

# National Bureau of Statistics

**the custodian of official statistics**

**in Nigeria**



National Bureau of Statistics



# Historical Development

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- The National Bureau of Statistics (NBS) has a humble beginning, starting in 1928 as a Statistics Unit in the Office of the Colonial Secretary in the Cabinet Secretariat of the British Colonial Administration.
- In 1947 following a focused reorganization, a Statistics Section was established in the Department of Customs & Excise. This section was later upgraded to become a full fledged Department of Statistics. .



## History Contd.

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- In 1949, the Department's responsibilities were expanded, transforming it into the nucleus of a centralized National Statistics Office for the country. 8 years later, the enactment of the Statistics Act of 1957 provided a legal framework for statistics operations in Nigeria.
- Though the Act gave backing to a decentralized statistical system, it also advocated collaboration between the Central and Regional statistics offices.



## History Contd.

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- With the adoption of the Federal System of Government in Nigeria in 1958, the Central and 3 Regional Governments had their statistical establishments incorporated into a decentralized National Statistical System (NSS).
- At Independence, in 1960, the Department of Statistics was moved from the Customs & Excise to, 1st , the Ministry of Finance, then later to the Federal Ministry of Economic Development, at which time its name was changed to the Federal Office of Statistics (FOS).



## History Contd.....

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- In the 1970s and 1980s, further reorganization led to the Central Bank of Nigeria taking on the collection of Financial statistics, while the National Population Commission (NPC) had the responsibility for population statistics (including the conducting of population and housing censuses, and collection of vital statistics, like birth and death registrations and migration statistics).
- The NPC was also responsible for conducting demographic and health surveys.



## History Contd.

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- In 1989, a wholly-computerized data-management agency was established. It was named the National Data Bank (NDB). This new agency, as a data warehouse, was designed to hold time-series data dating back to 1914, when Nigeria was created.
- FOS and NDB maintained a complex and overlapping relationship with the other members of the National Statistical System, a situation, which, coupled with the abolishment of the common statistical system, adversely affected the ability of the Federal Office of Statistics to meet its mandate.



# Transforming from FOS plus NDB to NBS

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- This state of affairs needed a change, and the change came in the recommendation in the Statistics Master Plan that the 1957 Statistics Act be repealed, and a Bill proposed to establish a new statistical agency for a coordinated National Statistical System.
- Another recommendation was the merger of the Federal Office of Statistics and the National Data Bank which were transformed to the National Bureau of Statistics (NBS).
- The merger was meant to give the new agency, the National Bureau of Statistics, a national outlook as the apex statistical agency for the 3 tiers of government.



## Transforming .....

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- It was also expected to coordinate statistical operations of the National Statistical System in the production of official statistics in all Federal Ministries, Departments and Agencies (MDAs), State Statistical Agencies (SSAs) and Local Government Councils (LGCs).
- The transformation also involved the institutional restructuring of NBS, the strengthening of the relationship between NBS and other data producers and users in public, private and international organisations



# Statistical Bill

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- The transformation was consolidated by enacting the Statistical Act of 2007
- The Act empowers the Bureau to operate independent of the Federal Civil Service by having its own :
  - Board
  - Condition of service
  - Scheme of service and salary structure
  - Maintain a common Statistical Service for all professionals in Federal MDAs
  - Coordinate statistical operations in all data producing agencies and assure that they adopt methodologies consistent with the UN Fundamental Principle of Official Statistics.
  - Produce unbiased Statistics for use in government, by international organisation, in universities. Research organisation, the media, the private sector organisation and by individuals



## The Vision of NBS

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is to become one of the foremost and modern  
knowledge-based National Statistical Offices in  
Africa and indeed the world



## The Mission of NBS

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is to generate, on a continuous and sustainable basis, socio-economic statistics on all facets of development in Nigeria



## The Focus of NBS

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is to promote statistics as a tool for  
development planning and evidence-based  
policy making



## The Broad Objectives of NBS

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The Bureau is the main national agency responsible for the production and management of official statistics. It is the authoritative source and custodian of official statistics in the country.



# Impact of NBS

The impact of NBS on the Statistical Community had been significant both locally and internationally

- Major Statistical users in Government, particularly, the CBN, NPC and FMF collaborate with NBS in the production of statistics and use NBS Statistics in their official duties
- The international community represented by Agencies like the World Bank, DFID, UNICEF, UNDP, EU, FAO to mention only few rely on NBS for socio-economic statistics in Nigeria
- In 2007 World Bank ratings of countries in Africa Statistics League, Nigeria was identified as one of the four “movers and shakers” moving from a position of 36 from a league of 52 African countries to 19 between 2006 and 2007



# Statistical Operations at Sub- national level

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- Most statistical operations, from survey planning to data processing, used to take place mostly in the Headquarters.
- Now, however, zonal and state offices are being upgraded to perform more statistical operations.
- This is made possible because each zone now has an operational computer room with a 10 user Local Area Network (LAN), and power support from a 40 KVA generator. The computerization of State offices will start in 2008.



# Impact of NBS Contd.

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- The Development partners in Nigeria are now better sensitized about the Bureau, and this has led to more financial and technical support from the:
  - World Bank,
  - DFID,
  - EU
  - UNDP
  - AfDP
  - UNICEF
  - others



# The Support has enabled NBS.....

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- Eliminate 10 years of data gap
- Create a conducive environment for statistical Activities at its headquarters, zonal and state offices;
- Improve the coordination of Statistical operations through regular consultations and interactions with Federal MDAs, and State Statistical Agencies;
- Massive deployment of ICT tools on data collection, processing, management, dissemination and analysis;
- Generation of timely economic and social statistics at household and sector levels as well as at regional levels i.e. Ward, LGA, State, Zonal and Constituency levels
- Engage in continuous Capacity Building initiatives particularly training, workshops, seminars and International study tours



# NBS Training School

- The facilities in the NBS Training Schools in Ibadan, Enugu and Kaduna are presently being refurbished and upgraded.
- In addition, a new curriculum is being designed for the schools so as to enable the National Board for Technical Education accredit the schools certificates and increase its appeal to students outside NBS.
- Lecturing in French will be introduced soon to increase the appeal of the schools to students from neighboring francophone countries.



# Technology

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- Technology has been identified as the major tool for improving statistical operations in the Bureau.
- Scannable questionnaires are now being used for most of the surveys because they significantly reduce processing errors and, very importantly, lead to quick production of results.
- Furthermore, GPS technology and hand held device is now being introduced in the collection of Agricultural and market-related field data, such as retail prices.



# Areas of ICT Application in NBS

- Census and Survey Planning
- Data Collection
- Data Processing and Table Generation
- Data Management
- Data Dissemination
- Data Analysis
- Networking and exchange
- Conferencing (Video and Multimedia)
- Documentation and Archiving
- Finance and Admin System



# Census and Survey Planning

- Use of digital (imagery and sketch) EA maps for:
  - Scientific EA sample selection
  - Monitoring of Enumerator
  - Data validation and spot checking



