

How To Interpret The Reports

From July, 2017

Total cases	Year-to-date 2017		Year-to-date 2016		Total in 2016	
	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV
Globally	8	31	19	3	37	5
—In Endemic Countries	8	0	19	0	37	2
—In Non-Endemic Countries	0	31	0	3	0	3

Endemic Countries: Countries where the wild polio virus is still detected in the environment.

Non Endemic Countries: Countries which have been certified to be free of the wild virus but continue to report polio cases contracted from an endemic country.

WPV: Wild Polio Virus

cVDPV: circulating Vaccine-Derived Polio Virus, explanation follows;

The Sabin oral vaccine drops used for immunization contain a small amount of live virus cells while the Salk injected immunization contains only killed virus cells. For the most part, Rotary teams use the Sabin drops because it is a much easier tool for mass field immunizations.

The downside of the oral vaccine is in the way it works within the human body. When a child is given the drops, it's body's immune system begins to develop antibodies against the polio virus so that for a short period of time the child, in effect, has polio. The child's bodily fluids and excrements then can spread the virus to other children who are not vaccinated and thus transmit the disease. The most likely scenario for this to happen is in areas which only some of the children are being vaccinated, where sanitation is poor and where children already have serious health issues. This situation is very evident from the July, 2017 report where Syria is shown with no WPV cases and 27 cVDPV cases due to the war and the inability to fully immunize the children.

Countries	Year-to-date 2017		Year-to-date 2016		Total in 2016		Onset of paralysis of most recent case	
	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV
Afghanistan	5	0	6	0	13	0	18-Jun-2017	NA
Democratic Republic Of The Congo	0	4	0	0	0	0	NA	17-Apr-2017
Lao People's Democratic Republic	0	0	0	3	0	3	NA	10-Jan-2016
Nigeria	0	0	0	0	4	1	20-Aug-2016	27-Oct-2016
Pakistan	3	0	13	0	20	1	10-Jun-2017	16-Dec-2016
Syrian Arab Republic	0	27	0	0	0	0	NA	5-Jun-2017