

Nigeria

Federal Ministry of Health, Federal Government of Nigeria

National HIV Sero-prevalence Sentinel Survey 2008

December 7, 2011

Metadata Production

Metadata Producer(s)	Federal Ministry of Health (FMOH) , Federal Government of Nigeria , Documentation of the Study
Production Date	November 29, 2011
Version	Version 1.0 (November 2011). This is the first version of the ANC 2008 documentation. Documented during the Microdata Management Toolkit Training 28th November - 2nd December 2011. Facilitated by FMOH, MEASURE Evaluation, WorldBank and OECD/PARIS 21.
Identification	DDI-NGA-FMOH-ANC-2008-V1.0

This document was generated using the [IHSN Microdata Management Toolkit](#)

Table of Contents

- [Overview.....](#) [1](#)
- [Scope & Coverage.....](#) [1](#)
- [Producers & Sponsors.....](#) [2](#)
- [Sampling.....](#) [2](#)
- [Data Collection.....](#) [2](#)
- [Files Description.....](#) [3](#)
 - [ANC Data.....](#) [3](#)
- [Variables List.....](#) [4](#)
 - [ANC Data.....](#) [4](#)
- [Variables Description.....](#) [5](#)
 - [ANC Data.....](#) [5](#)
- [Documentation.....](#) [10](#)

Nigeria () National HIV Sero-prevalence Sentinel Survey 2008 (SPA Service Provision Assessment)

Overview	
Type	Service Provision Assessment Survey
Identification	NGR-FMOH-ANC-2008-v1.0
Version	Production Date: 2009-11 V1.0: Final dataset, for public distribution
Series	<p>The World Health Organization (WHO) introduced the Antenatal Clinic (ANC) HIV sentinel seroprevalence survey to monitor the HIV and AIDS epidemic in countries of the world including the Federal Republic of Nigeria. The survey uses pregnant women attending antenatal clinics as proxy for the general population. Since inception in Nigeria in 1991, seven rounds of ANC HIV survey have been conducted with the 2008 wave making it the eight in the series.</p> <p>The 2008 ANC survey was guided by a survey management committee constituted by the Federal Ministry of Health. The members of the committee were drawn from the Federal and State Ministries of Health, NACA, Development Partners, Research Institutions and private individuals among others.</p>
Abstract	
<p>The data from the survey are used for advocacy, monitoring of the epidemic, programme planning and programme implementation. In addition to other data sources, the ANC survey has continued to contribute towards the realization of the second generation surveillance in Nigeria.</p> <p>Goal The goal of conducting this survey was to provide information about the current HIV prevalence and distribution in the country; it is aimed that the information would sensitize all stakeholders to take appropriate actions.</p> <p>Specific Objectives</p> <ol style="list-style-type: none"> To determine the prevalence of HIV infection among women attending antenatal clinics in the 36 States and the Federal Capital Territory (FCT) in Nigeria. To determine HIV prevalence by selected demographic characteristics and geographical locations. To monitor trends of HIV prevalence among women attending antenatal clinics. To provide general population estimates and projections of the HIV/AIDS epidemic and its impact in the country. To determine the utility of PMTCT programme data for ANC HIV surveillance in Nigeria 	
Kind of Data	Sample survey data [ssd]
Unit of Analysis	The units of analysis are individuals, laboratories and facilities

Scope & Coverage

Scope

Individuals-Age, Marital Status, PMTCT referral, Level of Education

Laboratories- HIV testing Facility-Supervision, No. of women recruited, No. of women tested, ANC Doctor in charge present, ANC Nurse present,	
Keywords	PMTCT, HIV/AIDS
Topics	specific diseases and medical conditions [8.9], health policy [8.6]
Geographic Coverage National	
Universe HIV/AIDS service providers at facility	

Producers & Sponsors	
Primary Investigator(s)	Federal Ministry of Health, Federal Government of Nigeria
Other Producer(s)	World Health Organization (WHO) , Technical Assistance in Finance
Funding Agency/ies	Center for Disease Control (CDC) , Technical and Financial Support World Health Organization (WHO) , Technical and Financial Support National Agency for the Control of AIDS (NACA) (NACA) , Technical and Financial Support
Other Acknowledgment(s)	UNAIDS. , Technical Support , Government of Nigeria

Sampling	
Sampling Procedure The two rural sites in each State generated a minimum combined sample size of 300 (150 in each of the rural sites) such that the rural samples form a rural cluster with a total sample size large enough to be analyzed by State. This was used to estimate the rural prevalence in each State.	
Weighting Facility	

Data Collection	
Data Collection Mode	Face-to-face [f2f]

Files Description

Dataset contains 1 file(s)

