Nigeria - National Survey of Agricultural Export Commodities 2006

National Bureau of Statistics(NBS)

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Overview

Identification

ID NUMBER
NGA_2006_NSAEC_v01_EN_M_v01_A_OCS

Version

VERSION DESCRIPTION
version 1.0

PRODUCTION DATE
2008-09-11

NOTES
The general review of the documentation

Overview

ABSTRACT
In the recent past, three survey projects had been conducted by the Technical Committee of the Consultative Committee on Agricultural Export Commodities Statistics (CCAECS). The survey projects include: Pilot test 2002/2003, 2004/2005 and 2005/2006. The projects were jointly carried out by four federal agencies namely: National Bureau of Statistics (NBS), Central Bank of Nigeria (CBN), Federal Ministry of Agriculture & Rural Development (FMA&RD) and Federal Ministry of Commerce (FMC).

Obviously, the results obtained from these joint projects would add value to agricultural production in the country. It is believed that the survey results would give both government and non-governmental agencies ample opportunity to address the ugly situation of dearth of reliable statistical data on export crops.

The survey covered the following fourteen crops: Cashew, Cocoa, Coffee, Cotton, Garlic, Ginger, Groundnut, Gum Arabic, Oil palm, Rubber, Sesame seed, Sheanuts, Sugar cane and Tea.

This report is based on the 2005/06 survey result which is the third edition of the series and the most recent conclusive project.

The major objectives of the survey include:

i. To ascertain the spread of the cultivation of each of the fourteen export crops within Nigeria in terms of area cultivated by state.

ii. To provide a national baseline data on agricultural export commodities.

iii. To provide structural data on agricultural export commodities in Nigeria.

iv. To obtain socio-economic data and demographic characteristics of holders within households.

v. To provide production estimates at national and state levels.

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS

Households

Scope

The scopes for data collection were as follows:

– Access to land by type of tenure

– Area cultivated under each crop

– Production in terms of output of each crop

– Use of Farm Inputs - fertilizer, pesticides and improved seedlings

– Access to Credit facilities

– Employment

– Market channels,

– Farm gate and Open market prices

– Consumption from own-production

– Transportation and Storage

– Use and access to farm Implements.

TOPICS

Topic	Vocabulary	URI
rural economics		
agricultural, forestry and rural industry		
employment		
basic skills education		
educational policy		
vocational education		
plant and animal distribution		
transport, travel and mobility		
children		
gender and gender roles		
family life and marriage		

KEYWORDS
sex, sales, funds, inputs, consumption, market, problems, seedling, fertilizer, insecticide, cashew, cocoa, coffee, cotton, garlic, ginger, groundnut, gum arabic, oil palm, rubber, sesame seed, sheanuts, sugarcane, tea, farm, holding, holder, area, production, transportation, implement, funds, employment, land, storage

Coverage

GEOGRAPHIC COVERAGE
National Coverage

UNIVERSE
Household export crop holder

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Bureau of Statitics(NBS)	Federal Government of Nigeria(FGN)

OTHER PRODUCER(S)

Name	Affiliation	Role
Central Bank of Nigeria	Federal Government of Nigeria (FGN)	Collaboration
Federal Ministry of Agriculture & Rural Development	Federal Government of Nigeria (FGN)	Collaboration
Federal Ministry of Commerce	Federal Government of Nigeria (FGN)	Collaboration

FUNDING

Name	Abbreviation	Role
National Bureau of Statitics	NBS	Technical Support
Central Bank of Nigeria	CBN	Funding

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Ministry Department and Agency	MDAs	Technical Support

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM
National Bureau of Statitics	NBS	Federal Government of Nigeria (FGN)	Metadata Producer

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Sampling

Sampling Procedure

The first frame was the list of 774 LGAs nationwide. The second frame was the list of EAs demarcated by the National Population Commission during the 1991 population census. 192 LGAs were selected nationwide. A 2-stage sample design was employed.

In the first stage,10 EAs were systematically selected from each sampled LGA. Of the expected 1,920 EAs, only 1,855 were found to have export crops and were eventually studied.

In the second stage,10 export crop farming housing units were systematically selected from each sampled EA (provided there were more than 10 farming housing units in the EA). Where there were 10 or less farming housing units, no selection was required and all available housing units were studied.

Out of the 18,550 export crop farming housing units expected to be covered, 16,310 were canvassed.

Deviations from Sample Design

Response Rate

On national basis, 100 percent response rate was acheived at LGA level and 96.61 percent at EA level while 87.92 percent was acheived at export crop farming housing units level.

Weighting

The variable (rf) raising factor is computed and attached to the data file.

The formula adopted in calculating the design weights for the survey data (sample results) were as follows:
(i) The probability of selecting an EA within a state was obtained by dividing the total number of EAs sampled in a state by total number of EAs in that particular state. Let this be represented by fj. That is,
fj = Total Number of EAs sampled in a state / Total Number of EAs in that particular state

(ii) Likewise, the probability of selecting an housing unit (HU) within an EA was obtained by dividing the total number of housing units selected in an EA by the total number of housing units (HUs) listed in that particular EA. Let this be represented by fk. That is,
fk = Total Number of HUs selected in an EA / Total Number of HUs listed in that particular EA

Mathematically,
Design weight = (Total number of EAs in a state / Total number of EAs sampled in that particular state) X (Total Number of HUs listed in an EA / Total Number of HUs selected in that particular EA)

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	**End**	**Cycle**
2006-09-05	2006-09-25	20 days

Time Periods

Start	**End**	**Cycle**
2006-09-05		20 days

Data Collection Mode

Face-to-face paper [f2f]

Data Collectors

Name	Abbreviation	Affiliation
Field services and methodology department	FSM	National Bureau of Statistics (NBS)

Data Processing

Data Editing

The completed questionnaires were collated and edited manually
(a) Office editing and coding were done by the editor using visual control of the questionnaire before data entry
(b) Imps was used to design the data entry template provided as external resource
(c) Six operator plus two supervisors and two progammers were used
(d) Six machines were used for data entry
(e) After data entry, supervisor ran frequencies on each section to see that all the questionnaire was entered
(f) Conversion program was written to convert the data to spss also provided as external resource

Data Appraisal

Estimates of Sampling Error