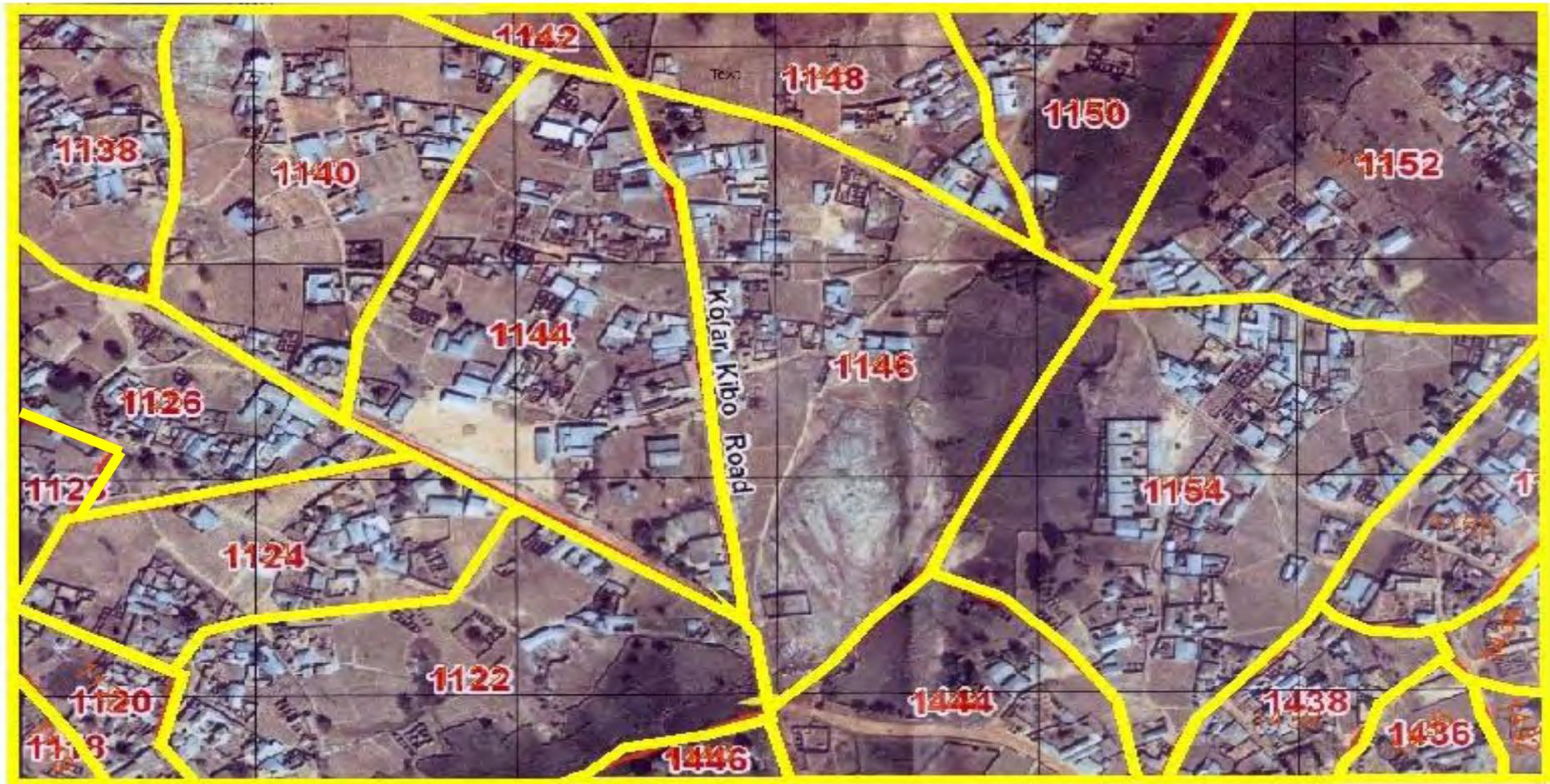
# Planning



# Example of State by LGA

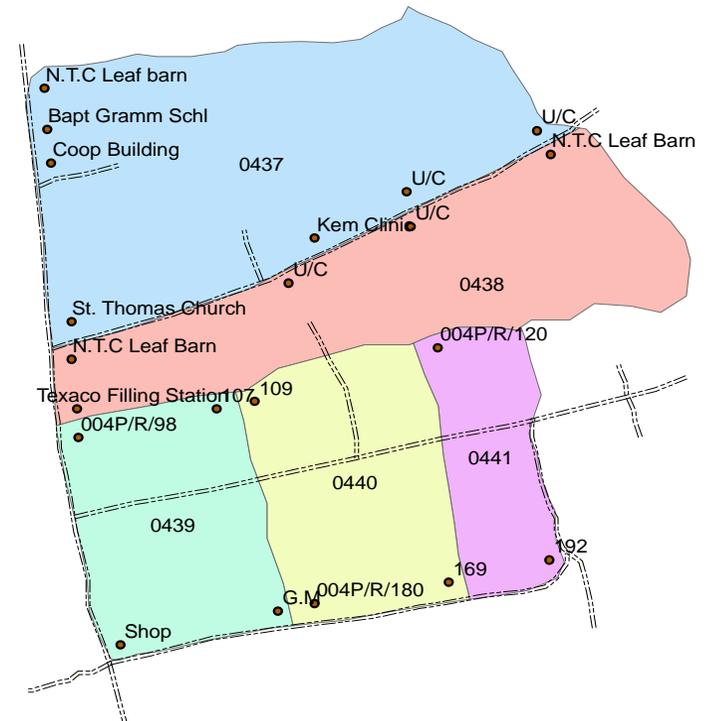
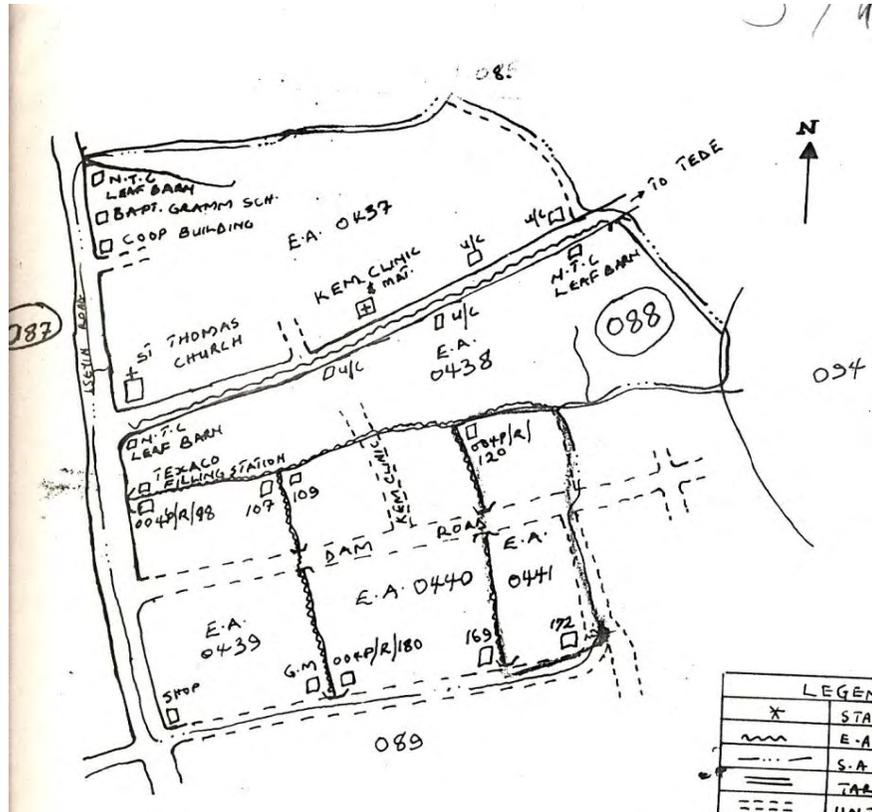


# LGA: EA Imagery converted to Digital map



# Planning

- Conversion from Sketch EA map to Digital EA map



# Establishment List

by

State and Local Government  
in Nigeria



**NATIONAL BUREAU OF STATISTICS,**

Plot 762, Independence Avenue, CBD, ABUJA,

<http://www.nigerianstat.gov.ng>

|           |             |         |           |         |
|-----------|-------------|---------|-----------|---------|
| Abia      | Cross River | Imo     | Lagos     |         |
| Adamawa   | Delta       | Jigawa  | Nassarawa | Rivers  |
| Akwa Ibom | Ebonyi      | Kaduna  | Niger     | Sokoto  |
| Anambra   | Edo         | Kano    | Ogun      | Taraba  |
| Bauchi    | Ekiti       | Katsina | Ondo      | Yobe    |
| Bayelsa   | Enugu       | Kebbi   | Osun      | Zamfara |
| Benue     | FCT         | Kogi    | Oyo       |         |
| Borno     | Gombe       | Kwara   | Plateau   |         |



# Establishment Information by State

Establishment Information Capturing Screen

**Establishment Information**

Establishment Number: 1108Error

Name of Establishment: ALEX ALUMINIUM

Location: 101 FAULKS ROAD

State: 11 EBONYI

Geo-Political Zone: South East Zone

Kind of Activity: 0122 Other

Product: 0115 Barley

Year of Establishment: 1982

Economic Sector: 1 WHOLESALE

Government Owned:

Inactive:

**States of the Federation**

| StateCode | StateName  | SZoi |
|-----------|------------|------|
| 01        | ABIA       | SEZ  |
| 02        | ADAMAWA    | NEZ  |
| 03        | AKWA IBOM  | SSZ  |
| 04        | ANAMBRA    | SEZ  |
| 05        | BAUCHI     | NEZ  |
| 06        | BAYELSA    | SSZ  |
| 07        | BENUE      | NCZ  |
| 08        | BORNO      | NEZ  |
| 09        | CROS RIVER | SSZ  |
| 10        | DELTA      | SSZ  |
| 11        | EBONYI     | SEZ  |
| 12        | EDO        | SSZ  |
| 13        | EKITI      | SWZ  |
| 14        | ENUGU      | SEZ  |
| 15        | FCT        | NCZ  |

Filter

Filtering Column: 1 Filter Refresh

Filter Text:

Sort

Sort Column:  Ascending  Descending

Sort



# Data Collection

|            |                                |  |
|------------|--------------------------------|--|
| Micro data | Census & Survey                | GPS & Handheld Computer                          |
| Macro data | MDAs Administrative Statistics | Automated Sector and State Statistical databases |



Germin Etrex GPS

Agric Census



HP iPaq handheld

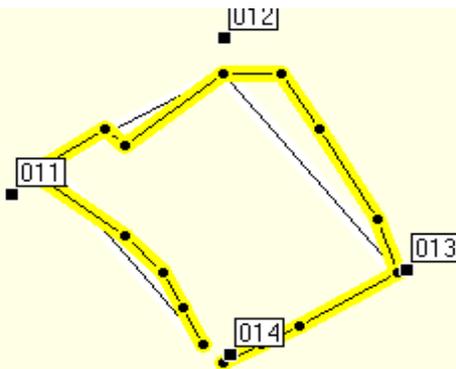
Price Statistics



National Bureau of Statistics



# Data Collection Using GPS/Hand Held Device : Agric Survey



**Track Properties** ✕

Name:  OK

Cancel

Track Points:  Center map on selected item(s)

| Index | Time                 | Altitude | Leg Length | Leg Time | Leg Speed | Leg Course | Position           |
|-------|----------------------|----------|------------|----------|-----------|------------|--------------------|
| 1     | 8/25/2006 1:18:42 PM | 184 m    | 35 ft      | 00:01:20 | 0.30 mph  | 63° true   | 31 N 601108 819251 |
| 2     | 8/25/2006 1:20:02 PM | 201 m    | 17 ft      | 00:00:18 | 0.66 mph  | 334° true  | 31 N 601117 819256 |
| 3     | 8/25/2006 1:20:20 PM | 207 m    | 17 ft      | 00:00:09 | 1.3 mph   | 334° true  | 31 N 601115 819261 |
| 4     | 8/25/2006 1:20:29 PM | 208 m    | 22 ft      | 00:00:06 | 2.5 mph   | 315° true  | 31 N 601113 819265 |
| 5     | 8/25/2006 1:20:35 PM | 209 m    | 39 ft      | 00:00:15 | 1.8 mph   | 307° true  | 31 N 601108 819270 |
| 6     | 8/25/2006 1:20:50 PM | 211 m    | 8 ft       | 00:00:04 | 1.3 mph   | 0° true    | 31 N 601098 819277 |
| 7     | 8/25/2006 1:20:54 PM | 212 m    | 28 ft      | 00:00:07 | 2.7 mph   | 56° true   | 31 N 601098 819280 |
| 8     | 8/25/2006 1:21:01 PM | 212 m    | 11 ft      | 00:00:02 | 3.8 mph   | 135° true  | 31 N 601106 819284 |
| 9     | 8/25/2006 1:21:03 PM | 212 m    | 50 ft      | 00:00:15 | 2.3 mph   | 51° true   | 31 N 601108 819282 |
| 10    | 8/25/2006 1:21:18 PM | 213 m    | 23 ft      | 00:00:13 | 1.2 mph   | 90° true   | 31 N 601120 819291 |
| 11    | 8/25/2006 1:21:31 PM | 214 m    | 28 ft      | 00:00:18 | 1.1 mph   | 147° true  | 31 N 601127 819291 |
| 12    | 8/25/2006 1:21:49 PM | 214 m    | 46 ft      | 00:00:19 | 1.6 mph   | 149° true  | 31 N 601132 819284 |
| 13    | 8/25/2006 1:22:08 PM | 214 m    | 25 ft      | 00:00:13 | 1.3 mph   | 162° true  | 31 N 601139 819273 |
| 14    | 8/25/2006 1:22:21 PM | 215 m    | 45 ft      | 00:00:19 | 1.6 mph   | 239° true  | 31 N 601141 819265 |
| 15    | 8/25/2006 1:22:40 PM | 216 m    | 17 ft      | 00:00:03 | 4.0 mph   | 243° true  | 31 N 601129 819258 |
| 16    | 8/25/2006 1:22:43 PM | 216 m    | 17 ft      | 00:00:21 | 0.57 mph  | 243° true  | 31 N 601125 819256 |
| 17    | 8/25/2006 1:23:04 PM | 214 m    |            |          |           |            | 31 N 601120 819253 |

<end>

Track Statistics:

| Points | Length | Area     | Elapsed Time | Avg. Speed |
|--------|--------|----------|--------------|------------|
| 17     | 430 ft | 0.092 ha | 00:04:22     | 1.1 mph    |

Link  
File/URL:  Browse...

Invert  
Filter...  
Show Profile...  
Show On Map



# MDAs Data Management Collaboration:

## Automated Sector and State Statistical Databases

- NBS has developed a compendium of statistical terms, concepts and definitions for harmonizing statistical production in all MDAs.
- NBS has also developed a Template to capture administrative data in all states of the federation for the production of National, Zonal and State Statistical Yearbooks (NSYB, ZSYB and SSYB).



# MDAs On-line Data Capture Template

The screenshot shows a Microsoft Excel window titled "Microsoft Excel - NBS\_MASTER\_ALPHA.xls". The background spreadsheet has columns labeled "S/No" and "DIVISION". Overlaid on the spreadsheet is a form titled "NATIONAL BUREAU OF STATISTICS (Data Capture Form)" for the "Federal Ministry of Education (FME)".

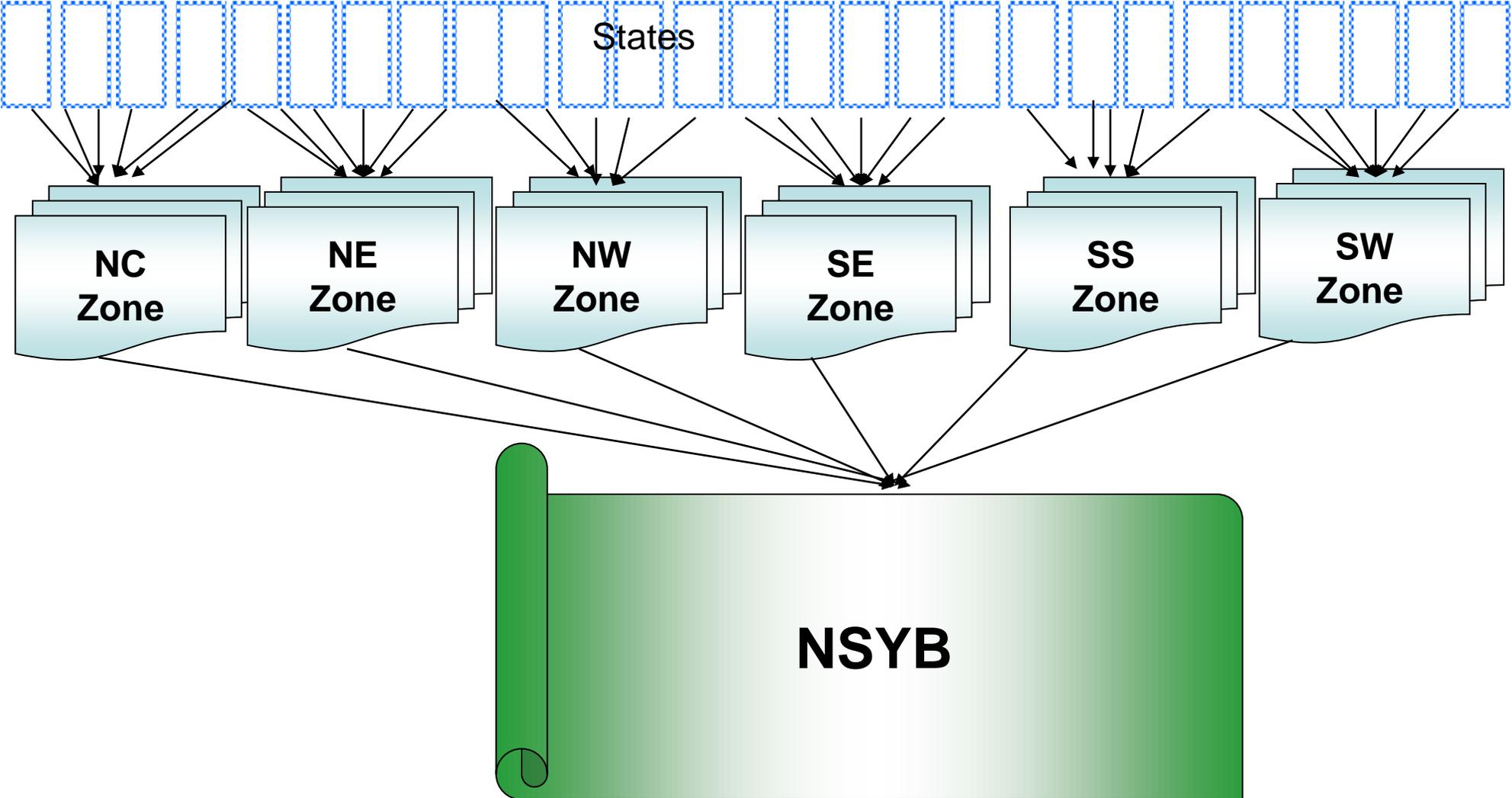
The form contains the following sections:

