriental	113,218	116,397	117,456	133,310	154,614
Siquijor	6,482	6,482	7,185	6,951	7,945
EASTERN VISAYAS	228,098	242,959	271,287	287,690	342,596
Biliran	12,271	13,630	13,215	15,141	17,194
Eastern Samar	21,461	22,713	27,064	28,989	25,622
Leyte	121,623	127,483	156,257	162,906	200,097
Northern Samar	17,232	22,939	24,251	23,475	26,778
Southern Leyte	27,897	27,692	27,976	32,051	37,693
Samar	27,614	28,502	22,524	25,128	35,212
ZAMBOANGA PENINSU	275,301	205,895	222,295	201,855	214,838
Zamboanga del Norte	39,003	41,389	46,010	49,202	57,417
Zamboanga del Sur	180,245	110,752	107,318	85,924	86,573
Zamboanga City	17,888	20,211	24,094	24,732	26,115
Zamboanga Sibugay	38,165	33,543	44,873	41,997	44,733
NORTHERN MINDANAC	463,252	475,177	482,976	494,261	508,864
Bukidnon	115,831	116,815	114,498	115,841	119,922
Camiguin	8,653	8,790	9,428	9,532	9,954
Lanao del Norte	41,514	43,749	44,833	45,877	45,662
Misamis Occidental	54,206	54,640	59,206	60,612	63,148
Misamis Oriental	243,048	251,183	255,011	262,399	270,178
DAVAO REGION	469,764	460,723	486,159	520,071	550,701
Davao del Norte	42,088	40,565	39,654	42,672	52,978
Davao del Sur	84,563	81,715	83,952	91,608	92,103
Davao City	43,687	46,020	55,922	57,054	58,690
Davao Oriental	33,173	33,434	37,459	37,696	39,387
Compostela Valley	266,253	258,989	269,172	291,041	307,543
SOCCSKSARGEN	339,211	363,972	391,588	439,187	445,955
North Cotabato	65,547	65,348	68,896	71,006	79,764
Sarangani	16,727	16,392	14,883	14,952	15,488
South Cotabato	226,856	251,984	278,982	324,822	319,266
Sultan Kudarat	30,081	30,248	28,827	28,407	31,437
CARAGA	157,382	168,325	180,510	213,160	204,984
Agusan del Norte	61,867	65,235	64,166	82,193	76,739
Agusan del Sur	37,851	44,156	50,286	56,408	57,768
Dinagat Islands	..	204	439	470	553
Surigao del Norte	24,395	25,766	28,811	34,121	26,965
Surigao del Sur	33,269	32,964	36,808	39,968	42,959
ARMM	7,455	10,136	13,129	12,002	10,002
Basilan	734	2,289	3,253	3,412	3,515
Lanao del Sur	..	..	..	..	..
Maguindanao	6,556	7,546	9,531	8,255	6,245
Sulu	165	301	345	335	242
Tawi-tawi	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

Table 2.15.2
CHICKENS DRESSED IN DRESSING PLANTS BY GEOLOCATION
2008 to 2017
(In heads)

	2008	2009	2010	2011	2012
Chicken					
PHILIPPINES	**324,893,126**	**327,642,167**	**375,961,105**	**432,180,374**	**455,484,702**
NCR	..	..	..	..	..
CAR	6,415	23,393	23,854	28,204	33,098
Abra	6,415	23,393	23,854	28,204	33,098
Apayao	..	..	..	..	..
Benguet	..	..	..	..	..
Ifugao	..	..	..	..	..
Kalinga	..	..	..	..	..
Mountain Province	..	..	..	..	..
ILOCOS REGION	25,300,433	26,924,339	29,768,904	30,714,187	32,229,426
Ilocos Norte	919,880	1,068,872	1,241,615	1,435,404	2,009,596
Ilocos Sur	129,669	..	..	..	..
La Union	10,372,790	10,993,801	13,220,008	12,935,918	13,122,818
Pangasinan	13,878,094	14,861,666	15,307,281	16,342,865	17,097,012
CAGAYAN VALLEY	10,090,098	10,913,658	20,682,228	24,210,717	24,261,343
Batanes	..	..	..	..	..
Cagayan	421,976	460,118	452,305	749,816	1,261,881
Isabela	9,644,659	10,429,037	20,199,492	23,444,866	22,999,462
Nueva Vizcaya	23,463	24,503	30,431	16,035	..
Quirino	..	..	..	..	..
CENTRAL LUZON	88,207,531	79,179,527	88,213,541	102,018,989	110,769,956
Aurora	..	..	..	..	..
Bataan	1,412,974	1,212,876	1,215,343	13,460,406	13,148,116
Bulacan	47,433,172	39,927,812	70,501,344	71,022,214	81,353,883
Nueva Ecija	13,281,394	12,687,831	13,405,195	14,160,892	12,877,219
Pampanga	23,280,765	22,920,069	251,774	249,959	252,482
Tarlac	..	1,314,686	..	..	..
Zambales	2,799,226	1,116,253	2,839,885	3,125,518	3,138,256
CALABARZON	60,688,183	61,589,041	70,723,815	78,257,087	82,735,815
Batangas	14,464,136	16,067,774	20,224,120	20,289,278	27,293,666
Cavite	9,812,682	10,241,388	10,280,325	10,447,631	10,045,452
Laguna	3,476,884	5,978,053	10,768,289	11,978,281	10,834,556
Quezon	25,251,542	26,187,003	27,357,416	28,633,916	27,081,641
Rizal	7,682,939	3,114,823	2,093,665	6,907,981	7,480,500
MIMAROPA	1,521,129	1,436,530	1,349,724	1,193,862	1,545,413
Marinduque	..	..	..	..	..
Occidental Mindoro	46,841	47,975	50,599	13,105	..
Oriental Mindoro	234,814	242,894	251,293	..	..
Palawan	1,239,474	1,145,661	1,047,832	1,180,757	1,545,413
Romblon	..	..	..	..	..
BICOL REGION	8,256,542	11,152,374	10,466,125	13,532,565	15,522,586
Albay	926,741	2,626,322	3,171,256	5,126,853	6,270,067
Camarines Norte	..	..	..	..	..
Camarines Sur	7,329,801	8,526,052	7,294,869	8,405,712	9,252,519
Catanduanes	..	..	..	..	..
Masbate	..	..	..	..	..
Sorsogon	..	..	..	..	..

Table 2.15.2 *(continued)*

	2013	2014	2015	2016	2017
Chicken					
PHILIPPINES	**466,150,308**	**471,711,098**	**508,242,629**	**568,165,300**	**630,920,419**
NCR	..	..	..	..	..
CAR	43,335	40,666	50,698	55,927	53,987
Abra	43,335	40,666	50,698	55,927	53,987
Apayao	..	..	..	..	..
Benguet	..	..	..	..	..
Ifugao	..	..	..	..	..
Kalinga	..	..	..	..	..
Mountain Province	..	..	..	..	..
ILOCOS REGION	33,483,148	27,341,331	26,024,802	29,131,786	30,876,225
Ilocos Norte	2,479,510	2,590,697	2,094,832	2,343,671	2,418,350
Ilocos Sur	..	..	..	..	..
La Union	13,594,451	11,064,927	11,606,793	13,195,982	15,053,787
Pangasinan	17,409,187	13,685,707	12,323,177	13,592,133	13,404,088
CAGAYAN VALLEY	23,365,979	22,872,255	20,923,334	21,677,275	21,847,287
Batanes	..	..	..	..	..
Cagayan	1,455,672	1,801,188	1,175,991	882,513	718,604
Isabela	21,910,307	21,071,067	19,747,343	20,794,762	21,128,683
Nueva Vizcaya	..	..	..	..	..
Quirino	..	..	..	..	..
CENTRAL LUZON	102,510,602	125,074,873	145,517,487	152,533,383	185,494,750
Aurora	..	..	..	..	..
Bataan	15,190,777	17,450,500	18,945,755	19,512,164	25,500,300
Bulacan	62,933,745	65,717,666	78,064,127	76,846,994	98,484,768
Nueva Ecija	13,527,411	15,446,431	14,138,773	12,759,486	13,937,496
Pampanga	4,321,849	7,205,380	16,205,294	26,529,929	28,926,013
Tarlac	2,778,236	15,243,356	15,113,675	16,639,762	17,693,489
Zambales	3,758,584	4,011,540	3,049,863	245,048	952,684
CALABARZON	80,194,667	75,552,081	75,872,731	88,767,402	99,851,510
Batangas	27,778,437	30,702,066	33,524,914	38,038,924	41,811,430
Cavite	9,964,518	7,621,550	7,700,187	8,512,181	8,119,387
Laguna	5,810,694	3,331,455	4,043,901	8,118,210	13,660,643
Quezon	28,415,915	24,477,032	24,022,838	26,985,914	27,402,045
Rizal	8,225,103	9,419,978	6,580,891	7,112,173	8,858,005
MIMAROPA	1,542,875	1,353,527	1,077,817	1,116,913	1,108,537
Marinduque	..	..	..	..	..
Occidental Mindoro	..	..	..	..	..
Oriental Mindoro	..	..	..	..	29,994
Palawan	1,542,875	1,353,527	1,077,817	1,116,913	1,078,543
Romblon	..	..	..	..	..
BICOL REGION	22,219,974	25,662,577	29,627,767	32,305,809	30,268,699
Albay	10,038,446	9,851,749	9,179,080	9,259,443	8,205,848
Camarines Norte	1,613,825	3,126,356	2,271,861	2,408,048	2,691,239
Camarines Sur	10,567,703	12,684,472	18,176,826	20,638,318	19,371,612
Catanduanes	..	..	..	..	..
Masbate	..	..	..	..	..
Sorsogon	..	..	..	..	..

Table 2.15.2
CHICKENS DRESSED IN DRESSING PLANTS BY GEOLOCATION
2008 to 2017
(In heads)

	2008	2009	2010	2011	2012
Chicken					
WESTERN VISAYAS	22,819,340	19,682,469	24,093,295	28,489,650	29,277,124
Aklan	..	..	..	..	..
Antique	14,582	16,049	17,267	6,411	..
Capiz	2,748,805	2,317,663	3,336,947	4,148,745	4,057,881
Guimaras	..	..	..	..	..
Iloilo	11,239,792	9,024,447	12,098,284	14,183,124	15,336,099
Negros Occidental	8,816,161	8,324,310	8,640,797	10,151,370	9,883,144
CENTRAL VISAYAS	24,105,300	29,861,666	33,626,509	38,574,252	39,215,886
Bohol	1,659,415	2,088,825	3,731,796	6,091,350	8,612,701
Cebu	20,847,719	25,507,825	26,455,977	28,600,154	25,793,348
Negros Oriental	1,598,166	2,265,016	3,438,736	3,882,748	4,809,837
Siquijor	..	..	..	..	..
EASTERN VISAYAS	7,131,364	10,778,114	12,698,533	13,989,243	15,993,467
Biliran	267	2,666	961	2,990	3,954
Eastern Samar	..	..	..	..	..
Leyte	6,587,294	10,337,435	12,058,377	13,291,431	15,115,755
Northern Samar	313,562	236,542	52,898	..	..
Southern Leyte	..	..	..	..	873,758
Samar	230,241	201,471	586,297	694,822	..
ZAMBOANGA PENINSU	6,982,120	6,637,983	7,779,138	8,514,624	8,519,714
Zamboanga del Norte	1,030,030	88,795	89,758	65,376	98,176
Zamboanga del Sur	134,394	1,016,798	1,063,371	1,105,331	1,065,060
Zamboanga City	263	..	32	42	996
Zamboanga Sibugay	5,817,433	5,532,390	6,625,977	7,343,875	7,355,482
NORTHERN MINDANAC	33,197,959	34,374,233	40,981,850	47,135,226	44,358,258
Bukidnon	931,921	948,032	950,842	987,853	915,763
Camiguin	..	..	..	..	..
Lanao del Norte	55,675	..	..	..	..
Misamis Occidental	3,257,866	3,370,727	3,842,799	4,167,587	4,353,204
Misamis Oriental	28,952,497	30,055,474	36,188,209	41,979,786	39,089,291
DAVAO REGION	18,228,221	20,789,547	20,335,795	25,519,211	28,981,828
Davao del Norte	..	..	..	..	..
Davao del Sur	20,885	25,178	43,574	24,339	21,550
Davao City	..	..	..	..	17
Davao Oriental	..	..	..	..	..
Compostela Valley	18,207,336	20,764,369	20,292,221	25,494,872	28,960,261
SOCCSKSARGEN	14,338,403	10,802,255	11,866,934	16,343,327	18,295,238
North Cotabato	..	..	..	..	..
Sarangani	..	..	..	..	..
South Cotabato	14,338,403	10,802,255	11,866,934	16,343,327	18,295,238
Sultan Kudarat	..	..	..	..	..
CARAGA	3,920,718	3,418,816	3,264,144	3,627,597	3,594,868
Agusan del Norte	3,920,718	3,418,816	3,264,144	3,627,597	3,594,868
Agusan del Sur	..	..	..	..	..
Dinagat Islands	..	..	..	..	..
Surigao del Norte	..	..	..	..	..
Surigao del Sur	..	..	..	..	..
ARMM	99,370	78,222	86,716	31,633	150,682
Basilan	..	..	..	..	..
Lanao del Sur	..	..	15,716	..	..
Maguindanao	12,168	10,101	71,000	17,733	12,682
Sulu	87,202	68,121	..	13,900	138,000
Tawi-tawi	..	..	..	..	..

.. Data not available
Note: Davao del Sur data includes Davao Occidental
Source: Philippine Statistics Authority

Table 2.15.2 *(continued)*

	2013	2014	2015	2016	2017
Chicken					
WESTERN VISAYAS	33,526,330	26,733,252	31,866,086	36,172,499	40,272,081
Aklan	..	..	..	..	..
Antique	..	..	..	..	..
Capiz	3,990,765	1,859,140	4,485,380	4,738,513	4,601,053
Guimaras	..	..	..	..	..
Iloilo	16,174,566	12,711,563	14,666,915	18,743,712	22,617,757
Negros Occidental	13,360,999	12,162,549	12,713,791	12,690,274	13,053,271
CENTRAL VISAYAS	40,829,621	42,798,506	45,185,405	48,619,866	52,242,549
Bohol	8,700,424	10,467,800	11,920,788	12,935,089	14,613,243
Cebu	29,341,970	29,718,546	30,642,619	33,133,015	37,282,078
Negros Oriental	2,787,227	2,611,965	2,621,526	2,551,672	347,228
Siquijor	..	195	472	90	..
EASTERN VISAYAS	15,295,372	7,220,448	11,079,769	19,544,373	28,493,652
Biliran	4,829	..	..	..	..
Eastern Samar	..	..	48,400	10,590	..
Leyte	13,321,995	6,592,152	9,967,111	17,943,191	24,152,283
Northern Samar	..	..	..	..	34,680
Southern Leyte	1,968,548	628,296	1,064,258	1,583,992	4,306,689
Samar	..	..	..	6,600	..
ZAMBOANGA PENINSU	9,805,456	9,997,470	10,719,711	12,367,498	13,636,857
Zamboanga del Norte	43,185	57,463	69,374	95,267	168,211
Zamboanga del Sur	1,291,407	1,234,806	1,379,249	2,935,544	4,018,245
Zamboanga City	279	126	127	270	255
Zamboanga Sibugay	8,470,585	8,705,075	9,270,961	9,336,417	9,450,146
NORTHERN MINDANAC	47,272,631	46,987,369	49,596,890	61,922,872	62,922,203
Bukidnon	958,516	583,056	621,198	617,394	496,308
Camiguin	..	..	..	..	..
Lanao del Norte	25	69	..	..	..
Misamis Occidental	5,520,204	5,647,848	5,304,480	5,054,713	5,327,446
Misamis Oriental	40,793,886	40,756,396	43,671,212	56,250,765	57,098,449
DAVAO REGION	32,309,763	31,498,890	33,085,748	34,244,629	33,491,845
Davao del Norte	9,923	..	..	..	..
Davao del Sur	26,820	19,427	14,568	19,190	20,382
Davao City	..	459,177	1,453,831	1,127,807	1,572,171
Davao Oriental	..	..	..	..	..
Compostela Valley	32,273,020	31,020,286	31,617,349	33,097,632	31,899,292
SOCCSKSARGEN	19,524,402	23,242,439	22,518,954	24,226,214	24,344,250
North Cotabato	..	..	..	..	..
Sarangani	..	..	..	..	..
South Cotabato	19,524,402	23,242,439	22,518,954	24,226,214	24,344,250
Sultan Kudarat	..	..	..	..	..
CARAGA	4,099,078	5,201,509	4,951,246	5,333,429	5,878,237
Agusan del Norte	3,950,078	4,360,478	4,445,464	4,503,076	4,969,740
Agusan del Sur	149,000	841,031	505,782	830,353	908,497
Dinagat Islands	..	..	..	..	..
Surigao del Norte	..	..	..	..	..
Surigao del Sur	..	..	..	..	..
ARMM	127,075	133,905	144,184	145,425	137,750
Basilan	..	..	..	..	..
Lanao del Sur	..	..	..	..	..
Maguindanao	..	..	..	..	..
Sulu	127,075	133,905	144,184	145,425	137,750
Tawi-tawi	..	..	..	..	..

.. Data not available
Source: Philippine Statistics Authority

Statistical Tables

Residuals

Table 3.1
EMISSIONS OF GREENHOUSE GASES BY SECTOR
2000
(in Gigagrams)

Sector and Source Catogories	Carbon Dioxide (CO_2)	Methane (CH_4)	Nitrous Oxide (N_2O)
I. Energy			
1. Energy Industries	21,127.35	0.40	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		1.60	
6. Oil and Natural Gas		166.49	
Total Emissions	**62,499.10**	**304.14**	**2.52**
Total CO_2 Equivalent	**69,667.24**		
II. Industry			
1. Mineral Products	7,911.74		
a. Cement	5,659.24		
b. Lime	1,283.77		
c. Limestone and Dolomite	905.15		
d. Soda Ash Production and Use*	63.59		
2. Chemical Industry	54.00	0.24	
3. Metal Production	639.00		
Total Emissions	**8,604.74**	**0.24**	
Total CO_2 Equivalent	**8,609.78**		
III. Agriculture			
1. Enteric Fermentation		314.50	
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	0.60
Total Emissions		**1209.79**	**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		**500.67**	**3.5**
Total CO_2 Equivalent	**11,599.07**		
V. Land Use Change and Forestry			
1. Changes in Forest/Woody Biomass	-77,526.65		
2. Forest and Grassland Conversion	-26,513.64	-46.28	-0.32
Total Emissions	**-104,040.29**	**-46.28**	**-0.32**
Total CO_2 Equivalent	**-105,111.37**		
Total National GHG Emissions (CO_2-e)	**21,767.41**		

Note: *Initially identified as Misc. Minerals in CPES 2016

Source: Climate Change Commission

1. Second National Communication to the UNFCCC
   Retrieved from: unfccc.int/resource/docs/natc/phlnc2.pdf
2. Tracking Greenhouse Gases: An Inventory Manual
   Retrieved from: http://climate.emb.gov.ph/wp-content/uploads/2016/06/GHG-Manual.pdf

Table 3.2.1
AMOUNT OF WASTEWATER GENERATED, COLLECTED AND TREATED
West Zone of Manila
2008 to 2017
(in million cubic meters)

Year	Wastewater Generated	Wastewater collected	Wastewater Treated with:		Wastewater discharged after treatment	Wastewater discharged without treatment
			Preliminary Treatment	Secondary Treatment		
2008	251.38	49.43	47.38	1.46	48.83	202.55
2009	279.98	38.53	36.52	1.41	37.93	242.05
2010	299.08	41.06	37.27	3.19	40.46	258.62
2011	323.79	43.82	39.81	3.42	43.22	280.57
2012	342.74	42.14	37.87	3.67	41.54	301.19
2013	355.08	41.06	36.39	4.07	40.46	314.62
2014	370.58	45.31	38.15	6.55	44.71	325.88
2015	385.22	57.72	39.39	17.73	57.12	328.10
2016	398.88	58.59	39.76	18.22	57.98	340.90
2017	409.33	60.09	41.11	18.38	59.49	349.84

Notes:
Data are based only from customers of Maynilad
Wastewater generated is calculated using a generally accepted return rate of 80%
Wastewater discharged without treatment is the difference between wastewater generated and wastewater treated

Source: Maynilad Water Services, Inc.

Table 3.2.2
AMOUNT OF WASTEWATER GENERATED AND TREATED
East Zone of Manila
2010 to 2017
(in million cubic meters)

Year	Wastewater Generated	Volume of wastewater collected, treated and discharged to the environment after treatment	Volume of wastewater discharged to the environment without treatment
2010	327.82	21.85	305.96
2011	329.30	24.74	304.56
2012	341.80	26.67	315.13
2013	346.88	26.92	319.96
2014	359.17	28.53	330.63
2015	369.09	26.36	342.73
2016	383.09	28.88	354.21
2017	390.71	37.05	353.66

Notes:
Data are based only from customers of Manila Water
Wastewater generated is calculated using a generally accepted return rate of 80%
Wastewater discharged without treatment is the difference between wastewater generated and wastewater treated

Source: Manila Water Company, Inc.

Table 3.3
PROJECTION OF WASTE GENERATION BY REGION
2010 to 2017
(tons per day)

Region	2010	2011	2012	2013	2014	2015	2016	2017
PHILIPPINES	**48,070**	**48,979**	**49,918**	**50,874**	**51,850**	**52,640**	**53,653**	**54,690**
NCR	7,400	7,524	7,661	7,795	7,933	8,054	8,196	8,341
CAR	742	754	767	779	792	796	809	822
I - Ilocos Region	2,236	2,263	2,290	2,317	2,345	2,368	2,396	2,425
II - Cagayan Valley	1,474	1,493	1,514	1,534	1,555	1,575	1,596	1,618
III - Central Luzon	5,383	5,496	5,611	5,728	5,848	5,976	6,102	6,230
IV-A - CALABARZON	6,929	7,136	7,349	7,568	7,795	7,958	8,197	8,443
MIMAROPA	1,273	1,296	1,319	1,343	1,367	1,383	1,408	1,434
V - Bicol Region	2,466	2,501	2,536	2,571	2,607	2,644	2,680	2,718
VI - Western Visayas	3,599	3,645	3,691	3,737	3,785	3,815	3,863	3,912
VII - Central Visayas	3,544	3,608	3,674	3,741	3,810	3,865	3,936	4,009
VIII - Eastern Visayas	1,778	1,802	1,827	1,853	1,878	1,929	1,956	1,983
IX - Zamboanga Peninsula	1,675	1,704	1,735	1,766	1,797	1,789	1,821	1,854
X - Northern Mindanao	2,226	2,269	2,313	2,358	2,404	2,430	2,477	2,525
XI - Davao Region	2,598	2,649	2,700	2,753	2,807	2,855	2,911	2,968
XII - SOCCSKSARGEN	2,243	2,292	2,343	2,395	2,448	2,482	2,537	2,593
XIII - Caraga	1,205	1,222	1,239	1,257	1,275	1,289	1,307	1,326
ARMM	1,300	1,326	1,352	1,378	1,405	1,433	1,461	1,490

Source: Environmental Management Bureau, DENR

Table 3.4.1
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
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**
Percent	**3.4%**	**11.9%**	**1.2%**	**0.3%**	**0.9%**	**0.3%**
NCR	9.2	296.7	282.8	2,157.5	503.9	482.6
CAR	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
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 - SOCCSKSARGEN	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

Table 3.4.2
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
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**
Percent	**13.6%**	**0.3%**	**10.6%**	**2.9%**	**0.4%**	**0.5%**
NCR	7.8	477.2	48.4	1202.6	98.4	563.4
CAR	4703.0	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	145035.1	35050.0	1834.0	435.3
IV-A - CALABARZON	85.3	2621.8	1766.1	7350.1	345.0	1920.9
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	1665.5	45667.4	8805.3	106.3	195.7
VIII - Eastern Visayas	0.0	0.0	2021.0	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	172084.0	1.2	5619.7	1542.1	157.6	1718.6
XII - SOCCSKSARGEN	0.0	206.0	0.0	0.0	5001.1	5000.0
XIII - Caraga	81137.0	110.8	567.8	9.2	5.1	2.9

Table 3.4.1 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2008
(tons per year)

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**
47.5%	**0.0%**	**2.3%**	**20.1%**	**0.2%**	**1.3%**	**10.5%**	**100.0%**
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 3.4.2 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2015
(tons per year)

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**
0.2%	**48.0%**	**15.9%**	**6.8%**	**0.3%**	**0.0%**	**0.6%**	**100.0%**
672.1	78.8	1391.4	135.1	544.6	20.8	6786.5	12027.1
0.0	0.0	45.4	0.0	0.3	0.0	6.0	4770.6
1.3	198.1	18801.5	0.1	0.0	3.9	610.2	19701.3
22.2	0.0	0.2	0.0	0.0	0.0	0.4	22.7
226.5	13.5	2646.5	6175.2	3430.8	54.8	788.6	196292.6
2495.7	111.8	5398.4	1313.8	1310.6	76.2	452.8	25248.4
0.0	0.0	114.6	0.0	0.0	0.0	0.0	114.6
0.0	14.0	6682.0	90.4	0.0	0.0	255.7	7273.4
0.0	0.0	1897.6	0.0	0.0	8.4	6.3	2069.7
99.2	24.2	134858.8	1337.0	4.2	42.2	9.3	192832.2
0.0	0.0	387.0	0.0	0.0	0.0	0.0	2946.9
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	911740.5	3284.3	119593.8	0.0	0.0	73.0	1215814.7
0.0	0.0	125174.2	500.0	0.0	0.0	870.0	136751.3
0.0	191.2	1604.1	15.4	0.0	0.0	710.1	84353.5

Table 3.4.3
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
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**
Percent	**69.6%**	**0.7%**	**7.3%**	**5.7%**	**0.1%**	**0.7%**
NCR	1.7	1579.9	87.2	1875.6	59.6	938.4
CAR	23180.8	743.3	2422.8	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	39689.0	348.6	5295.2
IV-A - CALABARZON	1945.7	1420.5	2964.8	4726.8	124.2	1850.6
MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V - Bicol Region	4760.2	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	3577.5	43777.9	13169.5	235.8	224.3
VIII - Eastern Visayas	0.0	0.0	0.0	16308.0	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	761970.9	13.9	48204.0	956.3	0.0	1052.7
XII - SOCCSKSARGEN	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

Table 3.4.4
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
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**
Percent	**61.3%**	**0.3%**	**3.8%**	**5.7%**	**0.0%**	**1.6%**
NCR	4.1	1423.8	245.5	956.8	33.8	59014.4
CAR	2428515.0	1.2	2552.0	15.2	0.0	17.3
I - Ilocos Region	0.0	0.0	0.0	22.3	0.0	1426.9
II - Cagayan Valley	0.0	0.3	0.0	0.0	0.0	0.0
III - Central Luzon	220.6	620.7	221.9	39969.3	1143.1	275.3
IV-A - CALABARZON	7241.9	5541.3	11654.2	205561.7	619.8	15456.4
MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V - Bicol Region	7020.5	6.9	13402.8	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	4059.0	64308.7	16939.1	191.2	159.9
VIII - Eastern Visayas	0.0	0.0	91275.0	19478.0	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	353334.0	15.2	2438.6	0.0	0.0	1053.1
XII - SOCCSKSARGEN	0.0	0.0	0.0	40.0	0.0	0.0
XIII - Caraga	258191.5	978.3	1448.1	5.5	1.9	1.6

Table 3.4.3 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2010
(tons per year)

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**
0.3%	**2.1%**	**10.1%**	**0.2%**	**1.2%**	**0.1%**	**1.7%**	**100.0%**
175.2	59.8	1255.5	56.1	964.9	5.5	1656.4	8,716.1
19.2	0.0	186.0	0.0	0.0	60.6	0.0	26,646.9
0.0	213.1	3686.0	4.3	17.0	0.1	324.6	4827.8
98.0	0.0	1.2	0.0	0.0	0.0	5.0	104.23
202.3	22.0	19684.5	201.8	4662.1	9.4	215.3	71,685.9
3613.5	60.0	13087.2	2834.0	1075.3	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	8652.8	40.7	9729.3	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	2543.9	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	28193.5	84424.6	0.0	0.0	0.0	1091.8	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 3.4.4 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2011
(tons per year)

