Nigeria - National Agricultural Sample Census Pilot (Private Farmer) Fishery-2007

National Bureau of Statistics

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Identification

SURVEY ID NUMBER
NGA_2007_NASC-FISH-R4_v01_EN_M_v01_A_ESS

TITLE
National Agricultural Sample Census Pilot (Private Farmer) Fishery-2007

COUNTRY

Name	Country code
Nigeria	NGA

STUDY TYPE
Agricultural Census [ag/census]

ABSTRACT
The programme for the World Census of Agriculture 2000 is the eighth in the series for promoting a global approach to agricultural census taking. The first and second programmes were sponsored by the International Institute for Agriculture (IITA) in 1930 and 1940. Subsequent ones up to 1990 were promoted by the Food and Agriculture Organization of the United Nations(FAO). FAO recommends that each country should conduct at least one agricultural census in each census programme decade and its programme for the World Census of Agriculture 2000 for instance corresponds to agricultural census to be undertaken during the decade 1996 to 2005. Many countries do not have sufficient resources for conducting an agricultural census. It therefore became an acceptable practice since 1960 to conduct agricultural census on sample basis for those countries lacking the resources required for a complete enumeration.

In Nigeria's case, a combination of complete enumeration and sample enumeration is adopted whereby the rural (peasant) holdings are covered on sample basis while the modern holdings are covered on complete enumeration. The project named "National Agricultural Sample Census" derives from this practice. Nigeria through the National Agricultural Sample Census (NASC) participated in the 1970's, 1980's, 1990's programmes of the World Census of Agriculture. Nigeria failed to conduct the Agricultural Census in 2003/2004 because of lack of funding. The NBS regular annual agriculture surveys since 1996 had been epileptic and many years of backlog of data set are still unprocessed. The baseline agricultural data is yet to be updated while the annual regular surveys suffered set back. There is an urgent need by the governments (Federal, State, LGA), sector agencies, FAO and other International Organizations to come together to undertake the agricultural census exercise which is long overdue. The conduct of 2006/2008 National Agricultural Sample Census Survey is now on course with the pilot exercise carried out in the third quarter of 2007.

The National Agricultural Sample Census (NASC) 2006/08 is imperative to the strengthening of the weak agricultural data in Nigeria. The project is phased into three sub-projects for ease of implementation; the Pilot Survey, Modern Agricultural Holding and the Main Census. It commenced in the third quarter of 2006 and to terminate in the first quarter of 2008. The pilot survey was implemented collaboratively by National Bureau of Statistics.

The main objective of the pilot survey was to test the adequacy of the survey instruments, equipments and administration of questionnaires, data processing arrangement and report writing. The pilot survey conducted in July 2007 covered the two NBS survey system-the National Integrated Survey of Households (NISH) and National Integrated Survey of Establishment (NISE). The survey instruments were designed to be applied using the two survey systems while the use of Geographic Positioning System (GPS) was introduced as additional new tool for implementing the project.

The Stakeholders workshop held at Kaduna on 21st-23rd May 2007 was one of the initial bench marks for the take off of the pilot survey. The pilot survey implementation started with the first level training (training of trainers) at the NBS headquarters between 13th - 15th June 2007. The second level training for all levels of field personnels was implemented at headquarters of the twelve (12) concerned states between 2nd - 6th July 2007. The field work of the pilot survey commenced on the 9th July and ended on the 13th of July 07. The IMPS and SPSS were the statistical packages used to develop the data entry programme.

KIND OF DATA
Census/enumeration data [cen]

UNIT OF ANALYSIS
Household based of fish farmers

Scope

NOTES
The scope covered in this pilot exercise included;
- Type of fishing activity
- Fish Production and sales
- Fishing input by type
- Employment by gender
- Sources of Funds
- Pond capacity
- Preservation methods

Coverage

GEOGRAPHIC COVERAGE
State

UNIVERSE
The survey covered all de jure household members (usual residents), who were into fish production

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
National Bureau of Statistics	Federal Government of Nigeria

PRODUCERS

Name	Affiliation	Role
Federal Ministry of Agriculture and Rural Development	Federal Government of Nigeria	Collaboration

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Federal Government of Nigeria	FGN	Funding
European Union	EU	Funding
Food and Agriculture Organization	FAO	Funding
United Nations Development Programme	UNDP	Funding
United States Department of Agriculture	USDA	Funding
United Nations Children's Fund	UNICEF	Funding
World Bank	WB	Funding

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
Department of Agriculture	Nigerian Universities	Technical support
Farmers Associations	Nigerian Farmers	Technical support

Sampling

SAMPLING PROCEDURE
The survey was carried out in 12 states falling under 6 geo-political zones.
2 states were covered in each geo-political zone.
2 local government areas per selected state were studied.
2 Rural enumeration areas per local government area were covered and
3 Fishing farming housing units were systematically selected and canvassed .

DEVIATIONS FROM THE SAMPLE DESIGN
There was deviations from the original sample design

RESPONSE RATE
Both Enumeration Area (EA) and Fish holders' level Response Rate was 100 per cent.

