

THIS WEEK

Polio this week as of 9 August 2017

- The United Kingdom has announced 100 million in new funding to polio eradication to meet the final challenges. [Details](#).
- Front-line worker Khalida in Pakistan: part of building trust in vaccines. [More](#).
- Summary of newly-reported viruses this week: two positive environmental samples of wild poliovirus type 1 in Pakistan and one in Afghanistan; three new cases of circulating vaccine-derived poliovirus in Syria and three in the Democratic Republic of the Congo. Details in country-specific sections below.

Wild poliovirus type 1 and Circulating vaccine-derived poliovirus cases

Total cases	Year-to-date 2017		Year-to-date 2016		Total in 2016	
	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV
	Globally	8	37	19	3	37
—in endemic countries	8	0	19	0	37	2
—in non-endemic countries	0	37	0	3	0	3

Case breakdown by country

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	19-Jun-2017

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
democratic republic of the congo	0	7	0	0	0	0	NA	13-Jun-2017
lao people's democratic republic	0	0	0	3	0	3	NA	11-Jan-2016
nigeria	0	0	0	0	4	1	21-Aug-2016	28-Oct-2016
pakistan	3	0	13	0	20	1	11-Jun-2017	17-Dec-2016
syrian arab republic	0	30	0	0	0	0	NA	16-Jun-2017

NA: onset of paralysis in most recent case is prior to 2016. Figures exclude non-AFP sources. Lao PDR cVDPV1, all others cVDPV2. cVDPV definition: see document “Reporting and classification of vaccine-derived polioviruses” at [\[pdf\]](#)

Weekly country updates as of 9 August 2017

[Afghanistan](#)

- No new wild poliovirus type 1 (WPV1) cases were reported in the past week. The total number of WPV1 cases for 2017 remains five. The most recent case in the country had onset of paralysis on 19 June from Kandahar. One new WPV1-positive environmental sample was reported in the past week, collected on 7 July from Lashkargah in Hilmand province.
- Preparations are continuing for the next round of the National Immunization Days starting on 14th August. There is special focus on ensuring high quality vaccination drive in the southern region of the country.
- Read the WHO Afghanistan [polio snapshot](#) for June.

[Pakistan](#)

- No new wild poliovirus type 1 (WPV1) case was reported in the past week; the total number of WPV1 cases for 2017 remains three. The

most recent case in the country had onset of paralysis on 11 June, from Killa Abdullah, Balochistan.

- Two new WPV1-positive environmental samples were reported in the past week, the most recent collected on 19 July, from Karachi in Sindh.
- A special vaccination round is being implemented during August 2017 targeting areas with recent polio cases and positive environmental samples. These include Rawalpindi / Islamabad and demographically connected areas of Khyber Pakhtunkhwa, Quetta Block and parts of Karachi.
- Under the National Emergency Action Plan for polio eradication, the country is planning to implement two nation-wide and two sub-national vaccination rounds from September to December 2017.
- Read the Pakistan [polio update](#) for June.

[Nigeria](#)

- No new cases of wild poliovirus type 1 (WPV1) were reported in the past week. The total number of WPV1 cases for 2016 remains four and no cases have been reported in 2017. The most recent case had onset of paralysis on 21 August 2016 in Monguno Local Government Area (LGA), Borno.
- Nigeria continues to implement emergency response to the detected WPV1 strain and circulating vaccine-derived poliovirus type 2 (cVDPV2) strains affecting the country (last detected in 2016).
- Detection of the polio cases in Nigeria underscores the risk posed by low-level undetected transmission and the urgent need to strengthen subnational surveillance.

[Lake Chad Basin](#)

- The detection of wild poliovirus type 1 (WPV1) (Borno, Nigeria in 2016) and circulating vaccine-derived poliovirus type 2 (cVDPV2) (Borno and Sokoto provinces in Nigeria in 2016) continue to pose a risk to the neighbouring countries of the Lake Chad basin and hence an outbreak response plan is being implemented as part of the response to the Nigeria outbreak.

- Emergency outbreak response efforts continue across the Lake Chad basin, together with activities to fill subnational surveillance gaps across the region.

Central Africa

- Three new cases of type 2 circulating vaccine-derived poliovirus (cVDPV2) were reported in the past week in the Democratic Republic of the Congo (DR Congo). This brings the total number of cases this year to seven, in two separate outbreaks of cVDPV2: in Haut Lomami province (five cases, with onset of paralysis of the most recent case on 13 June); and in Maniema province (two cases with onset of paralysis on 26 March and 18 April, with an additional isolate detected in a healthy individual with sample collection on 2 May).
- Confirmation of additional cases is not unexpected at this time. Outbreak response is taking place, including use of monovalent oral polio vaccine type 2 (mOPV2) in line with internationally-agreed outbreak response protocols, targeting more than 750,000 children under the age of five across the two provinces.
- The first mOPV2 round was implemented on 27-29 June in the two affected provinces; and the second mOPV2 round ran from 13-15 July in Haut Lomami and 20-22 July in Maniema.
- Surveillance and immunization activities are being strengthened in neighbouring countries.

The Middle East

- In Syria, three new cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) were officially confirmed at WHO headquarters in the past week, bringing the total number of cases in this outbreak to 30. Onset of paralysis of these cases is between 3 March and 16 June. Twenty-nine of the cases are from Mayadeen district, Deir Ez-Zour governorate, and one case is from Talabyad district, Raqqa governorate.
- Confirmation of additional cases is not unexpected at this time and would not change the operational situation, as outbreak response plans are being finalized and implemented, in line with internationally-agreed outbreak response protocols. Two vaccination campaigns are planned for both Deir Ez-Zour and Raqqa governorates.

If there is geographic spread, the extent of these campaigns will have to be adjusted.

- The first mOPV2 round in Deir Ez-Zour was successfully carried out between 22-26 July. Independent post-campaign monitoring reflected coverage of 88.4% (based on caregiver recall). The second round is planned for 19-23 August, and will include mOPV2 and IPV.
 - Raqqa Governorate plans to start mOPV2 campaigns on 12 August.
 - Plans are being finalized to mitigate the risks of further spread from the outbreak zone to neighbouring areas and countries, including immunization of at-risk populations in northwest Syria, Turkey and Lebanon.
-

Viewed using [Just Read](#)