



INTEGRATED POST CAMPAIGN COVERAGE SURVEY (IPCCS) 2024

SURVEY METHODOLOGY

BY

NATIONAL BUREAU OF STATISTICS

OUTLINE OF PRESENTATION



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➤ The National Bureau of Statistics (NBS) in collaboration with the National Primary Health Care Development Agency (NPHCDA) is conducting the Integrated Post Campaign Coverage Survey (IPCCS) with technical support from :

- ✓ World Health Organization (WHO)
- ✓ United Nations Children's Fund (UNICEF)
- ✓ Gavi
- ✓ Other technical partners



➤ IPCCS is a pre-requisite for the successful reduction of risk of :

- ✓ Measles
- ✓ Yellow- Fever
- ✓ Routine Immunization



- IPCCS is conducted 2 weeks after the campaign to validate the quality of the campaign through card retention and finger mark
- Its primary aim is to estimate vaccine antigen coverage and identify populations with sub-optimal vaccination in targeted age groups as shown below
 - ✓ 9 months to 44 years for Yellow Fever
 - ✓ 9 to 59 months for Measles
 - ✓ 0 – 23 months for RI

OBJECTIVES - MEASLES



- The primary objective is to estimate the level of coverage among the target population of the 2024 Measles Vaccine Coverage (MVC)

Others include :

- To stratify coverage estimates by age group (9–23 months, 24–59 months)
 - ✓ To determine the prevalence of children receiving the first dose of measles vaccine during the campaign (i.e., previously unvaccinated)
 - ✓ To compare campaign vaccination uptake among children who had, and had not, previously received Measles Campaign vaccine (MCV)



OBJECTIVES – YELLOW FEVER



- The primary objective is to reduce yellow fever transmission by achieving at least 80% coverage in all implementing states
- Others include :
 - ✓ To utilize opportunities of the campaign to strengthen the health systems, immunization programme pharmacovigilance system
 - ✓ To analyse coverage by age group (9-23 months, 24 – 59 months, and 5-44 years)
 - ✓ To analyse coverage by sex
 - ✓ To identify key communication channels that were effectively used for the campaign

COVERAGE

➤ The survey will be conducted in 26 states namely:



- ✓ Anambra
- ✓ Enugu
- ✓ Akwa Ibom
- ✓ Cross River
- ✓ Edo
- ✓ Osun
- ✓ Ekiti
- ✓ Delta
- ✓ Rivers
- ✓ Lagos
- ✓ Ondo
- ✓ Oyo
- ✓ Ogun
- ✓ Benue
- ✓ Kogi
- ✓ Nasarawa
- ✓ Jigawa
- ✓ FCT
- ✓ Niger
- ✓ Plateau
- ✓ Gombe
- ✓ Bauchi
- ✓ Adamawa
- ✓ Zamfara
- ✓ Yobe
- ✓ Borno

STATES AND THER ANTIGENS

| S/N | Integrated Services | States | Age Group |
|-----------|---------------------------|---------------|--|
| 1 | Measles | ✓ Anambra | 9 – 59 Months, |
| | | ✓ Enugu | |
| | | ✓ Akwa Ibom | |
| | | ✓ Cross River | |
| | | ✓ Edo | |
| | | ✓ Osun | |
| | | ✓ Ekiti | |
| | | ✓ Delta | |
| | | ✓ Rivers | |
| | | ✓ Benue | |
| | | ✓ Kogi | |
| | | ✓ Oyo | |
| | | ✓ Ogun | |
| | | ✓ Ondo | |
| | | ✓ Nasarawa | |
| | | ✓ Jigawa | |
| | | ✓ FCT | |
| | | ✓ Niger | |
| | | ✓ Plateau | |
| | | ✓ Gombe | |
| ✓ Bauchi | | | |
| ✓ Adamawa | | | |
| ✓ Zamfara | | | |
| 2 | Yellow Fever | ✓ Yobe | 9 Months-44 years |
| | | ✓ Borno | |
| 3 | Measles, and Yellow Fever | ✓ Lagos | 9 – 59 Months, and 9 Months -44 years. |