WEIGHTING
This survey is pilot so we did not attach weight to the data set

Data Collection

DATES OF DATA COLLECTION

Start	End	Cycle
2007-07-09	2007-07-13	5 days

DATA COLLECTION MODE
Face-to-face [f2f]

DATA COLLECTION NOTES
Four Enumeration areas were canvassed in each state for data collection. The period of data collection was for five days by four teams made of two enumerators and one supervisor per team. Eight enumerators and four supervisors will do the work in each state selected. Data to be canvassed are household data namely listing, holding questionnaires, (crop, livestock/poultry and fisheries). The objective measurement of the farm using the Global Positioning System was also done. Also the use of our traditional survey forms FS1, FS2 and YCE was also carried out. This was the National Integrated Survey of Household aspect of the survey.

DATA COLLECTORS

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

Questionnaires

QUESTIONNAIRES
The NASC fishery questionnaire was divided into the following sections:
- Holding identification: This is to identify the holder through HU serial number, HH serial number, and demographic characteristics.
- Type of fishing sites used by holder.
- Sources and quantities of fishing inputs.
- Quantity of aquatic production by type.
- Quantity sold and value of sale of aquatic products.
- Funds committed to fishing by source and others

Data Processing

DATA EDITING
The data processing and analysis plan involved five main stages: training of data processing staff; manual editing and coding; development of data entry programme; data entry and editing and tabulation. Census and Surveys Processing System (CSPro) software were used for data entry, Statistical Package for Social Sciences (SPSS) and CSPro for editing and a combination of SPSS, Statistical Analysis Software (SAS) and EXCEL for table generation. The subject-matter specialists and computer personnel from the NBS and CBN implemented the data processing work. Tabulation Plans were equally developed by these officers for their areas and topics covered in the three-survey system used for the exercise.
The data editing is in 2 phases namely manual editing before the data entry were done. This involved using editors at the various zones to manually edit and ensure consistency in the information on the questionnaire. The second editing is the computer editing, this is the cleaning of the already enterd data.
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) Cspro was used to design the data entry template provided as external resource
(c) Ten operator plus two suppervissor and two progammer were used
(d) Ten machines were used for data entry
(e) After data entry data entry supervisor runs fequency on each section to see that all the questionnaire were enterd

Data Appraisal

ESTIMATES OF SAMPLING ERROR
No computation of sampling error

DATA APPRAISAL
The Quality Control measures were carried out during the survey, essentially to ensure quality of data

Access policy

CONTACTS

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CONFIDENTIALITY
The confidentiality of the individual respondent is protected by law (Statistical Act 2007). This is published in the Official Gazette of the Federal republic of Nigeria No. 60 vol. 94 of 11th June 2007. See section 26 para.2. Punitive measures for breeches of confidentiality are outlined in section 28 of the same Act.

ACCESS CONDITIONS
A comprehensive data access policy is been developed by NBS, however section 27 of the Statistical Act 2007 outlines the data access obligation of data producers which includes the realease of properly anonymized micro data.

CITATION REQUIREMENTS
National Bureau of Statistics, Nigeria, National Agricultural Sample Cencuse Pilot (Private Farmer) Fisheries 2007-v1.0

ACCESS AUTHORITY

Name	Affiliation	Email	URL

National Bureau of Statistics	FGN	feedback@nigerianstat.gov.ng	[Link](#)

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Metadata production

DDI DOCUMENT ID

DDI-NGA_2007_NASC-FISH-R4_v01_EN_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
National Bureau of Statistics	NBS	FGN	Data Producer
Statistics Division	ESS	Food and Agriculture Organization	Metadata adapted for FAM

DDI DOCUMENT VERSION

NGA_2007_NASC-FISH-R4_v01_EN_M_v01_A_ESS_v01

Data Dictionary

Data file	Cases	Variables
Fixed assets Data on fixed assts	94	14
Current assets acquired Data on Current assets acquired	70	12
Type Aquatic production Data on type of acquatic production	76	14
Quantities and value of aquatic products sold Data on value of quantity and value of acquatic product sold	50	14
Value of Aquatic Products Sold Data on value of aquactic products sold	44	14
Type of Fish Pond Data on type of fish ponds	26	10
Sources of Fishing Inputs Data on soures of fishing inputs	14	14
Quantities of Fishing Inputs Data on quantities of fish inputs	10	13
Fish Production Data on quantity of Fish sold	7	13
Quantity of Fishes sold in qrts Data on value of sales	5	13
Value of sales in qrts Data on Fixed assets	5	13
Fixed Assets by type Data on current assets	8	14
Current asset by type Data on Fund capacity	14	12
Pond capacity by type of pond Data on Funds committed to fish production	6	11
Funds Committed Data on Employment in Fish production	42	10
Employment in Fishery Data on Processing Facilities	90	23
Processing Facilities Data on Storage Facilities	17	12
Storage Facilities Data on Fish production	9	12
Market Channel Data on Market channels	125	10
Export Produce Data on exportation of Fish	15	12
Fishing Seasson Data on what future fishing seasons	104	13
Expectation for Fishing Data on Expectation for future fish production	108	13

Production Problem Data on Peoduction Problems	105	10
Processing Problem Data on processing problems	79	10
Storage Problem Data on Storage Facilities	105	10
Marketing Problem Data on Markeing Problems	79	10
Suggestions Data on suggestion to improvement on Fish production	250	10
Purchasing Problem Data on Purchasing problems	167	10
Type of water bodies Data on types of water body	198	10
Own Ict Data on ownership of Information and Communication Technology	196	10
Access to Ict Data on access to Iuformation and Communication Technology	195	10