

CHAD

Immunization					Surveillance				
12-month immunization indicator			National		Immunization Performance	Percent of states / provinces with:		Virology	Surveillance Performance
District: % missed children in SIAs**	Province: % missed children in SIAs***	Overall 12-month immunization indicator	POL3	0-dose		NPAFPR >= 2*	Adeq. Stools >= 80%*		
Weak	Weak	Weak	36	7.6	Weak	100	77.8	Some	Weak

* based on the upper 90% confidence limit

** 12-month district immunization indicator: Based upon Chad's 2011 MPI for immunization but using data from SIAs conducted during the previous 12 months (9 March 2010 – 8 March 2011). Additional details in the 1st Quarter 2011 Progress Report of the GPEI Process Indicators for 2010 and 2011 and Methods Supplement.

***12-month provincial immunization indicator: Based upon SIAs conducted in all provinces in Chad except the provinces in N'Djamena and in the southern and eastern WPV transmission zones (MPI provinces) during the previous 12 months (9 March 2010 – 8 March 2011). The provinces in N'Djamena and in the southern and eastern WPV transmission zones were omitted given their consideration in the 12-month district immunization indicator. Additional details in Methods Supplement.

Chad has a high risk of failure to detect and interrupt WPV transmission by the end of 2011. Continued re-established transmission of WPV3 in eastern provinces into 2011 indicates failure to meet the end-2010 milestone of stopping transmission in countries with re-established transmission. That fact and continued WPV1 transmission after 2010 importation in provinces in the south and east and the occurrence of cVDPV2 indicate high susceptibility due to ongoing weaknesses in routine and SIA immunization coverage. The Strategic Plan Major Process Indicator addresses greater N'Djamena and the districts of the southern and eastern transmission zone, which have not been the only centers of transmission in 2010–2011. The risk assessment included SIA monitoring data from all other provinces as equivalent to these. Available immunization performance data indicate recent improvement in SIA implementation which needs to be confirmed and consistently observed, but overall immunization performance remains weak. Surveillance performance is weak, in large part because >20% of specimens do not arrive at the Cameroon laboratory in good condition.

Current Quarter	Nov.'10 Report
Overall risk of failure to detect and interrupt WPV transmission	Overall risk of failure to detect and interrupt WPV transmission
High	High

GPEI MPI	end-2010 	<10% missed children in greater N'Djamena and in the southern and eastern WPV transmission zones during each SIA in the second half of 2010
	end-2011 	<10% missed children in greater N'Djamena and in the southern and eastern WPV transmission zones during each SIA