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This Week

This Week

Polio this week as of 11 September 2019

- The Global Polio Eradication Initiative (GPEI) partners and the United Arab Emirates co-hosted an informal reception as a pre-event ahead of the Polio Pledging Moment in the United Arab Emirates' -hosted Reaching the Last Mile Forum in Abu Dhabi, in November 2019. The GPEI also presented the 2019–2023 GPEI Investment Case. Read [more](#).
- Environmental poliovirus surveillance supplements surveillance for acute flaccid paralysis (AFP) and plays a very important role in providing evidence of silent transmission of the poliovirus. Take a look at this [photo story](#).
- Summary of new viruses this week: Afghanistan — one wild poliovirus type 1 (WPV1) case; Pakistan— four wild poliovirus type 1 (WPV1) cases and 28 WPV1-positive environmental samples; Central African Republic (CAR)— two circulating vaccine-derived poliovirus type 2 (cVDPV2) cases and one cVDPV2-positive environmental sample; Democratic Republic of the Congo (DRC)— 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	78	72	21	78	33
— in endemic countries	78	15	21	18	33	34

Total cases	Year-to-date 2019		Year-to-date 2018		Total in 2018	
	WPV	cVDPV	WPV	cVDPV	WPV	cVDPV
	— in non-endemic countries	0	57	0	60	0

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	16	0	16	0	21	0	2-Aug-2019
angola	0	8	0	0	0	0	NA	12-Jul-2019
central african republic	0	6	0	0	0	0	NA	30-Jul-2019
china	0	1	0	0	0	0	NA	25-Apr-2019
democratic republic of the congo	0	30	0	18	0	20	NA	26-Jul-2019
ethiopia	0	2	0	0	0	0	NA	22-Jul-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	4	0	0	0	0	NA	23-Jul-2019
niger	0	1	0	7	0	10	NA	3-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
	nigeria	0	15	0	18	0	34	NA
pakistan	62	0	5	0	12	0	20-Aug-2019	NA
papua new guinea	0	0	0	23	0	26	NA	18-Oct-2018
somalia	0	3	0	12	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 11 September 2019

[Afghanistan](#)

- One wild poliovirus type 1 (WPV1) case was reported this week from Tirinkot district, Uruzgan province. The onset of paralysis was on 2 August 2019. There are 16 WPV1 cases reported in 2019. There were 21 WPV1 cases reported in 2018.
- No WPV1-positive environmental sample was reported in the past week.
- Read the latest polio update from [Afghanistan](#) to see information on cases, surveillance and vaccination campaigns.

[Pakistan](#)

- Four wild poliovirus type 1 (WPV1) cases were reported this week: one each from Killa Abdullah district, Balochistan province; Lakki

Marwat and South Waziristan districts, Khyber Pakhtunkhwa province; and, Orangi Town, Karachi district, Sindh province. The onsets of paralysis were on 8, 5, and 20 August 2019 respectively. There are 62 WPV1 cases reported in 2019. There were 12 WPV1 cases reported in 2018.

- 28 WPV1-positive environmental samples were reported this week: three from Quetta district and one from Dera Bugti district, Balochistan province; one from Islamabad, Federal Capital Territory; one from Bannu district, Khyber Pakhtunkhwa province; five from Lahore district, Punjab province; three from Gadap town, two from Gulshan-e-Iqbal, one each from Korangi, Landhi, Saddar, S.I.T.E Town, Liaqat Town, and Baldia Town, Karachi district, Sindh province; two from Sukkur, and one each from Dadu, Jacobabad, Hyderabad and Kambar districts, Sindh province. The samples were collected between 1–26 August 2019.
- Read the latest polio update from [Pakistan](#) to see information on cases, surveillance and vaccination campaigns.

[Nigeria](#)

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week.
- There are 15 cVDPV2 cases reported in 2019. There were 34 cVDPV2 cases in 2018.
- Read our [Nigeria](#) country page to see information on surveillance and vaccination campaigns.

[Lake Chad](#)

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this 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](#)

- No case of cVDPV2 was reported this week. There is one cVDPV2 case in 2019.
- 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 case of cVDPV2 was reported this week. There is one cVDPV2 case in 2019.
- 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 \(DR Congo\)](#)

- One case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week from Lwamba district, Haut Lomami province. The onset of paralysis was on 26 July 2019. There are 30 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, Tshuapa, 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’](#) video

[Angola](#)

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There is a total of 8 cVDPV2 cases from 3 outbreaks reported in 2019.

- Learn more about [vaccine-derived polioviruses](#) through this short animation or this [‘Coffee with Polio Experts’](#) video.
- Read our [Angola country page](#) for more information

[Central African Republic](#)

- Two cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) were reported this week from Mbaiki and Bimbo districts, RS1 State. The onsets of paralysis were on 30 July 2019 for both. There are six reported cases in 2019.
- There are six reported cases from five different outbreaks of cVDPV2 in 2019. Additional confirmed cVDPV2 community contact have been reported in CAR.
- One cVDPV2-positive environmental sample was reported in 6e arrondissement, RS7 State. The sample was collected on 31 July 2019.
- Read our [Central African Republic country page](#) for more information.

[Horn of Africa](#)

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There are two cVDPV2 cases reported in 2019.
- 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 are also two reported cases of cVDPV2 in Ethiopia, linked to Somalia in 2019.
- Learn more about [vaccine-derived polioviruses](#) through this short animation or this [‘Coffee with Polio Experts’](#) video.

[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.

- Learn more about [vaccine-derived polioviruses](#) through this short animation or this [‘Coffee with Polio Experts’](#) video
- 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.
- Learn more about [vaccine-derived polioviruses](#) through this short animation or this [‘Coffee with Polio Experts’](#) video
- 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. One cVDPV1 case was reported in 2018 from Papua province with onset of paralysis on 28 November 2018.
- 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 this week. In total, three WPV1-positive environmental samples have been reported in 2019, all from Sistan and Balochistan province. The isolated viruses have been detected in environmental samples only, and genetic sequencing confirms they are linked to WPV1 circulating in Karachi, Pakistan.
- Read our [Iran](#) country page to see information on surveillance and latest travel advisory.

[China](#)

- No cVDPV2 case was 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) was reported this week. There are four 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.
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