- Category:** A list box with "Education" selected.
- Division:** A list box with "EDUCATION" selected.
- Item:** A list box with "ACADEMIC STAFF BY GRADE AND SEX IN NIGERIAN UNIVERSITIES" selected.
- Detail:** A list box with "FEMALE LECTURER AND RESEARCH FELLOWS" selected.
- Period:** Fields for "Period Type" (Month) and "Year" (1960).
- Choose Month:** A dropdown menu showing "January".
- Location:** Fields for "Location Type" (Country) and "Choose Country" (NIGERIA).
- Input Field:** A text box containing "--Value goes here--".
- Write to Sheet:** A button to save the data.

Instructions on the right side of the form state: "Select the Category for which you want to work on its divisions." and "Choose an item each from the Division, Item and Detail lists on the left. Specify a time period and location then fill in the value of the selected detail. To ADD the value to the Master excel sheet, click the 'Write to Sheet' button. Enjoy!"



# National Statistical Year Book Template



# Data Capturing Template for state data

Microsoft Excel - KADTAB13.XLS

File Edit View Insert Format Tools Data Window Help Adobe PDF

Type a question for help

Go D:\INSYB\INSYB2007\NWZone-DBS\KAD\_SBS\SBS\KAD\_DB5\KADTAE

B4 2001

**Table 13**

**NUMBER OF REGISTERED BIRTH BY SEX AND LGA, 2001 - 2006**

| LGA                                    | 2001     |          |          | 2002     |          |          | 2003     |          |          | 2004     |          |          | 2005     |          |          | 2006     |          |          |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | MALE     | FEMALE   | TOTAL    |
| Birnin-Gwari                           |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Chukun                                 |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Doka/Kawo                              |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Giwa                                   |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Gwagwada                               |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Igabi                                  |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Ikara                                  |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Jaba                                   |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Jema'a                                 |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Kachia                                 |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Kagarko                                |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Kaura                                  |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Kauru                                  |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Kubau                                  |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Kudan                                  |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Lere                                   |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Makarfi                                |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Sabon-Gari                             |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Sanga                                  |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Soba                                   |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Tudun Wada/Makera                      |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Zangon Kataf                           |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| Zaria                                  |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |          |          | 0        |
| <b>KADUNA STATE</b>                    | <b>0</b> |
| Source: National Population Commission |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |

BIRTH REGISTRATON/

Ready

Sum=12021 NUM

start Yahoo! Messenger 5B5 KAD TABLE OF CON... KADTAB41.XLS KADTAB13.XLS Microsoft PowerPol... 9:07 AM



# Data Collection at Ward Level

## COMPILATION OF SOCIO -ECONOMIC CHARACTERISTICS OF POLITICAL WARDS IN NIGERIA

Zone: North - Central

State: Federal Capital Territory

LGA: MUNICIPAL

| Serial Number | Ward Name   | Social Utility/ Facilities |     |     |             |     |       |     |                |      |      |        | Social Services    |      |                                   |                      | Economic Activity   |                   | Type of Agricultural Community |          |                                       |         |           |         |      |      |
|---------------|-------------|----------------------------|-----|-----|-------------|-----|-------|-----|----------------|------|------|--------|--------------------|------|-----------------------------------|----------------------|---------------------|-------------------|--------------------------------|----------|---------------------------------------|---------|-----------|---------|------|------|
|               |             | Water                      | ICT |     | Electricity |     | Roads |     | Transportation |      |      | Market | Public Convenience |      | Health facility/ Hospital/ Clinic | Police Station/ Post | Hotel / Guest Homes | Primary School(s) | Public Recreation Centre       | Bank (s) | Industrial Establishments within ward | Farming | Livestock | Fishing |      |      |
| (1)           | (2)         | (3)                        | (4) | (5) | (6)         | (7) | (8)   | (9) | (10)           | (11) | (12) | (13)   | (14)               | (15) |                                   |                      |                     |                   |                                |          |                                       |         |           |         | (16) | (17) |
| 01            | CITY CENTER |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 02            | GARKI       |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 03            | KABUSA      |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 04            | WUSE        |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 05            | GWARINPA    |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 06            | JIWA        |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 07            | GUI         |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 08            | KARSHI      |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 09            | OROZO       |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 10            | KARU        |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 11            | NYANYA      |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |
| 12            | GWAGWA      |                            |     |     |             |     |       |     |                |      |      |        |                    |      |                                   |                      |                     |                   |                                |          |                                       |         |           |         |      |      |



# Data Processing: Conversion of Analogue Questionnaire to Digital

## HOUSEHOLD LISTING

| NBS NO<br>1 | Address of Building<br>2 | USE OF HU<br>3 | SIN OF RES. HU<br>4 | SIN HH<br>5 | Name of Head of Household<br>6 | If Yes in Col.7, provide information for columns up to column 97. If No, go to Column 98 |                          |                  |                  |                      |                             |    |
|-------------|--------------------------|----------------|---------------------|-------------|--------------------------------|--|--------------------------|------------------|------------------|----------------------|-----------------------------|----|
|             |                          |                |                     |             |                                | DOES ANY MEMBER OPERATE OWN CROP FARM?<br>7  |                          | SIN OF CFHU<br>8 | SIN OF CFHH<br>9 | NO. OF HOLDERS<br>10 | NO. OF FARMS OPERATED<br>11 |    |
|             |                          |                |                     |             |                                | Yes  | No                       |                  |                  |                      |                             |    |
| 1           |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 1  |
| 2           |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 2  |
| 3           |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 3  |
| 4           |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 4  |
| 5           |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 5  |
| 6           |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 6  |
| 7           |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 7  |
| 8           |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 8  |
| 9           |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 9  |
| 10          |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 10 |
| 11          |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 11 |
| 12          |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 12 |
| 13          |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 13 |
| 14          |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 14 |
| 15          |                          |                |                     |             |                                | <input type="checkbox"/>   | <input type="checkbox"/> |                  |                  |                      |                             | 15 |

COLUMN 3: 1.Residential only 2.Commercial only 3.Religious only 4.Residential/Commercial 5.Residential/Religious  
6.Institutional 7.Hotel/Restaurant 8.Vacant 9.Uncompleted 0.Others