ANC Data	
# Cases	36919
# Variable(s)	28
<u>File Content</u> Contains the full data set	

Variables List

Dataset contains 28 variable(s)

File ANC Data							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	V1	Serial	continuous	numeric-10.5	36919	0	-
2	V2	State	discrete	character-1	0	-	-
3	V3	Sitecode	discrete	character-1	0	-	-
4	V4	Hospitalna	discrete	character-1	0	-	-
5	V5	Sitetype	discrete	character-1	0	-	-
6	V6	Pmtct_prog	discrete	numeric-7.5	0	36919	-
7	V7	Pmtct_date	discrete	character-10	0	-	-
8	V8	Ownership	discrete	character-1	0	-	-
9	V9	Hivtesting	discrete	character-1	0	-	Was the woman offered HIV testing for PMTCT Yes = 1 No = 2
10	V10	Pre_test	discrete	character-1	0	-	-
11	V11	Ref	continuous	numeric-9.5	36919	0	-
12	V12	Siteid	discrete	character-1	0	-	ID (use preprinted label)
13	V13	Facilityco	discrete	character-1	0	-	-
14	V14	Age	continuous	numeric-8.5	36762	157	Age in years
15	V15	Maritalsta	discrete	numeric-7.5	36798	121	Marital status: single = 1 Married = 2 Divorced/ separated = 3 Widowed = 4
16	V16	Edu	discrete	numeric-7.5	36794	125	Level of education None = 1 Quaranic only = 2 Primary = 3 Secondary = 4 Above secondary = 5
17	V17	Gravidity	continuous	numeric-8.5	36810	109	Gravidity (total no of pregnancies including this one)
18	V18	Parity	continuous	numeric-8.5	36778	141	Parity (total no births 28 wks and above)
19	V19	Referred	discrete	numeric-7.5	35989	930	Was the woman referred Yes = 1 No = 2
20	V20	Reason	discrete	numeric-7.5	35821	1098	Reason for referred? PMTCT = 1 Others = 2 NA = 3
21	V21	Testing	discrete	numeric-7.5	31729	5190	Was the woman offered HIV testing for PMTCT Yes = 1 No = 2
22	V22	Accpttesti	discrete	numeric-7.5	31719	5200	Did the woman accept HIV testing for PMTCT Yes = 1 No = 2 NA = 3
23	V23	Determine	discrete	character-3	39	-	HIV test result (Determine)
24	V24	Stat_pak	discrete	character-3	1984	-	HIV test result (Stat – Pak)
25	V25	Qc	discrete	character-3	5354	0	-
26	V26	Final_test	discrete	character-3	29	-	-
27	V27	Recstatus	discrete	numeric-7.5	36918	1	-
28	V28	Uniquekey	continuous	numeric-10.5	36919	0	-

Variables Description

Dataset contains 28 variable(s)

File ANC Data			
#1 V1: Serial			
Information	[Type= continuous] [Format=numeric] [Range= 1-1825] [Missing=*]		
Statistics [NW/ W]	[Valid=36919 /-] [Invalid=0 /-] [Mean=514.308 /-] [StdDev=326.082 /-]		
#2 V2: State			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
#3 V3: Sitecode			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
#4 V4: Hospitalna			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
#5 V5: Sitetype			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
#6 V6: Pmtct_prog			
Information	[Type= discrete] [Format=numeric] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=36919 /-]		
Value	Label	Cases	Percentage
Systemmiss		36919	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#7 V7: Pmtct_date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
#8 V8: Ownership			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
#9 V9: Hivtesting			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
Literal question	Was the woman offered HIV testing for PMTCT Yes = 1 No = 2		
#10 V10: Pre_test			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		

File ANC Data			
#11 V11: Ref			
Information	[Type= continuous] [Format=numeric] [Range= 1-340] [Missing=*]		
Statistics [NW/ W]	[Valid=36919 /-] [Invalid=0 /-] [Mean=128.419 /-] [StdDev=83.914 /-]		
#12 V12: Siteid			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
Literal question	ID (use preprinted label)		
#13 V13: Facilityco			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
#14 V14: Age			
Information	[Type= continuous] [Format=numeric] [Range= 15-49] [Missing=*]		
Statistics [NW/ W]	[Valid=36762 /-] [Invalid=157 /-] [Mean=26.472 /-]		
Literal question	Age in years		
#15 V15: Maritalsta			
Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]		
Statistics [NW/ W]	[Valid=36798 /-] [Invalid=121 /-]		
Literal question	Marital status: single = 1 Married = 2 Divorced/ separated = 3 Widowed = 4		
Value	Label	Cases	Percentage
1	Single	1476	4.0%
2	Married	35108	95.4%
3	Divorced/separated	104	0.3%
4	Widowed	110	0.3%
Sysmiss		121	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#16 V16: Edu			
Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]		
Statistics [NW/ W]	[Valid=36794 /-] [Invalid=125 /-]		
Literal question	Level of education None = 1 Quaranic only = 2 Primary = 3 Secondary = 4 Above secondary = 5		
Value	Label	Cases	Percentage
1	None	3546	9.6%
2	Quaranic	5345	14.5%

