

Chad

Total number of states \ provinces: 18

Immunization

Immunization coverage (2009 nat. WHO-UNICEF estimates) DTP 23% Pol3 36%

Non Polio AFP Profile

<i>Percent 0-dose (national)</i> 13%	<i>Percent states with < 10% 0-dose NPAFP children</i> Non-adjusted 100% (1 of 1) % within acceptable range 100% (1 of 1)
<i>Percent 4+ doses (national)</i> 42%	<i>Percent states with > 80% 4+dose NPAFP children</i> Non-adjusted 0% (0 of 1) % within acceptable range 0% (0 of 1)

Independent Monitoring

Campaign type	Date	National indicator		Sub national indicator	
		Percent missed children (finger marking)		Percent of states with < 10% missed children	
		House to House (%)	Out of house (%)	House to House	Out of house
NID-tOPV	10-Feb-10	15.3	25.8	33% (3 of 9)	12% (1 of 8)
NID-mOPV3	06-Mar-10		5.5		100% (1 of 1)
NID-mOPV3	24-Apr-10	8.9	11.3	69% (9 of 13)	54% (7 of 13)
SNID-mOPV3	30-May-10	6.5	16.3	100% (1 of 1)	0% (0 of 1)
NID-mOPV3	07-Jun-10	10.5	11.6	29% (2 of 7)	40% (2 of 5)

Surveillance

Polio Cases (W1, W3, and VDPVs)

Serotype	Count				Date of onset for last case
	2009 (Jan-Dec)		2010 (Jan-Jun)		
	cases	districts	cases	districts	
W3	64	29	14	9	22-May-10

Non Polio AFP data

<i>NPAFP rate (national)</i> 4.9	<i>Percent states with NPAFP rate >= 2</i> Non-adjusted 100% (17 of 17) % within acceptable range 100% (17 of 17)
<i>% adequate stools (nat.)</i> 83.9%	<i>Percent states with adequate stool proportion >= 80%</i> Non-adjusted 50% (5 of 10) % within acceptable range 100% (10 of 10)

Poliovirus History

The WPV3 viruses in Chad during 2009 represented continuation of a large widespread outbreak resulting from importation in 2007. In addition, two single case importation events also occurred in 2009 from Nigeria. The 2009 viruses represent three genetic clusters. WPV3 viruses detected in 2010 represented continued circulation of the main cluster observed in 2009, as well as a single importation event from Nigeria with only a single case. These 2010 viruses represent two of the three genetic clusters observed in 2009. One of the outbreak clusters observed in Chad during 2008 that was subsequently imported into Central African Republic in 2009 has not been observed in Chad since 2008. Based upon several isolates with less genetic linkage than expected, there is some indication that surveillance may have gaps at the sub-national level.

Data Completeness

Percent of NPAFP cases with unknown age	0.8
Percent of 6-35 month old NPAFP cases with unknown dose history	12.4