Page 2 of 5

Mark choice boxes like this: -->    
Not like this: -->

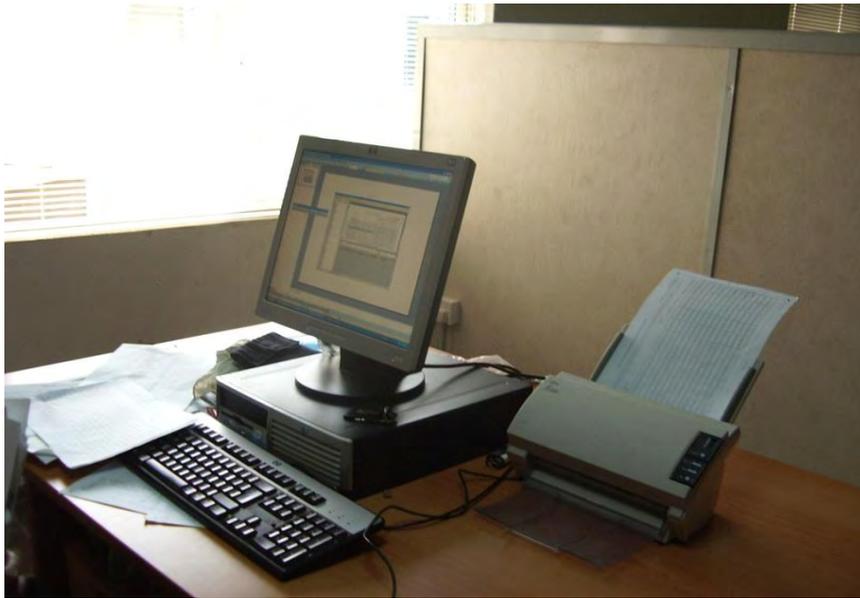
363045 6546



# Questionnaire Conversion

- Tele-Form
- PageMaker
- Corel Draw
- Adobe form Designer etc

} To compress and design in a user friendly format



National Bureau of Statistics



# Data Management

- Database for Micro data

- Household
  - Individual
- } Toolkit & DevInfo

- Database for Time Series Data

- Oracle
- MS SQL



# Data Analysis

- In addition to the use of conventional application in the analysis of data NBS is in the forefront of using Mapping and Geo-spatial technology in analysing official statistics



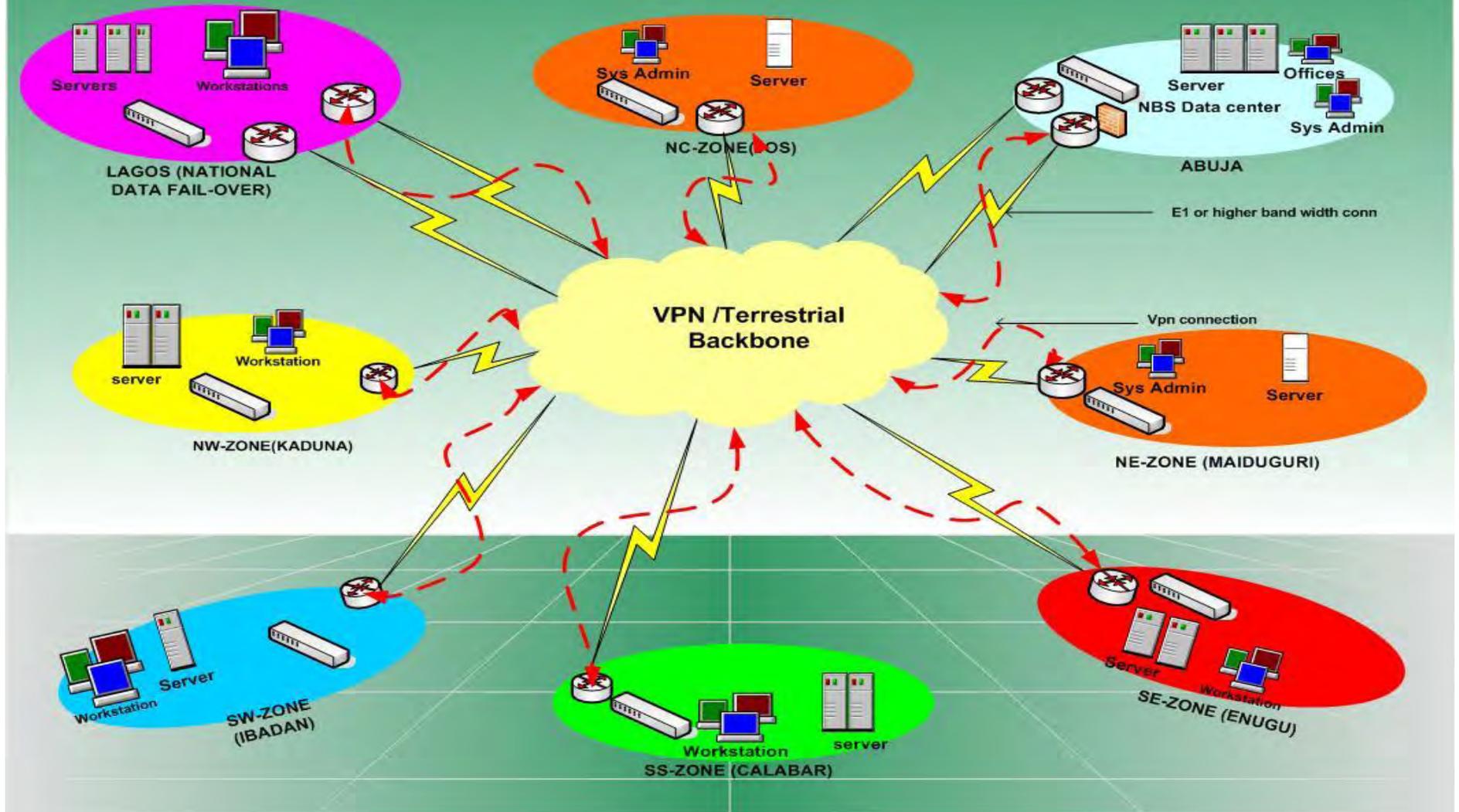
# NETWORKING

- Establish a **Local Area Network (LAN)** in the Headquarter and the Zonal Offices as well as a **Wide Area Network (WAN)** to link the Zones to Abuja.
- Through this process Data processing and exchange will then be fully on-line.
- NBS **VPN** for state SSAs
- A **Municipal Area Network (MAN)** is also planned to connect all MDAs in Abuja to NBS.
- **LAN** in each sector MDA