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**
16.4%	**1.4%**	**8.1%**	**0.5%**	**0.5%**	**0.0%**	**0.3%**	**100.0%**
194.2	62.4	2002.9	221.6	393.7	24.1	2445.7	67023.0
11.9	0.0	93.2	0.3	0.0	72.4	0.0	2431278.4
0.2	261.3	913.4	5.6	22.5	0.1	234.9	2887.4
121.3	0.0	5.4	7.1	0.0	0.0	344.0	478.1
348.0	11.9	851.3	175.2	1097.1	3.5	335.6	45273.5
816544.9	560.0	57709.7	26460.9	1147.4	426.0	8085.1	1157009.5
0.0	0.0	65.7	0.0	0.0	0.0	0.0	65.7
0.4	0.0	787.8	0.4	20818.4	4.4	297.4	42942.1
0.0	0.0	252.7	0.0	0.0	0.0	1.6	474.2
200.9	30.4	1093.6	14.1	20.6	45.7	265.5	87412.9
0.0	0.3	266.2	0.0	379.0	0.0	969.8	112372.3
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	69871.3	339553.1	0.0	0.0	0.0	3168.8	769436.5
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	261889.1

Table 3.4.5
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
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
Percent	14.4%	36.0%	6.8%	3.7%	0.0%	0.7%
NCR	381.6	1166.1	1077.9	1198.2	8.3	1596.5
CAR	0.0	0.0	0.0	0.0	0.0	0.0
I - Ilocos Region	251.7	0.1	3514.7	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	271502.7	1629.5	0.0	19.4	1.7
IV-A - CALABARZON	205.0	8284.3	45260.2	25838.3	309.4	3103.3
MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V - Bicol Region	40458.6	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	21751.0	0.1	650.8	0.4	0.0	738.1
XII - SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII - Caraga	49,572.6	212.2	940.0	1068.6	0.0	22.7

Table 3.4.6
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
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**	**10,418.3**
Percent	**6.3%**	**1.1%**	**2.2%**	**3.0%**	**5.2%**	**0.1%**
NCR	18.2	1501.5	770.2	787.2	5.6	2144.4
CAR	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	1223.6	55950.0	454.0	195.0	599.5
IV-A - CALABARZON	306552.9	91608.3	98643.9	265760.9	464465.8	6157.1
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	37620.2	2717.9	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	18255.0	2.5	635.7	0.4	0.0	702.8
XII - SOCCSKSARGEN	0.0	0.0	0.0	0.0	0.0	0.0
XIII - Caraga	240709.4	6409.7	1327.9	32.0	0.0	0.4

Table 3.4.5 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2012
(tons per year)

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
21.2%	3.1%	9.3%	1.8%	0.4%	0.0%	2.5%	100.0%
467.2	344.8	2045.2	289.1	720.6	9.1	5406.1	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	1439.0	0.0	4844.9	279,848.2
164500.9	377.7	13233.6	13293.2	1218.5	19.0	7202.8	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	22877.0	53286.0	0.0	0.0	0.0	1876.3	101,179.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	3.3	2957.1	190.0	0.0	6.0	205.3	55,177.9

Table 3.4.6 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2013
(tons per year)

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**
3.9%	**6.9%**	**65.9%**	**4.8%**	**0.0%**	**0.0%**	**0.5%**	**100.0%**
451.8	591730.7	2590.2	283.1	321.7	76.4	5736.9	606417.8
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
331636.0	6762.7	981384.3	428230.0	248.9	2.7	2193.1	1809183.9
20268.0	590.0	4682979.3	3682.2	914.9	30.9	2278.3	5943932.5
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	231140.8	211.4	0.0	0.0	26720.5	299290.7
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	2244.5	27.6	0.0	0.0	5784.8	8073.6
0.1	97.4	1675.8	14.0	0.6	0.9	2.9	1983.1
0.3	21532.3	12431.0	0.0	0.0	0.0	1611.3	55171.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	6.9	4080.9	0.0	0.0	4.2	257.7	252829.2

Table 3.4.7
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
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**	**63.1**	**134,881.4**
Percent	**7.6%**	**10.9%**	**23.2%**	**32.3%**	**0.0%**	**5.4%**
NCR	41814.0	2669.6	560.3	43102.6	27.9	1705.4
CAR	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	1081.8	3264.7	29.6	1775.4
MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V - Bicol Region	25137.4	1.9	165.4	611409.4	0.0	0.0
VI - Western Visayas	0.0	87.0	272.5	10.5	4.8	0.0
VII - Central Visayas	371.6	2276.7	79607.3	143915.8	0.6	128865.6
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	266544.5	495190.2	183.1	0.2	47.1
XI - Davao Region	106140.5	2.7	1708.0	1153.1	0.0	1951.4
XII - SOCCSKSARGEN	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

Table 3.4.8
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
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**	**330.3**	**67,807.1**
Percent	**9.3%**	**7.3%**	**22.7%**	**16.4%**	**0.0%**	**1.6%**
NCR	4.6	757.1	7351.2	1502.6	23.2	4477.0
CAR	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	1355.0	5795.0	1902.0	83139.0	0.1	34642.0
IV-A - CALABARZON	745.6	11644.7	35972.3	582670.4	301.7	12352.1
MIMAROPA	0.0	0.0	0.0	0.0	0.0	0.0
V - Bicol Region	6483.8	1.6	0.5	1248.2	0.0	171.6
VI - Western Visayas	0.0	0.0	2.0	1.4	0.0	2.2
VII - Central Visayas	280.9	1021.9	215490.7	32853.0	5.1	14553.9
VIII - Eastern Visayas	0.0	1627.0	0.0	8296.3	0.0	10.1
IX - Zamboanga Peninsula	0.0	2.0	1.5	1.4	0.0	1.4
X - Northern Mindanao	0.0	296159.6	550211.0	255.7	0.2	53.2
XI - Davao Region	1876.5	355.5	69228.5	3.3	0.0	1371.2
XII - SOCCSKSARGEN	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

Table 3.4.7 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2014
(tons per year)

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**
1.1%	**0.0%**	**5.8%**	**0.5%**	**0.2%**	**0.1%**	**12.9%**	**100.0%**
1083.8	205.5	45415.3	532.9	1186.9	16.6	49286.8	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
1672.3	37.9	3715.9	6370.4	221.6	511.4	254631.7	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	1900.5	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
25195.6	94.1	67824.9	188.3	3209.7	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	20645.0	193.5	217.6	38.7	3261.3	786,482.3
0.2	9.1	3322.0	1401.9	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 3.4.8 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2015
(tons per year)

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**
0.8%	**0.1%**	**31.2%**	**0.4%**	**0.1%**	**0.0%**	**10.2%**	**100.0%**
364.3	371.0	98156.1	1201.1	843.0	33.2	103668.6	218753.0
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	1174.6	2030.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26376.0	420.0	1162336.0	2740.0	413.0	0.5	24958.0	1344076.6
6421.9	2214.4	55879.9	2448.6	938.2	726.7	263870.1	976186.7
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	8637.6
2.7	0.2	806.3	21.6	0.3	2.9	1110.8	1950.4
588.2	1916.8	6199.8	4703.6	11.2	0.5	397.0	278022.5
11.4	0.0	175.9	1.3	0.0	0.0	552.4	10674.4
0.0	0.0	483.7	0.0	0.0	0.0	37.3	527.3
0.9	178.2	21334.7	215.5	156.7	3.8	3362.4	871931.9
0.5	238.5	4637.3	4153.4	0.0	3.2	38604.1	120472.0
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 3.4.9
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2016
(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	**191,367.4**	**10,096.5**	**361,916.4**	**88,511.6**	**425.8**	**14,604.9**
Percent	**12.9%**	**0.7%**	**24.4%**	**6.0%**	**0.0%**	**1.0%**
NCR	6.7	702.3	247.4	5341.3	2.6	1460.0
CAR	15,704.2	768.8	4,036.1	101.2	2.3	281.5
I - Ilocos Region	0.0	0.0	92.3	202.4	0.0	3.4
II - Cagayan Valley	0.0	0.0	0.0	0.3	2.3	0.0
III - Central Luzon	721.0	444.6	279.5	13099.0	0.0	1353.8
IV-A - CALABARZON	3517.7	6776.1	4902.2	39496.9	409.3	9877.5
MIMAROPA	0.0	2.2	0.0	10.3	0.0	2.5
V - Bicol Region	20774.7	10.9	8.0	4180.8	0.4	0.5
VI - Western Visayas	0.0	0.6	1.3	44.7	1.0	0.9
VII - Central Visayas	4254.0	1345.5	351179.5	16320.2	8.0	1622.6
VIII - Eastern Visayas	8926.9	34.6	0.0	9659.5	0.0	0.0
IX - Zamboanga Peninsula	0.0	0.0	0.7	16.9	0.0	0.1
X - Northern Mindanao	0.0	0.0	0.0	0.0	0.0	0.0
XI - Davao Region	725.5	9.6	1168.3	23.2	0.0	1.0
XII - SOCCSKSARGEN	0.0	0.0	0.0	2.5	0.0	0.1
XIII - Caraga	136,736.8	1.2	1.0	12.4	0.0	1.0

Table 3.4.10
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2017
(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	**1,428,453.2**	**39,024.1**	**14,703.9**	**43,219.7**	**503.2**	**16,595.6**
Percent	**68.1%**	**1.9%**	**0.7%**	**2.1%**	**0.0%**	**0.8%**
NCR	13.0	400.8	289.6	1401.2	448.2	3795.8
CAR	191,218.2	2.7	1,975.8	279.3	9.0	369.0
I - Ilocos Region	0.3	26.7	99.4	34.3	0.0	3.3
II - Cagayan Valley	0.0	0.0	0.0	1.1	0.0	0.0
III - Central Luzon	240.5	36242.7	1882.2	1754.9	0.8	4887.1
IV-A - CALABARZON	74.1	1814.1	819.2	3472.3	18.1	3964.7
MIMAROPA	0.0	27.9	0.8	8.9	0.0	0.0
V - Bicol Region	11587.5	19.8	0.2	10187.0	0.6	0.1
VI - Western Visayas	0.0	0.5	16.6	34.7	0.1	48.2
VII - Central Visayas	2035.5	355.0	7845.5	2027.5	24.0	1438.7
VIII - Eastern Visayas	0.0	23.6	32.0	23153.6	0.0	0.4
IX - Zamboanga Peninsula	0.0	0.1	166.8	25.5	0.0	1.1
X - Northern Mindanao	0.0	64.2	1037.0	216.0	0.0	12.2
XI - Davao Region	1213998.4	20.8	535.4	488.4	0.0	1943.2
XII - SOCCSKSARGEN	0.0	24.4	2.3	116.9	2.4	131.7
XIII - Caraga	9,285.8	1.1	1.0	18.0	0.0	0.0

Source: Environmental Management Bureau, DENR

Table 3.4.9 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2016
(tons per year)

Waste Organic Solvent	Organic Wastes	Oil	Containers	Stabilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
6,941.9	**1,961.2**	**744,758.5**	**5,149.3**	**2,797.7**	**237.8**	**57,039.9**	**1,485,808.9**
0.5%	**0.1%**	**50.1%**	**0.3%**	**0.2%**	**0.0%**	**3.8%**	**100.0%**
329.9	715.7	83172.1	194.5	413.9	14.6	22368.9	114969.9
21.1	24.1	183.4	3.1	0.0	145.8	32.4	21304.1
0.8	26.7	694.9	19.0	0.0	0.0	651.6	1691.1
0.0	0.0	0.6	0.0	0.0	0.0	7.0	10.2
777.0	12.0	607387.0	307.0	76.1	0.0	1910.0	626367.0
5114.3	1040.1	36135.6	3593.7	1389.1	34.7	6282.6	118569.8
0.0	2.2	3185.9	0.0	0.0	0.0	8.6	3211.6
5.5	2.0	947.5	75.9	0.0	4.4	645.3	26656.0
0.0	0.6	876.8	33.0	7.0	1.9	166.2	1133.8
675.2	135.7	6895.4	247.3	10.0	35.1	946.4	383674.9
0.0	0.0	909.6	3.5	901.6	0.0	341.4	20777.1
0.0	0.0	801.0	0.0	0.0	0.0	22398.4	23217.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	1.7	985.1	665.7	0.0	1.3	877.4	4476.9
0.0	0.4	4.3	6.6	0.0	0.0	392.7	406.7
0.0	0.0	2,579.2	0.0	0.0	0.0	11.0	139342.6

Table 3.4.10 (continued)
AMOUNT OF GENERATED HAZARDOUS WASTE BY REGION, BY TYPE
2017
(tons per year)

Waste Organic Solvent	Organic Wastes	Oil	Containers	Stabilized Wastes	Organic Chemicals	Miscellaneous Wastes	TOTAL
7,398.9	**3,280.1**	**220,331.1**	**17,837.9**	**6,164.2**	**2,386.6**	**298,646.9**	**2,098,545.3**
0.4%	**0.2%**	**10.5%**	**0.9%**	**0.3%**	**0.1%**	**14.2%**	**100.0%**
1997.2	1539.5	10307.6	235.1	442.9	2016.7	24688.2	47575.9
27.4	47.6	546.1	16.5	0.0	68.0	180.2	194739.8
3.1	60.5	1647.0	66.3	0.6	0.0	2436.8	4378.4
0.0	0.0	100.2	0.0	0.0	0.0	8.7	110.0
3215.1	800.6	174041.3	14808.9	5040.1	55.9	3437.7	246407.7
1385.5	323.1	6934.7	998.1	568.1	24.0	257663.9	278059.8
0.0	1.0	658.6	2.0	0.0	1.4	12.1	712.7
0.4	1.1	869.5	140.5	0.0	9.9	381.1	23197.7
0.7	11.9	2872.5	47.0	0.2	5.3	605.7	3643.4
738.7	162.6	1895.7	747.7	18.7	40.8	739.4	18069.7
7.6	2.0	785.0	3.2	0.1	4.5	32.8	24044.8
0.0	0.0	718.4	0.0	0.0	0.3	2472.1	3384.5
0.6	282.7	7345.4	137.5	93.3	0.7	413.8	9603.5
2.2	47.3	7162.9	509.9	0.0	158.9	5280.2	1230147.5
20.3	0.0	719.3	123.2	0.2	0.0	276.7	1417.5
0.0	0.0	3,726.9	2.3	0.0	0.0	17.5	13052.5

Table 3.5
NUMBER OF SOLID WASTES DISPOSAL FACILITIES BY REGION, BY TYPE
2008 to 2017

Region	2008				2009			
	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill
Philippines	**673**	**263**	**2,428**	**24**	**838**	**394**	**6,151**	**30**
NCR	0	1	456	1	0	0	872	1
CAR	9	2	54	1	14	2	152	1
I - Ilocos Region	63	23	229	2	74	37	427	2
II - Cagayan Valley	43	9	55	0	34	26	156	1
III - Central Luzon	56	4	104	5	93	17	289	5
IV-A - CALABARZON	31	47	149	4	50	61	649	7
MIMAROPA	35	13	34	2	44	23	113	2
V - Bicol Region	74	13	77	0	91	6	168	0
VI - Western Visayas	77	11	154	1	96	18	532	2
VII - Central Visayas	119	51	111	5	116	52	384	5
VIII - Eastern Visayas	74	12	175	1	91	17	458	1
IX - Zamboanga Peninsula	19	7	48	0	29	28	246	0
X - Northern Mindanao	34	31	187	0	36	41	360	0
XI - Davao Region	0	23	426	0	1	28	607	0
XII - SOCCSKSARGEN	11	3	44	1	14	34	175	2
XIII - Caraga	28	13	124	0	55	4	548	0
ARMM	0	0	1	1	0	0	15	1

Region	2010				2011			
	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill
Philippines	**790**	**380**	**6,957**	**33**	**644**	**380**	**7,312**	**34**
NCR	0	0	933	1	0	0	935	2
CAR	15	0	154	1	15	5	154	1
I - Ilocos Region	74	37	434	2	35	57	672	3
II - Cagayan Valley	33	26	156	2	33	26	163	2
III - Central Luzon	92	17	291	5	42	10	326	4
IV-A - CALABARZON	53	59	648	7	58	47	649	7
MIMAROPA	44	22	115	2	44	22	117	2
V - Bicol Region	74	7	292	0	70	7	299	0
VI - Western Visayas	97	18	640	3	45	24	644	3
VII - Central Visayas	116	50	390	6	116	50	401	6
VIII - Eastern Visayas	69	11	875	1	69	11	875	1
IX - Zamboanga Peninsula	29	27	248	0	29	27	248	0
X - Northern Mindanao	36	40	436	0	38	42	481	0
XI - Davao Region	1	27	607	0	1	27	607	0
XII - SOCCSKSARGEN	14	32	175	2	6	17	174	2
XIII - Caraga	43	7	548	0	43	8	549	0
ARMM	0	0	15	1	0	0	18	1

Region	2012				2013			
	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill
Philippines	606	339	7,713	44	**602**	**321**	**8,486**	**55**
NCR	0	0	935	2	0	0	941	2
CAR	14	6	155	1	20	6	182	1
I - Ilocos Region	36	58	672	2	42	62	968	3
II - Cagayan Valley	30	26	170	3	30	26	172	3
III - Central Luzon	42	10	326	4	69	10	434	5
IV-A - CALABARZON	59	45	659	9	47	41	672	15
MIMAROPA	44	20	119	5	6	0	124	5
V - Bicol Region	66	7	307	1	70	8	312	1
VI - Western Visayas	45	24	644	3	45	24	644	5
VII - Central Visayas	118	49	401	6	118	49	401	6
VIII - Eastern Visayas	64	11	881	1	64	11	882	2
IX - Zamboanga Peninsula	28	27	248	0	28	27	249	
X - Northern Mindanao	22	20	500	1	21	20	499	1
XI - Davao Region	0	19	950	1		20	1,245	1
XII - SOCCSKSARGEN	10	6	175	3	10	6	175	3
XIII - Caraga	28	11	553	1	31	11	567	1
ARMM	0	0	18	1	1	0	19	1

Table 3.5 (continued)
NUMBER OF SOLID WASTES DISPOSAL FACILITIES BY REGION, BY TYPE
2008 to 2017

Region	2014				2015			
	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill
Philippines	**583**	**317**	**8,656**	**86**	**350**	**203**	**9,335**	**101**
NCR	0	0	943	2	0	0	943	2
CAR	20	6	182	2	5	1	182	2
I - Ilocos Region	36	56	1,009	18	34	59	1,009	19
II - Cagayan Valley	29	25	216	6	21	22	723	6
III - Central Luzon	68	11	510	11	37	0	681	8
IV-A - CALABARZON	40	44	673	17	47	34	674	22
MIMAROPA	6	0	124	5	8	9	124	7
V - Bicol Region	64	25	314	1	28	11	314	1
VI - Western Visayas	39	11	644	5	49	26	644	6
VII - Central Visayas	118	49	401	6	…	…	401	6
VIII - Eastern Visayas	64	11	882	2	21	0	882	3
IX - Zamboanga Peninsula	29	27	249	0	24	0	249	1
X - Northern Mindanao	25	26	501	2	18	24	501	2
XI - Davao Region	1	9	1,246	4	7	2	1,246	7
XII - SOCCSKSARGEN	9	6	175	3	23	10	175	6
XIII - Caraga	34	11	568	1	28	5	568	2
ARMM	1	0	19	1	…	…	19	1

Region	2016				2017			
	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill	Open Dump	Controlled Dump	Materials Recovery Facility	Sanitary Landfill
Philippines	**403**	**108**	**9,883**	**118**	**296**	**89**	**10,052**	**135**
NCR	0	0	976	2	0	0	976	2
CAR	1	0	190	0	0	0	190	3
I - Ilocos Region	6	8	950	21	15	9	950	21
II - Cagayan Valley	41	16	724	12	12	12	724	13
III - Central Luzon	34	0	672	8	3	0	711	13
IV-A - CALABARZON	32	14	795	22	35	19	894	27
MIMAROPA	7	9	135	8	3	7	135	8
V - Bicol Region	56	7	314	1	56	7	315	1
VI - Western Visayas	24	16	1082	8	19	6	1103	8
VII - Central Visayas	43	14	391	11	83	10	391	10
VIII - Eastern Visayas	81	3	881	4	18	0	881	5
IX - Zamboanga Peninsula	0	4	264	1	10	4	269	1
X - Northern Mindanao	23	5	501	3	5	4	501	3
XI - Davao Region	12	2	1246	8	12	2	1257	8
XII - SOCCSKSARGEN	20	4	175	6	0	0	175	8
XIII - Caraga	23	6	568	2	25	9	561	3
ARMM	…	…	19	1	…	…	19	1

… no data
Source: Environmental Management Bureau, DENR

Table 3.6
COLLECTION OF RECYCLABLE MATERIALS BY PRIMARY COLLECTORS, BY MATERIAL
as of 2008
(kilogram per capita per day)

Recylable Material	Primary Collector	Metro Manila	Metro Cebu	Southern Mindanao
Paper		**47.02**	**13.61**	**15.93**
	Street Collectors	3.18	3.59	2.45
	Collection Workers	21.83	1.81	0.62
	Disposal Site Scavengers	22.01	8.21	12.86
Aluminum		**4.04**	**0.53**	**2.21**
	Street Collectors	0.76	0.35	0.40
	Collection Workers	0.78	0.13	0.02
	Disposal Site Scavengers	2.50	0.05	1.79
Other Metals		**30.49**	**12.32**	**29.15**
	Street Collectors	1.39	5.04	14.76
	Collection Workers	12.35	0.94	0.64
	Disposal Site Scavengers	16.75	6.34	13.75
Plastic		**31.74**	**8.92**	**29.13**
	Street Collectors	1.63	3.94	3.50
	Collection Workers	9.79	0.50	0.63
	Disposal Site Scavengers	20.32	4.48	25.00
Glass		**17.39**	**1.16**	**57.23**
	Street Collectors	0.85	0.58	6.65
	Collection Workers	6.58	0.26	0.94
	Disposal Site Scavengers	9.96	0.32	49.64

Source: The Study on Recycling Industry Development in the Republic of the Philippines: Final Report, Japan International Cooperation Agency, 2008

Table 3.7.1

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE

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	**21,584,710.7**	**66,214,465.5**	**425,329.5**	**119,139.7**	**2,158,714.6**	**7,335,224.7**
Percent	**8.3%**	**25.6%**	**0.2%**	**0.0%**	**0.8%**	**2.8%**
NCR	6.21	276.94	83.46	2,003.35	401.72	490.73
CAR	297,015.05	12.60	2,210.37	27.53	0.00	29.48
I - Ilocos Region	0.00	0.00	0.00	0.00	0.00	0.00
II - Cagayan Valley	0.00	0.00	0.00	0.00	0.00	0.00
III - Central Luzon	21,110,043.45	66,182,191.89	368,251.87	96,997.62	2,147,282.33	7,329,961.31
IV-A - CALABARZON	260.07	30,452.84	30,219.30	19,629.35	861.03	4,605.49
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	48.50	47.33	34.43	1.06	0.00	0.45
VI - Western Visayas	0.00	28.27	137.66	0.30	0.00	0.00
VII - Central Visayas	35.46	1,449.82	22,480.20	473.84	72.91	16.53
VIII - Eastern Visayas	0.00	0.00	0.00	0.00	0.00	0.00
IX - Zamboanga Peninsula	0.00	0.00	0.00	0.00	0.00	0.00
X - Northern Mindanao	0.00	0.00	1.00	0.00	0.00	0.00
XI - Davao Region	166,747.00	0.00	1,555.41	0.00	10,096.60	120.18
XII - SOCCSKSARGEN	0.00	0.00	0.00	0.00	0.00	0.00
XIII - Caraga	10,555.00	5.81	355.81	6.61	0.00	0.51

Table 3.7.2

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE

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	**212,773.0**	**6,683.6**	**6,659.1**	**582,902.6**	**396.2**	**497,912.7**
Percent	**10.1%**	**0.3%**	**0.3%**	**27.6%**	**0.0%**	**23.6%**
NCR	0.01	227.44	21.56	884.01	62.37	355.88
CAR	4,539.00	0.00	0.00	36.20	0.00	0.00
I - Ilocos Region	0.00	0.00	0.00	0.00	0.00	0.00
II - Cagayan Valley	0.00	0.00	0.00	0.00	0.00	0.00
III - Central Luzon	2,153.52	4,288.59	405.06	576,899.43	41.28	494,478.95
IV-A - CALABARZON	63.47	1,994.78	1,435.39	4,145.06	106.81	2,397.08
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	75.53	0.00	0.00	0.00	0.00	0.00
VI - Western Visayas	0.00	4.47	115.49	21.88	0.00	0.00
VII - Central Visayas	48.50	72.97	79.23	299.34	14.57	81.66
VIII - Eastern Visayas	0.00	0.00	0.00	222.55	0.00	0.00
IX - Zamboanga Peninsula	0.00	0.00	0.00	0.00	0.00	0.00
X - Northern Mindanao	0.00	0.00	0.00	0.00	0.00	0.00
XI - Davao Region	116,656.00	0.75	4,260.34	387.02	170.60	598.05
XII - SOCCSKSARGEN	0.00	0.00	0.00	0.00	0.00	0.00
XIII - Caraga	89,237.00	94.62	342.01	7.09	0.60	1.05

Table 3.7.1 (continued)
AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2008
(tons per year)

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**
9.4%	**0.0%**	**33.3%**	**18.8%**	**0.1%**	**0.0%**	**0.6%**	**100.0%**
377.25	0.72	2,636.62	248.25	21.29	82.84	6,958.42	13,587.80
26.35	0.50	160.71	0.00	32.30	80.74	1.69	299,597.32
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
24,389,662.76	0.00	86,370,674.36	48,803,975.68	144,533.23	13,011.10	1,422,598.53	258,379,184.11
4,026.46	111.12	14,429.32	870.34	525.39	19.85	4,362.77	110,373.33
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	148.42	1.01	0.00	124.39	160.36	565.95
0.00	0.00	1,673.70	0.00	0.00	0.00	12.70	1,852.63
58.45	459.89	99.39	2.03	0.00	0.00	3.52	25,152.03
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	30.00	0.00	0.00	0.00	10.00	41.00
0.00	54,756.08	5.97	1,715.46	0.00	0.00	23.72	235,020.42
0.00	2.00	4.17	0.00	0.00	0.00	1.40	7.57
0.00	0.00	412.49	0.00	0.00	0.00	184.23	11,520.46

Table 3.7.2 (continued)
AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2009
(tons per year)

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**
0.1%	**30.8%**	**6.3%**	**0.7%**	**0.0%**	**0.1%**	**0.1%**	**100.0%**
286.88	6.41	1,341.25	81.70	41.24	1.54	1,773.26	5,083.52
0.00	0.00	108.08	0.00	0.00	0.00	66.02	4,749.29
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255.00	0.00	4,964.16	6,943.99	56.92	1,331.05	95.72	1,091,913.69
1,121.52	72.33	4,676.04	3,895.84	256.23	56.40	297.67	20,518.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	96.00	0.30	0.00	65.00	240.90	477.73
0.00	0.00	710.87	0.00	0.00	0.00	3.79	856.50
201.33	0.00	118,136.98	2.66	2.20	0.00	0.87	118,940.31
0.00	0.00	0.05	0.00	0.00	0.00	0.00	222.60
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	3.70	0.00	0.00	0.00	0.00	3.70
0.00	648,735.20	2,125.48	3,749.30	0.00	0.00	144.13	776,826.87
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	6.47	482.57	6.20	0.00	0.00	1.52	90,179.14

Table 3.7.3

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
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	**79,475.3**	**7,121.8**	**16,413.5**	**24,045.1**	**432.6**	**3,928.7**
Percent	**31.2%**	**2.8%**	**6.5%**	**9.5%**	**0.2%**	**1.5%**
NCR	1.60	1,095.18	594.83	1,958.84	51.23	605.09
CAR	7,586.80	742.80	2,415.73	19.00	0.00	12.02
I - Ilocos Region	0.00	0.00	0.00	0.00	0.00	0.00
II - Cagayan Valley	0.00	0.00	0.00	0.00	0.00	0.00
III - Central Luzon	10,369.87	337.83	1,916.88	8,714.28	15.15	1,574.86
IV-A - CALABARZON	1,883.90	1,424.78	2,628.68	12,731.92	193.90	1,395.12
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	4,177.30	0.00	0.00	0.00	0.00	0.00
VI - Western Visayas	0.00	899.22	197.23	28.46	0.00	0.00
VII - Central Visayas	55.93	2,596.48	8,283.52	592.62	13.15	47.95
VIII - Eastern Visayas	0.00	0.00	0.00	0.00	0.00	0.00
IX - Zamboanga Peninsula	0.00	0.00	0.00	0.00	0.00	0.00
X - Northern Mindanao	0.00	0.00	0.00	0.00	0.00	0.00
XI - Davao Region	0.00	0.00	0.00	0.00	156.00	293.00
XII - SOCCSKSARGEN	0.00	0.00	0.00	0.00	0.00	0.00
XIII - Caraga	55,399.88	25.53	376.61	0.00	3.16	0.65

