

Use of the environmental data obtained from the household surveys in Kenya

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Outline

- Introduction
- Sources of Environment Statistics
- Environment Statistics obtained from surveys
- Uses of Environment Statistics collection/reporting
- Way Forward

Introduction

Location of Kenya



Introduction

There are a number of initiatives geared towards improvement of [environment] statistics

- The World Bank Kenya Statistics Programme for Results (KSPforR)
 - Credit facility to the Government of Kenya (USD 50 M).
 - Facilitates partial implementation of the KNBS Strategic Plan, including planned Environmental Statistics activities/surveys

Introduction

- United Nations Statistics Division (UNSD)
Support
 - Implementation of FDES (Module A on improving data availability)
 - System of Environmental Economic Accounting, SEEA (Module B)
 - National and Regional capacity building on environment statistics targeting the National Statistics Office and members of the National Statistics System (NSS)

Introduction

- Statistics Sweden Capacity building project:
Specific environment statistics related activities
 - Capacity Building
 - Analysis, compilation and reporting of environment statistics from existing data sources including household based surveys
 - Sustainable Development Goals (SDGs)
 - Production of an annual report on Environment Statistics (project end product)

Introduction

- Country initiatives
 - Establishment of Environment Statistics Committee
 - Development of a compendium on environment statistics
 - Implementation of the Strategic Plan for Agriculture and Rural Statistics (SPARS) comprising of agriculture relevant environmental statistics (water, fisheries, trees etc.)

Sources of Environment Statistics

Traditionally been relying on administrative data

- Inclusion of modules in Surveys and Censuses
 - Kenya Integrated Household Budget Survey (KIHBS II)
 - Kenya Demographic & Health Survey, etc.
- A mining and quarrying survey scheduled for 2017/18 financial year

Environment Statistics from Surveys

Focusing on the Statistics Sweden Capacity Building project

- Identified additional environment data from the 2015/16 Kenya Integrated Household Budget Survey (KIHBS)

- The KIHBS data collection, analysis & tabulation already undertaken. Report writing scheduled from 5th May 2017.

Environment Statistics from Surveys

Water

- i) Total volume (in litres) of water use by households (FDES 2.6.2 h)
- ii) Main source of drinking water (FDES 5.1.2 a)
- iii) Price of Water by Type (FDES 5.1.2 g)

Environment Statistics from Surveys

Sanitation

- i) Main sanitary facility (improved/unimproved) used by household (FDES 5.1.2)
- b)

Waste

- ii) Main type of waste disposal used by households (FDES 5.1.2c)
- iii) Volume of waste generated by households (FDES 3.3.1 a)

Environment Statistics from Surveys

Environmental Protection

i) Expenditure on environment protection services by households

Agriculture

i) Crop area by type of crop (FDES 2.5.3a)

ii) Amount harvested by crop (FDES 2.5.3-3)

iii) Expenditure on pesticides (*related to 2.5.3b*)

Environment Statistics from Surveys

Agriculture

iv) Number of animals (FDES 2.5.4~1)

Energy

i) Final consumption energy by type (FDES 2.2.2c)

ii) Population with access to electricity (FDES 5.1.2 h)

iii) Price of electricity (FDES 5.1.2 g)

Environment Statistics from Surveys

Disaster

- Proportion of households that were severely negatively affected by drought/floods (*related to FDES 4.1.2*)

The support from Statistics Sweden has been instrumental in broadening the current knowledge base on optimizing use of collected data.

Uses of Environment Statistics

- Policy formulation
- Evidence-based planning, monitoring & evaluation of development initiatives
 - Economic Survey
 - State of the Environment Report
 - National & (47) County Statistics Abstracts
- SDGS (Voluntary National Report)

Way Forward

- Incorporation of environment (including monitoring) in the Medium Term Plan III (2018-2022) of the Kenya Vision 2030
- Improvement of quality of environment statistics across the NSS through the environment statistics committee
- Implementation of FDES (and SPARS)
- Production of an annual Environment Statistics Report



**Thank
you for
your
attention**