File ANC Data			
#16 V16: Edu			
Value	Label	Cases	Percentage
3	Primary	8142	22.1%
4	Secondary	13043	35.4%
5	Above secondary	6718	18.3%
Systemiss		125	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#17 V17: Gravidity			
Information	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]		
Statistics [NW/ W]	[Valid=36810 /-] [Invalid=109 /-] [Mean=3.436 /-]		
Literal question	Gravidity (total no of pregnancies including this one)		
#18 V18: Parity			
Information	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]		
Statistics [NW/ W]	[Valid=36778 /-] [Invalid=141 /-] [Mean=5.265 /-] [StdDev=17.685 /-]		
Literal question	Parity (total no births 28 wks and above)		
#19 V19: Referred			
Information	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]		
Statistics [NW/ W]	[Valid=35989 /-] [Invalid=930 /-]		
Literal question	Was the woman referred Yes = 1 No = 2		
Value	Label	Cases	Percentage
0		1	0.0%
1	Yes	2317	6.4%
2	No	33671	93.6%
Systemiss		930	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#20 V20: Reason			
Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=35821 /-] [Invalid=1098 /-]		
Literal question	Reason for referred? PMTCT = 1 Others = 2 NA = 3		
Value	Label	Cases	Percentage
1		1601	4.5%
2		253	0.7%
3		33967	94.8%

File ANC Data			
#20 V20: Reason			
Value	Label	Cases	Percentage
Sysmiss		1098	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#21 V21: Testing			
Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
Statistics [NW/ W]	[Valid=31729 /-] [Invalid=5190 /-]		
Literal question	Was the woman offered HIV testing for PMTCT Yes = 1 No = 2		
Post-question	Was the woman offered HIV testing for PMTCT Yes = 1 No = 2		
Value	Label	Cases	Percentage
1	Yes	23690	74.7%
2	No	8039	25.3%
Sysmiss		5190	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#22 V22: Acpptesti			
Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=31719 /-] [Invalid=5200 /-]		
Literal question	Did the woman accept HIV testing for PMTCT Yes = 1 No = 2 NA = 3		
Value	Label	Cases	Percentage
1	Yes	23148	73.0%
2	No	287	0.9%
3	Na	8284	26.1%
Sysmiss		5200	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#23 V23: Determine			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=39 /-]		
Literal question	HIV test result (Determine)		
Value	Label	Cases	Percentage
NEG		35	89.7%
POS		4	10.3%
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#24 V24: Stat_pak			
Information	[Type= discrete] [Format=character] [Missing=*]		

File ANC Data			
#24 V24: Stat_pak			
Statistics [NW/ W]		[Valid=1984 /-]	
Literal question		HIV test result (Stat – Pak)	
Value	Label	Cases	Percentage
NEG		455	22.9%
POS		1529	77.1%
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#25 V25: Qc			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=5354 /-] [Invalid=0 /-]	
Value	Label	Cases	Percentage
1		1	0.0%
NEG		3786	70.7%
POS		1567	29.3%
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#26 V26: Final_test			
Information		[Type= discrete] [Format=character] [Missing=*]	
Statistics [NW/ W]		[Valid=29 /-]	
Value	Label	Cases	Percentage
NEG		27	93.1%
POS		2	6.9%
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#27 V27: Recstatus			
Information		[Type= discrete] [Format=numeric] [Range= 1-1] [Missing=*]	
Statistics [NW/ W]		[Valid=36918 /-] [Invalid=1 /-]	
Value	Label	Cases	Percentage
1		36918	100.0%
Systemiss		1	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
#28 V28: Uniquekey			
Information		[Type= continuous] [Format=numeric] [Range= 1-1825] [Missing=*]	
Statistics [NW/ W]		[Valid=36919 /-] [Invalid=0 /-] [Mean=517.513 /-] [StdDev=325.494 /-]	

Documentation

Questionnaires	10
NHMIS Mapping Questionnaire	10
Other resources	10
*** Untitled ***	10

Questionnaires

NHMIS Mapping Questionnaire, National Health Insurance Scheme, November 2011, Nigeria [nga], "_docs \Questionnaire.doc"

Other resources

***** Untitled *****