Table 3.7.4

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
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	**2,659,981.2**	**7,258.4**	**78,927.3**	**213,753.5**	**495.4**	**65,901.2**
Percent	**57.9%**	**0.2%**	**1.7%**	**4.7%**	**0.0%**	**1.4%**
NCR	6.51	1,646.81	1,245.60	1,527.65	15.26	974.19
CAR	2,545,772.00	8.36	2.99	14.11	0.00	1.12
I - Ilocos Region	0.00	0.00	0.00	0.00	0.00	0.00
II - Cagayan Valley	0.00	0.32	0.00	0.00	0.00	0.00
III - Central Luzon	1,227.78	212.25	26,615.72	26,821.45	29.68	32,236.43
IV-A - CALABARZON	735.98	2,461.61	15,343.66	184,561.31	450.43	31,708.06
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	0.00	0.00	0.00	0.44	0.00	0.00
VI - Western Visayas	0.00	5.69	162.37	51.93	0.00	0.00
VII - Central Visayas	24.93	2,684.76	35,159.04	768.22	0.01	55.16
VIII - Eastern Visayas	0.00	0.00	0.00	0.00	0.00	0.00
IX - Zamboanga Peninsula	0.00	0.00	0.00	0.00	0.00	0.00
X - Northern Mindanao	0.01	0.00	0.00	8.40	0.00	0.00
XI - Davao Region	0.00	0.00	0.00	0.00	0.00	926.00
XII - SOCCSKSARGEN	0.00	0.00	0.00	0.00	0.00	0.00
XIII - Caraga	112,214.00	238.59	397.97	0.00	0.00	0.25

Table 3.7.3 (continued)

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2010
(tons per year)

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**
1.2%	**0.2%**	**41.1%**	**3.5%**	**0.9%**	**0.0%**	**1.4%**	**100.0%**
50.09	0.01	2,321.87	84.71	964.37	2.23	1,937.43	9,667.47
19.59	0.00	172.44	0.00	0.00	60.62	0.03	11,029.03
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.00
510.86	0.00	8,734.08	45.44	105.76	10.70	54.40	32,390.12
2,490.66	146.88	6,842.80	7,167.02	1,279.67	1.00	609.64	38,795.97
0.00	0.00	45.97	0.00	0.00	0.00	0.00	45.97
0.00	0.00	0.00	0.00	0.00	0.00	180.04	4,357.34
0.00	0.00	453.50	0.00	0.00	0.00	5.86	1,584.27
45.94	260.51	3,159.56	1,600.38	0.00	0.01	813.43	17,469.48
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	82,359.60	0.00	0.00	0.00	0.00	82,808.60
0.00	0.00	0.00	0.00	0.00	0.00	31.00	31.00
0.00	0.00	497.53	0.00	0.00	0.00	0.00	56,303.36

Table 3.7.4 (continued)

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2011
(tons per year)

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**
19.5%	**0.0%**	**13.3%**	**0.8%**	**0.2%**	**0.0%**	**0.3%**	**100.0%**
62.46	33.01	1,559.80	67.51	435.30	0.28	4,707.91	12,282.27
0.49	0.00	135.56	0.10	0.00	0.00	0.02	2,545,934.75
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.30	0.00	1.81	0.06	0.00	0.00	335.04	456.53
2,133.83	8.80	15,818.06	35.79	42.72	10.56	66.55	105,259.62
895,842.61	889.88	258,401.19	36,625.45	7,446.68	27.68	10,560.94	1,445,055.48
0.00	0.00	56.50	0.00	0.00	0.00	0.00	56.50
0.00	0.00	149.08	0.00	0.00	0.00	17.08	166.60
0.00	0.00	190.25	0.00	0.00	0.00	1.56	411.79
34.86	0.00	472.23	5.48	0.00	0.00	29.06	39,233.75
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.35	0.00	43.19	0.00	0.00	0.00	0.00	51.95
0.00	0.00	332,116.45	0.00	0.00	0.00	0.00	333,042.45
0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00
0.00	0.00	370.13	0.00	0.00	1.69	0.00	113,222.63

Table 3.7.5

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
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	**51,607.2**	**12,681.8**	**13,895.7**	**6,250.2**	**61.2**	**2,091.4**
Percent	**22.4%**	**5.5%**	**6.0%**	**2.7%**	**0.0%**	**0.9%**
NCR	0.00	0.00	0.00	0.00	0.00	0.00
CAR	0.00	0.00	0.00	0.00	0.00	0.00
I - Ilocos Region	0.00	0.00	0.00	0.00	0.00	0.00
II - Cagayan Valley	0.00	0.00	0.00	0.00	0.00	0.00
III - Central Luzon	0.00	0.00	0.00	0.00	0.00	0.00
IV-A - CALABARZON	2,034.63	12,587.65	12,955.43	6,009.06	61.16	2,090.51
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	0.00	0.00	0.00	0.00	0.00	0.00
VI - Western Visayas	0.00	0.00	0.00	0.00	0.00	0.00
VII - Central Visayas	0.00	0.00	0.00	0.00	0.00	0.00
VIII - Eastern Visayas	0.00	0.00	0.00	0.00	0.00	0.00
IX - Zamboanga Peninsula	0.00	0.00	0.00	0.00	0.00	0.00
X - Northern Mindanao	0.00	0.00	0.00	0.00	0.00	0.00
XI - Davao Region	0.00	0.00	0.00	0.00	0.00	0.00
XII - SOCCSKSARGEN	0.00	0.00	0.00	0.00	0.00	0.00
XIII - Caraga	49,572.61	94.11	940.26	241.19	0.00	0.85

Table 3.7.6

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
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	**131,622.2**	**48,551.8**	**103,158.7**	**165,455.0**	**464,124.8**	**58,981.4**
Percent	**2.0%**	**0.7%**	**1.6%**	**2.5%**	**7.0%**	**0.9%**
NCR	13.60	1,481.49	962.73	3,110.97	0.22	1,701.00
CAR	0.00	0.00	0.00	0.00	0.00	0.00
I - Ilocos Region	0.00	0.00	0.00	0.00	0.00	0.00
II - Cagayan Valley	0.00	0.00	0.00	0.00	0.00	0.00
III - Central Luzon	912.00	181.15	8,502.00	0.00	0.00	4,027.44
IV-A - CALABARZON	60.22	40,479.06	91,880.78	162,235.78	464,124.59	53,252.59
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	0.00	0.00	0.00	0.00	0.00	0.00
VI - Western Visayas	0.00	0.00	0.00	0.00	0.00	0.00
VII - Central Visayas	0.00	0.00	0.00	0.00	0.00	0.00
VIII - Eastern Visayas	0.00	0.00	0.00	0.00	0.00	0.00
IX - Zamboanga Peninsula	0.00	0.00	0.00	0.00	0.00	0.00
X - Northern Mindanao	0.00	0.00	0.00	102.02	0.00	0.00
XI - Davao Region	6,066.00	0.19	488.68	0.00	0.00	0.00
XII - SOCCSKSARGEN	0.00	0.00	0.00	0.00	0.00	0.00
XIII - Caraga	124,570.40	6,409.89	1,324.49	6.22	0.00	0.40

Table 3.7.5 (continued)

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2012
(tons per year)

Waste Organic Solvent	Putrescible Organic Wastes	Oil	Containers	Immobilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
125,665.9	**196.3**	**8,612.8**	**9,226.2**	**164.5**	**11.9**	**394.9**	**230,860.0**
54.4%	**0.1%**	**3.7%**	**4.0%**	**0.1%**	**0.0%**	**0.2%**	**100.0%**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125,665.93	193.03	7,333.87	9,226.15	164.54	11.86	244.79	178,578.61
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	298.14	0.00	0.00	0.00	0.00	298.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	3.32	980.78	0.00	0.00	0.00	150.15	51,983.26

Table 3.7.6 (continued)

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2013
(tons per year)

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**
1.0%	**0.3%**	**83.2%**	**0.2%**	**0.1%**	**0.0%**	**0.5%**	**100.0%**
264.16	101.91	2,661.05	290.38	762.20	7.08	8,265.18	19,621.96
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.00	0.00	6.80	30.00	0.00	0.00	12.00	73.80
57,324.00	0.35	828,119.00	11,762.00	348.00	16.24	23,985.00	935,177.17
8,781.17	195.49	4,682,258.73	1,416.91	6,858.07	678.79	333.83	5,512,556.01
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	1,303.13	120.17	0.00	0.00	501.40	2,026.73
0.00	21,526.50	4,160.00	0.00	0.00	0.00	1,531.64	33,773.01
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	5.24	2,577.86	0.00	0.00	0.00	256.82	135,151.31

Table 3.7.7

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
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	**208,832.8**	**3,057.2**	**612,506.6**	**15,833.1**	**21.6**	**6,572.3**
Percent	**21.7%**	**0.3%**	**63.6%**	**1.6%**	**0.0%**	**0.7%**
NCR	41,806.54	558.31	323.71	920.79	11.97	1,102.67
CAR	0.00	0.00	0.00	0.00	0.00	0.00
I - Ilocos Region	0.00	0.00	0.00	0.00	0.00	0.00
II - Cagayan Valley	0.00	0.00	0.00	0.00	0.00	0.00
III - Central Luzon	0.00	0.00	0.00	0.00	0.00	0.00
IV-A - CALABARZON	24.59	152.87	561.42	2,445.26	9.59	1,133.04
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	0.00	0.00	0.00	1.07	0.00	0.00
VI - Western Visayas	0.00	0.00	0.00	0.00	0.00	0.00
VII - Central Visayas	329.29	2,337.13	611,378.95	12,346.82	0.03	4,323.05
VIII - Eastern Visayas	0.00	0.00	0.00	0.00	0.00	0.00
IX - Zamboanga Peninsula	0.00	0.00	0.00	0.00	0.00	0.00
X - Northern Mindanao	0.00	0.01	0.00	107.93	0.00	0.00
XI - Davao Region	60,124.80	0.28	176.45	10.00	0.00	0.00
XII - SOCCSKSARGEN	0.00	0.65	0.00	0.77	0.00	13.26
XIII - Caraga	106,547.57	7.94	66.09	0.45	0.00	0.30

Table 3.7.8

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
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	**372,930.1**	**18,289.7**	**356,467.0**	**84,779.2**	**48.3**	**129,098.5**
Percent	**23.6%**	**1.2%**	**22.6%**	**5.4%**	**0.0%**	**8.2%**
NCR	2.47	624.31	294.21	2,701.92	5.85	20,445.84
CAR	193,069.33	6.05	0.29	44.46	0.00	152.84
I - Ilocos Region	0.00	0.00	0.00	0.00	0.00	0.00
II - Cagayan Valley	0.00	0.00	0.00	0.00	0.00	0.00
III - Central Luzon	455.00	4,035.00	780.00	31,019.00	0.00	17,487.00
IV-A - CALABARZON	421.99	11,133.37	12,690.82	45,566.13	40.85	76,575.21
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	0.00	0.00	0.00	3.04	0.00	0.00
VI - Western Visayas	0.00	0.00	0.00	0.00	0.00	0.00
VII - Central Visayas	272.92	477.88	215,206.84	411.07	1.61	14,009.48
VIII - Eastern Visayas	0.00	2,011.22	0.00	3,676.64	0.00	7.74
IX - Zamboanga Peninsula	0.00	0.00	0.00	0.00	0.00	0.00
X - Northern Mindanao	0.00	0.01	0.01	119.92	0.00	0.00
XI - Davao Region	1,115.06	0.00	29,279.69	0.00	0.00	420.00
XII - SOCCSKSARGEN	0.00	0.00	0.00	0.00	0.00	0.00
XIII - Caraga	177,593.30	1.88	98,215.18	1,237.05	0.00	0.41

Table 3.7.7 (continued)

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2014
(tons per year)

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**
1.4%	**0.0%**	**7.7%**	**0.2%**	**1.6%**	**0.0%**	**1.1%**	**100.0%**
367.26	62.10	10,313.99	172.75	10,069.24	4.63	3,357.25	69,071.21
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	23.00	2.30	0.00	0.00	9.50	34.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
735.11	12.29	7,646.73	0.00	383.60	7.84	303.02	13,415.36
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	65.16	0.00	0.00	0.00	0.00	66.23
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12,125.79	44.66	4,165.70	60.52	4,841.03	0.23	243.28	652,196.47
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	145.78	0.00	0.00	0.00	0.00	145.78
0.89	7.20	48,264.30	39.82	0.00	0.00	382.82	48,802.96
0.00	0.00	636.81	546.43	0.00	0.00	483.25	61,978.02
1.61	0.00	2,053.50	0.50	0.00	0.00	162.92	2,233.20
0.04	6.00	780.97	1,182.00	0.00	0.00	5,865.40	114,456.75

Table 3.7.8 (continued)

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2015
(tons per year)

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**
1.2%	**0.1%**	**29.8%**	**0.2%**	**0.1%**	**0.0%**	**7.7%**	**100.0%**
551.15	319.18	52,339.80	426.54	1,113.21	17.20	104,536.93	183,378.59
54.78	0.05	64,742.90	2.02	0.00	61.08	46.56	258,180.36
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15,526.00	90.00	276,560.00	840.00	591.00	2.00	2,701.00	350,086.00
2,564.55	420.38	20,060.56	987.17	395.90	9.01	8,092.63	178,958.57
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	2,821.39	2,824.43
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
306.74	85.20	1,261.34	141.16	4.19	0.25	327.74	232,506.43
8.74	0.00	169.73	1.31	0.00	0.00	285.08	6,160.46
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.02	8.00	53,627.00	44.24	0.00	0.00	425.42	54,225.62
0.00	0.00	1,680.93	0.31	0.00	3.15	3,092.21	35,591.35
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	1.15	641.82	0.00	0.00	36.06	80.81	277,807.67

Table 3.7.9

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2016
(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	**232,510.0**	**11,484.7**	**267,398.5**	**19,841.6**	**196.4**	**8,313.2**
Percent	**38.5%**	**1.9%**	**44.3%**	**3.3%**	**0.0%**	**1.4%**
NCR	2.02	122.96	144.41	1,034.19	0.39	568.25
CAR	15,704.22	1.85	1,436.32	170.96	0.00	233.31
I - Ilocos Region	6.54	8.00	144.88	2,186.00	0.00	52.65
II - Cagayan Valley	0.00	0.00	0.00	0.07	0.00	0.00
III - Central Luzon	0.00	0.00	0.00	0.00	0.00	0.00
IV-A - CALABARZON	205.64	10,308.87	3,505.36	15,334.95	193.65	6,910.62
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	0.00	0.20	0.10	0.41	0.00	0.01
VI - Western Visayas	0.00	0.00	0.00	0.00	0.00	0.00
VII - Central Visayas	4,031.52	1,021.97	261,581.34	493.21	2.33	542.72
VIII - Eastern Visayas	0.00	18.06	0.00	608.66	0.00	5.60
IX - Zamboanga Peninsula	0.00	0.00	0.00	13.20	0.00	0.00
X - Northern Mindanao	0.00	0.00	0.00	0.00	0.00	0.00
XI - Davao Region	0.00	1.35	586.12	0.00	0.00	0.00
XII - SOCCSKSARGEN	0.00	0.00	0.00	0.00	0.00	0.00
XIII - Caraga	212,560.10	1.42	0.00	0.00	0.00	0.00

Table 3.7.10

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2017
(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	**1,391,067.9**	**7,964.4**	**265,437.5**	**6,475.0**	**49.2**	**10,039.9**
Percent	**58.8%**	**0.3%**	**11.2%**	**0.3%**	**0.0%**	**0.4%**
NCR	8.04	460.40	259.56	784.46	5.66	3,233.12
CAR	190,616.29	1.35	27.38	265.38	0.02	165.67
I - Ilocos Region	0.00	1.00	0.50	0.00	0.00	0.00
II - Cagayan Valley	0.00	0.00	0.00	2.95	0.00	0.00
III - Central Luzon	327.19	5,805.21	6,532.16	1,219.08	9.18	2,362.08
IV-A - CALABARZON	24.30	693.68	527.08	1,888.66	16.03	2,357.11
MIMAROPA	0.00	0.00	0.00	0.00	0.00	0.00
V - Bicol Region	0.00	0.00	1.96	29.18	0.00	0.00
VI - Western Visayas	0.00	0.00	0.00	83.27	0.00	0.00
VII - Central Visayas	269.49	984.20	257,466.07	1,663.51	16.75	784.76
VIII - Eastern Visayas	0.00	0.20	0.00	206.97	0.00	0.38
IX - Zamboanga Peninsula	0.00	0.00	0.00	17.44	0.00	0.00
X - Northern Mindanao	0.00	1.20	0.02	169.06	0.00	734.20
XI - Davao Region	1,190,536.80	15.03	622.23	41.51	0.00	130.25
XII - SOCCSKSARGEN	0.00	1.00	0.50	93.92	1.60	272.35
XIII - Caraga	9,285.75	1.10	0.00	9.62	0.00	0.00

Source: Environmental Management Bureau, DENR

Table 3.7.9 (continued)

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2016
(tons per year)

Waste Organic Solvent	Organic Wastes	Oil	Containers	Stabilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
3,791.9	**1,095.5**	**21,325.5**	**1,873.8**	**460.6**	**10.8**	**35,168.0**	**603,470.6**
0.6%	**0.2%**	**3.5%**	**0.3%**	**0.1%**	**0.0%**	**5.8%**	**100.0%**
209.88	764.79	2,525.45	152.13	90.65	3.83	12,036.20	17,655.13
11.95	3.48	125.12	1.02	0.00	0.00	18.02	17,706.25
0.00	7.34	796.26	245.69	0.00	0.00	603.24	4,050.60
0.00	71.72	108.35	19.91	0.00	0.00	0.36	200.41
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,909.27	178.02	10,847.53	1,290.62	353.28	6.80	3,515.84	55,560.45
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	315.13	9.43	0.00	0.00	186.24	511.53
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
660.79	68.58	4,150.98	15.57	16.72	0.21	204.54	272,790.47
0.00	1.56	393.33	3.58	0.00	0.00	276.17	1,306.96
0.00	0.00	373.87	0.00	0.00	0.00	0.00	387.07
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	850.96	135.85	0.00	0.00	183.27	1,757.56
0.00	0.00	0.00	0.00	0.00	0.00	18,134.02	18,134.02
0.00	0.00	838.48	0.00	0.00	0.00	10.15	213,410.16

Table 3.7.10 (continued)

AMOUNT OF TREATED HAZARDOUS WASTE BY REGION, BY TYPE
2017
(tons per year)

Waste Organic Solvent	Organic Wastes	Oil	Containers	Stabilized Wastes	Organic Chemicals	Miscellaneous Wastes	Total
2,201.7	**2,115.4**	**358,587.2**	**17,558.5**	**9,165.2**	**1,199.8**	**292,072.3**	**2,363,934.0**
0.1%	**0.1%**	**15.2%**	**0.7%**	**0.4%**	**0.1%**	**12.4%**	**100.0%**
323.94	487.75	3,899.63	246.29	212.60	0.80	22,420.20	32,342.43
23.13	27.32	1,453.78	12.27	0.00	0.00	150.01	192,742.59
0.02	0.00	0.00	0.00	0.00	0.00	0.08	1.60
0.00	77.72	249.08	31.82	0.00	0.00	15.78	377.35
596.02	1,126.02	320,818.11	15,643.38	8,743.77	1,164.36	10,383.61	374,730.17
600.79	211.36	13,508.42	1,234.15	199.16	18.71	255,826.62	277,106.06
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	210.99	56.52	0.00	0.00	178.18	476.84
0.00	0.00	2,909.14	0.00	0.00	0.00	213.73	3,206.14
542.59	67.84	972.35	46.55	9.61	0.80	577.16	263,401.66
4.00	0.37	4.34	0.21	0.08	0.00	0.00	216.55
0.00	0.00	508.19	0.00	0.00	0.00	0.48	526.12
100.33	115.80	10,363.45	119.28	0.00	0.00	9.46	11,612.80
0.80	1.23	1,890.81	104.42	0.00	15.18	2,060.61	1,195,418.87
10.04	0.00	260.74	63.59	0.00	0.00	218.76	922.50
0.00	0.00	1,538.22	0.00	0.00	0.00	17.64	10,852.33

Table 3.8
NUMBER OF REGISTERED TREATMENT, STORAGE AND DISPOSAL (TSD) FACILITIES BY REGION
2008 to 2017

Region	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Philippines	**98**	**106**	**124**	**127**	**130**	**127**	**114**	**123**	**135**	**128**
NCR	18	19	18	17	22	21	23	20	23	21
CAR	0	1	0	1	0	0	0	0	0	2
I - Ilocos Region	2	2	3	3	3	3	5	3	3	3
II - Cagayan Valley	0	0	0	0	0	0	0	0	0	0
III - Central Luzon	18	19	24	26	27	26	28	31	32	36
IV-A - CALABARZON	36	35	42	46	41	45	36	38	42	34
MIMAROPA	0	0	0	0	1	0	0	1	0	1
V - Bicol Region	4	3	3	2	1	1	1	0	1	2
VI - Western Visayas	1	3	4	4	3	1	1	1	1	2
VII - Central Visayas	11	9	11	12	8	8	6	13	11	11
VIII - Eastern Visayas	0	0	6	5	2	2	1	2	2	2
IX - Zamboanga Peninsula	0	0	0	0	0	0	0	0	0	0
X - Northern Mindanao	2	3	3	5	6	5	4	6	7	5
XI - Davao Region	6	11	9	6	14	15	9	6	10	7
XII - SOCCSKSARGEN	0	1	1	0	2	0	0	2	3	2
XIII - Caraga	0	0	0	0	0	0	0	0	0	0

Source: Environmental Management Bureau, DENR

Statistical Tables

Extreme Events and Disasters

Table 4.1

OCCURRENCE OF NATURAL EXTREME EVENTS AND DISASTERS [1] BY TYPE
2008 to 2017

Disaster Sub-group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total	**248**	**215**	**234**	**355**	**186**	**112**	**112**	**71**	**68**	**45**
Biological	…	**1**	**1**	**8**	**16**	**3**	**2**	…	**0**	…
Bird Strikes	…	…	…	…	1	…	…	…	…	…
Disease Outbreak	…	…	…	7	13	3	2	…	…	…
Fish Kill	…	…	…	…	2	…	…	…	…	…
Pest Infestation	…	1	1	1	…	…	…	…	…	…
Climatological	…	…	**1**	…	…	…	**16**	**3**	**6**	**0**
Drought/ El Niño Phenomenon	…	…	1	…	…	…	2	2	2	…
Dry Spell	…	…	…	…	…	…	…	…	…	…
Wildfire/Bushfire	…	…	…	…	…	…	14	1	4	
Geophysical	**142**	**106**	**165**	**144**	**74**	**1**	**18**	**12**	**17**	**14**
Coastal Erosion	…	…	…	…	…	…	…	1	…	…
Earthquakes	104	89	127	78	61	1	2	1	9	9
Landslides/Cave-in	32	14	28	66	13	…	10	8	6	5
Mudflow (Lahar)	…	…	…	…	…	…	…	…	…	…
Soil Erosion	1	…	1	…	…	…	…	…	…	…
Volcanic Activity	5	3	9	…	…	…	2	2	1	…
Sinkhole	…	…	…	…	…	…	4	…	1	…
Hydrological	**70**	**25**	**47**	**121**	**61**	**40**	**45**	**18**	**34**	**22**
Flashfloods/Flooding	68	25	47	121	61	39	45	18	34	22
Storm Surge	2	…	…	…	…	1	…	…	…	…
Meteorological	**36**	**82**	**20**	**34**	**34**	**40**	**28**	**34**	**10**	**6**
Lightning/Thunderstorm [A]	1	3	6	5	7	13	5	10	3	1
Rain [B]	0	0	2	5	6	4	0	2	3	…
Northeast Monsoon	…	…	…	…	…	…	…	2	1	…
Southwest Monsoon	…	…	…	…	2	1	12	3	1	…
Tail end of the cold front	…	45 *	…	1	1	…	…	2	1	…
Tornado [C]	13	10	9	23	16	22	8	15	1	4
Tropical Cyclones Destructive	8	16	…	…	…	…	…	…	…	…
Tropical Cyclones Non-Destructive	13	5	…	…	…	…	…	…	…	…
Wind [D]	1	3	3	0	2	0	3	0		1
N.E.C	…	**1**	…	**48**	**1**	**28**	**3**	**4**	**1**	**3**
InterTropical Convergence Zone	…	…	…	…	…	…	…	4	…	2
LPA/SW Monsoon/La Mesa Dam Overflow	…	1	…	…	…	4	…	…	1	1
Miscellaneous	…	…	…	4	…	…	…	…	…	…
Rockwall and Frost	…	…	…	…	…	…	…	…	…	…
Sea Mishaps	…	…	…	44	…	…	…	…	…	…
Sea Swelling	…	…	…	…	1	…	3	…	…	…
Trashslide/ Landslide	…	…	…	…	…	24	…	…	…	…

Notes:

… No Data

[1] Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database

[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

Table 4.2
OCCURRENCE OF HUMAN INDUCED DISASTERS BY TYPE
2008 to 2017

Disaster Sub-group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total	**304**	**266**	**311**	**271**	**453**	**387**	**209**	**233**	**180**	**147**
Armed	**31**	**83**	**46**	**31**	**62**	**61**	**34**	**46**	**25**	**40**
Ambush Incident	…	…	…	…	…	…	…	1	2	3
Armed Conflict	…	36	17	16	29	26	18	27	10	32
Bomb/Grenade Explosion	31	47	29	14	30	21	13	16	11	5
Civil Disturbance	…	…	…	…	…	…	…	1	2	…
Family Feud	…	…	…	…	…	…	1	…	…	…
Hostage Taking	…	…	…	1	…	…	…	1	…	…
Military Operations	…	…	…	…	…	…	1	…	…	…
Sabah Crisis	…	…	…	…	…	1	…	…	…	…
Shooting Incidents	…	…	…	…	3	13	1	…	…	…
Aviation	**3**	**4**	**5**	**3**	**3**	**1**	**3**	**2**	**2**	**3**
Air Mishaps	3	4	5	…	…	1	3	2	2	3
Plane Crash	…	…	…	3	3	…	…	…	…	…
Chemical	**1**	…	…	…	…	…	…	…	**0**	**0**
Gas Explosion (e.g.,LPG Tank)	1	…	…	…	…	…	…	…	…	…
Mercury Poisoning	…	…	…	…	…	…	…	…	…	…
Epidemic	**18**	**6**	**15**	…	…	…	…	**3**	**9**	**1**
Disease Outbreak	…	…	…	…	…	…	…	3	9	…
Epidemic/Disease Outbreak/Viral Contamination	18	6	15	…	…	…	…	…	…	1
Fire	**115**	**111**	**132**	**130**	**174**	**148**	**70**	**101**	**77**	**52**
Bus Burning	…	…	…	1	…	…	…	…	…	…
Fire Incidents	…	…	…	…	…	…	…	101	77	52
Structural Fire Incidents	115	111	132	129	174	148	68	…	…	…
Vehicular Fire	…	…	…	…	…	…	2	…	…	…
Land	**32**	**17**	**57**	**34**	**103**	**87**	**44**	**31**	**38**	**26**
Train Mishaps	…	…	…	…	…	…	…	1	…	…
Vehicular Accidents	32	17	57	34	103	87	44	30	38	26
Maritime	**58**	**34**	**33**	**43**	**84**	**60**	**44**	**21**	**14**	**19**
Drowning Incidents	18	6	8	23	24	40	30	9	7	6
Maritime Accidents	…	…	…	20	60	20	14	12	7	13
Sea Mishaps	40	28	25	…	…	…	…	…	…	…
Special events	**1**	…	…	…	…	…	…	…	**0**	**0**
Stampede	1	…	…	…	…	…	…	…	…	…
Others	**45**	**11**	**23**	**30**	**27**	**30**	**14**	**29**	**15**	**6**
Cave-in	…	…	…	…	…	…	…	1	…	…
Chemical Explosions	2	…	…	…	…	…	…	…	…	…
Chemical/Coal/Oil Spill	0	0	2	0	3	8	0	…	…	…
Collapsed Structure	2	6	10	15	8	2	7	6	2	…
Complex Emergencies	30	…	…	…	…	…	…	…	…	…
Electrocution Incidents	…	…	1	…	…	…	…	2	…	1
Firecracker Incidents	…	…	…	…	3	…	…	…	…	…
Fish Kill	…	…	1	4	…	1	…	…	…	1
Gas/Chemical Leak	1	…	…	…	1	…	4	…	…	…
Internally Displaced Persons (IDP)	…	…	…	6	3	…	…	…	…	…
Landmine Explosion	…	…	…	…	…	…	…	…	…	…
Mining Incident	…	1	…	…	…	…	…	1	…	…
Missing Fishermen	…	…	1	…	2	5	1	…	1	…
Mountain Climbing	1	…	1	…	1	1	…	…	…	…
Others	…	…	…	…	…	8	…	…		
Poisoning [A]	9	4	7	5	6	4	2	19	10	3
Sinkhole	…	…	…	…	…	1	…	…	…	…
Pest infestation	…	…	…	…	…	…	…	…	1	…
Burning Soil	…	…	…	…	…	…	…	…	1	…
Water Tank Explosion	…	…	…	…	…	…	…	…	…	1

