

This Week

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Polio this week as of 14 August 2019.

- The Thirty-third meeting of the Eastern Mediterranean Regional Commission for Certification of Poliomyelitis Eradication was held in Muscat, Oman, to review the regional epidemiology. The meeting brought together members of the RCC, chairpersons of the National Certification Committees, polio programme representatives, and WHO staff from the headquarters, regional, and the endemic countries. Read [more](#).
- Summary of new viruses this week: Afghanistan — three wild poliovirus type 1 (WPV1)-positive environmental samples; Pakistan — five wild poliovirus type 1 (WPV1) case and five WPV1-positive environmental samples; Nigeria — two circulating vaccine-derived poliovirus type 2 (cVDPV2) cases, one cVDPV2-positive environmental sample; Democratic Republic of the Congo (DRC) — two cVDPV2 cases; Angola — two cVDPV2 cases; Benin — one cVDPV2 case. See country sections below for more details.

Wild poliovirus type 1 and Circulating vaccine-derived poliovirus cases

Total cases	Year-to-date 2019		Year-to-date 2018		Total in 2018	
	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV
	Globally	65	51	18	53	33
— in endemic countries	65	15	18	8	33	34
— in non-endemic countries	0	36	0	45	0	70

Case breakdown by country

Countries	Year-to-date 2019		Year-to-date 2018		Total in 2018		Onset of paralysis of most recent case	
	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV
	afghanistan	12	0	14	0	21	0	26-May-2019
angola	0	5	0	0	0	0	NA	21-Jun-2019
central african republic	0	4	0	0	0	0	NA	23-Jun-2019
china	0	1	0	0	0	0	NA	25-Apr-2019

Countries	Year-to-date 2019		Year-to-date 2018		Total in 2018		Onset of paralysis of most recent case	
	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV
democratic republic of the congo	0	17	0	16	0	20	NA	5-Jul-2019
ethiopia	0	1	0	0	0	0	NA	20-May-2019
indonesia	0	0	0	0	0	1	NA	27-Nov-2018
mozambique	0	0	0	0	0	1	NA	21-Oct-2018
myanmar	0	3	0	0	0	0	NA	14-Jun-2019
niger	0	1	0	3	0	10	NA	3-Apr-2019
nigeria	0	15	0	8	0	34	NA	20-Jun-2019
pakistan	53	0	4	0	12	0	21-Jul-2019	NA
papua new guinea	0	0	0	16	0	26	NA	18-Oct-2018
somalia	0	3	0	10	0	12	NA	8-May-2019

NA: Onset of paralysis in most recent case is prior to 2017. Figures exclude non-AFP sources. In 2018, cVDPV includes all three serotypes 1, 2 and 3.

For Somalia: 1 cVDPV2 and cVDPV3 isolated from one AFP case.

cVDPV definition: see document "Reporting and classification of vaccine-derived polioviruses" at [\[pdf\]](#).

Weekly country updates as of 14 August 2019

[Afghanistan](#)

- No wild poliovirus type 1 (WPV1) case has been reported in the past week. There are 12 WPV1 cases reported in 2019. There were 21 WPV1 cases reported in 2018.
- Three WPV1-positive environmental samples were reported in the past week: two from Kandahar district, Kandahar province, and one from Lashkargarh, Hilmand province. The samples were collected on 24 July 2019.
- Read the latest polio update from [Afghanistan](#) to see information on cases, surveillance and vaccination campaigns.

[Pakistan](#)

- Five wild polioviruses type 1 (WPV1) cases were reported in the past week: three from Bannu district and one from Charsadda district, Khyber Pakhtunkhwa province; and, one from South Waziristan, Khyber Pakhtunkhwa province. All cases had onset of paralysis in July 2019. There are 53 WPV1 cases in 2019 and 12 WPV1 cases were reported in 2018.
- Five WPV1-positive environmental samples were reported in the past week: one each from Lahore, Multan, and Faisalabad districts, Punjab province; one from Landhi Town, Karachi district, Sindh province; and, one from Quetta district, Balochistan province. The samples were collected between 17–20 July 2019.
- Read the latest polio update from [Pakistan](#) to see information on cases, surveillance and vaccination campaigns.

[Nigeria](#)

- Two cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) were reported in the past week: one each from Ankpa and Ibaji districts, Kogi State. The onsets of paralysis were on 13 and 20 June 2019. There are 16 cVDPV2 cases reported in 2019. There were 34 cVDPV2 cases in 2018.
- One cVDPV2-positive environmental sample was reported in the past week from Ilorin East, Kwara State. The sample was collected on 13 July 2019.
- Read our [Nigeria](#) country page to see information on surveillance and vaccination campaigns.