SCOPE

- The areas of interest include :
 - ✓ Household Information panel
 - ✓ Individual and Children Information Panel
 - ✓ Demographic Information
 - ✓ Immunization
 - ✓ key communication channels
 - ✓ Prevalence of Adverse Effect following immunization during Campaign

SAMPLE DESIGN

FRAME

- ⑩ The frame of newly digitized list of enumeration areas for the next national housing and population census will be used

EAs

- ⑩ Forty (40) EAs were sampled in 20 states, 39 EAs in 4 states and 36 EAs in 2 states also
- ⑩ A total of 1028 EAs will be study for the Integrated PCCS sample making

HH

- ⑩ 15 households is expected to be interviewed in each EA
- ⑩ In each state, total households to be covered varies by the number of EAs
- ⑩ A total of 15,420 households will be canvassed in the 26 states

Distribution of Expected Number of Households to be cover by State

| S/no. | State | Total EAs to Cover | Expected HH s/ EA | Total HHs / State | S/no. | State | Total EAs to Cover | Expected HHs / EA | Expected Total HHs /State |
|--------------|-------------|--------------------|-------------------|-------------------|-------|----------|--------------------|-------------------|---------------------------|
| 1 | Anambra | 40 | 15 | 600 | 14 | Ondo | 40 | 15 | 600 |
| 2 | Enugu | 40 | 15 | 600 | 15 | Nasarawa | 40 | 15 | 600 |
| 3 | Akwa Ibom | 40 | 15 | 600 | 16 | Jigawa | 40 | 15 | 600 |
| 4 | Cross River | 40 | 15 | 600 | 17 | FCT | 40 | 15 | 600 |
| 5 | Edo | 39 | 15 | 585 | 18 | Niger | 40 | 15 | 600 |
| 6 | Osun | 40 | 15 | 600 | 19 | Plateau | 39 | 15 | 585 |
| 7 | Ekiti | 40 | 15 | 600 | 20 | Gombe | 40 | 15 | 600 |
| 8 | Delta | 40 | 15 | 600 | 21 | Bauchi | 40 | 15 | 600 |
| 9 | Rivers | 40 | 15 | 600 | 22 | Adamawa | 40 | 15 | 600 |
| 10 | Benue | 39 | 15 | 585 | 23 | Zamfara | 36 | 15 | 540 |
| 11 | Kogi | 39 | 15 | 585 | 24 | Yobe | 40 | 15 | 600 |
| 12 | Ogun | 40 | 15 | 600 | 25 | Borno | 36 | 15 | 540 |
| 13 | Oyo | 40 | 15 | 600 | 26 | Lagos | 40 | 15 | 600 |
| Total | | | | | | | 1,028 | | 15,420 |

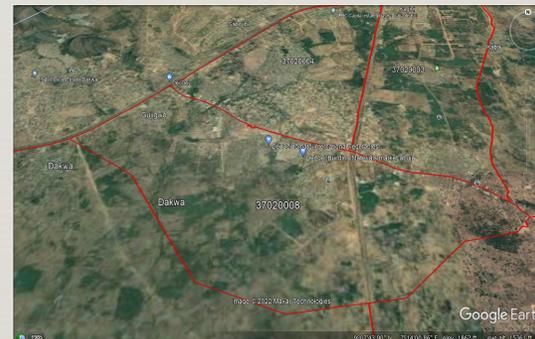
SURVEY INSTRUMENTS / EQUIPMENT

- Paper Questionnaire for training
- Digitized maps
- Sample List of EAs
- Selected Households
- CAPI