Notes:

… No Data

[1] Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

Source: National Disaster Risk Reduction and Management Council

Table 4.3
NUMBER OF DEATHS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY TYPE
2008 to 2017

Disaster Sub-group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total	**815**	**1,262**	**59**	**242**	**334**	**378**	**23**	**71**	**48**	**22**
Biological	…	…	…	**60**	**52**	**11**	**2**	**0**	**0**	**0**
Bird Strikes	…	…	…	…	…	…	…	…	…	…
Disease Outbreak	…	…	…	60	52	11	2	…	…	…
Fish Kill	…	…	…	…	…	…	…	…	…	…
Pest Infestation	…	…	…	…	…	…	…	…	…	…
Climatological	…	…	…	…	…	…	**1**	…	**0**	**0**
Drought/ El Niño Phenomenon	…	…	…	…	…	…	…	…	…	…
Dry Spell	…	…	…	…	…	…	…	…	…	…
Wildfire/Bushfire	…	…	…	…	…	…	1	…	…	…
Geophysical	**43**	**31**	**20**	**35**	**102**	**227**	**8**	**10**	**2**	**17**
Coastal Erosion	…	…	…	…	…	…	…	…	…	…
Earthquakes	…	…	…	…	58	227	…	…	…	12
Landslides/Cave-in	41	31	18	35	44	…	8	10	2	5
Mudflow (Lahar)	…	…	…	…	…	…	…	…	…	…
Soil Erosion	2	…	1	…	…	…	…	…	…	…
Volcanic Activity	…	…	1	…	…	…	…	…	…	…
Sinkhole	…	…	…	…	…	…	…	…	…	…
Hydrological	**112**	**6**	**17**	**41**	**20**	**7**	**3**	**11**	**9**	**1**
Flashfloods/ Flooding	112	6	17	41	20	7	3	11	9	1
Storm Surge	…	…	…	…	…	…	…	…	…	…
Meteorological	**660**	**1,224**	**22**	**106**	**160**	**48**	**9**	**42**	**37**	**0**
Lightning/ Thunderstorm[A]	1	4	6	3	10	13	5	10	6	…
Rain [B]	0	0	16	25	32	0	0	0	1	…
Northeast Monsoon	…	…	…	…	…	…	…	4	…	…
Southwest Monsoon	…	…	…	…	112	31	1	27	25	…
Tail end of the cold front	0	80	0	75	5	0	0	0	5	…
Tornado [C]	6	0	0	3	1	4	3	1	…	…
Tropical Cyclones Destructive	653	1,140	…	…	…	…	…	…	…	…
Tropical Cyclones Non-Destructive	…	…	…	…	…	…	…	…	…	…
Wind [D]	0	0	0	0	0	0	0	0	…	…
N.E.C	…	**1**	…	…	…	**85**	…	**8**	**0**	**4**
InterTropical Convergence Zone	…	…	…	…	…	…	…	8	…	4
LPA/SW Monsoon/La Mesa Dam Overflow	…	1	…	…	…	41	…	…	…	…
Miscellaneous	…	…	…	…	…	…	…	…	…	…
Rockwall and Frost	…	…	…	…	…	…	…	…	…	…
Sea Mishaps	…	…	…	…	…	…	…	…	…	…
Sea Swelling	…	…	…	…	…	…	…	…	…	…
Trashslide/Landslide	…	…	…	…	…	44	…	…	…	…

Notes:
… No Data
[1] Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database
[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 4.4
NUMBER OF DEATHS DUE TO HUMAN INDUCED DISASTERS [1] BY TYPE
2008 to 2017

Disaster Sub-group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total	**889**	**255**	**571**	**238**	**408**	**694**	**223**	**205**	**355**	**213**
Armed	**30**	**110**	**62**	**67**	**104**	**300**	**31**	**48**	**31**	**80**
Ambush Incident	…	…	…	…	…	…	…	2	2	39
Armed Conflict	…	63	34	58	74	262	17	33	10	39
Bomb/Grenade Explosion	30	47	28	9	25	24	13	12	19	2
Civil Disturbance	…	…	…	…	…	…	…	…	…	…
Family Feud	…	…	…	…	…	…	…	…	…	…
Hostage Taking	…	…	…	…	…	…	…	1	…	…
Military Operations	…	…	…	…	…	…	…	…	…	…
Sabah Crisis	…	…	…	…	…	…	…	…	…	…
Shooting Incidents	…	…	…	…	5	14	1	…	…	…
Aviation	**13**	**15**	**19**	**15**	**3**	…	**4**	**2**	**0**	**3**
Air Mishaps	13	15	19	…	…	…	4	2	…	3
Plane Crash	…	…	…	15	3	…	…	…	…	…
Chemical	…	…	…	…	…	…	…	…	…	…
Gas Explosion (e.g.,LPG Tank)	…	…	…	…	…	…	…	…	…	…
Mercury Poisoning	…	…	…	…	…	…	…	…	…	…
Epidemic	**12**	**20**	**139**	**0**	**0**	**0**	**0**	**0**	**62**	**0**
Disease Outbreak	…	…	…	…	…	…	…	…	62	…
Epidemic/Disease Outbreak/Viral Contamination	12	20	139	…	…	…	…	…	…	…
Fire	**27**	**27**	**70**	**68**	**73**	**56**	**45**	**67**	**28**	**17**
Bus Burning	…	…	…	3	…	…	…	…	…	…
Fire Incidents	…	…	…	…	…	…	…	67	28	17
Structural Fire Incidents	27	27	70	65	73	56	45	…	…	…
Vehicular Fire	…	…	…	…	…	…	…	…	…	…
Land	**97**	**30**	**211**	**41**	**156**	**138**	**79**	**51**	**212**	**71**
Train Mishaps	…	…	…	…	…	…	…	…	…	…
Vehicular Accidents	97	30	211	41	156	138	79	51	212	71
Maritime	**486**	**40**	**35**	**38**	**55**	**187**	**58**	**18**	**17**	**37**
Drowning Incidents	27	6	19	25	21	52	42	13	7	18
Maritime Accidents	…	…	…	13	34	135	16	5	10	19
Sea Mishaps	459	34	16	…	…	…	…	…	…	…
Special events	…	…	…	…	…	…	…	…	…	…
Stampede	…	…	…	…	…	…	…	…	…	…
Others	**224**	**13**	**35**	**9**	**17**	**13**	**6**	**19**	**5**	**5**
Cave-in	…	…	…	…	…	…	…	1	…	…
Chemical Explosions	…	…	…	…	…	…	…	…	…	…
Chemical/Coal/Oil Spill	…	…	…	…	…	…	…	…	…	…
Collapsed Structure	2	8	16	1	11	8	4	14	4	…
Complex Emergencies	204	…	…	…	…	…	…	…	…	…
Electrocution Incidents	…	…	7	…	…	…	…	3	…	2
Firecracker Incidents	…	…	…	…	…	…	…	…	…	…
Fish Kill	…	…	…	…	…	…	…	…	…	…
Gas/Chemical Leak	…	…	…	…	…	…	2	…	…	…
Internally Displaced Persons (IDP)	…	…	…	4	5	…	…	…	…	…
Landmine Explosion	…	1	…	…	…	…	…	…	…	…
Mining Incident	…	…	1	…	…	…	…	…	…	…
Missing Fishermen	…	…	…	…	…	1	…	…	…	…
Mountain Climbing	5	…	1	…	…	…	…	…	…	…
Others	…	…	…	…	…	2	…	…	…	…
Poisoning [A]	13	4	10	4	1	2	…	1	1	…
Sinkhole	…	…	…	…	…	…	…	…	…	…
Pest infestation	…	…	…	…	…	…	…	…	…	…
Burning Soil	…	…	…	…	…	…	…	…	…	…
Water Tank Explosion	…	…	…	…	…	…	…	…	…	3

Notes:

… No Data

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

[1] Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

Source: National Disaster Risk Reduction and Management Council

Table 4.5

ECONOMIC LOSS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY ECONOMIC ACTIVITY
2008 to 2017
(In million pesos)

Disaster Sub-group	2008			
	Infrastructure	Agriculture	Private/ Communication	Total
Total	**8,246.7**	**14,710.1**	**7.9**	**22,964.7**
Biological	…	…	…	…
Bird Strikes	…	…	…	…
Disease Outbreak	…	…	…	…
Fish Kill	…	…	…	…
Pest Infestation	…	…	…	…
Climatological	…	…	…	…
Drought/ El Niño	…	…	…	…
Dry Spell	…	…	…	…
Wildfire/Bushfire	…	…	…	…
Geophysical	**40.3**	**2.5**	**0.2**	**43.0**
Coastal Erosion	…	…	…	…
Earthquakes	0.3	1.8	…	2.1
Landslides/Cave-in	40	0.7	0.17	40.87
Mudflow (Lahar)	…	…	…	…
Soil Erosion	…	…	…	…
Volcanic Activity	…	…	…	…
Sinkhole	…	…	…	…
Hydrological	**893.8**	**2016.9**	**7.5**	**2918.1**
Flashfloods/ Flooding	893.8	2016.9	7.5	2918.1
Storm Surge	…	…	…	…
Meteorological	**7,312.6**	**12,690.7**	**0.2**	**20,003.6**
Lightning/ Thunderstorm [A]	…	…	…	…
Rain [B]	…	…	…	…
Northeast Monsoon	…	…	…	…
Southwest Monsoon	…	…	…	…
Tail end of the cold front	…	…	…	…
Tornado [C]	0.236	48.491	0.239	48.966
Tropical Cyclones Destructive	7,312.4	12,642.2	…	19,954.6
Tropical Cyclones Non-Destructive	…	…	…	…
Wind [D]	…	…	…	…
N.E.C	…	…	…	…
InterTropical Convergence Zone	…	…	…	…
LPA/SW Monsoon/La Mesa Dam Overflow	…	…	…	…
Miscellaneous	…	…	…	…
Rockwall and Frost	…	…	…	…
Sea Mishaps	…	…	…	…
Sea Swelling	…	…	…	…
Trashslide/Landslide	…	…	…	…

Notes:

… No Data

[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

1 Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database

Source: National Disaster Risk Reduction and Management Council

Table 4.5 ***(continued)***

2009				2010			
Infrastructure	**Agriculture**	**Private/ Communication**	**Total**	**Infrastructure**	**Agriculture**	**Private/ Communication**	**Total**
30,711.3	**13,354.5**	**1,017.9**	**45,083.7**	**35.5**	**12,645.2**	**3.5**	**12,684.2**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	**12,107.1**	…	**12,107.1**
…	…	…	…	…	12,107.1	…	12,107.1
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
4.69	…	**0.05**	**4.74**	**8.1**	**13.0**	**0.5**	**21.6**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
4.69	…	0.05	4.74	8.1	0.7	0.5	9.3
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	12.3	…	12.3
…	…	…	…	…	…	…	…
13.2	**16.8**	**3.0**	**33.0**	**11.6**	**120.2**	**1.3**	**133.0**
13.2	16.8	3.0	33.0	11.6	120.2	1.3	133.0
…	…	…	…	…	…	…	…
30,693.4	**13,337.7**	**1,014.8**	**45,045.9**	**15.9**	**404.9**	**1.7**	**422.5**
…	…	…	…	…	…	…	…
…	…	…	…	15.1	404.8	…	419.9
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
994.1	505.9	115.3	1,615.2	…	....	…	…
…	6.0	2.1	8.1	0.8	0.1	0.3	1.2
29,699.4	12,825.9	897.4	43,422.6	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	1.4	1.4
…	…	**0.1**	**0.1**	…	…	…	…
…	…	…	…	…	…	…	…
…	…	0.1	0.1	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…

Table 4.5 *(continued)*

ECONOMIC LOSS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY ECONOMIC ACTIVITY
2008 to 2017
(In million pesos)

Disaster Sub-group	2011			
	Infrastructure	Agriculture	Private/ Communication	Total
Total	**1,938.9**	**702.3**	**21.0**	**2,662.3**
Biological	...	...	...	...
Bird Strikes	...	...	...	...
Disease Outbreak	...	...	...	...
Fish Kill	...	...	...	...
Pest Infestation	...	...	...	...
Climatological	...	...	...	...
Drought/				
El Niño	...	...	...	...
Dry Spell	...	...	...	...
Wildfire/				
Bushfire	...	...	...	...
Geophysical	**16.0**	**0.04**	...	**16.1**
Coastal Erosion	...	...	...	...
Earthquakes	16.0	...	...	16.0
Landslides/				
Cave-in	...	0.04		0.04
Mudflow (Lahar)	...	...	...	...
Soil Erosion	...	...	...	...
Volcanic Activity	...	...	...	...
Sinkhole	...	...	...	...
Hydrological	**16.7**	**12.5**	…	**29.2**
Flashfloods/				
Flooding	16.7	12.5	...	29.2
Storm Surge	...	...	...	...
Meteorological	**1,906.2**	**689.8**	**21.0**	**2,617.1**
Lightning/				
Thunderstorm [A]	…	…	…	…
Rain [B]	531.9	20.1	…	552.0
Northeast Monsoon	…	…	…	…
Southwest Monsoon	…	…	…	…
Tail end of the cold front	1,372.3	666.6	21.0	2,059.9
Tornado [C]	2.1	3.1	…	5.2
Tropical Cyclones Destructive	…	…	…	…
Tropical Cyclones Non-Destructive	…	…	…	…
Wind [D]	…	…	…	…
N.E.C	…	…	…	…
InterTropical Convergence Zone	...	...	...	…
LPA/SW Monsoon/La Mesa Dam				
Overflow	...	...	...	…
Miscellaneous	…	…	…	…
Rockwall and Frost	…	…	…	…
Sea Mishaps	…	…	…	…
Sea Swelling	…	…	…	…
Trashslide/Landslide	…	…	…	…

Notes:

… No Data

[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

1 Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database

Source: National Disaster Risk Reduction and Management Council

Table 4.5 ***(continued)***

2012				2013			
Infrastructure	**Agriculture**	**Private/ Communication**	**Total**	**Infrastructure**	**Agriculture**	**Private/ Communication**	**Total**
2,213.5	**2,671.0**	**17.8**	**4,902.3**	**2,728.6**	**2,085.1**	**7.7**	**4,821.4**
...	...	**0.14**	**0.14**	…	…	…	…
…	…	0.14	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
769.1	…	…	**769.1**	**2,257.3**	…	…	**2,257.3**
..	…	…	…	..	…	…	..
768.5	…	…	…	2,257.3	…	…	2,257.3
0.6	…	…	…	…	…	…	..
...	…	…	…	…	…	…	..
...	…	…	…	…	…	…	..
...	…	…	…	…	…	…	..
...	…	…	…	…	…	…	..
5.8	**35.2**	**7.1**	**48.1**	**1.6**	…	…	**1.6**
5.8	35.2	7.1	…	1.6	…	…	1.6
…	…	…	…	…	…	…	..
1,438.6	**2,635.8**	**10.5**	**4,084.9**	**117.8**	**63.5**	**7.7**	**189.0**
…	…	…	…	…	…	…	…
…	180.561	…	180.561	…	0.4	2.1	2.5
…	…	…	…	…	…	…	…
1438.0	2453.7	10.3	3901.9	113.6	56.1	…	169.7
…	…	…	…	…	…	…	…
0.59	1.53	0.125	2.245	4.3	7.0	5.6	16.8
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	0.14	0.14	…	…	…	…
…	…	**0.02**	**0.02**	**351.8**	**2,021.7**	**0.02**	**2,373.5**
…	…	…	…	…	…	…	…
…	…	…	…	351.8	2021.7	…	2373.5
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	0.02	0.02	…	…	…	…
…	…	…	…	…	…	0.02	0.02

Table 4.5 *(continued)*
ECONOMIC LOSS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY ECONOMIC ACTIVITY
2008 to 2017
(In million pesos)

Disaster Sub-group	2014			
	Infrastructure	Agriculture	Private/ Communication	Total
Total	**19.0**	**243.1**	**0.3**	**262.3**
Biological	…	…	…	…
Bird Strikes	…	…	…	…
Disease Outbreak	…	…	…	…
Fish Kill	…	…	…	…
Pest Infestation	…	…	…	…
Climatological	…	**189.5**	…	**189.5**
Drought/ El Niño	…	189.5	…	189.5
Dry Spell	…	…	…	…
Wildfire/ Bushfire	…	…	…	…
Geophysical	…	…	…	…
Coastal Erosion	…	…	…	…
Earthquakes	…	…	…	…
Landslides/ Cave-in	…	…	…	…
Mudflow (Lahar)	…	…	…	…
Soil Erosion	…	…	…	…
Volcanic Activity	…	…	…	…
Sinkhole	…	…	…	…
Hydrological	**18.8**	**52.3**	**0.2**	**71.3**
Flashfloods/ Flooding	18.8	52.3	0.2	71.3
Storm Surge	…	…	…	…
Meteorological	…	…	…	…
Lightning/ Thunderstorm [A]	…	…	…	…
Rain [B]	…	…	…	…
Northeast Monsoon	…	…	…	…
Southwest Monsoon	…	…	…	…
Tail end of the cold front	…	…	…	…
Tornado [C]	…	…	…	…
Tropical Cyclones Destructive	…	…	…	…
Tropical Cyclones Non-Destructive	…	…	…	…
Wind [D]	…	…	…	…
N.E.C	**0.153**	**1.305**	**0.053**	**1.511**
InterTropical Convergence Zone	…	…	…	…
LPA/SW Monsoon/La Mesa Dam Overflow	…	0.97	0.053	1.023
Miscellaneous	…	…	…	…
Rockwall and Frost	…	…	…	…
Sea Mishaps	…	…	…	…
Sea Swelling	0.153	0.335	…	0.488
Trashslide/Landslide	…	…	…	…

Notes:
… No Data
[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
1 Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database
Source: National Disaster Risk Reduction and Management Council

Table 4.5 ***(continued)***

2015				2016			
Infrastructure	**Agriculture**	**Private/ Communication**	**Total**	**Infrastructure**	**Agriculture**	**Private/ Communication**	**Total**
178.2	**13,179.8**	**646.0**	**14,003.9**	**605.8**	**13629.9**	**0.0**	**14235.7**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	**13,038.3**	…	**13,038.3**	**0.0**	**12834.3**	**0.0**	**12834.3**
…	13,038.3	…	13,038.3	P	12834.3		12834.3
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
0.3	…	…	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
0.3	…	…	0.3	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	**2.5**	**2.5**	**4.0**	**13.6**	**0.0**	**17.6**
…	…	2.5	2.5	4.0	13.6	…	17.6
…	…	…	…	…	…	…	…
1.8	**5.2**	**643.5**	**650.5**	**600.3**	**777.6**	…	**1377.9**
…	…	…	…	…	…	…	…
0.3	1.3	…	1.5	…	…	…	…
…	…	…	…	…	…	…	…
1.5	3.9	…	5.4	600.3	777.6		1377.9
…	…	…	…	…	…	…	…
0.04	…	643.5	643.6	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
176.1	**136.3**	…	**312.4**	**1.5**	**4.452**	**0**	**5.952**
176.1	136.3	…	312.4	…	…	…	…
…	…	…	…	1.5	4.452	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…

Table 4.5 *(concluded)*
ECONOMIC LOSS DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY ECONOMIC ACTIVITY
2008 to 2017
(In million pesos)

Disaster Sub-group	2017			
	Infrastructure	Agriculture	Private/ Communication	Total
Total	**0.277**	**104.2**	**0.0**	**104.4**
Biological	…	…	…	…
Bird Strikes	…	…	…	…
Disease Outbreak	…	…	…	…
Fish Kill	…	…	…	…
Pest Infestation	…	…	…	…
Climatological	**0.0**	**0.0**	**0.0**	**0.0**
Drought/ El Niño	…	…	…	…
Dry Spell	…	…	…	…
Wildfire/ Bushfire	…	…	…	…
Geophysical	**0.2**	**0.0**	**0.0**	**0.2**
Coastal Erosion	…	…	…	…
Earthquakes	0.2			
Landslides/ Cave-in	…	…	…	…
Mudflow (Lahar)	…	…	…	…
Soil Erosion	…	…	…	…
Volcanic Activity	…	…	…	…
Sinkhole	…	…	…	…
Hydrological	**0.0**	**104.2**	**0.0**	**104.2**
Flashfloods/ Flooding	…	104.2	…	…
Storm Surge	…	…	…	…
Meteorological	**0.0**	**0.0**	…	**0.0**
Lightning/ Thunderstorm [A]	…	…	…	…
Rain [B]	…	…	…	…
Northeast Monsoon	…	…	…	…
Southwest Monsoon	…	…	…	…
Tail end of the cold front	…	…	…	…
Tornado [C]	…	…	…	…
Tropical Cyclones Destructive	…	…	…	…
Tropical Cyclones Non-Destructive	…	…	…	…
Wind [D]	…	…	…	…
N.E.C	**0.067**	**0**	**0**	**0.067**
InterTropical Convergence Zone	0.1	…	…	…
LPA/SW Monsoon/La Mesa Dam Overflow	…	…	…	…
Miscellaneous	…	…	…	…
Rockwall and Frost	…	…	…	…
Sea Mishaps	…	…	…	…
Sea Swelling	…	…	…	…
Trashslide/Landslide	…	…	…	…

Notes:
… No Data
[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
1 Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database
Source: National Disaster Risk Reduction and Management Council

Table 4.6
ECONOMIC LOSS DUE TO HUMAN INDUCED DISASTERS [1] BY ECONOMIC ACTIVITY
2008 to 2017
(In million pesos)

Disaster Sub-group	2008			
	Infrastructure	Agriculture	Private/ Communication	Total
Total	**147.4**	**152.7**	**247.8**	**547.9**
Armed	**1.1**	**0.0**	**0.0**	**1.1**
Ambush Incident	…	…	…	…
Armed Conflict	…	…	…	…
Bomb/Grenade Explosion	1.1	…	…	1.1
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	**47.3**	**0.0**	**247.4**	**294.7**
Bus Burning	…	…	…	…
Fire Incidents	…	…	…	…
Structural Fire Incidents	47.3	…	247.4	294.7
Vehicular Fire	…	…	…	…
Land	…	…	…	…
Train Mishaps	…	…	…	…
Vehicular Accidents	…	…	…	…
Maritime	**0**	**0**	**0.2**	**0.2**
Drowning Incidents	…	…	…	…
Maritime Accidents	…	…	…	…
Sea Mishaps	…	…	0.2	0.2
Special events	…	…	…	…
Stampede	…	…	…	…
Others	**99.0**	**152.7**	**0.2**	**251.9**
Cave-in	…	…	…	…
Chemical Explosions	…	…	…	…
Chemical/Coal/Oil Spill	…	…	…	…
Collapsed Structure	…	…	…	…
Complex Emergencies	99.0	152.7	0.2	251.9
Electrocution Incidents	…	…	…	…
Firecracker Incidents	…	…	…	…
Fish Kill	…	…	…	…
Gas/Chemical Leak	…	…	…	…
Internally Displaced Persons (IDP)	…	…	…	…
Landmine Explosion	…	…	…	…
Mining Incident	…	…	…	…
Missing Fishermen	…	…	…	…
Mountain Climbing	…	…	…	…
Others	…	…	…	…
Poisoning [A]	…	…	…	…
Sinkhole	…	…	…	…

Notes:

… No Data

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

[1] Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

Source: National Disaster Risk Reduction and Management Council

Table 4.6 ***(continued)***

2009				2010			
Infrastructure	**Agriculture**	**Private/ Communication**	**Total**	**Infrastructure**	**Agriculture**	**Private/ Communication**	**Total**
17.5	…	**120.8**	**138.3**	**13.0**	…	**192.4**	**205.4**
…	…	**1.5**	**1.5**	…	…	**0.1**	**0.1**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	1.5	1.5	…	…	0.1	0.1
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
17.5	…	**119.3**	**136.8**	**13.0**	…	**192.4**	**205.4**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
17.5	…	119.3	136.8	13.0	…	192.4	205.4
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…

Table 4.6 ***(continued)***

ECONOMIC LOSS DUE TO HUMAN INDUCED DISASTERS [1] BY ECONOMIC ACTIVITY
2008 to 2017
(In million pesos)

Disaster Sub-group	2011			
	Infrastructure	Agriculture	Private/ Communication	Total
Total	**168.1**	**265.4**	**0.03**	**433.5**
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	**164.0**	...	**0.03**	**164.0**
Bus Burning	...	...	...	...
Fire Incidents	...	...	...	...
Structural Fire Incidents	164.0	..	0.03	164.0
Vehicular Fire	...	...	...	...
Land	...	...	...	...
Train Mishaps	...	...	...	...
Vehicular Accidents	...	...	...	...
Maritime	**4.1**	...	...	**4.1**
Drowning Incidents	4.1	...	...	4.1
Maritime Accidents	...	...	...	...
Sea Mishaps	...	...	...	...
Special events	...	...	...	...
Stampede	...	...	...	...
Others	...	**265.4**	...	**265.4**
Cave-in	...	...	...	...
Chemical Explosions	...	...	...	...
Chemical/Coal/Oil Spill	...	...	...	...
Collapsed Structure	...	...	...	...
Complex Emergencies	...	...	...	...
Electrocution Incidents	...	...	...	...
Firecracker Incidents	...	...	...	...
Fish Kill	...	265.4	...	265.4
Gas/Chemical Leak	...	...	...	...
Internally Displaced Persons (IDP)	...	...	...	...
Landmine Explosion	...	...	...	...
Mining Incident	...	...	...	...
Missing Fishermen	...	...	...	...
Mountain Climbing	...	...	...	...
Others	...	...	...	...
Poisoning [A]	...	...	...	...
Sinkhole	...	...	...	...