[Niger](#)

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) has been reported in the past week.
- In the Lake Chad region, cVDPV2 linked to the outbreak originating in Nigeria has been detected in Niger (one case in 2019 and ten cases in 2018), and Cameroon (one positive environmental sample, collected on 20 April 2019 in Extreme Nord).
- The risk of further cVDPV2 spread across the Lake Chad subregion remains high.
- Read our [Niger](#) country page to see information on surveillance and vaccination campaigns.

[Benin](#)

- One cVDPV2 case was reported in the past week in Benin in Kalalé district, Borgou State, with onset of paralysis on 7 July 2019 outbreak in Nigeria. This is the first ever cVDPV case reported in Benin.
- The risk of further cVDPV2 spread across West Africa remains high.
- Read our [Benin](#) country page to see information on surveillance and vaccination campaigns.

[Ghana](#)

- No cVDPV2-positive environmental sample was reported in the past week. One cVDPV2-positive environmental positive had previously been reported from Ghana, linked to virus circulating in [Nigeria](#)

- Surveillance is being strengthened in neighbouring Togo, Côte d'Ivoire and Burkina Faso.
- The risk of further cVDPV2 spread across West Africa remains high.
- Read our [Ghana](#) country page to see information on surveillance and vaccination campaigns.

[Democratic Republic of the Congo \(DR Congo\)](#)

- Two cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) have been reported this week: one each from Malemba-Nkuku and Mukanga districts, Haut Lomami State. There are 17 reported cases of cVDPV2 in 2019. There were 20 cVDPV2 cases reported in 2018. DRC is currently affected by nine separate cVDPV2 outbreaks; one each originated in Haut Katanga, Mongala, Sankuru, Tanganika, Tshopo, Kasai, Kasai Central, and two in Haut Lomami provinces.
- Read our [Democratic Republic of the Congo](#) country page to see information on surveillance and vaccination campaigns.
- Learn more about [vaccine-derived polioviruses](#) through this short animation or this '[Coffee with Polio Experts](#)'

[Angola](#)

- Two cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) have been reported this week in Zacaria Amando and Xa Muteba districts, Lunda Norte State. The onsets of paralysis were on 1 and 21 July 2019. There is a total of five cVDPV2 cases from three outbreaks reported in 2019.
- Read our [Angola](#) country page for more information.

[Central African Republic](#)

- There are four reported cases from four different outbreaks of cVDPV2 in 2019. Additional confirmed cVDPV2 community contact have been reported in CAR.
- No environmental samples were reported.
- Read our [Central African Republic](#) country page for more information.

[Horn of Africa](#)

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) has been reported in the past week.
- Somalia has reported a total of 15 cVDPV cases (eight type 2, six type 3 and one coinfection of both type 2 and type 3) since the beginning of the outbreaks. The most recent cVDPV3 virus was from an AFP case from Runingod district, Middle Shabelle province with an onset date of paralysis on 7 September 2018. Circulating VDPV2 has also been detected during 2018 in one environmental sample in Kenya collected on 21 March 2018. There is also one reported case of cVDPV2 in Ethiopia, linked to Somalia, with onset on 20 May 2019.
- Learn more about [vaccine-derived polioviruses](#) through this short animation or this '[Coffee with Polio Experts](#)'

[Papua New Guinea](#)

- No new cases of circulating vaccine-derived poliovirus type 1 (cVDPV1) were reported this week. There were 26 cases reported in 2018.
- Read our [Papua New Guinea](#) country page to see information on surveillance and vaccination campaigns.

[Mozambique](#)

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) outbreak has been reported this week. There was one case reported in 2018.
- Read our [Mozambique](#) country page to see information on cases, surveillance and response to the developing outbreak.

[Indonesia](#)

- No circulating vaccine-derived poliovirus type 1 (cVDPV1) cases were reported this week.
- This outbreak is not linked to the cVDPV1 in neighbouring Papua New Guinea.
- Learn more about Indonesia polio outbreak response through weekly [situational report](#).

[Iran](#)

- No new WPV1-positive environmental samples were reported in the past week. In total, three WPV1-positive environmental samples have been reported in 2019, all from Sistan and Balochistan and genetically linked to WPV1 circulating in Karachi, Pakistan.
- Read our [Iran](#) country page to see information on surveillance and latest travel advisory.

[China](#)

- No cVDPV2 cases were reported in the past week. The total number of cVDPV2 cases in the country remains one.
- Learn more about [vaccine-derived polioviruses](#) through this short animation or this [‘Coffee with Polio Experts’](#) video.
- Read our [China](#) country page to see information on cases, surveillance and response to the developing outbreak.

[Myanmar](#)

- No case of circulating vaccine-derived poliovirus type 1 (cVDPV1) has been reported. There are three reported cases of cVDPV1 in 2019.
- Learn more about [vaccine-derived polioviruses](#) through this short animation or this [‘Coffee with Polio Experts’](#) video.
- Read our [Myanmar](#) country page to see information on cases, surveillance and response to the developing outbreak.