# National Bureau of Statistics (NBS), Nigeria: National Data Network

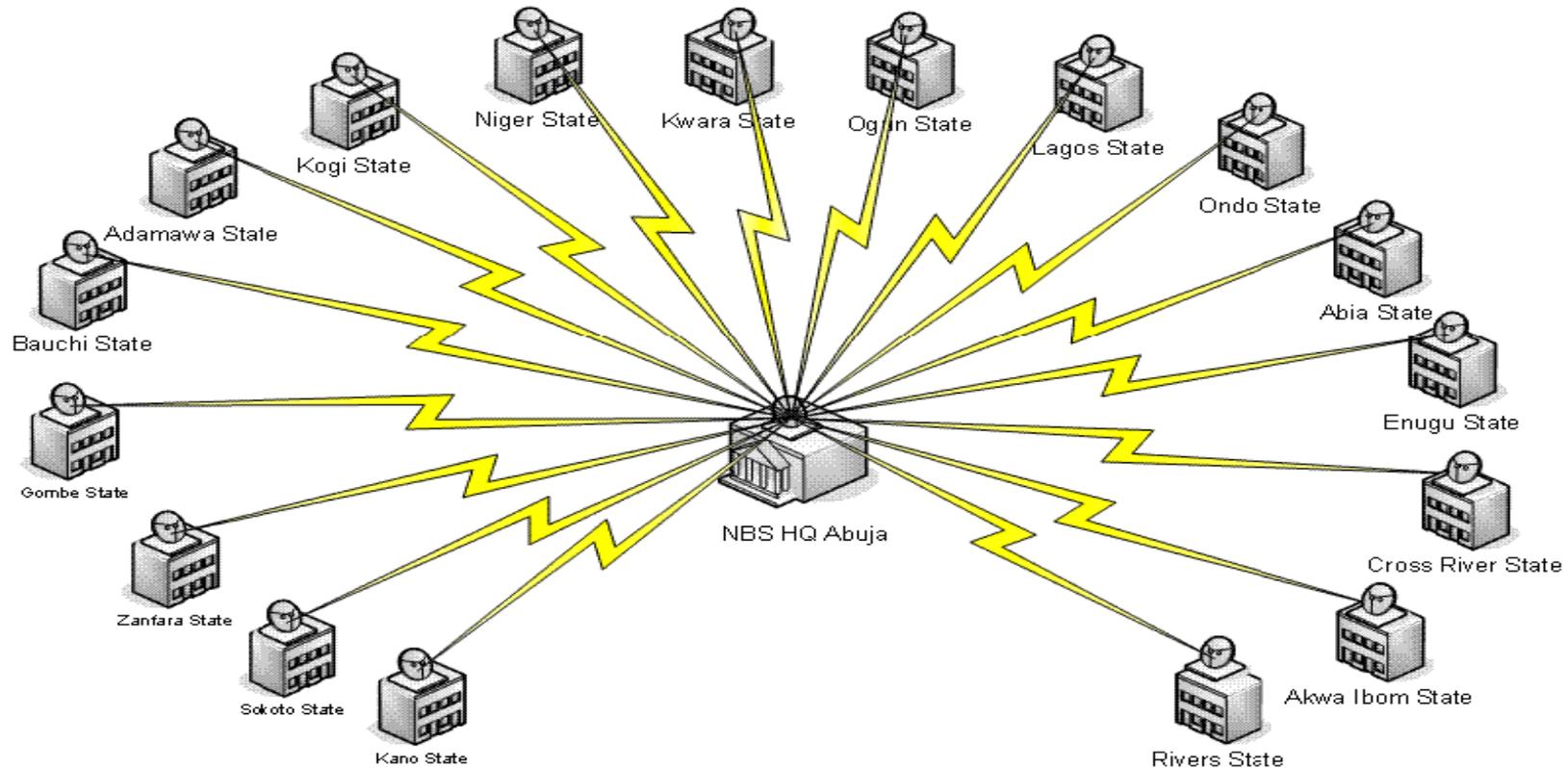
Phase 1



National Bureau of Statistics



# NBS VPN Design to connect SSAs



**NBS & State's Statistics Agencies Virtual Private Network Design (VPN)**

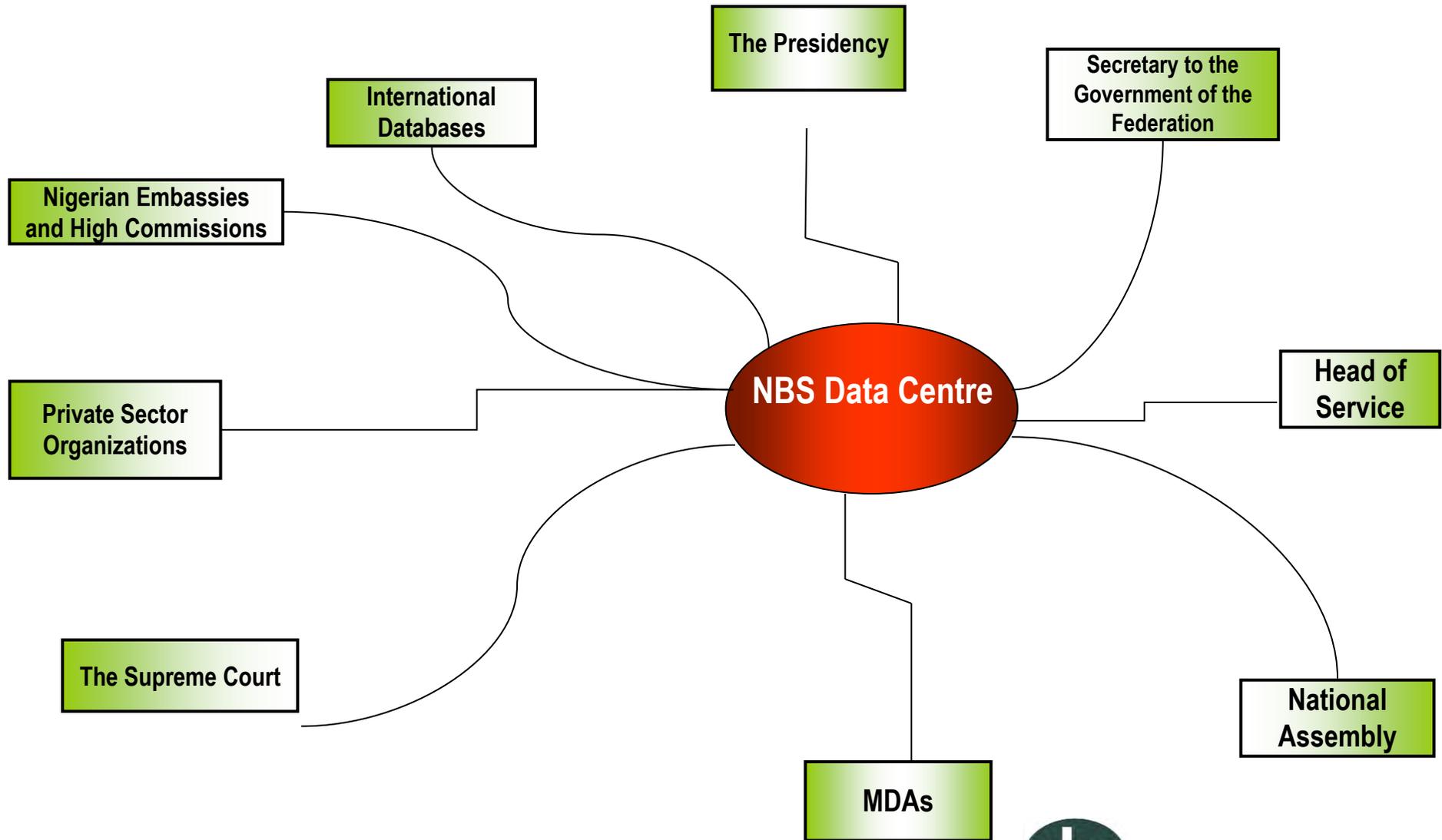
UNDP/NBS

6/4/2008

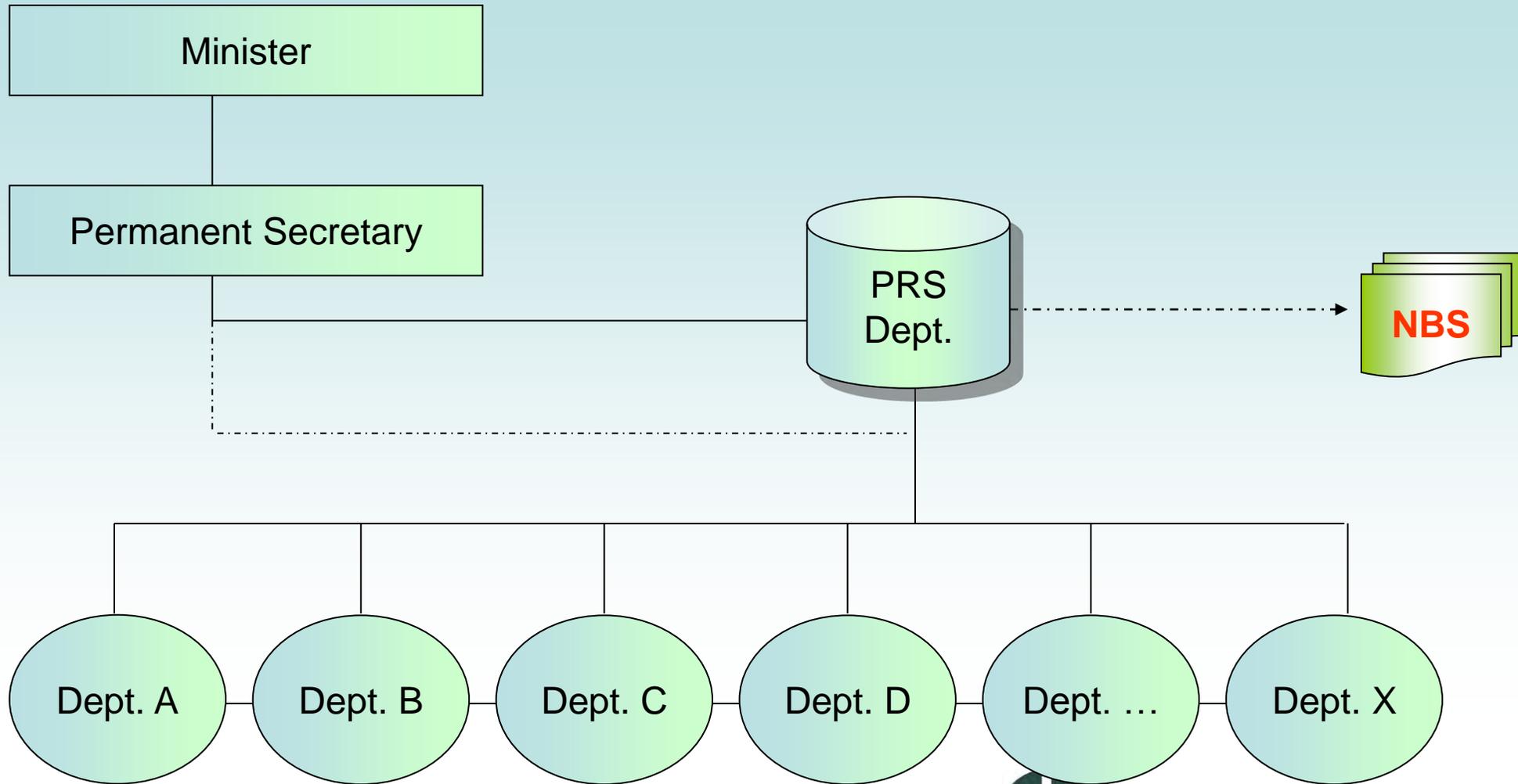
At a Glance Drawing



# MAN & Internet for MDAs Interconnectivity



# LAN within MDA



# Data Dissemination.

NBS disseminates its data through the following:

- CD, Flash Disk, Tapes and Disks.
- Intranet and Internet (NBS Portal)
- Future plan is to use Mobile Technology



Apart from tables and charts, NBS also disseminate its data in Maps



# Dissemination of Micro level data through Internet

http://www.nigerinstat.gov.ng/nls/2004/index.html - Windows Internet Explorer provided by Yahoo!

World Bank - Microdata Management Toolkit  
NIGERIA LIVING STANDARDS SURVEY (NLS)

**Data Files**

| Filename  | #Cases | #Vars |
|---|--------|-------|
| Introductory visit NSData1  | 19554  | 21    |
| Other visit NSData1   | 8346   | 59    |
| Household Roster for each person NSData1                                  | 92610  | 29    |
| General Education NSData1   | 92610  | 46    |
| Educational career NSData1  | 92610  | 15    |
| Marriage and apprenticeship NSData1                                       | 92610  | 24    |
| Health condition in the past two weeks NSData1                            | 92610  | 33    |
| Preventive health vaccination NSData1                                     | 92610  | 26    |
| Prinatal care NSData1   | 92610  | 23    |
| Fertility, prenatal care, contraceptives NSData1                          | 92610  | 39    |
| Screening questions and list of occupations in the past 12 months NSData1 | 92610  | 24    |
| Screening questions and list of occupations in the past 12 months NSData1 | 92610  | 46    |
| characteristics of main occupation NSData1                                | 92613  | 56    |