Notes:

… No Data

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

[1] Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council
Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

Source: National Disaster Risk Reduction and Management Council

Table 4.6 ***(continued)***

2012				2013			
Infrastructure	**Agriculture**	**Private/ Communication**	**Total**	**Infrastructure**	**Agriculture**	**Private/ Communication**	**Total**
127.6	…	**45.2**	**172.8**	**2,890.8**	**205.7**	**517.5**	**3,614.0**
…	…	…	…	**2,883.8**	**204.4**	**0.02**	**3,088.2**
…	…	…	…	…	…	…	…
…	…	…	…	2,883.8	204.4	0.02	3,088.2
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
127.6	…	**41.4**	**169.0**	**7**	**0.12**	**517.5**	**524.6**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
127.6	…	41.4	169.0	7.0	0.1	517.5	524.6
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	**1.8**	**1.8**	…	…	…	…
…	…	…	…	…	…	…	…
…	…	1.8	1.8	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	**2.0**	**2.0**	…	**1.2**	…	**1.2**
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	2.0	2.0	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	1.2	…	1.2
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…

Table 4.6 ***(continued)***

ECONOMIC LOSS DUE TO HUMAN INDUCED DISASTERS [1] BY ECONOMIC ACTIVITY
2008 to 2017
(In million pesos)

Disaster Sub-group	2014			
	Infrastructure	Agriculture	Private/ Communication	Total
Total	**296.5**	…	**31.3**	**327.8**
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	**296.5**	…	**31.3**	**327.8**
Bus Burning	…	…	…	…
Fire Incidents	…	…	…	…
Structural Fire Incidents	296.5	…	31.3	327.8
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	…	…	…	…
Mining Incident	…	…	…	…
Missing Fishermen	…	…	…	…
Mountain Climbing	…	…	…	…
Others	…	…	…	…
Poisoning [A]	…	…	…	…
Sinkhole	…	…	…	…

Notes:

… No Data

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

[1] Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

Source: National Disaster Risk Reduction and Management Council

Table 4.6 ***(continued)***

2015				2016			
Infrastructure	**Agriculture**	**Private/ Communication**	**Total**	**Infrastructure**	**Agriculture**	**Private/ Communication**	**Total**
107.3	**19.2**	**317.4**	**443.9**	**37.5**	**8.0**	**45.0**	**90.6**
0.2	**19.2**	…	**19.4**	…	…	…	…
…	…	…	…	…	…	…	…
0.2	19.2	…	19.4	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…	…	…	…	…
…	…	…	…

Table 4.6 ***(concluded)***

ECONOMIC LOSS DUE TO HUMAN INDUCED DISASTERS [1] BY ECONOMIC ACTIVITY
2008 to 2017
(In million pesos)

Disaster Sub-group	2017			
	Infrastructure	Agriculture	Private/ Communication	Total
Total	**64.9**	**125.5**	**0.0**	**190.4**
Armed	**0.0**	**0.0**	**0.0**	**0.0**
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	**64.9**	**0.0**	**0.0**	**64.9**
Bus Burning	…	…	…	…
Fire Incidents	64.9	…	…	64.9
Structural Fire Incidents	…	…	…	…
Vehicular Fire	…	…	…	…
Land	…	…	…	…
Train Mishaps	…	…	…	…
Vehicular Accidents	…	…	…	…
Maritime	…	…	…	…
Drowning Incidents	…	…	…	…
Maritime Accidents	…	…	…	…
Sea Mishaps	…	…	…	…
Special events	…	…	…	…
Stampede	…	…	…	…
Others	**0.0**	**125.5**	**0.0**	**125.5**
Cave-in	…	…	…	…
Chemical Explosions	…	…	…	…
Chemical/Coal/Oil Spill	…	…	…	…
Collapsed Structure	…	…	…	…
Complex Emergencies	…	…	…	…
Electrocution Incidents	…	…	…	…
Firecracker Incidents	…	…	…	…
Fish Kill	…	125.487	…	…
Gas/Chemical Leak	…	…	…	…
Internally Displaced Persons (IDP)	…	…	…	…
Landmine Explosion	…	…	…	…
Mining Incident	…	…	…	…
Missing Fishermen	…	…	…	…
Mountain Climbing	…	…	…	…
Others	…	…	…	…
Poisoning [A]	…	…	…	…
Sinkhole	…	…	…	…

Notes:

… No Data

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

[1] Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

Source: National Disaster Risk Reduction and Management Council

Table 4.7
MAJOR NATURAL EXTREME EVENTS AND DISASTERS
2008 to 2017

Dates	Disaster Sub-group	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
Total Disaster					**12,439**	**45,236**	**2,822**
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.	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
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,	2	0	1
May 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,	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	4	1	0
July 30 to August 2			Tropical Storm Jolina	Regions I, II, III, CALABARZON, MIMAROPA, VI, VII, X,	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 Maring	Regions I, III, CALABARZON.	13	2	0
September 12 to 13			Tropical Storm Nando	Regions I, II, CALABARZON. and	3	3	0
September 24 to 27			Tropical Storm Ondoy	Regions I, II, III, CALABARZON, MIMAROPA, V, VI, IX, X. XII. ARMM. CAR.	464	529	37
September 30 to October 10			Typhoon Pepeng	Regions I, II, III, CALABARZON, MIMAROPA, V, VI,	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			
21,677,154	**103,842,315**	**1,335,143**	**3,833,785**	**239,671.6**	**89,259.0**	**66,568.6**	**P**	**395,499.2**
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
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	…	…	…		…
13,677	68,022	1	3	…	…	…		…
993,227	4,901,234	30,082	154,922	6,600.2	3,595.6	599.8	P	10,795.6
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
2008 to 2017

Dates	Disaster Sub-group	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**	**18,726.3**	**8,758.7**	**3,116.4**	**P**	**30,601.3**
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 ***(continued)***
MAJOR NATURAL EXTREME EVENTS AND DISASTERS
2008 to 2017

Dates	Disaster Sub-group	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 ***(continued)***
MAJOR NATURAL EXTREME EVENTS AND DISASTERS
2008 to 2017

Dates	Disaster Sub-group	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 ***(continued)***
MAJOR NATURAL EXTREME EVENTS AND DISASTERS
2008 to 2017

Dates	Disaster Sub-group	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
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

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
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

Continued

Table 4.7 ***(continued)***
MAJOR NATURAL EXTREME EVENTS AND DISASTERS
2008 to 2017

Dates	Disaster Sub-group	Disaster Type	Disaster	Areas Affected	Casualties		
					Dead	Injured	Missing
2016					**69**	**138**	**26**
July 5-8	Meteorological	Storm	Typhoon Butchoy	Regions III, IV-A, IV-B, I	2	2	0
July			Southwest Monsoon	Regions III, IV-A	0	0	0
July 29-August 1			Tropical Storm Carina	Regions I, II, V, VI, CAR	0	0	0
August 8-24			Southwest Monsoon	Regions NCR, I, III, IV-A, IV-B, VI, NIR, CAR	25	16	3
September 11-14			Tropical Depression Ferdie	Regions I, II, CAR	0	0	0
September 24-28			Typhoon Helen	Region III	0	0	0
October 13-17			Typhoon Karen	Regions I, II, III, IV-A, V,	0	0	0
October 17-20			Typhoon Lawin	Regions I, II, III, IV-A, V,	23	120	0
November 23-28			Tropical Storm Marce	Regions IV-B, VI, VII, VIII, CARAGA	3	0	2
December 23-27			Typhoon Nina	Regions IV-A, IV-B, V, V	16	0	21
2017					**253**	**797**	**224**
February 10	Geophysical	Earthquake	Magnitude 6.7 Earthquake	Caraga	8	189	0
April 4			Earthquake Swarm	Region IV-A	0	6	0
April 12			Magnitude 6.0 Earthquake	Regions X, ARMM	0	0	0
April 29			Magnitude 7.2 Earthquake	Region XII	0	5	0
July 6			Magnitude 6.5 Earthquake	Region VIII	3	493	0
January 7-9	Meteorological	Storm	Tropical Depression Auring	Caraga	0	0	0
February 3-6			Tropical Depression Bising	Regions NCR, II, III, IV-A	2	2	0
February 15-March 9			Tail-End of a Cold Front (TECF)	Regions IX, X, XI, XII, Caraga, ARMM	0	0	0
April 14-15			Tropical Depression Crising	Regions VII, VIII	1	0	0
July 10			Continous Rains	Regions XII, ARMM	1	6	0
July 25-30			Tropical Depression Gorio	Regions NCR, I, III, IV-A	0	0	0
August 24-26			Tropical Storm Jolina	Regions I, II, III, CAR	0	0	0
September 11-13			Typhoon Lannie and Tropical Storm Maring	Regions NCR, III, IV-A,	25	0	4
October 11-14			Severe Tropical Storm Odette	Regions II, III, CAR	1	0	0
October 15			Intertropical Convergence Zone	Regions IX, ARMM	0	0	0
October 16-22			Typhoon Paolo	Regions VI, VII, IX, XII, A	0	0	0
November 1-3			Severe Tropical Storm Ramil	Regions IV-B, V	0	0	0
November 9-11			Tropical Storm Salome	Regions III, IV-A, V	0	0	0
November 17-18			Tropical Storm Tino	Regions IV-B, XI	0	0	0
November			Northeast Monsoon	Regions II, CAR	0	0	0
December 12-19			Tropical Storm Urduja	Regions IV-A, IV-B, V, VI, VII, VIII, XI, Caraga	47	78	44
December 20-24			Tropical Storm Vinta	Regions IV-B, VII, VIII, IX, X, XI, XII, Caraga, ARMM	165	18	176

... No Data
Source: National Disaster Risk Reduction and Management Council

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	
1,571,073	**7,049,886**	**142,773**	**527,253**	**21,148**	**13,633**	**0**	**P 34,781.5**
8,130	33,800	0	9	0.4	…	…	0.4
4,930	20,840	0	0	0.0	…	…	0.0
1,976	8,809	3	43	137.4	28.0	…	165.4
276,255	1,264,310	291	166	600.3	777.6	…	1,377.9
4,588	16,648	444	2,570	138.6	222.8	…	361.4
532	2,555	0	0	1.3	…	…	1.3
70,169	318,378	0	0	3,797.4	267.1	…	4,064.5
541,805	2,424,300	43,053	229,931	7,620.4	8,639.5	…	16,259.9
18,288	76,824	9	101	257.3	29.9	…	287.2
644,400	2,883,422	98,973	294,433	8,595.3	3,668.2	…	12,263.5
848,655	**3,760,125**	**11,783**	**55,740**	**4,355**	**2,930**	**20**	**7,304**
10,691	53,455	555	10,090	0.0	719.6	0.0	719.6
6,710	29,925	579	2,718	0.0	0.0	0.0	0.0
1,342	5,765	817	52	0.0	0.0	0.0	0.0
3	18	0	4	0.0	0.0	0.0	0.0
4,130	16,052	1,484	2,155	35.2	165.5	19.5	220.2
9,111	38,882	0	0	38.6	0.0	0.0	38.6
8,130	33,800	0	9	0.4	0.0	0.0	0.4
44,912	173,221	58	137	0.0	0.0	0.0	…
113	427	83	91	0.0	0.0	0.0	0.0
92,647	454,934	11	15	22.2	0.0	0.0	22.2
1,656	7,339	52	114	8.8	0.0	0.0	8.8
929	3,397	0	0	0.0	0.0	0.0	0.0
9,410	40,830	329	1,493	219.5	47.6	0.0	267.0
961	4,721	2	0	4.4	0.0	0.0	4.4
4,710	23,520	309	459	0.0	0.0	0.0	0.0
29,587	145,017	532	579	0.0	0.0	0.0	0.0
78	305	0	0	0.0	0.0	0.0	0.0
1,303	5,673	44	102	257.7	19.5	0.0	277.3
497	0	1	2	0.0	0.0	0.0	0.0
18,552	72,607	0	0	0.0	0.0	0.0	0.0
435,220	1,852,900	2,748	32,538	1,910.4	1,735.2	0.0	3,645.6
167,963	797,337	4,179	5,182	1,857.4	242.7	0.0	2,100.1

Table 4.8
MAJOR HUMAN INDUCED DISASTERS
2008 to 2017

Dates	Disaster Sub-group	Disaster	Areas Affected	Casualties		
				Dead	Injured	Missing
Total Disaster				**1,113**	**412**	**336**
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
2017				**172**	**0**	**336**
May 23	Armed	Marawi Siege	Regions VI, VII, IX, X, XI, XII, Caraga, ARMM	172	0	336

… No Data

Source: National Disaster Risk Reduction and Management Council

Table 4.8 ***(Continued)***

Dates	Affected		Damaged Houses		Damaged Properties (php millions)				Total Cost of Damages (In millions)	
	Families	Persons	Total	Part	Agri-culture	Infra-structure	Private/ Communication			
Total Disaster	**281,335**	**1,319,429**	**13,245**	**724**	**357**	**2,982**	…		**P**	**3,339.2**
2008	**0**	**0**	**0**	**0**	**0**	**0**	**0.0**		**P**	**0.0**
June 21	…	…	…	…	…	…	…			…
2009	**157,584**	**756,554**	**3,077**	**724**	**153**	**99**	**0.0**		**P**	**251.6**
10 Aug 2008 to 07 July 2009	157,584	756,554	3,077	724	152.6	99.0	…		P	251.6
2013	**23,794**	**118,819**	**10,160**	**0**	**204**	**2,883**	**0.0**		**P**	**3,087.6**
September 9	23,794	118,819	10,160	0	204.4	2,883.2	…		P	3,087.6
2017	**99,957**	**444,056**	**8**	**0**	**0**	**0**	**0**		**P**	**0**
May 23	99,957	444,056	8	0	0.0	0.0	…		P	0.0

Table 4.9

NUMBER OF INJURED DUE TO NATURAL EXTREME EVENTS AND DISASTERS [1] BY TYPE

2008 to 2017

Disaster Sub-group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total	**1,034**	**936**	**57**	**493**	**266**	**1,076**	**347**	**68**	**91**	**21**
Biological	**0**	**0**	**0**	**183**	**19**	**0**	**322**	**0**	**0**	**0**
Bird Strikes	…	…	…	…	…	…	…	…	…	…
Disease Outbreak	…	…	…	183	19	…	322	…	…	…
Fish Kill	…	…	…	…	…	…	…	…	…	…
Pest Infestation	…	…	…	…	…	…	…	…	…	…
Climatological	**0**	**0**	**0**	**0**	**0**	**0**	**0**	…	**0**	**0**
Drought/ El Niño Phenomenon	…	…	…	…	…	…	…	…	…	…
Dry Spell	…	…	…	…	…	…	…	…	…	…
Wildfire/Bushfire	…	…	…	…	…	…	…	…	…	…
Geophysical	**49**	**22**	**22**	**73**	**198**	**1008**	**7**	**7**	**0**	**4**
Coastal Erosion	…	…	…	…	…	…	…	…	…	…
Earthquakes	…	…	…	38	178	976	…	…	…	4
Landslides/Cave-in	48	22	19	35	20	32	7	7	…	…
Mudflow (Lahar)	…	…	…	…	…	…	…	…	…	…
Soil Erosion	1	…	3	…	…	…	…	…	…	…
Volcanic Activity	…	…	…	…	…	…	…	…	…	…
Sinkhole	…	…	…	…	…	…	…	…	…	…
Hydrological	**69**	**4**	**10**	**17**	**10**	**0**	**9**	**10**	**7**	**11**
Flashfloods/ Flooding	69	4	10	17	10	…	9	10	7	11
Storm Surge	…	…	…	…	…	…	…	…	…	…
Meteorological	**916**	**910**	**25**	**215**	**39**	**39**	**9**	**44**	**84**	**6**
Lightning/ Thunderstorm[A]	7	6	17	6	11	13	3	17	10	…
Rain [B]	…	…	2	176	2	1	…	1	…	…
Northeast Monsoon	…	…	…	…	…	…	…	…	…	…
Southwest Monsoon	…	…	…	…	14	8	2	9	16	…
Tail end of the cold front	…	27	…	13	…	…	…	12	58	…
Tornado [C]	12	3	1	20	12	17	4	5	…	6
Tropical Cyclones Destructive	897	873	…	…	…	…	…	…	…	…
Tropical Cyclones Non-Destructive	…	…	…	…	…	…	…	…	…	…
Wind [D]	…	1	5	…	…	…	…	…	…	…
N.E.C	**0**	**0**	**0**	**5**	**0**	**29**	**0**	**7**	**0**	**0**
InterTropical Convergence Zone	…	…	…	…	…	29	…	7	…	…
LPA/SW Monsoon/La Mesa Dam Overflow	…	…	…	…	…	…	…	…	…	…
Miscellaneous	…	…	…	…	…	…	…	…	…	…
Rockwall and Frost	…	…	…	…	…	…	…	…	…	…
Sea Mishaps	…	…	…	5	…	…	…	…	…	…
Sea Swelling	…	…	…	…	…	…	…	…	…	…
Trashslide/Landslide	…	…	…	…	…	…	…	…	…	…

Notes:

… No Data

[1] Natural Disaster Classification by Centre for Research on the Epidemiology of Disasters Emergency Event database

[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 4.10
NUMBER OF INJURED DUE TO HUMAN INDUCED EXTREME EVENTS AND DISASTERS[1] BY TYPE
2008 to 2017

Disaster Sub-group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total	**3065**	**2596**	**3432**	**2598**	**3795**	**3925**	**2901**	**5809**	**7691**	**3161**
Armed	**322**	**337**	**226**	**112**	**261**	**461**	**118**	**162**	**271**	**124**
Ambush Incident	...	...	...	...	...	32	...	3	2	76
Armed Conflict	…	19	39	29	138	262	16	22	70	23
Bomb/Grenade Explosion	322	318	187	83	123	167	102	130	199	25
Civil Disturbance	...	...	...	...	...	...	...	7	...	...
Family Feud	...	...	...	...	...	...	...	...	...	...
Hostage Taking	...	...	...	...	...	...	...	...	...	...
Military Operations	...	...	...	...	...	...	...	...	...	...
Sabah Crisis	...	...	...	...	...	...	...	...	...	...
Shooting Incidents	...	...	...	...	...	...	...	...	...	...
Aviation	**0**	**0**	**10**	**19**	**1**	**8**	**2**	**6**	**0**	**3**
Air Mishaps	...		10	...	...	8	2	6	...	3
Plane Crash	...	...	...	19	1	...	...	...	...	...
Chemical	**58**	**0**	**0**	**0**	...	…	…	…	...	...
Gas Explosion (e.g.,LPG Tank)	58	...	...	...	...	...	...	...	...	...
Mercury Poisoning	...	...	...	...	...	...	...	...	...	...
Epidemic	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**101**	**4575**	**68**
Disease Outbreak	...	...	...	...	...	...	...	101	4575	68
Epidemic/Disease Outbreak/Viral Contamination	...	...	...	...	...	...	...	...	...	...
Fire	**69**	**100**	**79**	**96**	**148**	**80**	**90**	**131**	**124**	**182**
Bus Burning	...	...	...	...	...	...	...	...	...	...
Fire Incidents	...	...	...	...	...	...	...	131	124	182
Structural Fire Incidents	69	100	79	96	148	80	89	...	...	...
Vehicular Fire	...	...	...	...	...	...	1	...	...	...
Land	**321**	**124**	**1017**	**328**	**1036**	**739**	**430**	**397**	**403**	**410**
Train Mishaps	...	...	...	...	...	...	...	70	...	...
Vehicular Accidents	321	124	1017	328	1036	739	430	327	403	410
Maritime	**123**	**1**	**26**	**15**	**23**	**18**	**54**	**14**	**69**	**85**
Drowning Incidents	2	...	...	...	5	1	11	...	...	6
Maritime Accidents	...	...	...	15	18	17	43	14	69	79
Sea Mishaps	121	1	26	...	...	...	...	...	...	...
Special events	…	…	…	…	…	…	…	…	...	...
Stampede	...	...	...	...	...	...	...	...	...	...
Others	**2172**	**2034**	**2074**	**2028**	**2326**	**2619**	**2207**	**4998**	**2249**	**2289**
Cave-in	…	...	...	...	...	...	...	...	...	...
Chemical Explosions	...	...	...	...	...	...	...	...	...	...
Chemical/Coal /Oil Spill	...	...	...	...	...	...	...	...	...	...
Collapsed Structure	1	23	32	13	7	13	6	16	9	...
Complex Emergencies	162	...	...	...	...	...	...	...	...	...
Electrocution Incidents	...	...	1	...	...	...	...	5	...	...
Firecracker Incidents	...	...	...	...	37	...	...	...	...	...
Fish Kill	...	...	...	...	...	...	...	...	...	...
Gas/Chemical Leak	...	...	...	...	120	...	33	…	...	...

Continued

Table 4.10
NUMBER OF INJURED DUE TO HUMAN INDUCED EXTREME EVENTS AND DISASTERS[1] BY TYPE
2008 to 2017

Disaster Sub-group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Internally Displaced Persons (IDP)	...	...	...	...	3	...	...	...	...	...
Landmine Explosion	...	2	...	…	...	...	...	...	...	...
Mining Incident	...	...	...	...	...	...	...	2	...	...
Missing Fishermen	...	...	...	...	...	...	...	...	...	...
Mountain Climbing	...	...	3	...	...	1	...	...	...	...
Others	...	...	...	...	...	548	...	...	...	...
Poisoning [A]	1		28	4	147	44	154	2960	224	234
Sinkhole	...	...	...	...	...	...	...	...	...	...
Pest infestation	…	…	…	…	…	…	…	…	…	...
Burning Soil	…	…	…	…	…	…	…	…	…	...
Water Tank Explosion	…	…	…	…	…	…	…	…	…	38

Note:

… No Data

[A] Comprised of Fuel/Chemical Leak/Gas Poisoning/Food Poisoning

[1] Human Induced Disaster Classification by National Disaster Risk Reduction and Management Council Technological Disasters has no core statistics based on Framework for the Development of Environment Statistics by United Nations Statistics Division

Source: National Disaster Risk Reduction and Management Council

Statistical Tables

Human Settlements and Environmental Health

Table 5.1.1
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL 2008

Region		Total Household	Households with access to safe water supply	
			No.	%
Philippines		**17,450,575**	**14,359,139**	**82.28**
NCR	National Capital Region	2,119,301	1,940,013	91.54
CAR	Cordillera Administrative Region	296,681	278,418	93.84
I	Ilocos Region	813,303	674,937	82.99
II	Cagayan Valley	611,660	529,454	86.56
III	Central Luzon	1,795,587	1,501,216	83.61
IV-A	CALABARZON	2,175,458	1,952,939	89.77
IV-B	MIMAROPA	485,819	391,225	80.53
V	Bicol Region	936,731	762,910	81.44
VI	Western Visayas	1,235,862	1,203,945	97.42
VII	Central Visayas	2,326,542	1,136,698	48.86
VIII	Eastern Visayas	794,231	627,536	79.01
IX	Zamboanga Peninsula	555,218	478,026	86.10
X	Northern Mindanao	769,254	756,312	98.32
XI	Davao Region	857,565	781,981	91.19
XII	SOCCSKSARGEN	758,780	660,057	86.99
CARAGA	Caraga	408,561	367,126	89.86
ARMM	Autonomous Region in Muslim Mindanao	510,022	316,346	62.03

Source: Field Health Services Information System

Table 5.1.1
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL
2009

Region		Total Household	Households with access to improved safe water supply					
			Level 1		Level 2		Level 3	
			No.	%	No.	%	No.	%
		c1	*c2*	*c2/c1*	*c3*	*c3/c1*	*c4*	*c4/c1*
Philippines		**17,483,333**	**4,501,627**	**25.75**	**2,206,891**	**12.62**	**7,157,140**	**40.94**
NCR	National Capital Region	2,280,660	21,835	0.96	132,617	5.81	1,852,072	81.21
CAR	Cordillera Administrative Region	299,656	59,197	19.75	59,379	19.82	104,775	34.97
I	Ilocos Region	824,987	500,529	60.67	55,749	6.76	207,842	25.19
II	Cagayan Valley	659,012	404,823	61.43	49,043	7.44	104,591	15.87
III	Central Luzon	2,334,165	699,986	29.99	96,147	4.12	780,429	33.44
IV-A	CALABARZON	2,143,141	606,388	28.29	203,225	9.48	1,147,922	53.56
IV-B	MIMAROPA	497,920	250,341	50.28	79,196	15.91	115,609	23.22
V	Bicol Region	962,049	312,719	32.51	187,228	19.46	320,977	33.36
VI	Western Visayas	1,407,334	8,979	0.64	14,335	1.02	390,857	27.77
VII	Central Visayas	1,258,621	315,726	25.09	253,290	20.12	585,372	46.51
VIII	Eastern Visayas	766,909	192,867	25.15	205,047	26.74	201,369	26.26
IX	Zamboanga Peninsula	614,490	105,579	17.18	156,022	25.39	175,872	28.62
X	Northern Mindanao	765,504	148,305	19.37	199,518	26.06	353,350	46.16
XI	Davao Region	881,500	224,316	25.45	171,442	19.45	408,932	46.39
XII	SOCCSKSARGEN	803,255	323,575	40.28	158,549	19.74	231,267	28.79
CARAGA	Caraga	405,196	110,637	27.30	126,104	31.12	135,666	33.48
ARMM	Autonomous Region in Muslim Mindanao	578,934	215,825	37.28	60,000	10.36	40,238	6.95

Source: Field Health Services Information System

Table 5.1.2
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL
2010

Region		Total Household	Households with access to improved safe water supply					
			Level 1		Level 2		Level 3	
			No.	%	No.	%	No.	%
		c1	*c2*	*c2/c1*	*c3*	*c3/c1*	*c4*	*c4/c1*
Philippines		**12,626,538**	**3,481,702**	**27.57**	**1,879,297**	**14.88**	**5,014,869**	**39.72**
NCR	National Capital Region	…	…	…	…	…	…	…
CAR	Cordillera Administrative Region	302,470	66,948	22.13	73,777	24.39	125,140	41.37
I	Ilocos Region	940,193	579,056	61.59	43,970	4.68	245,911	26.16
II	Cagayan Valley	670,877	405,636	60.46	42,341	6.31	140,355	20.92
III	Central Luzon	1,883,294	124,227	6.60	109,060	5.79	929,838	49.37
IV-A	CALABARZON	2,251,903	488,432	21.69	182,372	8.10	1,219,281	54.14
IV-B	MIMAROPA	…	…	…	…	…	…	…
V	Bicol Region	1,025,535	335,902	32.75	218,662	21.32	343,287	33.47
VI	Western Visayas	…	…	…	…	…	…	…
VII	Central Visayas	1,529,948	386,459	25.26	293,667	19.19	690,755	45.15
VIII	Eastern Visayas	766,894	229,259	29.89	218,262	28.46	233,735	30.48
IX	Zamboanga Peninsula	643,817	135,976	21.12	168,986	26.25	237,384	36.87
X	Northern Mindanao	802,123	146,475	18.26	205,673	25.64	400,621	49.95
XI	Davao Region	…	…	…	…	…	…	…
XII	SOCCSKSARGEN	823,859	324,029	39.33	152,101	18.46	267,395	32.46
CARAGA	Caraga	414,762	97,659	23.55	121,932	29.40	128,039	30.87
ARMM	Autonomous Region in Muslim Mindanao	570,863	161,644	28.32	48,494	8.49	53,128	9.31

… no data

Source: Field Health Services Information System

Table 5.1.3
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL
2011

Region		Total Household	Households with access to improved safe water supply					
			Level 1		Level 2		Level 3	
			No.	%	No.	%	No.	%
		c1	*c2*	*c2/c1*	*c3*	*c3/c1*	*c4*	*c4/c1*
Philippines		**18,621,315**	**4,197,866**	**22.54**	**2,402,113**	**12.90**	**8,327,344**	**44.72**
NCR	National Capital Region	2,357,721	1,507	0.06	100,050	4.24	1,742,427	73.90
CAR	Cordillera Administrative Region	318,087	62,947	19.79	63,051	19.82	114,148	35.89
I	Ilocos Region	917,722	572,403	62.37	50,311	5.48	261,059	28.45
II	Cagayan Valley	693,155	403,296	58.18	53,506	7.72	151,584	21.87
III	Central Luzon	1,963,639	449,567	22.89	82,111	4.18	964,507	49.12
IV-A	CALABARZON	2,787,686	458,494	16.45	165,930	5.95	1,825,868	65.50
IV-B	MIMAROPA	560,628	213,927	38.16	67,392	12.02	98,085	17.50
V	Bicol Region	1,054,055	298,540	28.32	225,147	21.36	339,687	32.23
VI	Western Visayas	1,448,988	191,615	13.22	122,125	8.43	397,385	27.43
VII	Central Visayas	1,711,111	318,209	18.60	354,054	20.69	728,901	42.60
VIII	Eastern Visayas	841,158	180,236	21.43	222,541	26.46	197,688	23.50
IX	Zamboanga Peninsula	480,459	92,138	19.18	117,539	24.46	210,960	43.91
X	Northern Mindanao	787,201	142,109	18.05	216,178	27.46	383,490	48.72
XI	Davao Region	923,609	215,718	23.36	195,323	21.15	430,542	46.62
XII	SOCCSKSARGEN	835,770	320,889	38.39	156,456	18.72	281,928	33.73
CARAGA	Caraga	438,569	113,729	25.93	149,294	34.04	136,370	31.09
ARMM	Autonomous Region in Muslim Mindanao	501,757	162,542	32.39	61,105	12.18	62,715	12.50

Source: Field Health Services Information System

Table 5.1.4
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL
2012

Region		Total Household	Households with access to improved safe water supply		Level 1		Level 2		Level 3	
			No.	%	No.	%	No.	%	No.	%
		c1	*c2 = c3 + c4 + c5*	*c2/c1*	*c3*	*c3/c2*	*c4*	*c4/c2*	*c5*	*c5/c2*
Philippines		**18,540,736**	**14,981,350**	**80.80**	**4,103,974**	**27.39**	**2,227,320**	**14.87**	**8,650,056**	**57.74**
NCR	National Capital Region	2,391,500	2,293,943	95.92	12,444	0.54	83,020	3.62	2,198,479	95.84
CAR	Cordillera Administrative Region	326,428	122,566	37.55	5,882	4.80	18,540	15.13	98,144	80.07
I	Ilocos Region	1,033,857	995,987	96.34	649,969	65.26	61,789	6.20	284,229	28.54
II	Cagayan Valley	689,908	626,716	90.84	419,663	66.96	47,444	7.57	159,609	25.47
III	Central Luzon	2,052,420	1,192,977	58.13	104,887	8.79	53,565	4.49	1,034,525	86.72
IV-A	CALABARZON	2,349,717	2,091,097	88.99	490,552	23.46	152,313	7.28	1,448,232	69.26
IV-B	MIMAROPA	579,855	444,004	76.57	245,167	55.22	102,300	23.04	96,537	21.74
V	Bicol Region	1,017,445	831,505	81.72	281,037	33.80	225,875	27.16	324,593	39.04
VI	Western Visayas	1,500,996	672,148	44.78	162,229	24.14	71,802	10.68	438,117	65.18
VII	Central Visayas	1,391,795	1,293,662	92.95	297,542	23.00	242,902	18.78	753,218	58.22
VIII	Eastern Visayas	805,808	645,216	80.07	209,027	32.40	230,227	35.68	205,962	31.92
IX	Zamboanga Peninsula	668,344	558,366	83.54	144,332	25.85	170,460	30.53	243,574	43.62
X	Northern Mindanao	853,160	782,411	91.71	159,513	20.39	218,506	27.93	404,392	51.69
XI	Davao Region	950,441	849,799	89.41	206,066	24.25	198,890	23.40	444,843	52.35
XII	SOCCSKSARGEN	840,207	764,762	91.02	322,048	42.11	159,993	20.92	282,721	36.97
CARAGA	Caraga	450,505	389,651	86.49	104,741	26.88	140,528	36.07	144,382	37.05
ARMM	Autonomous Region in Muslim Mindanao	638,350	426,540	66.82	288,875	67.73	49,166	11.53	88,499	20.75