201 SAMPLE HOUSEHOLD

| UNIT # | COMPANY | ADDRESS | CITY | ST | ZIP | FIRST |
|--------|--------------------------|------------------|---------------|------|-------|-----------|
| 818027 | F. PHENIX DESIGN INC | 2281 MARKET | SAN FRANCISCO | CA | 94102 | JOHN A. |
| 762424 | DAVID'S JEWELRY INC | 1581 LOMB RD | NEW YORK | NY | 10012 | SALVARY |
| 842278 | CAPPA JEWELRY LLC | 3811 BRUNN RD | NEW YORK | NY | 10008 | DAVID |
| 842387 | TOMAS & CO JEWELERS | 1181 E 106TH ST | NEW YORK | NY | 10025 | THOMAS |
| 821873 | KUSHI POWER JEWELRY | 370 E 140TH ST | NEW YORK | NY | 10042 | JOHN |
| 819493 | THE JEWELERS HORSESHOE | 501 HANNA ST | NEW YORK | NY | 10014 | JOHN |
| 818462 | HANLEY BROWN JEWELRY INC | 300 W 140TH ST | NEW YORK | NY | 10027 | MARCO |
| 818461 | DAVID JEWELRY INC | 20 THAMES ST | LOS ANGELES | CA | 90012 | HAROLD |
| 818427 | FIREBOLT JEWELRY | 100 BELLEVUE AVE | LOS ANGELES | CA | 90015 | STEVEN |
| 854276 | FREDERICK PASTERISERSON | 122 CROWMAN CT | SAN DIEGO | CA | 92116 | FREDERICK |
| 842180 | SPRING DOWNTOWN JEWELRY | 172 MADISON ST | SAN DIEGO | CA | 92101 | PETER |
| 821876 | NEW AVE JEWELRY | 118 W 118TH ST | LOS ANGELES | CA | 90019 | MICHAEL |
| 818460 | JOHN INC | 101 MAIN STREET | MINNEAPOLIS | MINN | 55401 | JOHN |
| 818464 | PROFESSIONAL | 1152 HOSKINS ST | MINNEAPOLIS | MINN | 55401 | JOHN |
| 818463 | JOHN INC CONTRACTORS INC | 101 HOSKINS ST | MINNEAPOLIS | MINN | 55401 | JOHN |
| 818462 | JOHN MANUFACTURING | 101 HOSKINS ST | MINNEAPOLIS | MINN | 55401 | JOHN |
| 818461 | JOHN MANUFACTURING | 101 HOSKINS ST | MINNEAPOLIS | MINN | 55401 | JOHN |
| 818460 | JOHN MANUFACTURING | 101 HOSKINS ST | MINNEAPOLIS | MINN | 55401 | JOHN |
| 818459 | JOHN MANUFACTURING | 101 HOSKINS ST | MINNEAPOLIS | MINN | 55401 | JOHN |
| 818458 | JOHN MANUFACTURING | 101 HOSKINS ST | MINNEAPOLIS | MINN | 55401 | JOHN |
| 818457 | JOHN MANUFACTURING | 101 HOSKINS ST | MINNEAPOLIS | MINN | 55401 | JOHN |



TRAINING FOR FIELDWORK

- There will be two (2) levels of training
- 1st level is the Training of Trainers (ToT)
- Participants at this level includes:
 - ✓ NBS & NPHCDA officers who will serve as trainers in the second level training
 - ✓ Coordinators
 - ✓ Stakeholders
- Training will last for 3 days,



TRAINING FOR FIELDWORK



- 2nd level is the Training of Enumerators (ToE) which will be held in all the 26 states
- Participants at this level will include:
 - ✓ Interviewers
 - ✓ State Officer
 - ✓ Zonal controller
 - ✓ Trainers
 - ✓ Coordinators
 - ✓ Stakeholders
- Training will last for 3 days

