

Nigeria

Total number of states \ provinces: 37

Immunization

Immunization coverage (2009 nat. WHO-UNICEF estimates) DTP3 69% Pol3 79%

Non Polio AFP Profile

<i>Percent 0-dose (national)</i> 2.4%	<i>Percent states with < 10% 0-dose NPAFP children</i> Non-adjusted 97.3% (36 of 37) % within acceptable range 100% (37 of 37)
<i>Percent 4+ doses (national)</i> 72.4%	<i>Percent states with > 80% 4+dose NPAFP children</i> Non-adjusted 37.8% (14 of 37) % within acceptable range 51.4% (19 of 37)

Independent Monitoring (IM data were not collected, or were not available in detail for all rounds shown)

<i>Campaign type</i> (mixed rounds abbreviated as: t, b, 1, 3)	<i>Start date</i>	<i>National indicator</i>		<i>Sub national indicator</i>	
		Percent missed children (finger marking)		Percent of states with < 10% missed children	
		House to House (%)	Out of house (%)	House to House	Out of house
SNID-OPVb	18-Sep-10				
SNID-OPVb	23-Oct-10				
CHD-OPVb+t	20-Nov-10				
NID-OPVb+t	26-Jan-11				
NID-OPVt	23-Feb-11				
SNID-OPVb	26-Mar-11				
SNID-OPVb+t	14-May-11				
SNID-OPVb	01-Jun-11				
SNID-OPVb	25-Jun-11				
SNID-OPVb+t	28-Jul-11				

Summarized data are presented in CDC's 3rd quarter Progress Report on the GPEI Major Process Indicators

Surveillance

Polio Cases (W1, W3, and VDPVs)

<i>Serotype</i>	<i>Count</i>				<i>Date of onset for last case</i>
	2010 (Jan-Dec)		2011 (Jan-present)		
	<i>cases</i>	<i>districts</i>	<i>cases</i>	<i>districts</i>	
W1	8	8	19	14	20-Jul-11
W3	13	13	7	6	18-Jun-11
cVDPV 2	27	24	13	13	28-Jun-11

Non Polio AFP data

<i>NPAFP rate (national)</i> 7.2	<i>Percent states with NPAFP rate >= 2</i> Non-adjusted 100% (37 of 37) % within acceptable range 100% (37 of 37)
<i>% adequate stools (nat.)</i> 92.9%	<i>Percent states with adequate stool proportion >= 80%</i> Non-adjusted 97.3% (36 of 37) % within acceptable range 100% (37 of 37)
<i>Percent of population <15 years of age living in states / prov. where both surveillance indicators are met</i> 97.8%	

Poliovirus History

The WPV1 virus in Nigeria during 2011 represents the continued transmission from the very large outbreak in 2008. The genetic diversity of the WPV1 virus chains of transmission decreased substantially in 2010 but has not decreased substantially since then. Five clusters were detected in 2011. A very large proportion of the isolates had much less genetic linkage than expected, and two of the five genetic clusters observed in 2011 were not observed in 2010. The WPV3 viruses in Nigeria during 2011 represent continuation of a large, widespread outbreak in 2009. The genetic diversity of the WPV3 virus chains of transmission in 2011 was reduced somewhat along with the number of cases; two genetic clusters were detected. A significant proportion of WPV3 cases in 2010 and 2011 had much less genetic linkage than expected. Based upon the significant proportion of isolates with much less genetic linkage than expected during the end of 2010 and in 2011, including the cVDPV2 isolates, there is a potential for significant surveillance gaps at the sub-national level.

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Data Completeness

Percent of NPAFP cases with unknown age

0%

Percent of 6-35 month old NPAFP cases with unknown dose history

0.8%