Source: Field Health Services Information System

Table 5.1.5
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL
2013

Region		Total Household	Households with access to improved safe water supply		Level 1		Level 2		Level 3	
			No.	%	No.	%	No.	%	No.	%
		c1	*c2 = c3 + c4 + c5*	*c2/c1*	*c3*	*c3/c2*	*c4*	*c4/c2*	*c5*	*c5/c2*
Philippines		**18,453,420**	**15,685,917**	**85.00**	**4,470,259**	**28.50**	**2,353,478**	**15.00**	**8,862,180**	**56.50**
NCR	National Capital Region	2,506,508	2,316,943	92.44	10,474	0.45	71,516	3.09	2,234,953	96.46
CAR	Cordillera Administrative Region	326,428	257,050	78.75	50,969	19.83	55,478	21.58	150,603	58.59
I	Ilocos Region	1,013,066	978,017	96.54	630,098	64.43	66,051	6.75	281,868	28.82
II	Cagayan Valley	687,956	613,920	89.24	417,446	68.00	63,448	10.33	133,026	21.67
III	Central Luzon	1,981,997	1,752,390	88.42	641,608	36.61	65,285	3.73	1,045,497	59.66
IV-A	CALABARZON	2,340,595	2,124,671	90.77	425,973	20.05	153,657	7.23	1,545,041	72.72
IV-B	MIMAROPA	577,034	475,784	82.45	240,977	50.65	103,499	21.75	131,308	27.60
V	Bicol Region	1,055,629	853,197	80.82	267,515	31.35	237,199	27.80	348,483	40.84
VI	Western Visayas	1,537,416	817,258	53.16	220,174	26.94	145,277	17.78	451,807	55.28
VII	Central Visayas	1,399,463	1,190,484	85.07	274,811	23.08	250,265	21.02	665,408	55.89
VIII	Eastern Visayas	805,808	645,216	80.07	209,027	32.40	230,227	35.68	205,962	31.92
IX	Zamboanga Peninsula	377,988	381,968	101.05	121,563	31.83	132,259	34.63	128,146	33.55
X	Northern Mindanao	866,148	826,727	95.45	131,620	15.92	229,710	27.79	465,397	56.29
XI	Davao Region	926,169	822,091	88.76	178,957	21.77	196,615	23.92	446,519	54.32
XII	SOCCSKSARGEN	869,387	810,142	93.19	326,978	40.36	167,993	20.74	315,171	38.90
CARAGA	Caraga	510,572	476,222	93.27	87,057	18.28	123,486	25.93	265,679	55.79
ARMM	Autonomous Region in Muslim Mindanao	671,257	343,837	51.22	235,012	68.35	61,513	17.89	47,312	13.76

Source: Field Health Services Information System

Table 5.1.6
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL
2014

Region		Total Household	Households with access to improved safe water supply		Level 1		Level 2		Level 3	
			No.	%	No.	%	No.	%	No.	%
		c1	*c2 = c3 + c4 + c5*	*c2/c1*	*c3*	*c3/c2*	*c4*	*c4/c2*	*c5*	*c5/c2*
Philippines		**18,248,978**	**15,864,436**	**86.93**	**4,707,403**	**29.67**	**2,333,561**	**14.71**	**8,823,472**	**55.62**
NCR	National Capital Region	2,127,541	2,107,977	99.08	2,911	0.14	38,940	1.85	2,066,126	98.01
CAR	Cordillera Administrative Region	339,123	264,569	78.02	55,645	21.03	67,940	25.68	140,984	53.29
I	Ilocos Region	983,530	932,112	94.77	587,473	63.03	57,892	6.21	286,747	30.76
II	Cagayan Valley	692,281	610,576	88.20	400,967	65.67	66,398	10.87	143,211	23.46
III	Central Luzon	2,124,306	1,774,267	83.52	574,889	32.40	59,071	3.33	1,140,307	64.27
IV-A	CALABARZON	2,241,314	2,130,323	95.05	471,941	22.15	163,721	7.69	1,494,661	70.16
IV-B	MIMAROPA	605,997	543,461	89.68	262,284	48.26	103,472	19.04	177,705	32.70
V	Bicol Region	1,113,247	1,065,266	95.69	423,849	39.79	269,384	25.29	372,033	34.92
VI	Western Visayas	1,580,643	912,368	57.72	300,410	32.93	132,172	14.49	479,786	52.59
VII	Central Visayas	1,260,717	1,146,665	90.95	258,686	22.56	236,159	20.60	651,820	56.84
VIII	Eastern Visayas	769,490	646,359	84.00	237,496	36.74	188,703	29.19	220,160	34.06
IX	Zamboanga Peninsula	614,266	499,031	81.24	123,030	24.65	147,249	29.51	228,752	45.84
X	Northern Mindanao	916,511	866,420	94.53	166,379	19.20	235,316	27.16	464,725	53.64
XI	Davao Region	959,067	881,054	91.87	224,229	25.45	210,944	23.94	445,881	50.61
XII	SOCCSKSARGEN	833,807	814,883	97.73	351,064	43.08	176,662	21.68	287,157	35.24
CARAGA	Caraga	477,286	436,295	91.41	106,890	24.50	141,239	32.37	188,166	43.13
ARMM	Autonomous Region in Muslim Mindanao	609,852	232,810	38.17	159,260	68.41	38,299	16.45	35,251	15.14

Source: Field Health Services Information System

Table 5.1.7
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL
2015

Region		Total Household	Households with access to improved safe water supply		Level 1		Level 2		Level 3	
			No.	%	No.	%	No.	%	No.	%
		c1	*c2 = c3 + c4 + c5*	*c2/c1*	*c3*	*c3/c2*	*c4*	*c4/c2*	*c5*	*c5/c2*
Philippines		**19,094,474**	**17,177,071**	**89.96**	**4,911,657**	**28.59**	**2,559,746**	**14.90**	**9,705,668**	**56.50**
NCR	National Capital Region	2,164,757	2,449,419	113.15	4,454	0.18	45,129	1.84	2,399,836	97.98
CAR	Cordillera Administrative Region	338,817	285,651	84.31	63,534	22.24	70,548	24.70	151,569	53.06
I	Ilocos Region	994,419	959,507	96.49	593,284	61.83	56,509	5.89	309,714	32.28
II	Cagayan Valley	659,721	611,753	92.73	395,834	64.70	59,131	9.67	156,788	25.63
III	Central Luzon	2,134,066	1,910,919	89.54	637,579	33.37	62,645	3.28	1,210,695	63.36
IV-A	CALABARZON	2,468,300	2,405,916	97.47	520,808	21.65	153,879	6.40	1,731,229	71.96
IV-B	MIMAROPA	563,793	534,725	94.84	280,314	52.42	100,085	18.72	154,326	28.86
V	Bicol Region	1,147,998	936,012	81.53	301,749	32.24	265,061	28.32	369,202	39.44
VI	Western Visayas	1,604,323	1,208,183	75.31	489,187	40.49	205,214	16.99	513,782	42.53
VII	Central Visayas	1,459,031	1,116,485	76.52	200,849	17.99	224,938	20.15	690,698	61.86
VIII	Eastern Visayas	831,962	748,954	90.02	218,903	29.23	271,181	36.21	258,870	34.56
IX	Zamboanga Peninsula	691,557	540,434	78.15	131,995	24.42	156,606	28.98	251,833	46.60
X	Northern Mindanao	990,380	935,455	94.45	172,145	18.40	263,791	28.20	499,519	53.40
XI	Davao Region	972,740	920,221	94.60	257,290	27.96	202,906	22.05	460,025	49.99
XII	SOCCSKSARGEN	945,190	862,247	91.22	352,902	40.93	210,812	24.45	298,533	34.62
CARAGA	Caraga	506,832	456,321	90.03	122,987	26.95	145,280	31.84	188,054	41.21
ARMM	Autonomous Region in Muslim Mindanao	620,588	294,869	47.51	167,843	56.92	66,031	22.39	60,995	20.69

Source: Field Health Services Information System

Table 5.1.8
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL
2016

Region		Total Household	Households with access to improved safe water supply		Level 1		Level 2		Level 3	
			No.	%	No.	%	No.	%	No.	%
		c1	*c2 = c3 + c4 + c5*	*c2/c1*	*c3*	*c3/c2*	*c4*	*c4/c2*	*c5*	*c5/c2*
Philippines		**20,186,321**	**18,381,267**	**91.06**	**5,287,259**	**28.76**	**2,752,803**	**14.98**	**10,341,205**	**56.26**
NCR	National Capital Region	2,641,044	2,466,765	93.40	4,753	0.19	23,744	0.96	2,438,268	98.84
CAR	Cordillera Administrative Region	345,257	222,507	64.45	43,006	19.33	40,032	17.99	139,469	62.68
I	Ilocos Region	1,008,734	968,547	96.02	606,347	62.60	51,318	5.30	310,882	32.10
II	Cagayan Valley	745,622	629,739	84.46	404,324	64.21	74,802	11.88	150,613	23.92
III	Central Luzon	2,090,389	1,988,593	95.13	697,924	35.10	60,721	3.05	1,229,948	61.85
IV-A	CALABARZON	2,704,870	2,832,709	104.73	544,544	19.22	276,388	9.76	2,011,777	71.02
IV-B	MIMAROPA	595,893	544,209	91.33	292,695	53.78	109,851	20.19	141,663	26.03
V	Bicol Region	1,167,612	975,584	83.55	293,874	30.12	284,256	29.14	397,454	40.74
VI	Western Visayas	1,644,427	1,418,134	86.24	636,175	44.86	239,597	16.90	542,362	38.24
VII	Central Visayas	1,545,751	1,389,941	89.92	248,976	17.91	295,121	21.23	845,844	60.85
VIII	Eastern Visayas	912,115	804,167	88.17	208,317	25.90	279,099	34.71	316,751	39.39
IX	Zamboanga Peninsula	635,212	468,689	73.78	115,411	24.62	123,917	26.44	229,361	48.94
X	Northern Mindanao	982,550	915,450	93.17	158,844	17.35	241,281	26.36	515,325	56.29
XI	Davao Region	1,035,819	966,690	93.33	271,039	28.04	209,140	21.63	486,511	50.33
XII	SOCCSKSARGEN	1,002,636	904,571	90.22	360,727	39.88	216,299	23.91	327,545	36.21
CARAGA	Caraga	507,802	472,067	92.96	124,837	26.44	144,488	30.61	202,742	42.95
ARMM	Autonomous Region in Muslim Mindanao	620,588	412,905	66.53	275,466	66.71	82,749	20.04	54,690	13.25

Source: Field Health Services Information System

Table 5.1.9
NUMBER OF HOUSEHOLDS WITH ACCESS TO IMPROVED WATER SUPPLY BY REGION, BY LEVEL
2017

Region		Total Household	Households with access to improved safe water supply		Level 1		Level 2		Level 3	
			No.	%	No.	%	No.	%	No.	%
		c1	*c2 = c3 + c4 + c5*	*c2/c1*	*c3*	*c3/c2*	*c4*	*c4/c2*	*c5*	*c5/c2*
Philippines		**20,473,827**	**18,519,268**	**90.45**	**5,053,136**	**27.29**	**2,792,339**	**15.08**	**10,673,793**	**57.64**
NCR	National Capital Region	2,353,261	2,320,256	98.60	2,109	0.09	12,829	0.55	2,305,318	99.36
CAR	Cordillera Administrative Region	361,859	265,260	73.30	58,599	22.09	52,412	19.76	154,249	58.15
I	Ilocos Region	996,206	964,686	96.84	585,484	60.69	56,617	5.87	322,585	33.44
II	Cagayan Valley	771,777	665,558	86.24	419,807	63.08	62,556	9.40	183,195	27.53
III	Central Luzon	2,318,623	2,121,319	91.49	555,152	26.17	81,118	3.82	1,485,049	70.01
IV-A	CALABARZON	2,709,335	2,600,070	95.97	401,400	15.44	179,462	6.90	2,019,208	77.66
IV-B	MIMAROPA	672,352	597,596	88.88	306,601	51.31	119,285	19.96	171,710	28.73
V	Bicol Region	1,237,881	1,064,112	85.96	343,679	32.30	283,554	26.65	436,879	41.06
VI	Western Visayas	1,691,250	1,519,686	89.86	690,635	45.45	258,901	17.04	570,150	37.52
VII	Central Visayas	1,630,098	1,484,011	91.04	262,394	17.68	324,181	21.84	897,436	60.47
VIII	Eastern Visayas	932,175	792,630	85.03	201,444	25.41	300,855	37.96	290,331	36.63
IX	Zamboanga Peninsula	651,954	596,082	91.43	128,101	21.49	193,999	32.55	273,982	45.96
X	Northern Mindanao	978,188	912,224	93.26	148,959	16.33	243,698	26.71	519,567	56.96
XI	Davao Region	1,057,548	977,823	92.46	268,469	27.46	216,757	22.17	492,597	50.38
XII	SOCCSKSARGEN	932,989	814,104	87.26	357,549	43.92	172,606	21.20	283,949	34.88
CARAGA	Caraga	528,856	481,488	91.04	104,879	21.78	157,730	32.76	218,879	45.46
ARMM	Autonomous Region in Muslim Mindanao	649,475	342,363	52.71	217,875	63.64	75,779	22.13	48,709	14.23

Source: Field Health Services Information System

Table 5.2.1.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION
2008

Region		Total Household (HH)	HHs with Sanitary Toilet	
			No.	%
Philippines		**17,450,575**	**13,403,048**	**76.81**
NCR	National Capital Region	2,119,301	1,908,103	90.03
CAR	Cordillera Administrative Region	296,681	228,607	77.05
I	Ilocos Region	813,303	708,131	87.07
II	Cagayan Valley	611,660	550,138	89.94
III	Central Luzon	1,795,587	1,461,772	81.41
IV-A	CALABARZON	2,175,458	1,947,727	89.53
IV-B	MIMAROPA	485,819	361,094	74.33
V	Bicol Region	936,731	644,485	68.80
VI	Western Visayas	1,235,862	1,109,635	89.79
VII	Central Visayas	2,326,542	1,060,269	45.57
VIII	Eastern Visayas	794,231	564,094	71.02
IX	Zamboanga Peninsula	555,218	472,856	85.17
X	Northern Mindanao	769,254	650,508	84.56
XI	Davao Region	857,565	671,172	78.26
XII	SOCCSKSARGEN	758,780	562,768	74.17
CARAGA	Caraga	408,561	331,807	81.21
ARMM	Autonomous Region in Muslim Mindanao	510,022	169,882	33.31

Source: Field Health Services Information System

Table 5.2.2.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION, BY TYPE
2009

Region		Total Household (HH)	HHs with Sanitary Toilet		HH's w/ satisfactory disposal of solid waste		HH's w/ complete basic sanitation facilities	
			No.	%	No.	%	No.	%
Philippines		**17,483,333**	**12,610,832**	**72.13**	**10,722,732**	**61.33**	**10,135,477**	**57.97**
NCR	National Capital Region	2,280,660	1,956,310	85.78	1,778,796	77.99	1,838,860	80.63
CAR	Cordillera Administrative Region	299,656	225,958	75.41	173,173	57.79	141,762	47.31
I	Ilocos Region	824,987	731,792	88.70	555,729	67.36	564,253	68.40
II	Cagayan Valley	659,012	566,721	86.00	535,709	81.29	492,296	74.70
III	Central Luzon	2,334,165	751,204	32.18	1,188,975	50.94	1,202,086	51.50
IV-A	CALABARZON	2,143,141	1,895,782	88.46	1,681,784	78.47	1,763,914	82.31
IV-B	MIMAROPA	497,920	373,971	75.11	328,217	65.92	308,399	61.94
V	Bicol Region	962,049	658,266	68.42	390,470	40.59	374,116	38.89
VI	Western Visayas	1,407,334	1,099,737	78.14	1,021,469	72.58	864,899	61.46
VII	Central Visayas	1,258,621	918,729	72.99	786,128	62.46	755,317	60.01
VIII	Eastern Visayas	766,909	519,241	67.71	451,735	58.90	470,807	61.39
IX	Zamboanga Peninsula	614,490	491,260	79.95	320,106	52.09	164,611	26.79
X	Northern Mindanao	765,504	591,078	77.21	498,503	65.12	485,989	63.49
XI	Davao Region	881,500	710,134	80.56	88,736	10.07	42,765	4.85
XII	SOCCSKSARGEN	803,255	623,860	77.67	457,734	56.98	373,302	46.47
CARAGA	Caraga	405,196	348,043	85.89	221,547	54.68	185,004	45.66
ARMM	Autonomous Region in Muslim Mindanao	578,934	148,746	25.69	243,921	42.13	107,097	18.50

Source: Field Health Services Information System

Table 5.2.3.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION, BY TYPE
2010

Region		Total Household (HH)	HHs with Sanitary Toilet		HH's w/ satisfactory disposal of solid waste		HH's w/ complete basic sanitation facilities	
			No.	%	No.	%	No.	%
Philippines		**12,626,538**	**9,748,740**	**77.21**	**8,323,987**	**65.92**	**7,798,632**	**61.76**
NCR	National Capital Region	…	…	…	…	…	…	…
CAR	Cordillera Administrative Region	302,470	237,040	78.37	193,974	64.13	146,763	48.52
I	Ilocos Region	940,193	831,185	88.41	976,170	103.83	692,635	73.67
II	Cagayan Valley	670,877	577,855	86.13	540,278	80.53	498,065	74.24
III	Central Luzon	1,883,294	1,500,364	79.67	1,291,719	68.59	1,285,625	68.26
IV-A	CALABARZON	2,251,903	1,882,879	83.61	1,705,712	75.75	1,778,288	78.97
IV-B	MIMAROPA	…	…	…	…	…	…	…
V	Bicol Region	1,025,535	670,737	65.40	612,315	59.71	508,118	49.55
VI	Western Visayas	…	…	…	…	…	…	…
VII	Central Visayas	1,529,948	1,174,486	76.77	948,238	61.98	911,441	59.57
VIII	Eastern Visayas	766,894	571,192	74.48	435,447	56.78	443,168	57.79
IX	Zamboanga Peninsula	643,817	507,457	78.82	230,464	35.80	253,373	39.35
X	Northern Mindanao	802,123	624,669	77.88	526,896	65.69	512,088	63.84
XI	Davao Region	…	…	…	…	…	…	…
XII	SOCCSKSARGEN	823,859	664,914	80.71	488,040	59.24	415,826	50.47
CARAGA	Caraga	414,762	352,629	85.02	228,923	55.19	217,762	52.50
ARMM	Autonomous Region in Muslim Mindanao	570,863	153,333	26.86	145,811	25.54	135,480	23.73

Source: Field Health Services Information System

Table 5.2.4.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION, BY TYPE
2011

Region		Total Household (HH)	HHs with Sanitary Toilet		HH's w/ satisfactory disposal of solid waste		HH's w/ complete basic sanitation facilities	
			No.	%	No.	%	No.	%
Philippines		**18,621,315**	**14,346,325**	**77.04**	**11,799,242**	**63.36**	**11,019,423**	**59.18**
NCR	National Capital Region	2,357,721	1,792,160	76.01	1,588,960	67.39	1,572,697	66.70
CAR	Cordillera Administrative Region	318,087	247,717	77.88	210,666	66.23	166,601	52.38
I	Ilocos Region	917,722	846,059	92.19	763,178	83.16	753,197	82.07
II	Cagayan Valley	693,155	598,063	86.28	555,572	80.15	513,529	74.09
III	Central Luzon	1,963,639	1,505,921	76.69	1,303,948	66.40	1,299,125	66.16
IV-A	CALABARZON	2,787,686	2,511,312	90.09	2,078,300	74.55	2,041,531	73.23
IV-B	MIMAROPA	560,628	407,322	72.65	363,145	64.77	353,315	63.02
V	Bicol Region	1,054,055	714,729	67.81	422,638	40.10	370,952	35.19
VI	Western Visayas	1,448,988	1,153,295	79.59	1,065,182	73.51	681,731	47.05
VII	Central Visayas	1,711,111	1,123,063	65.63	939,180	54.89	919,413	53.73
VIII	Eastern Visayas	841,158	546,396	64.96	414,040	49.22	442,534	52.61
IX	Zamboanga Peninsula	480,459	344,756	71.76	229,576	47.78	171,888	35.78
X	Northern Mindanao	787,201	625,259	79.43	501,693	63.73	494,682	62.84
XI	Davao Region	923,609	752,245	81.45	397,323	43.02	377,269	40.85
XII	SOCCSKSARGEN	835,770	672,577	80.47	572,267	68.47	510,165	61.04
CARAGA	Caraga	438,569	370,385	84.45	264,997	60.42	254,410	58.01
ARMM	Autonomous Region in Muslim Mindanao	501,757	135,066	26.92	128,577	25.63	96,384	19.21

Source: Field Health Services Information System

Table 5.2.5.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION, BY TYPE
2012

Region		Total Household (HH)	HHs with Sanitary Toilet		HH's w/ satisfactory disposal of solid waste		HH's w/ complete basic sanitation facilities	
			No.	%	No.	%	No.	%
Philippines		**18,540,736**	**14,816,535**	**79.91**	**11,936,035**	**64.38**	**11,151,888**	**60.15**
NCR	National Capital Region	2,391,500	2,151,366	89.96	1,889,558	79.01	1,854,125	77.53
CAR	Cordillera Administrative Region	326,428	265,071	81.20	224,634	68.82	129,441	39.65
I	Ilocos Region	1,033,857	939,857	90.91	433,904	41.97	422,640	40.88
II	Cagayan Valley	689,908	605,685	87.79	564,529	81.83	533,525	77.33
III	Central Luzon	2,052,420	1,676,440	81.68	1,414,203	68.90	1,335,771	65.08
IV-A	CALABARZON	2,349,717	1,949,447	82.97	1,784,262	75.94	1,987,044	84.57
IV-B	MIMAROPA	579,855	435,444	75.10	364,660	62.89	327,638	56.50
V	Bicol Region	1,017,445	694,721	68.28	558,930	54.93	438,257	43.07
VI	Western Visayas	1,500,996	1,206,651	80.39	1,055,170	70.30	569,234	37.92
VII	Central Visayas	1,391,795	1,125,329	80.85	928,577	66.72	932,419	66.99
VIII	Eastern Visayas	805,808	570,024	70.74	422,984	52.49	461,556	57.28
IX	Zamboanga Peninsula	668,344	473,993	70.92	270,995	40.55	280,497	41.97
X	Northern Mindanao	853,160	651,488	76.36	519,451	60.89	515,219	60.39
XI	Davao Region	950,441	786,594	82.76	411,370	43.28	379,979	39.98
XII	SOCCSKSARGEN	840,207	686,749	81.74	611,931	72.83	574,820	68.41
CARAGA	Caraga	450,505	366,736	81.41	265,547	58.94	249,545	55.39
ARMM	Autonomous Region in Muslim Mindanao	638,350	230,940	36.18	215,330	33.73	160,178	25.09

Source: Field Health Services Information System

Table 5.2.6.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION, BY TYPE
2013

Region		Total Household (HH)	HHs with Sanitary Toilet		HH's w/ satisfactory disposal of solid waste		HH's w/ complete basic sanitation facilities	
			No.	%	No.	%	No.	%
Philippines		**18,453,420**	**14,758,975**	**79.98**	**13,009,904**	**70.50**	**11,952,609**	**64.77**
NCR	National Capital Region	2,506,508	2,187,908	87.29	2,309,720	92.15	2,256,937	90.04
CAR	Cordillera Administrative Region	326,428	268,082	82.13	301,521	92.37	177,963	54.52
I	Ilocos Region	1,013,066	935,452	92.34	849,781	83.88	838,197	82.74
II	Cagayan Valley	687,956	586,157	85.20	544,205	79.10	494,861	71.93
III	Central Luzon	1,981,997	1,687,021	85.12	1,475,450	74.44	1,453,423	73.33
IV-A	CALABARZON	2,340,595	2,066,814	88.30	1,880,124	80.33	1,811,243	77.38
IV-B	MIMAROPA	577,034	425,051	73.66	388,200	67.28	351,063	60.84
V	Bicol Region	1,055,629	724,568	68.64	577,777	54.73	471,975	44.71
VI	Western Visayas	1,537,416	1,228,774	79.92	1,073,772	69.84	686,718	44.67
VII	Central Visayas	1,399,463	945,890	67.59	942,123	67.32	878,033	62.74
VIII	Eastern Visayas	805,808	570,024	70.74	422,984	52.49	461,556	57.28
IX	Zamboanga Peninsula	377,988	341,117	90.25	202,351	53.53	156,277	41.34
X	Northern Mindanao	866,148	698,804	80.68	556,748	64.28	548,500	63.33
XI	Davao Region	926,169	778,585	84.07	460,517	49.72	418,993	45.24
XII	SOCCSKSARGEN	869,387	720,374	82.86	485,153	55.80	511,060	58.78
CARAGA	Caraga	510,572	357,059	69.93	297,189	58.21	237,824	46.58
ARMM	Autonomous Region in Muslim Mindanao	671,257	237,295	35.35	242,289	36.09	197,986	29.49

Source: Field Health Services Information System

Table 5.2.7.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION, BY TYPE
2014

Region		Total Household (HH)	HHs with Sanitary Toilet		HH's w/ satisfactory disposal of solid waste		HH's w/ complete basic sanitation facilities	
			No.	%	No.	%	No.	%
Philippines		**18,248,978**	**14,900,620**	**81.65**	**12,948,219**	**70.95**	**11,608,599**	**63.61**
NCR	National Capital Region	2,127,541	2,069,242	97.26	1,996,204	93.83	1,968,337	92.52
CAR	Cordillera Administrative Region	339,123	269,697	79.53	233,705	68.91	165,501	48.80
I	Ilocos Region	983,530	910,646	92.59	841,958	85.61	847,466	86.17
II	Cagayan Valley	692,281	605,662	87.49	536,847	77.55	536,296	77.47
III	Central Luzon	2,124,306	1,596,524	75.16	1,468,058	69.11	1,402,888	66.04
IV-A	CALABARZON	2,241,314	2,016,481	89.97	1,895,822	84.59	1,686,885	75.26
IV-B	MIMAROPA	605,997	484,841	80.01	472,854	78.03	412,021	67.99
V	Bicol Region	1,113,247	786,229	70.62	604,832	54.33	493,493	44.33
VI	Western Visayas	1,580,643	1,246,031	78.83	1,139,430	72.09	729,854	46.17
VII	Central Visayas	1,260,717	1,197,489	94.98	1,041,736	82.63	954,583	75.72
VIII	Eastern Visayas	769,490	535,111	69.54	375,417	48.79	434,573	56.48
IX	Zamboanga Peninsula	614,266	436,167	71.01	229,933	37.43	208,923	34.01
X	Northern Mindanao	916,511	741,915	80.95	575,969	62.84	514,880	56.18
XI	Davao Region	959,067	799,788	83.39	638,147	66.54	480,140	50.06
XII	SOCCSKSARGEN	833,807	712,346	85.43	516,793	61.98	502,425	60.26
CARAGA	Caraga	477,286	395,653	82.90	288,063	60.35	227,633	47.69
ARMM	Autonomous Region in Muslim Mindanao	609,852	96,798	15.87	92,451	15.16	42,701	7.00

Source: Field Health Services Information System

Table 5.2.8.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION, BY TYPE
2015