| secondary occupation in the last 12 months NSData1                        | 3918   | 41    |
| Third Occupation in the last 12 months NSData1                            | 353    | 41    |
| Fourth occupation in the last 12 months NSData1                           | 198    | 41    |
| Employment search in the last 12 months NSData1                           | 32009  | 22    |
| Employment History NSData1  | 55088  | 18    |
| Activity status and employment search in the last 7 days NSData1          | 58734  | 30    |
| Housekeeping NSData1  | 92610  | 34    |
| Migration 1 NSData1   | 92610  | 17    |

National Bureau of Statistics - CWIQ 2006 - Windows Internet Explorer provided by Yahoo!

Core Welfare Indicator Questionnaire (CWIQ) SURVEY

Welcome to documentation on  
Core Welfare Indicators Questionnaire  
National Bureau of Statistics (NBS), Nigeria

Legend  
Local Govt. Area Boundary  
State Boundary  
National Boundary

National Data Archive - Windows Internet Explorer provided by Yahoo!

The Nigeria National Data Archive (NADA)

**Data catalog**

Sort By: Title Year Primary Investigator Display All

Search: [ ] in Study Description  
AND [ ] in Variable Description

Found 7 dataset(s) out of 7 Showing Page 1 of 1 (1-5 of 5)

- African Peer Review Mechanism Survey 2006**  
Primary Investigator: National Bureau of Statistics  
Reference No: NGR-NBS-APRM-2006-01
- Multiple Indicator Cluster Survey 3 (2006), Nigeria**  
Primary Investigator: National Bureau of Statistics [nbs], Federal Government of Nigeria  
Reference No: DD-NGR-NBS-MICS3-2007-01
- National Core Welfare Indicators Question Survey 2006**  
Primary Investigator: NATIONAL BUREAU OF STATISTICS, FEDERAL GOVERNMENT OF NIGERIA  
Reference No: NCIWQ-NGR-2006
- National Survey of Agricultural Export commodities 2006**  
Primary Investigator: National Bureau of Statistics, FEDERAL GOVERNMENT OF NIGERIA  
Reference No: DD-NIG-NBS-AGREXP-2006oct-1-0

