

# Polio this week as of 28 February 2018

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**Headlines:** 23 February marked 64 years since the first large-scale trial of inactivated polio vaccine (IPV). Developed by Joseph Salk, IPV was found to be safe and effective, and is now part of routine vaccination programs worldwide. Each year, it confers lifelong protection against polio to millions of young children.

Learn more about IPV by watching our brand new animation on the **two polio vaccines**, available in English, **French**, and **Arabic**.

Summary of newly-reported viruses this week: Afghanistan: Three new wild poliovirus type 1 (WPV1) positive environmental samples have been reported in Nangarhar province. Pakistan: Four new WPV1 positive environmental samples have been reported, two collected in Sindh province, one in Khyber Pakhtunkhwa province, and one in Balochistan province.

**Afghanistan:** **No new cases of wild poliovirus type 1 (WPV1) were reported in the past week.**

The total number of officially reported WPV1 cases in Afghanistan in 2018 remains **three**.

The most recent case (by date of onset) was reported in Spinboldak district, Kandahar province, with onset on 6 January 2018.

**Pakistan:** **No new cases of wild poliovirus type 1 (WPV1) were reported in the past week.**

The total number of officially reported WPV1 cases in Pakistan in 2017 remains eight. There are no cases reported in 2018.

The most recent case (by date of onset) was reported in Zhob district, Balochistan province, with onset on 15 November 2017.

**Nigeria:** **No new cases of wild poliovirus type 1 (WPV1) were reported in the past week.**

The total number of WPV1 cases for 2016 is four and no cases have been reported in 2017 or 2018.

The most recent case (by date of onset) was reported in Monguno Local Government Area, Borno, with onset on 21 August 2016.

## Wild poliovirus type 1 and Circulating vaccine-derived poliovirus cases

Total cases	Year-to-date 2018		Year-to-date 2017		Total in 2017	
	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV
Globally	2	0	3	0	22	95
—In Endemic Countries	2	0	3	0	22	0
—In Non-endemic Countries	0	0	0	0	0	95

## Case breakdown by country

Countries	Year-to-date 2018		Year-to-date 2017		Total in 2017		Onset of paralysis of most recent case	
	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV
Afghanistan	2	0	2	0	14	0	5-Jan-2018	NA
Democratic Republic Of The Congo	0	0	0	0	0	21	NA	2-Dec-2017
Pakistan	0	0	1	0	8	0	14-Nov-2017	NA
Syrian Arab Republic	0	0	0	0	0	74	NA	20-Sep-2017

NA: Onset of paralysis in most recent case is prior to 2017. Figures exclude non-AFP sources. All cVDPV are type2. cVDPV definition: see document "Reporting and classification of vaccine-derived polioviruses" at [\[pdf\]](#)