Region		Total Household (HH)	HHs with Sanitary Toilet		HH's w/ satisfactory disposal of solid waste		HH's w/ complete basic sanitation facilities	
			No.	%	No.	%	No.	%
Philippines		**19,094,474**	**16,073,218**	**84.18**	**14,085,985**	**73.77**	**13,013,214**	**68.15**
NCR	National Capital Region	2,164,757	2,388,244	110.32	2,421,272	111.85	2,390,995	110.45
CAR	Cordillera Administrative Region	338,817	284,438	83.95	235,339	69.46	179,255	52.91
I	Ilocos Region	994,419	926,481	93.17	849,359	85.41	847,480	85.22
II	Cagayan Valley	659,721	642,222	97.35	534,709	81.05	493,885	74.86
III	Central Luzon	2,134,066	1,945,833	91.18	1,827,604	85.64	1,663,113	77.93
IV-A	CALABARZON	2,468,300	2,304,485	93.36	2,183,981	88.48	2,017,154	81.72
IV-B	MIMAROPA	563,793	460,983	81.76	448,679	79.58	417,791	74.10
V	Bicol Region	1,147,998	783,061	68.21	615,186	53.59	516,100	44.96
VI	Western Visayas	1,604,323	1,278,722	79.70	1,157,234	72.13	875,275	54.56
VII	Central Visayas	1,459,031	964,944	66.14	711,358	48.76	620,765	42.55
VIII	Eastern Visayas	831,962	631,911	75.95	434,149	52.18	493,014	59.26
IX	Zamboanga Peninsula	691,557	479,781	69.38	273,921	39.61	263,827	38.15
X	Northern Mindanao	990,380	799,684	80.75	635,450	64.16	612,507	61.85
XI	Davao Region	972,740	835,576	85.90	692,842	71.23	632,944	65.07
XII	SOCCSKSARGEN	945,190	769,435	81.41	634,047	67.08	599,678	63.45
CARAGA	Caraga	506,832	422,016	83.27	317,128	62.57	285,251	56.28
ARMM	Autonomous Region in Muslim Mindanao	620,588	155,402	25.04	113,727	18.33	104,180	16.79

Source: Field Health Services Information System

Table 5.2.9.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION, BY TYPE
2016

Region		Total Household (HH)	HHs with Sanitary Toilet		HH's w/ satisfactory disposal of solid waste		HH's w/ complete basic sanitation facilities	
			No.	%	No.	%	No.	%
Philippines		**20,186,321**	**16,846,651**	**83.46**	**14,340,528**	**71.04**	**13,807,383**	**68.40**
NCR	National Capital Region	2,641,044	2,376,692	89.99	2,309,567	87.45	2,322,658	87.94
CAR	Cordillera Administrative Region	345,257	284,148	82.30	246,470	71.39	179,037	51.86
I	Ilocos Region	1,008,734	949,506	94.13	902,103	89.43	892,717	88.50
II	Cagayan Valley	745,622	661,914	88.77	541,622	72.64	475,877	63.82
III	Central Luzon	2,090,389	1,875,133	89.70	1,716,282	82.10	1,750,870	83.76
IV-A	CALABARZON	2,704,870	2,522,885	93.27	2,252,423	83.27	2,232,665	82.54
IV-B	MIMAROPA	595,893	469,472	78.78	441,370	74.07	401,460	67.37
V	Bicol Region	1,167,612	846,980	72.54	651,117	55.76	516,020	44.19
VI	Western Visayas	1,644,427	1,342,482	81.64	1,212,676	73.74	1,017,433	61.87
VII	Central Visayas	1,545,751	1,264,064	81.78	787,919	50.97	745,694	48.24
VIII	Eastern Visayas	912,115	701,767	76.94	550,190	60.32	543,358	59.57
IX	Zamboanga Peninsula	635,212	432,063	68.02	163,117	25.68	263,327	41.45
X	Northern Mindanao	982,550	811,620	82.60	596,332	60.69	597,969	60.86
XI	Davao Region	1,035,819	885,731	85.51	778,057	75.12	724,154	69.91
XII	SOCCSKSARGEN	1,002,636	803,101	80.10	681,168	67.94	659,256	65.75
CARAGA	Caraga	507,802	431,962	85.07	296,834	58.45	281,024	55.34
ARMM	Autonomous Region in Muslim Mindanao	620,588	187,131	30.15	213,281	34.37	203,864	32.85

Source: Field Health Services Information System

Table 5.2.10.
NUMBER OF HOUSEHOLDS WITH IMPROVED SANITATION FACILITY BY REGION, BY TYPE
2017

Region		Total Household (HH)	HHs with Sanitary Toilet		HH's w/ satisfactory disposal of solid waste		HH's w/ complete basic sanitation facilities	
			No.	%	No.	%	No.	%
Philippines		**20,473,827**	**17,420,182**	**85.09**	**14,640,687**	**71.51**	**14,087,650**	**68.81**
NCR	National Capital Region	2,353,261	2,234,084	94.94	2,286,819	97.18	2,265,241	96.26
CAR	Cordillera Administrative Region	361,859	310,344	85.76	266,335	73.60	199,513	55.14
I	Ilocos Region	996,206	934,952	93.85	902,024	90.55	881,951	88.53
II	Cagayan Valley	771,777	683,930	88.62	636,281	82.44	549,107	71.15
III	Central Luzon	2,318,623	2,142,015	92.38	1,971,377	85.02	1,946,087	83.93
IV-A	CALABARZON	2,709,335	2,500,998	92.31	2,188,913	80.79	2,174,120	80.25
IV-B	MIMAROPA	672,352	532,037	79.13	491,960	73.17	469,757	69.87
V	Bicol Region	1,237,881	948,157	76.60	677,678	54.75	624,944	50.48
VI	Western Visayas	1,691,250	1,418,901	83.90	1,264,935	74.79	1,124,263	66.48
VII	Central Visayas	1,630,098	1,304,604	80.03	700,421	42.97	633,531	38.86
VIII	Eastern Visayas	932,175	738,495	79.22	533,644	57.25	548,988	58.89
IX	Zamboanga Peninsula	651,954	544,280	83.48	342,077	52.47	329,728	50.58
X	Northern Mindanao	978,188	826,513	84.49	677,381	69.25	650,347	66.48
XI	Davao Region	1,057,548	904,450	85.52	812,056	76.79	756,037	71.49
XII	SOCCSKSARGEN	932,989	777,055	83.29	470,856	50.47	566,957	60.77
CARAGA	Caraga	528,856	444,209	83.99	303,595	57.41	262,804	49.69
ARMM	Autonomous Region in Muslim Mindanao	649,475	175,158	26.97	114,335	17.60	104,275	16.06

Source: Field Health Services Information System

Table 5.3.1.
NUMBER OF REGISTERED VEHICLES BY REGION, BY TYPE OF OWNERSHIP,BY TYPE OF FUEL
2008

Region		Private		For-hire	
		Gas	Diesel	Gas	Diesel
Philippines		**3,712,361**	**1,171,672**	**666,463**	**230,019**
NCR	National Capital Region	1,092,108	368,736	84,810	77,916
CAR	Cordillera Administrative Region	24,592	26,716	7,232	8,320
I	Ilocos Region	189,838	56,590	68,277	10,105
II	Cagayan Valley	95,341	47,667	56,010	6,505
III	Central Luzon	460,700	183,047	117,764	32,317
IV	CALABARZON & MIMAROPA	508,455	171,472	144,042	32,483
V	Bicol Region	122,252	25,577	26,636	8,393
VI	Western Visayas	181,019	65,058	43,768	15,872
VII	Central Visayas	349,121	73,012	35,898	11,298
VIII	Eastern Visayas	86,790	20,282	11,010	3,734
IX	Zamboanga Peninsula	137,921	16,421	13,826	3,568
X	Northern Mindanao	115,371	32,737	12,062	6,523
XI	Davao Region	165,375	39,817	16,956	6,144
XII	SOCCSKSARGEN	140,366	36,306	20,283	5,676
CARAGA	Caraga	43,112	8,234	7,889	1,165

… no data
Source: Land Transportation Office

Government		Diplomatic		Exempt		Total		Grand total
Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel	
40,032	**33,199**	**4,670**	**214**	**3,767**	**1,713**	**4,427,293**	**1,436,817**	**5,864,110**
15,105	9,883	4,484	118	3,333	1,434	1,199,840	458,087	1,657,927
320	887	…	…	…	…	32,144	35,923	68,067
1,065	1,499	…	…	2	…	259,182	68,194	327,376
874	1,632	…	…	…	…	152,225	55,804	208,029
3,108	2,970	…	…	424	275	581,996	218,609	800,605
2,573	2,838	185	92	5	…	655,260	206,885	862,145
975	995	…	…	…	…	149,863	34,965	184,828
1,799	2,045	…	…	…	1	226,586	82,976	309,562
3,614	2,285	1	…	…	…	388,634	86,595	475,229
874	1,123	…	…	…	…	98,674	25,139	123,813
1,826	1,157	…	…	1	2	153,574	21,148	174,722
1,925	1,615	…	3	2	1	129,360	40,879	170,239
2,910	1,851	…	…	…	…	185,241	47,812	233,053
2,327	1,647	…	…	…	…	162,976	43,629	206,605
737	772	…	1	…	…	51,738	10,172	61,910

Table 5.3.2.
NUMBER OF REGISTERED VEHICLES BY REGION, BY TYPE OF OWNERSHIP,BY TYPE OF FUEL
2009

Region		Private		For-hire	
		Gas	Diesel	Gas	Diesel
Philippines		**3,808,966**	**1,241,915**	**691,285**	**235,514**
NCR	National Capital Region	1,159,896	400,139	94,860	78,364
CAR	Cordillera Administrative Region	26,827	28,735	7,782	7,598
I	Ilocos Region	208,159	59,276	70,846	10,232
II	Cagayan Valley	106,362	48,342	56,710	6,513
III	Central Luzon	495,628	183,141	112,805	36,775
IV	CALABARZON & MIMAROPA	534,666	180,940	151,620	32,235
V	Bicol Region	129,662	27,370	28,284	8,625
VI	Western Visayas	194,337	71,515	46,493	17,370
VII	Central Visayas	370,629	74,413	36,042	11,534
VIII	Eastern Visayas	88,313	21,473	11,320	3,908
IX	Zamboanga Peninsula	135,104	19,418	14,800	3,534
X	Northern Mindanao	122,052	34,806	12,598	6,768
XI	Davao Region	42,765	43,118	18,431	6,458
XII	SOCCSKSARGEN	149,724	40,087	21,100	4,494
CARAGA	Caraga	44,842	9,142	7,594	1,106

… no data
Source: Land Transportation Office

Government		Diplomatic		Exempt		Total		Grand total
Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel	
34,625	**33,312**	**3,788**	**108**	**350**	**247**	**4,539,014**	**1,511,096**	**6,050,110**
8,662	8,204	3,584	…	10	…	1,267,012	486,707	1,753,719
273	911	…	…	…	…	34,882	37,244	72,126
1,135	1,551	…	…	1	…	280,141	71,059	351,200
947	1,766	…	…	…	…	164,019	56,621	220,640
3,917	3,037	…	…	331	242	612,681	223,195	835,876
2,468	3,002	201	106	3	…	688,958	216,283	905,241
1,069	1,047	…	…	…	…	159,015	37,042	196,057
1,793	2,202	1	…	…	1	242,624	91,088	333,712
3,899	2,548	…	…	…	…	410,570	88,495	499,065
909	1,209	…	…	…	…	100,542	26,590	127,132
1,597	1,378	…	…	3	3	151,504	24,333	175,837
1,775	1,637	1	2	2	1	136,428	43,214	179,642
2,784	2,258	…	…	…	…	63,980	51,834	115,814
2,521	1,794	1	…	…	…	173,346	46,375	219,721
876	768	…	…	…	…	53,312	11,016	64,328

Table 5.3.3.
NUMBER OF REGISTERED VEHICLES BY REGION, BY TYPE OF OWNERSHIP,BY TYPE OF FUEL
2010

Region		Private		For-hire	
		Gas	Diesel	Gas	Diesel
Philippines		**4,284,455**	**1,317,603**	**692,914**	**215,953**
NCR	National Capital Region	1,247,758	443,367	99,938	71,211
CAR	Cordillera Administrative Region	29,399	31,425	8,050	7,529
I	Ilocos Region	220,593	62,437	69,751	8250
II	Cagayan Valley	123,217	51,999	55,856	5573
III	Central Luzon	546,947	184,184	114,823	35793
IV	CALABARZON & MIMAROPA	560,919	179,524	149,388	29,209
V	Bicol Region	147,659	29,085	26,787	6,920
VI	Western Visayas	210,273	72,767	44,864	14,449
VII	Central Visayas	387,020	77,908	36,722	10,913
VIII	Eastern Visayas	99,639	22,250	11,076	3,163
IX	Zamboanga Peninsula	145,165	21,679	14,942	3,182
X	Northern Mindanao	133,455	39,804	12,005	6,159
XI	Davao Region	201,215	45,677	17,932	6,634
XII	SOCCSKSARGEN	173,320	44,434	22,138	5,891
CARAGA	Caraga	57,876	11,063	8,642	1,077

… no data

Source: Land Transportation Office

Government		Diplomatic		Exempt		Total		Grand total
Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel	
33,276	**25,582**	**3,479**	**111**	**352**	**274**	**5,014,476**	**1,559,523**	**6,573,999**
7,612	970	3,276	…	…	…	1,358,584	515,548	1,874,132
286	968	…	…	…	…	37,735	39,922	77,657
1,129	1,538	…	…	2	…	291,475	72,225	363,700
810	1,749	…	…	…	2	179,883	59,323	239,206
3,789	3,231	…	…	346	265	665,905	223,473	889,378
2,370	1,067	203	105	…	…	712,880	209,905	922,785
975	2,166	…	…	…	…	175,421	38,171	213,592
1,719	2,500	…	…	…	…	256,856	89,716	346,572
3,451	2,517	…	…	1	…	427,194	91,338	518,532
935	1,205	…	1	…	…	111,650	26,619	138,269
1,972	1,319	…	…	1	5	162,080	26,185	188,265
1,769	1,577	…	4	2	1	147,231	47,545	194,776
3,334	2,091	…	…	…	…	222,481	54,402	276,883
2,328	1,776	…	1	…	…	197,786	52,102	249,888
797	908	…	…	…	1	67,315	13,049	80,364

Table 5.3.4.
NUMBER OF REGISTERED VEHICLES BY REGION, BY TYPE OF OWNERSHIP,BY TYPE OF FUEL
2011

Region		Private		For-hire	
		Gas	Diesel	Gas	Diesel
Philippines		**4,692,399**	**1,374,651**	**717,139**	**250,836**
NCR	National Capital Region	1,333,281	460,647	99,401	86,526
CAR	Cordillera Administrative Region	32,071	34,782	8,400	7,640
I	Ilocos Region	233,796	63,837	73,438	9,618
II	Cagayan Valley	149,620	52,573	58,549	6,303
III	Central Luzon	607,671	183,371	123,861	40,400
IV	CALABARZON & MIMAROPA	621,773	179,715	154,550	34,941
V	Bicol Region	154,755	30,485	28,306	8,232
VI	Western Visayas	233,601	74,786	47,868	15,562
VII	Central Visayas	423,795	89,397	39,389	13,324
VIII	Eastern Visayas	107,309	23,037	11,988	3,783
IX	Zamboanga Peninsula	170,252	24,148	12,773	3,952
X	Northern Mindanao	147,612	49,389	11,642	6,740
XI	Davao Region	225,931	45,182	18,243	6,629
XII	SOCCSKSARGEN	177,203	49,493	19,451	5,835
CARAGA	Caraga	73,729	13,809	9,280	1,351

… no data
Source: Land Transportation Office

Government		Diplomatic		Exempt		Total		Grand total
Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel	
33,245	**33,905**	**3,426**	**171**	**352**	**287**	**5,446,561**	**1,659,850**	**7,106,411**
7,236	7,465	3,231	52	…	…	1,443,149	554,690	1,997,839
287	1,095	…	…	…	…	40,758	43,517	84,275
1,187	1,670	…	…	1	…	308,422	75,125	383,547
834	1,887	…	…	…	1	209,003	60,764	269,767
3,869	3,475	…	…	342	277	735,743	227,523	963,266
2,685	3,089	193	117	…	…	779,201	217,862	997,063
930	1,023	…	…	…	…	183,991	39,740	223,731
1,648	2,198	…	…	…	…	283,117	92,546	375,663
3,800	2,832	…	…	…	…	466,984	105,553	572,537
975	1,314	…	…	…	…	120,272	28,134	148,406
1,842	1,280	…	…	7	5	184,874	29,385	214,259
1,928	1,607	2	1	2	4	161,186	57,741	218,927
2,933	2,043	…	…	…	…	247,107	53,854	300,961
2,220	1,952	…	1	…	…	198,874	57,281	256,155
871	975	…	…	…	…	83,880	16,135	100,015

Table 5.3.5.
NUMBER OF REGISTERED VEHICLES BY REGION, BY TYPE OF OWNERSHIP,BY TYPE OF FUEL
2012

Region		Private		For-hire	
		Gas	Diesel	Gas	Diesel
Philippines		**4,938,427**	**1,446,538**	**719,533**	**246,847**
NCR	National Capital Region	1,344,597	464,973	99,252	86,991
CAR	Cordillera Administrative Region	35,565	39,085	9,642	6,948
I	Ilocos Region	235,774	65,747	73,312	9,375
II	Cagayan Valley	163,695	56,642	62,128	6,355
III	Central Luzon	629,426	189,270	116,024	36,574
IV	CALABARZON & MIMAROPA	681,753	199,552	155,548	35,882
V	Bicol Region	172,892	30,778	30,801	8,199
VI	Western Visayas	253,032	78,399	47,355	14,686
VII	Central Visayas	462,694	95,135	41,012	13,932
VIII	Eastern Visayas	114,891	24,520	12,507	3,796
IX	Zamboanga Peninsula	175,711	29,570	12,503	3,692
X	Northern Mindanao	154,635	48,270	12,099	7,068
XI	Davao Region	239,593	47,606	18,916	7,105
XII	SOCCSKSARGEN	191,312	58,693	19,083	4,895
CARAGA	Caraga	82,857	18,298	9,351	1,349

… no data

Source: Land Transportation Office

Government		Diplomatic		Exempt		Total		Grand total
Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel	
33,276	**25,582**	**3,479**	**111**	**352**	**274**	**5,695,067**	**1,719,352**	**7,414,419**
7,612	970	3,276	…	…	…	1,454,737	552,934	2,007,671
286	968	…	…	…	…	45,493	47,001	92,494
1,129	1,538	…	…	2	…	310,217	76,660	386,877
810	1,749	…	…	…	2	226,633	64,748	291,381
3,789	3,231	…	…	346	265	749,585	229,340	978,925
2,370	1,067	203	105	…	…	839,874	236,606	1,076,480
975	2,166	…	…	…	…	204,668	41,143	245,811
1,719	2,500	…	…	…	…	302,106	95,585	397,691
3,451	2,517	…	…	1	…	507,158	111,584	618,742
935	1,205	…	1	…	…	128,333	29,522	157,855
1,972	1,319	…	…	1	5	190,187	34,586	224,773
1,769	1,577	…	4	2	1	168,505	56,920	225,425
3,334	2,091	…	…	…	…	261,843	56,802	318,645
2,328	1,776	…	1	…	…	212,723	65,365	278,088
797	908	…	…	…	1	93,005	20,556	113,561

Table 5.3.6.
NUMBER OF REGISTERED VEHICLES BY REGION, BY TYPE OF OWNERSHIP,BY TYPE OF FUEL
2013

Region		Private		For-hire	
		Gas	Diesel	Gas	Diesel
Philippines		**5,091,537**	**1,544,363**	**703,112**	**232,976**
NCR	National Capital Region	1,384,482	503,696	93,552	83,203
CAR	Cordillera Administrative Region	40,516	42,010	10,145	6,889
I	Ilocos Region	259,454	70,676	72,249	8,251
II	Cagayan Valley	174,243	55,928	62,039	6,847
III	Central Luzon	635,193	201,622	112,363	34,007
IV	CALABARZON & MIMAROPA	697,744	203,647	154,247	31,928
V	Bicol Region	186,708	32,956	29,597	7,926
VI	Western Visayas	247,893	84,351	44,337	14,645
VII	Central Visayas	484,911	101,953	40,758	12,810
VIII	Eastern Visayas	121,276	25,573	13,266	3,487
IX	Zamboanga Peninsula	171,341	31,131	11,908	3,652
X	Northern Mindanao	168,037	55,393	11,542	7,251
XI	Davao Region	243,057	52,944	18,375	6,095
XII	SOCCSKSARGEN	193,208	62,409	19,112	4,601
CARAGA	Caraga	83,474	20,074	9,622	1,384

… no data
Source: Land Transportation Office

Government		Diplomatic		Exempt		Total		Grand total
Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel	
33,124	**36,915**	**3,230**	**146**	**291**	**198**	**5,831,294**	**1,814,598**	**7,645,892**
6,925	8,141	3,116	…	…	…	1,488,075	595,040	2,083,115
279	1,181	…	…	…	…	50,940	50,080	101,020
1,331	1,878	1	…	1	…	333,036	80,805	413,841
988	1,721	…	…	…	1	237,270	64,497	301,767
3,870	3,305	…	…	286	192	751,712	239,126	990,838
2,686	3,412	113	138	…	…	854,790	239,125	1,093,915
1,095	1,036	…	…	…	…	217,400	41,918	259,318
1,230	2,435	…	2	…	3	293,460	101,436	394,896
3,471	3,401	…	…	…	…	529,140	118,164	647,304
1,086	1,508	…	1	…	…	135,628	30,569	166,197
1,833	1,530	…	…	…	1	185,082	36,314	221,396
1,700	1,970	…	4	4	1	181,283	64,619	245,902
2,892	2,298	…	…	…	…	264,324	61,337	325,661
2,512	1,991	…	1	…	…	214,832	69,002	283,834
1,226	1,108	…	…	…	…	94,322	22,566	116,888

Table 5.3.7.
NUMBER OF REGISTERED VEHICLES BY REGION, BY TYPE OF OWNERSHIP,BY TYPE OF FUEL

Region		Private		For-hire		Total		Grand total
		Gas	Diesel	Gas	Diesel	Gas	Diesel	
Philippines		**671,606**	**246,524**	**671,606**	**246,524**	**1,343,212**	**493,048**	**2,854,016**
NCR	National Capital Region	81,364	95,691	81,364	95,691	1,180,484	191,382	1,371,866
CAR	Cordillera Administrative Region	10,787	8,827	10,787	8,827	21,574	17,654	39,228
I	Ilocos Region	71,136	8,488	71,136	8,488	142,272	16,976	159,248
II	Cagayan Valley	54,266	6,631	54,266	6,631	108,532	13,262	121,794
III	Central Luzon	97,016	36,353	97,016	36,353	194,032	72,706	266,738
IV-A	CALABARZON	125,935	28,683	125,935	28,683	251,870	57,366	309,236
IV-B	MIMAROPA	18,097	2,335	18,097	2,335	36,194	4,670	40,864
V	Bicol Region	34,583	7,494	34,583	7,494	69,166	14,988	84,154
VI	Western Visayas	51,575	16,447	51,575	16,447	103,150	32,894	136,044
VII	Central Visayas	33,102	9,103	33,102	9,103	66,204	18,206	84,410
VIII	Eastern Visayas	16,455	3,142	16,455	3,142	32,910	6,284	39,194
IX	Zamboanga Peninsula	12,484	3,476	12,484	3,476	24,968	6,952	31,920
X	Northern Mindanao	11,173	6,962	11,173	6,962	22,346	13,924	36,270
XI	Davao Region	19,514	6,429	19,514	6,429	39,028	12,858	51,886
XII	SOCCSKSARGEN	24,076	5,323	24,076	5,323	48,152	10,646	58,798
CARAGA	Caraga	10,043	1,140	10,043	1,140	20,086	2,280	22,366

… no data

Source: Land Transportation Office

Table 5.4.1a
TYPHOID FEVER CASES AND DEATHS BY REGION
2008-2017

Region		2008		2009		2010		2011	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines		**10,252**	**42**	**17,663**	**60**	**31,751**	**69**	**31,209**	**128**
NCR	National Capital Region	482	3	694	2	724	6	743	6
CAR	Cordillera Administrative Region	1	0	799	0	1,779	0	2,159	4
I	Ilocos Region	609	0	1,685	4	1,739	0	1,744	2
II	Cagayan Valley	453	1	743	2	708	1	728	3
III	Central Luzon	34	0	447	1	1,022	2	2,601	5
IVA	CALABARZON	853	0	365	0	6,722	3	4,707	3
IVB	MIMAROPA	232	13	300	2	1,033	1	1,148	11
V	Bicol Region	527	9	1,180	10	1,279	4	921	14
VI	Western Visayas	2,468	3	3,402	6	4,366	9	4,251	31
VII	Central Visayas	384	3	1,385	11	2,597	14	2,708	15
VIII	Eastern Visayas	639	2	348	3	1,771	7	1,710	8
IX	Zamboanga Peninsula	554	0	840	6	1,425	6	1,769	12
X	Northern Mindanao	1,618	5	1,133	1	1,946	2	1,835	3
XI	Davao Region	427	1	197	0	173	1	302	2
XII	SOCCSKSARGEN	156	0	1,589	2	2,003	1	2,024	3
Caraga	Caraga	530	0	1,995	6	1,894	8	1,499	4
ARMM	Autonomous Region in Muslim	285	2	561	4	570	4	360	2

Source: Department of Health

2012		2013		2014		2015		2016		2017	
Cases	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**
38,648	**143**	**35,226**	**76**	**28,855**	**39**	**31,362**	**35**	**31,076**	**45**	**24,394**	**40**
743	6	600	2	339	0	323	2	350	3	380	1
3,226	3	2,631	4	2,109	1	3,476	1	4,305	2	2,200	1
3,166	6	2,227	2	2,275	5	2,600	1	1,961	1	1,397	1
1,891	8	2,267	0	1,272	3	1,070	0	644	1	855	3
3,327	3	2,684	3	1,866	0	1,657	0	1,324	0	725	0
4,041	7	2,814	2	1,478	3	2,472	3	2,044	1	2,074	0
992	7	1,650	2	1,317	2	1,098	0	947	2	408	1
805	11	575	5	488	5	370	2	418	3	414	1
4,738	23	3,871	12	3,249	5	3,010	5	3,171	8	2,263	4
2,955	22	1,868	14	1,270	4	1,627	6	1,264	8	1,488	14
1,437	14	952	11	500	4	636	6	511	0	494	2
2,399	12	2,140	5	1,837	2	2,245	5	1,783	10	1,765	6
3,354	8	4,297	3	5,512	1	5,991	2	5,522	1	4,937	0
292	6	602	6	311	1	183	0	236	0	215	0
2,630	7	4,156	1	2,996	2	2,991	0	4,078	1	2,472	0
1,960	0	1,268	2	1,020	1	1,124	2	1,026	1	1,056	0
692	0	624	2	1,016	0	489	0	1,492	3	1,251	6

Table 5.4.2a
ACUTE BLOODY DIARRHEA CASES AND DEATHS BY REGION
2008-2017

Region		2008		2009		2010		2011	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines		**426**	**1**	**5,173**	**17**	**9,030**	**20**	**13,292**	**48**
NCR	National Capital Region	0	0	265	1	88	0	120	0
CAR	Cordillera Administrative Region	0	0	29	0	1,222	2	1,154	1
I	Ilocos Region	0	0	10	0	62	0	75	1
II	Cagayan Valley	0	0	616	0	603	0	1,026	0
III	Central Luzon	1	0	20	0	182	0	271	0
IVA	CALABARZON	12	1	819	4	1,077	0	258	0
IVB	MIMAROPA	0	0	67	0	172	0	177	0
V	Bicol Region	0	0	4	0	56	0	7	0
VI	Western Visayas	1	0	435	0	603	1	340	0
VII	Central Visayas	66	0	509	4	1,813	7	5,611	36
VIII	Eastern Visayas	121	0	278	2	364	1	613	0
IX	Zamboanga Peninsula	0	0	82	0	612	1	671	3
X	Northern Mindanao	131	0	203	1	464	5	594	1
XI	Davao Region	26	0	111	1	247	2	534	2
XII	SOCCSKSARGEN	58	0	1,194	0	917	0	606	1
Caraga	Caraga	9	0	384	1	543	1	1,212	3
ARMM	Autonomous Region in Muslim	1	0	147	3	5	0	23	0