NLSS Survey

CWIQ Survey

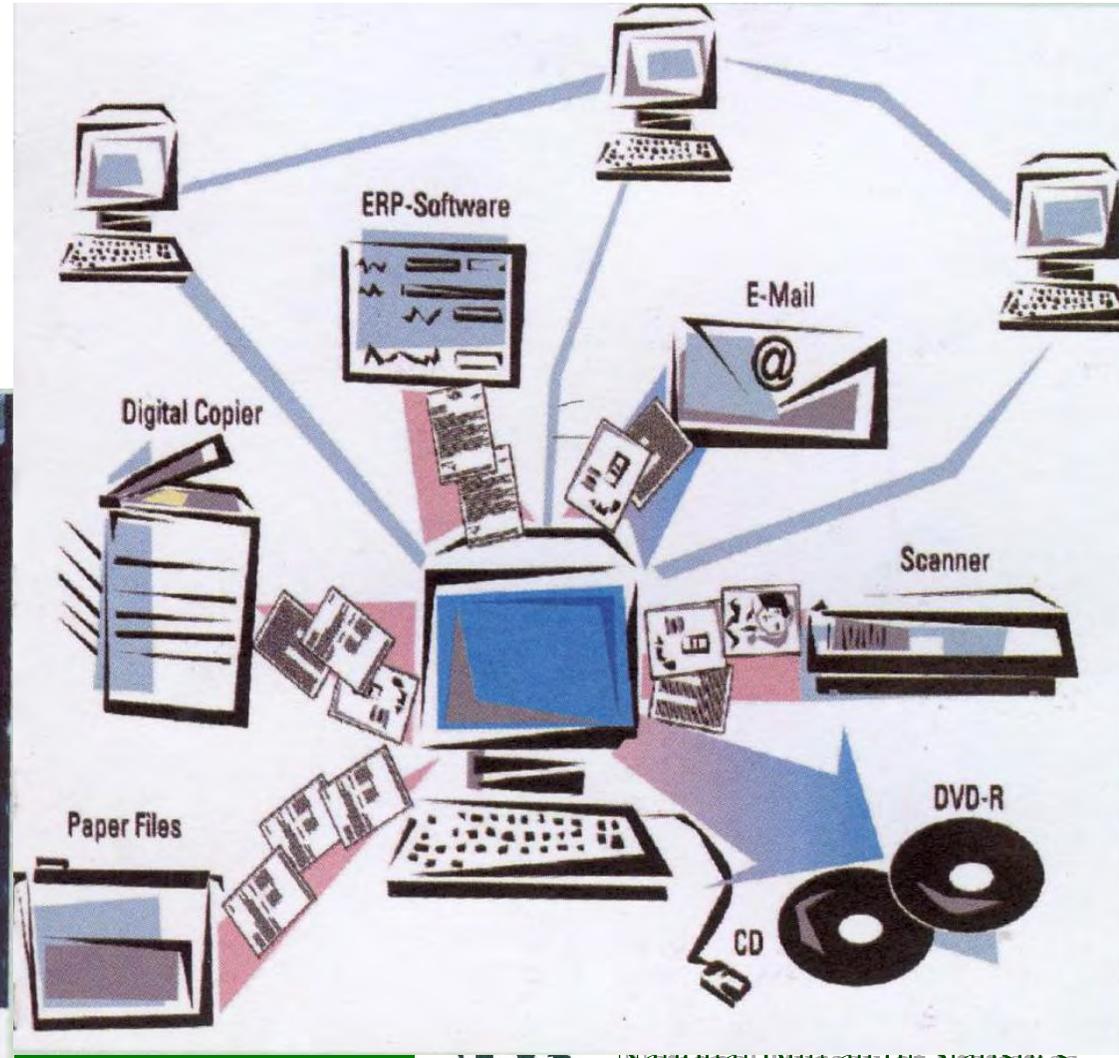
NADA



National Bureau of Statistics

# Document Management and Archiving

Process of conversion of paper document into digital and archiving on DVD



# Finance and Admin Management System

- A payroll management system has been developed for the office and allows us to pay salaries directly into the bank accounts of all our staff in the headquarters and state offices.
- A human resources management system has also been developed to manage personnel records. The system now allows us to know the numbers and distribution of our staff by location and cadre in all our offices
- Central messaging system for officer to communicate or even hold meeting without coming together.



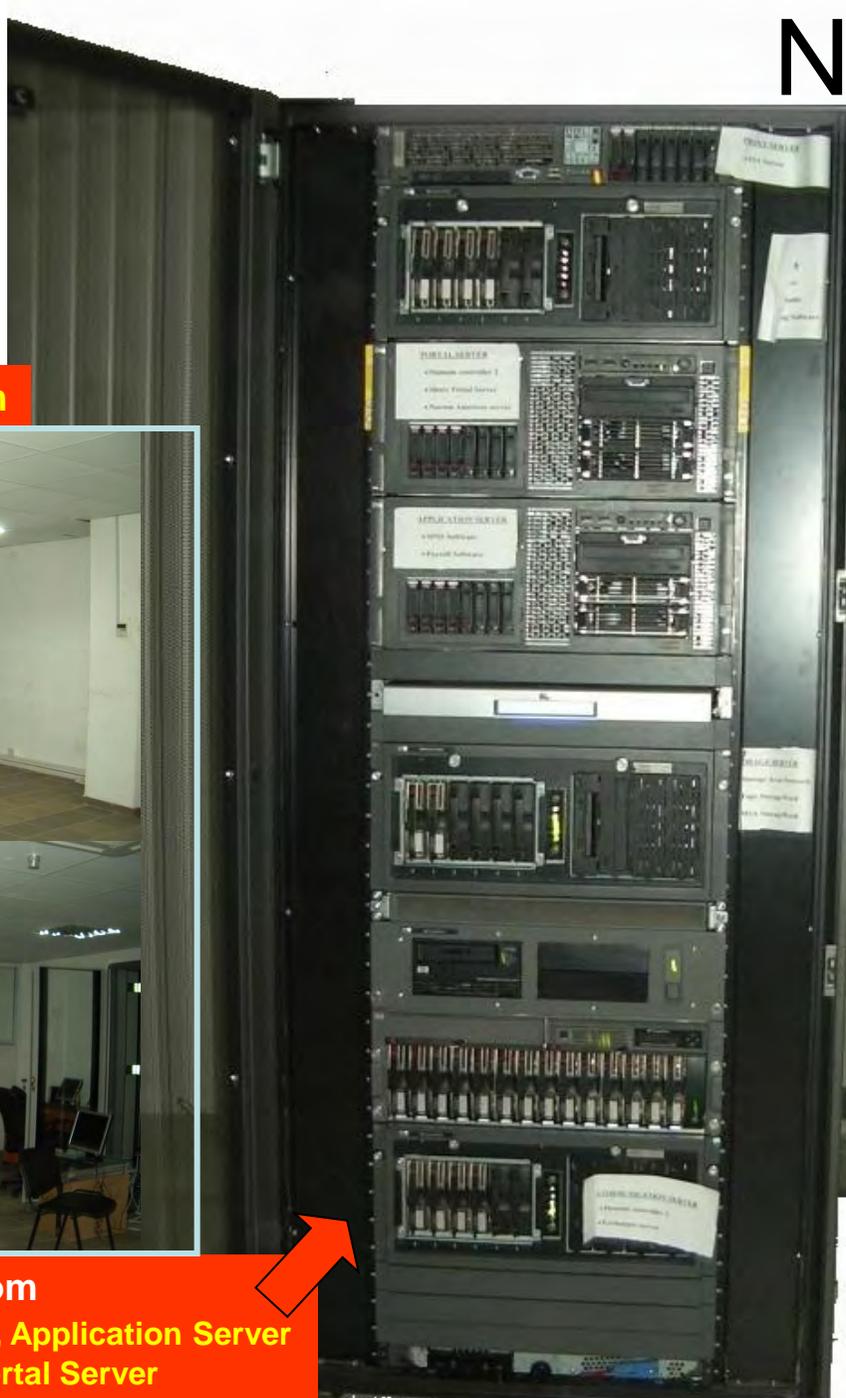
# Data Centre and NBS Portal

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- The National Data Centre, Abuja, is being developed on the 5th floor of the Bureau's Headquarters building and will link data users from all over the world to the Bureau.
- To complement the Data Centre; a Portal has been developed for on-line data collection and dissemination.
- The portal address is [www.nigerianstat.gov.ng](http://www.nigerianstat.gov.ng).
- To Manage and disseminate survey data at household level, the Bureau is currently using 2 internationally renowned micro-data dissemination tools; [Devinfo](#) and [Toolkit](#).



# NBS Data Centre



**Communication Room**



**Sever Room**

- Main Server, Proxy Server, Application Server
- Communication Server, Portal Server
- Storage Server & SQL Server



**MDAs Server, UPS & Stabilizer Room**

**Information on Demand**

The Bureau of Statistics provides comprehensive, timely, relevant, responsive and customer focused Statistical Information relating to the social and economic activities as well as conditions of the inhabitants of Nigeria. Vigorously collaborate with all the tiers of Government and their agencies in the production of administrative statistics; coordinate statistical orderliness; and promote general use of statistical standards.

Browse Sector Statistics

-- Select Sector Statistics --



Search:

GO

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- » [Nigerian Stock Exchange](#)
- » [Nigerian Embassies and High Commissions](#)
- » [Federal Ministry of Finance](#)
- » [Central Bank of Nigeria](#)
- » [Nigerian National Petroleum Corporation](#)
- » [World Bank](#)
- » [UN Statistics Division](#)
- » [Eurostat](#)
- » [NADA - National Data Archive](#)
- » [More>>>](#)

**NADA**

NBS NADA page activities acquisition & documentation anonymization & dissemination preservation of micro-data & related metadata

**News**[Agriculture](#)

Contributed 42.01% to the Nations GDP in 2007

[Solid Minerals](#)

Contributed 0.30% to the GDP in 2007

[Finance & Insurance](#)

Contributed 3.85% to the GDP in 2007

[Hotel and Restaurants](#)

Contributed 0.43% to the GDP in 2007

[Crude Petroleum & Natural Gas](#)

Contributed 19.60% to the GDP in 2007

[Manufacturing](#)

Contributed 4.03% to the GDP in 2007

[TeleComm/Postal Services](#)

Contributed 2.31% to the GDP in 2007

[Building & Construction](#)

Contributed 1.72% to the GDP in 2007

[Wholesale and Retail Trade](#)

Contributed 16.18% to the GDP in 2007

[Others](#)

Contributed 9.58% to the GDP in 2007

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- » [Statistical Fact Sheet](#)
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- » [Core Welfare Indicators Questionnaire \(CWIQ\) Survey](#)
- » [Nigeria Living Standard Survey \(NLSS\), 2004](#)

*Please visit*

[www.nigerianstat.gov.ng](http://www.nigerianstat.gov.ng)



National Bureau of Statistics