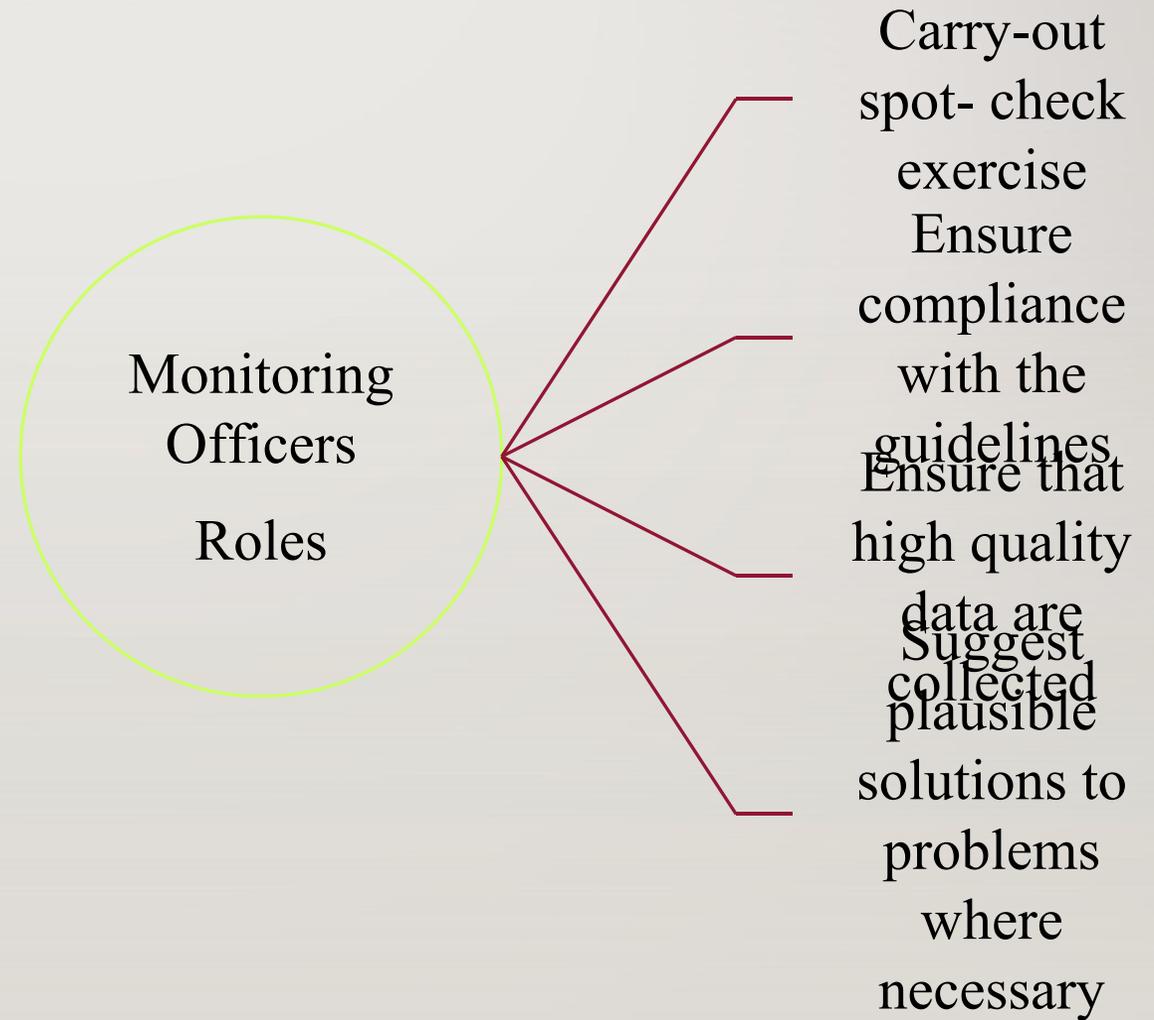
FIELDWORK ARRANGEMENT FOR LISTING

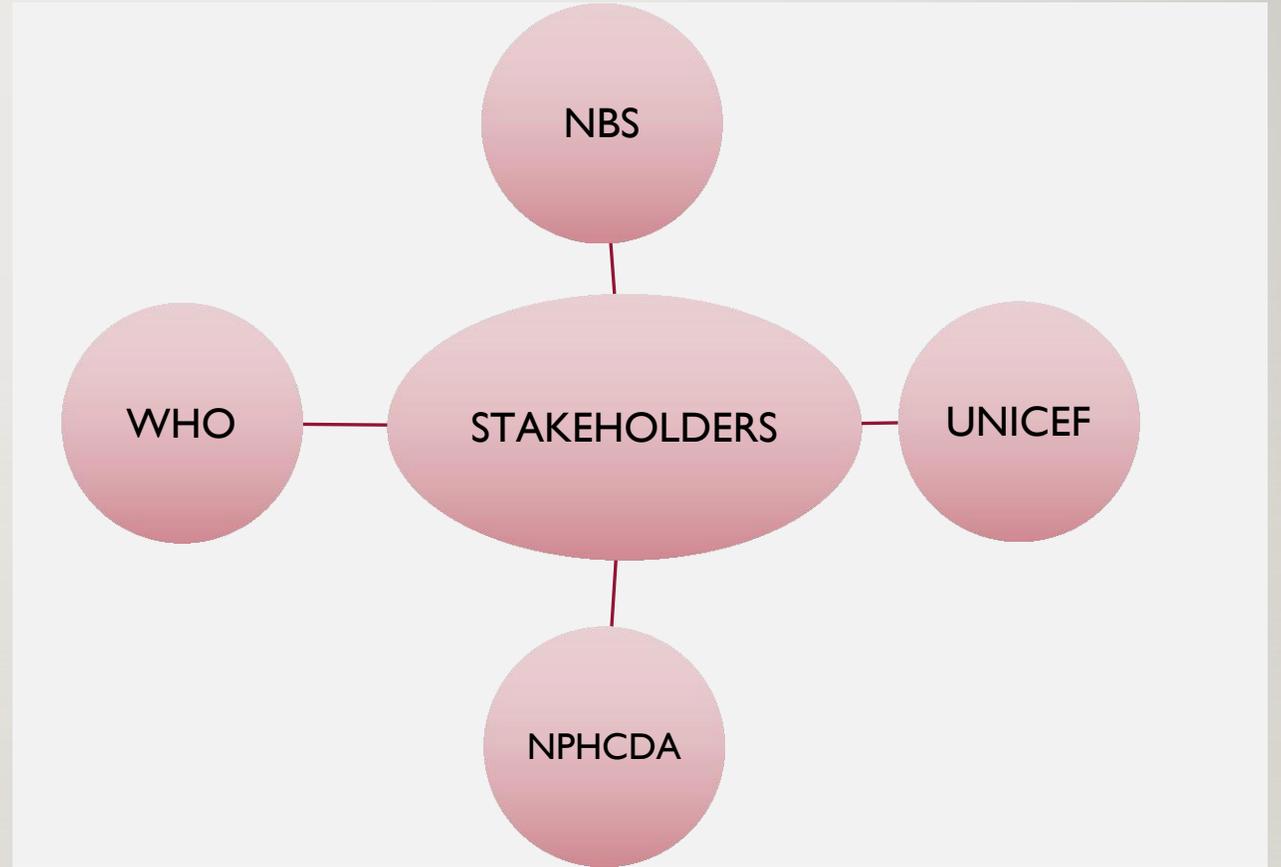
- Five (5) teams will be constituted in each state
- A team will comprise of 4 persons
 - ✓ A team lead and 3 teammates
 - ✓ 20 interviewers will be engaged in each state
- A total of 520 field staff will be engaged for data collection in the 26 states
- The of EAs to be cover by each team varies
- Data collection will last for 10 days including travelling time and call backs



QUALITY ASSURANCE/ MONITORING

➤ **In order to enhance the quality of data , there will be monitoring in the 26 states**





- Coordination will be done to ensure total adherence to laid down procedures by all
- Every aspect of the data production will be coordinated

DATA TRANSMISSION



➤ Real-time on line data transmission will be adopted for collecting data from the field



➤ Data will be synchronized at the completion of data collection in every EA

DATA PROCESSING



➤ The data processing system will be divided into the following:

- ✓ Data cleaning
- ✓ Data editing
- ✓ Tabulation
- ✓ Table generation / Analysis

REPORT WRITING

- A detailed report will be written by officers from NBS and NPHCDA with technical support from :
 - ✓ WHO
 - ✓ UNICEF and
 - ✓ Other technical stakeholders

END OF PRESENTATION