Source: Department of Health

2012		2013		2014		2015		2016		2017	
Cases	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**
15,021	**39**	**12,038**	**34**	**10,751**	**9**	**12,824**	**18**	**14,473**	**52**	**19,580**	**49**
197	0	250	0	135	0	206	0	338	0	125	0
2,412	1	1,889	4	1,603	1	1,668	1	1,768	0	1,602	1
142	0	87	1	61	0	84	0	84	**2**	100	0
1,722	0	1,211	1	1,805	3	1,454	0	1,132	0	1,550	1
374	0	297	0	369	0	258	0	240	0	403	0
179	0	187	1	163	0	245	0	291	1	811	2
220	0	146	0	182	0	87	1	111	0	127	0
13	0	5	1	2	0	44	0	60	0	69	0
204	2	57	0	72	0	278	0	154	0	146	0
4,967	21	3,401	20	1,755	2	3,564	10	5,916	41	6,868	37
651	1	418	0	692	2	479	1	368	0	490	1
1,153	2	1,438	3	1,122	0	1,084	3	859	1	1,719	3
863	3	905	1	1,019	0	1,082	2	763	2	1,338	1
295	2	420	1	129	0	216	0	246	3	333	2
487	2	296	0	206	1	547	0	418	1	305	0
1,084	4	986	1	1,358	0	1,518	0	1,589	0	3,418	0
58	1	45	0	78	0	10	0	136	1	176	1

Table 5.4.3a
CONFIRMED CHOLERA CASES AND DEATHS BY REGION
2008-2017

Region		2008		2009		2010		2011	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines		**244**	**0**	**113**	**1**	**33**	**2**	**120**	**3**
NCR	National Capital Region	0	0	31	0	10	0	8	0
CAR	Cordillera Administrative Region	0	0	2	0	0	0	0	0
I	Ilocos Region	242	0	38	0	0	0	0	0
II	Cagayan Valley	0	0	0	0	4	0	0	0
III	Central Luzon	0	0	6	0	1	0	0	0
IVA	CALABARZON	0	0	20	1	2	0	2	0
IVB	MIMAROPA	0	0	0	0	0	0	29	0
V	Bicol Region	0	0	5	0	0	0	29	2
VI	Western Visayas	0	0	0	0	0	0	0	0
VII	Central Visayas	0	0	0	0	0	0	1	0
VIII	Eastern Visayas	2	0	10	0	0	0	18	0
IX	Zamboanga Peninsula	0	0	0	0	0	0	2	0
X	Northern Mindanao	0	0	1	0	1	1	0	0
XI	Davao Region	0	0	0	0	8	1	0	0
XII	SOCCSKSARGEN	0	0	0	0	0	0	3	0
Caraga	Caraga	0	0	0	0	7	0	28	1
ARMM	Autonomous Region in Muslim	0	0	0	0	0	0	0	0

Source: Department of Health

2012		2013		2014		2015		2016		2017	
Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
94	**2**	**6**	**0**	**17**	**0**	**18**	**0**	**124**	**0**	**134**	**2**
0	0	0	0	0	0	5	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	16	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	11	0	0	0
0	0	0	0	0	0	3	0	21	0	25	0
0	0	0	0	0	0	0	0	0	0	0	0
73	2	0	0	0	0	0	0	12	0	12	0
0	0	0	0	0	0	0	0	18	0	7	0
9	0	3	0	0	0	0	0	0	0	62	2
1	0	0	0	0	0	0	0	26	0	0	0
0	0	0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	8	0	21	0
0	0	0	0	0	0	0	0	2	0	4	0
2	0	3	0	16	0	10	0	0	0	0	0
6	0	0	0	0	0	0	0	4	0	1	0
3	0	0	0	0	0	0	0	4	0	1	0

Table 5.4.4a
CONFIRMED HEPATITIS A CASES AND DEATHS BY REGION
2008-2017

Region		2008		2009		2010		2011	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines		**77**	**1**	**315**	**4**	**385**	**2**	**500**	**2**
NCR	National Capital Region	1	0	25	0	32	0	29	0
CAR	Cordillera Administrative Region	1	0	27	0	9	0	7	0
I	Ilocos Region	0	0	15	0	8	0	1	0
II	Cagayan Valley	0	0	4	0	4	0	4	0
III	Central Luzon	1	0	0	0	5	0	20	0
IVA	CALABARZON	2	1	8	0	28	0	21	0
IVB	MIMAROPA	0	0	2	0	2	0	12	0
V	Bicol Region	1	0	3	0	2	0	6	0
VI	Western Visayas	10	0	77	0	177	1	128	0
VII	Central Visayas	11	0	42	1	49	0	113	2
VIII	Eastern Visayas	0	0	0	0	6	0	13	0
IX	Zamboanga Peninsula	13	0	22	1	15	0	33	0
X	Northern Mindanao	21	0	28	0	21	1	7	0
XI	Davao Region	6	0	11	0	0	0	27	0
XII	SOCCSKSARGEN	1	0	6	0	0	0	31	0
Caraga	Caraga	6	0	40	2	17	0	46	0
ARMM	Autonomous Region in Muslim	3	0	5	0	10	0	2	0

Source: Department of Health

2012		2013		2014		2015		2016		2017	
Cases	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**
590	**3**	**599**	**2**	**655**	**2**	**839**	**1**	**666**	**2**	**461**	**1**
39	0	55	0	21	0	36	0	58	1	46	0
39	0	16	0	17	0	16	0	7	0	8	0
14	0	18	0	31	1	28	0	13	0	15	0
8	0	15	0	10	0	2	0	7	0	5	0
32	0	42	0	64	0	38	0	20	0	16	1
34	1	54	1	76	0	76	0	53	0	32	0
8	0	6	0	40	0	6	1	26	0	1	0
8	0	26	0	19	0	8	0	14	0	17	0
97	1	77	0	97	1	200	0	75	0	65	0
120	0	57	0	41	0	140	0	195	1	120	0
16	0	14	0	3	0	9	0	10	0	7	0
57	0	76	0	83	0	90	0	56	0	24	0
23	1	26	0	53	0	109	0	52	0	55	0
15	0	31	1	32	0	18	0	8	0	5	0
44	0	52	0	35	0	34	0	23	0	16	0
14	0	15	0	15	0	6	0	14	0	14	0
22	0	19	0	18	0	23	0	35	0	15	0

Table 5.4.5a
ROTAVIRUS CASES AND DEATHS BY REGION
2015-2017

Region		2015		2016		2017	
		Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines		**3,220**	**43**	**4,976**	**68**	**4,012**	**48**
NCR	National Capital Region	122	0	396	3	272	0
CAR	Cordillera Administrative Region	0	0	1	0	0	0
I	Ilocos Region	549	12	1023	19	864	20
II	Cagayan Valley	0	0	1	0	0	0
III	Central Luzon	1	0	11	0	1	0
IVA	CALABARZON	5	0	16	0	12	0
IVB	MIMAROPA	214	0	86	0	168	1
V	Bicol Region	50	0	323	5	228	0
VI	Western Visayas	336	1	726	3	680	8
VII	Central Visayas	0	0	1	0	2	0
VIII	Eastern Visayas	0	0	30	0	0	0
IX	Zamboanga Peninsula	0	0	71	0	0	0
X	Northern Mindanao	5	0	0	0	1	0
XI	Davao Region	0	0	0	0	2	0
XII	SOCCSKSARGEN	715	10	935	18	744	9
Caraga	Caraga	505	0	413	0	297	0
ARMM	Autonomous Region in Muslim	718	20	943	20	741	10

Source: Department of Health

Table 5.4.6a
LEPTOSPIROSIS CASES AND DEATHS BY REGION
2008-2017

Region		2008		2009		2010		2011	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines		**890**	**45**	**5,369**	**322**	**1,280**	**85**	**4,834**	**295**
NCR	National Capital Region	185	18	2,215	136	207	18	738	67
CAR	Cordillera Administrative Region	5	0	24	1	8	0	55	0
I	Ilocos Region	10	0	619	36	88	9	287	38
II	Cagayan Valley	160	3	124	7	81	5	220	15
III	Central Luzon	14	2	808	55	290	5	1,166	39
IV-A	CALABARZON	17	3	701	48	46	8	123	5
IV-B	MIMAROPA	1	0	8	2	6	0	37	1
V	Bicol Region	78	3	218	9	99	5	147	6
VI	Western Visayas	285	11	414	18	242	17	1,469	79
VII	Central Visayas	12	1	30	3	60	11	84	9
VIII	Eastern Visayas	31	0	37	2	24	0	67	8
IX	Zamboanga Peninsula	37	1	24	2	15	2	49	8
X	Northern Mindanao	19	1	93	1	32	3	146	3
XI	Davao Region	32	2	40	0	61	1	202	11
XII	SOCCSKSARGEN	0	0	5	0	1	0	10	0
Caraga	Caraga	0	0	7	1	18	1	34	6
ARMM	Autonomous Region in Muslim Mindanao	4	0	2	1	2	0	0	0

Source: Department of Health

2012		2013		2014		2015		2016		2017	
Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
7,636	**357**	**4,471**	**257**	**1,552**	**99**	**1,424**	**131**	**1,771**	**177**	**3,067**	**317**
2,306	109	1,071	100	271	17	279	36	440	48	568	82
36	1	25	2	42	3	12	2	19	0	52	4
363	48	150	19	159	20	147	20	315	47	432	57
335	18	207	3	149	7	49	3	64	8	197	20
1,319	40	1,705	35	369	15	332	14	308	19	235	26
411	29	282	25	56	6	55	7	136	16	137	11
18	1	18	0	19	0	55	5	33	0	25	6
205	10	97	5	40	3	57	7	58	1	102	11
1,216	57	462	20	202	14	195	12	194	18	651	51
137	5	73	3	30	0	34	2	28	8	170	23
81	6	46	4	18	1	45	3	13	0	112	10
50	6	95	15	38	2	37	5	19	1	45	5
961	12	39	3	67	4	47	7	57	2	84	3
169	14	156	21	64	6	45	3	39	7	167	6
7	1	18	1	6	0	7	1	7	2	8	0
19	0	23	1	18	1	20	3	39	0	76	2
3	0	4	0	4	0	8	1	2	0	6	0

Table 5.5.1a
DENGUE CASES AND DEATHS BY REGION
2008-2017

Region		2008		2009		2010		2011	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines		**46,243**	**411**	**57,657**	**546**	**172,271**	**1,055**	**125,975**	**654**
NCR	National Capital Region	14,138	90	12,692	121	23,489	133	28,040	161
CAR	Cordillera Administrative Region	657	5	1,547	11	3,118	13	1,208	5
I	Ilocos Region	3,366	29	2,789	26	5,573	41	14,389	73
II	Cagayan Valley	1,209	13	2,223	38	6,074	37	9,673	45
III	Central Luzon	7,138	58	2,925	34	10,657	67	26,878	59
IV-A	CALABARZON	4,067	31	7,189	41	24,639	105	17,567	107
IV-B	MIMAROPA	263	4	170	2	2,233	26	1,580	9
V	Bicol Region	648	7	1,203	3	3,326	19	1,715	7
VI	Western Visayas	2,242	20	5,226	84	27,352	137	3,206	39
VII	Central Visayas	3,318	92	7,063	79	15,272	116	5,373	26
VIII	Eastern Visayas	856	11	1,099	13	11,996	93	867	6
IX	Zamboanga Peninsula	2,158	8	1,628	9	4,908	46	1,592	23
X	Northern Mindanao	1,070	14	2,238	26	7,374	58	2,000	8
XI	Davao Region	3,166	18	4,178	35	9,150	85	4,178	37
XII	SOCCSKSARGEN	1,095	6	3,237	10	9,922	55	2,735	26
Caraga	Caraga	593	2	1,844	6	6,260	13	4,695	19
ARMM	Autonomous Region in Muslim Mindanao	259	3	406	8	928	11	279	4

Source: Department of Health

2012		2013		2014		2015		2016		2017	
Cases	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**	**Cases**	**Deaths**
186,115	**917**	**204,558**	**659**	**121,421**	**465**	**213,616**	**645**	**220,160**	**1,090**	**152,224**	**811**
35,644	142	23395	52	8,925	44	26,754	115	16877	69	25897	158
2,709	22	3,591	29	8,603	43	6,699	41	8300	45	2679	13
9,594	42	16,553	46	6,982	18	17,595	41	8327	21	8206	23
7,806	30	15,918	27	3,848	17	13,834	17	3897	11	5306	34
28,181	60	20,576	34	14,453	19	36,988	49	21361	68	24865	82
29,722	121	30,180	64	15,090	30	35,955	107	24528	116	22318	104
2,341	12	5,065	14	2,582	15	3,619	10	4053	20	2735	14
3,755	13	2,968	15	2,329	11	2,013	8	2572	18	3190	26
11,845	96	22,450	69	8,484	27	10,348	26	26315	90	10302	86
19,019	89	15,805	56	6,561	26	14,396	87	28942	254	13735	119
1,658	12	3,726	12	5,216	21	2,006	5	5417	30	4285	24
5,482	42	5,952	42	6,751	28	6,980	22	7275	39	4607	27
6,530	48	5,360	49	11,738	65	10,298	44	17868	72	6671	24
10,095	109	10,879	62	8,557	44	5,050	21	12264	101	3551	25
4,566	53	13,048	68	7,237	40	9,568	31	19192	82	9432	37
5,729	12	8,693	17	2,567	7	10,392	11	10476	22	3991	13
1,439	14	399	3	1,498	10	1,121	10	2496	32	454	2

Table 5.5.1a
CHIKUNGUNYA CASES AND DEATHS BY REGION
2016-2017

Region		2016		2017	
		Cases	Deaths	Cases	Deaths
Philippines		**6,346**	**1**	**2,756**	**1**
NCR	National Capital Region	9	0	12	0
CAR	Cordillera Administrative Region	356	0	35	0
I	Ilocos Region	443	0	36	0
II	Cagayan Valley	0	0	2	0
III	Central Luzon	304	0	763	0
IV-A	CALABARZON	2,612	0	1,027	0
IV-B	MIMAROPA	267	0	312	0
V	Bicol Region	345	0	245	1
VI	Western Visayas	184	0	11	0
VII	Central Visayas	356	0	116	0
VIII	Eastern Visayas	777	0	145	0
IX	Zamboanga Peninsula	14	0	0	0
X	Northern Mindanao	556	0	36	0
XI	Davao Region	61	0	8	0
XII	SOCCSKSARGEN	1	0	1	0
Caraga	Caraga	61	1	7	0
ARMM	Autonomous Region in Muslim Mindanao	0	0	0	0

Source: Department of Health

Table 5.6a
MEASLES CASES AND DEATHS BY REGION
2008-2017

Region		2008		2009		2010		2011	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Philippines		**891**	**8**	**1,430**	**7**	**6,241**	**29**	**6,473**	**24**
NCR	National Capital Region	232	0	536	4	2,046	12	1,169	5
CAR	Cordillera Administrative Region	6	0	9	0	57	0	74	1
I	Ilocos Region	7	0	7	0	194	0	402	2
II	Cagayan Valley	12	0	11	0	146	0	116	0
III	Central Luzon	54	0	38	1	377	0	608	2
IV-A	CALABARZON	16	0	252	0	905	4	754	4
IV-B	MIMAROPA	17	0	32	1	256	0	116	0
V	Bicol Region	64	1	92	1	453	2	589	3
VI	Western Visayas	49	0	124	0	162	1	297	0
VII	Central Visayas	35	0	57	0	122	0	239	0
VIII	Eastern Visayas	18	0	15	0	360	3	140	0
IX	Zamboanga Peninsula	42	1	48	0	196	1	346	0
X	Northern Mindanao	38	1	20	0	211	2	354	2
XI	Davao Region	11	3	58	0	123	0	531	2
XII	SOCCSKSARGEN	60	0	63	0	327	2	341	3
Caraga	Caraga	3	1	14	0	182	1	230	0
ARMM	Autonomous Region in Muslim Mindanao	227	1	54	0	124	1	167	0

Source: Department of Health

2012		2013		2014		2015		2016		2017	
Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1,536	**5**	**5,593**	**71**	**54,211**	**313**	**5,593**	**7**	**5,593**	**2**	**5,593**	**34**
95	1	3,182	54	13,019	71	3,182	0	3,182	0	3,182	3
56	1	16	0	1,801	2	16	1	16	0	16	0
7	0	117	1	2,162	24	117	0	117	0	117	0
10	0	64	1	1,972	4	64	0	64	0	64	0
62	0	233	4	6,014	32	233	0	233	1	233	2
187	0	1,067	6	8,579	51	1,067	0	1,067	1	1,067	0
30	0	50	0	1,769	10	50	0	50	0	50	0
8	1	80	0	1,891	15	80	0	80	0	80	0
490	0	389	2	1,871	2	389	0	389	0	389	0
327	0	36	0	1,852	6	36	0	36	0	36	0
23	1	69	2	1,278	22	69	0	69	0	69	0
84	0	60	0	709	2	60	0	60	0	60	4
58	0	21	0	2,307	9	21	2	21	0	21	0
41	0	60	0	2,960	12	60	3	60	0	60	8
38	0	57	0	3,989	23	57	0	57	0	57	1
9	0	86	1	535	9	86	0	86	0	86	0
11	1	6	0	1,503	19	6	1	6	0	6	16

Statistical Tables

Environmental Protection, Management and Engagement

Table 6.1.1
CLIMATE CHANGE (CC) EXPENDITURES[1/] BY DEPARTMENT AND SPECIAL PURPOSE FUND
2015 to 2017
(In thousand Pesos)

Department/Special Purpose Fund	2015		
	CC Expenditure		
	Adaptation	Mitigation	Total
TOTAL	**117,125,236**	**10,630,731**	**127,755,967**
DEPARTMENTS	**115,977,865**	**10,611,253**	**126,589,118**
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 Information and Communications			
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	93,102,183	-	93,102,183
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 Communications)	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**
Allocation to Local Government Units	1,147,371	19,478	1,166,849
Budgetary Support to Government Corporations			

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 Employment in FY 2015–2016, 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/]
2015 to 2017
(In thousand Pesos)

Department/Special Purpose Fund	2015		
	CC Expenditure		
	Adaptation	Mitigation	Total
TOTAL	**117,125,236**	**10,630,731**	**127,755,967**
Food Security	13,026,844	283,691	13,310,535
Water Sufficiency	51,871,944	-	51,871,944
Ecosystem and Environmental Stability	4,342,747	7,274,015	11,616,762
Human Security	517,111	-	517,111
Climate Smart Industries and Services	1,423,662	33,024	1,456,686
Sustainable Energy	41,585,548	3,030,820	44,616,368
Knowledge and Capacity Development	4,161,871	-	4,161,871
Cross-Cutting	195,509	9,181	204,690

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 6.1.1 *(continued)*

2016			2017		
CC Expenditure			CC Expenditure		
Adaptation	Mitigation	Total	Adaptation	Mitigation	Total
128,261,829	**8,807,675**	**137,069,504**	**187,510,690**	**10,440,859**	**197,951,549**
126,875,697	**8,795,767**	**135,671,464**	**181,136,779**	**8,877,477**	**190,014,256**
15,000	-	15,000	302,095	-	302,095
17,164,762	331,718	17,496,480	11,686,780	392,308	12,079,088
-	62,139	62,139	-	319,563	319,563
3,484,424	8,319,410	11,803,834	5,579,375	8,086,831	13,666,206
-	-	-	-	-	-
1,448	-	1,448	1,800	4,992	6,792
-	-		1,000	-	1,000
76,000	-	76,000	76,767	-	76,767
1,083,902	-	1,083,902	499,416	-	499,416
334,867	26,898	361,765	537,845	-	537,845
101,701,697	-	101,701,697	161,100,172	-	161,100,172
2,907,943	49,007	2,956,950	1,223,676	54,000	1,277,676
127	-	127			
-	1,500	1,500	-	800	800
4,837	-	4,837			
5,988	-	5,988	2,580	-	2,580
94,702	5,095	99,797	125,273	18,983	144,256
1,386,132	**11,908**	**1,398,040**	**6,373,911**	**1,563,382**	**7,937,293**
1,386,132	11,908	1,398,040	772,262	1,563,382	2,335,644
			5,601,649	-	5,601,649

Table 6.1.2 *(continued)*

2016			2017		
CC Expenditure			CC Expenditure		
Adaptation	Mitigation	Total	Adaptation	Mitigation	Total
128,261,829	**8,807,675**	**137,069,504**	**187,510,690**	**10,440,859**	**197,951,549**
17,166,210	331,718	17,497,928	16,161,606	520,384	16,681,990
76,641,226	-	76,641,226	123,082,106	-	123,082,106
3,002,016	8,323,908	11,325,924	4,408,288	7,118,029	11,526,317
343,734	-	343,734	2,635,767	-	2,635,767
2,274,091	23,000	2,297,091	872,802	1,848,934	2,721,736
25,935,976	120,454	26,056,430	39,076,597	946,037	40,022,634
2,850,862	3,500	2,854,362	1,256,469	-	1,256,469
47,714	5,095	52,809	17,055	7,475	24,530

Table 6.2
GOVERNMENT ENVIRONMENTAL PROTECTION EXPENDITURES
2014 to 2017
(In thousand pesos)

Particulars	2014	2015	2016	2017
ENVIRONMENTAL PROTECTION	**5,396,706**	**6,679,518**	**6,473,928**	**8,604,645**
Waste management	**1,226,695**	**1,723,677**	**1,666,099**	**2,317,025**
State Universities and Colleges (SUCs)	-	-	-	-
Region IX - Zamboanga Peninsula	-	-	-	-
Zamboanga State College of Marine Sciences and Technology	-	-	-	
Department of Environment and Natural Resources (DENR)	233,158	728,407	575,810	1,325,019
Office of the Secretary	128,842	80,000	117,092	98,838
Environmental Management Bureau	104,316	648,407	458,718	1,226,181
Other Executive Offices	-	1,732	1,751	1,098
Philippine Commission of Women (National Commission on the Role of	-	1,732	1,751	1,098
Allocations to Local Government Units	993,537	993,538	1,088,538	990,908
Metropolitan Manila Development Authority	993,537	993,538	1,088,538	990,908
Waste water management	**611,512**	**525,884**	**528,509**	**424,448**
State Universities and Colleges (SUCs)	-	-	-	-
Region V - Bicol	-	-	-	-
Catanduanes State University	-	-	-	
National Capital Region (NCR)	-	-	-	-
University of the Philippines System	-	-	-	
Department of Public Works and Highways (DPWH)	-	10,000	-	-
Office of the Secretary	-	10,000	-	-
Department of Science and Technology (DOST)	-	10,000	9,795	15,000
Philippine Science High School	-	10,000	9,795	15,000
Budgetary Support to Government Corporations	-	-	-	78,000
Department of Public Works and Highways (DPWH)	-	-	-	78,000
Local Water Utilities Administration	-	-	-	78,000
Allocations to Local Government Units	611,512	505,884	518,714	331,448
Metropolitan Manila Development Authority	611,512	505,884	518,714	331,448
Pollution abatement	**1,489,689**	**1,545,935**	**1,817,880**	**1,551,114**
Department of Agriculture (DA)	-	30,856	25,880	1,180
Office of the Secretary	-	30,856	25,880	1,180
Department of Environment and Natural Resources (DENR)	850,825	828,137	1,221,066	751,818
Office of the Secretary			-	-
Environmental Management Bureau	850,825	828,137	1,221,066	751,818
Department of Transportation and Communications (DOTC)	526,389	579,612	-	
Philippine Coast Guard	526,389	579,612		
Other Executive Offices	112,475	107,330	85,033	169,635
Pasig River Rehabilitation Commission	96,254	53,618	52,886	122,226
Philippine Commission of Women	15,811	53,712	32,147	47,409
Presidential Management Staff	410	-		
Department of Transportation	-	-	485,901	628,481
Philippine Coast Guard	-	-	485,901	628,481
Protection of biodiversity and landscape	**1,284,441**	**1,703,198**	**1,531,202**	**2,676,127**
State Universities and Colleges (SUCs)	-	3,000	2,981	-
Region XIII—Caraga	-	3,000	2,981	-
Caraga State University	-	3,000	2,981	
Department of Environment and Natural Resources (DENR)	1,150,829	1,650,198	1,437,744	2,567,976
Office of the Secretary	1,108,940	1,602,083	1,389,657	2,500,131
Palawan Council for Sustainable Development Staff	41,889	48,115	48,087	67,845
Department of Interior and Local Government (DILG)	133,612	50,000	90,477	58,651
Office of the Secretary	133,612	50,000	90,477	58,651
Department of Tourism (DOT)				
Tourism Infrastructure and Enterprise Zone Authority				
Allocations to Local Government Units (ALGU)				49,500
Metropolitan Manila Development Authority				49,500
R&D Environmental protection	**88,101**	**217,319**	**120,250**	**205,750**
State Universities and Colleges (SUCs)	-	-	-	-
Region XI—Davao	-	-	-	-
Davao Oriental State College of Science and Technology	-	-	-	
Department of Environment and Natural Resources (DENR)	88,101	123,319	120,250	125,022
Environmental Management Bureau	88,101	123,319	120,250	125,022
Department of Science and Technology (DOST)	-	-	-	9,695
Philippine Atmospheric, Geophysical and Astronomical Services	-	-	-	
Philippine Nuclear Research Institute	-	-	-	9,695
Other Executive Offices	-	94,000	-	71,033
Climate Change Commission	-	94,000	-	71,033
Environmental protection n.e.c.	**696,268**	**963,505**	**809,988**	**1,430,181**
Department of Agriculture (DA)	88,862	366,854	204,881	711,935
Office of the Secretary	88,862	87,227	99,392	151,659
Bureau of Fisheries and Aquatic Resources	-	279,627	105,489	560,276
State Universities and Colleges (SUCs)	-	-	-	-
Region V—Bicol	-	-	-	-
Catanduanes State University	-	-	-	
Region IX—Zamboanga	-	-	-	-
Zamboanga State College of Marine Sciences and Technology	-	-	-	
Department of Environment and Natural Resources (DENR)	136,700	200,933	196,968	327,595
Office of the Secretary	106,423	140,601	139,383	201,197
Environmental Management Bureau	30,277	60,332	57,585	126,398
Department of Public Works and Highways (DPWH)	91,865	-	-	-
Office of the Secretary	91,865	-	-	
Other Executive Offices	47,051	119,961	74,455	52,809
Climate Change Commission	47,051	119,961	74,455	52,809
Autonomous Region of Muslim Mindanao	331,790	275,757	333,684	337,842
Autonomous Regional Government in Muslim Mindanao	331,790	275,757	333,684	337,842

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 PLANT

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, cement plants, incinerators and smelting furnaces.

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 carbon	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
N_1([3])	I	RW ≤ 1,250	2.2	1.0	0.5	0.7	0.08
	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 DAO No. 2010-24

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 to January 1, 2003	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

A. Inorganic Constituents

Constituents	Maximum Level (mg/L)
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

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 (*continued*)

B. Organic Constituents (Pesticides)

Constituents	Maximum Level (µg/L)
Aldrin & Dieldrin	0.03
Chlordane	0.2
DDT	2
Endrin	0.2
Heptachlor and Heptachlor epoxide	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 Janauy 1, 2012]*			**4,500** *[registered for the first time on or after Janauy 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	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

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

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

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

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

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
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

Table 6.3.35(*continued*)

PSIC	Industry Category	Significant Parameters
C. Manufacturing *(continued)*		
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

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

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

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	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	mg/L	NDA	0.02	0.02	0.02	0.04	NDA	0.1	0.1	0.2
Copper as dissolved	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	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	µg/L	NDA	<0.1	<0.1	<0.1	<0.1	NDA	<0.1	<0.1	<0.1
Phenol & Phenolic	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	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

Table 6.3.36 (*continued*)

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

Annex Table 1.
WATER BODY CLASSIFICATION AND USAGE OF 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

Annex Table 2.
WATER BODY CLASSIFICATION AND USAGE OF 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

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
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
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
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
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

Table 6.4 *(continued)*

Multilateral Environmental Agreements/ Global Environmental Conventions	Basic Objective	Date of Signature, Ratification/Approval/ Accession/Adoption, and Entry into Force
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
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
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

Table 6.4 *(continued)*

Multilateral Environmental Agreements/ Global Environmental Conventions	Basic Objective	Date of Signature, Ratification/Approval/ Accession/Adoption, and Entry into Force
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
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
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

Table 6.4 *(continued)*

Multilateral Environmental Agreements/ Global Environmental Conventions	Basic Objective	Date of Signature, Ratification/Approval/ Accession/Adoption, and Entry into Force
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
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
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
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

Table 6.4 *(continued)*

Multilateral Environmental Agreements/ Global Environmental Conventions	Basic Objective	Date of Signature, Ratification/Approval/ Accession/Adoption, and Entry into Force
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
Biodiversity Management Bureau, DENR
Forest Management Bureau, DENR