This Week

Polio this week as of 13 November 2019

- Besides Acute Flaccid Paralysis surveillance and Environmental surveillance, how else do disease surveillance officers track the poliovirus in populated cities, hard-to-reach geographical areas and in conflict zones? Find out here.
- With the current VDPV outbreaks in the Philippines, the Government with the support of GPEI and other partners is working hard to tackle the virus. The Government has pledged US$ 9 million in domestic resources and has to date disbursed US$ 6.7 million, complemented by contributions from the GPEI. Read the country’s latest situation report.
- Summary of new viruses this week (AFP cases and ES positives): Pakistan — two WPV1 cases, three WPV1–positive environmental samples, seven cVDPV2 cases and nine cVDPV2 positive environmental samples; Nigeria – one cVDPV2 case; Democratic Republic of the Congo (DR Congo)- eight cVDPV2 cases; Angola—three cVDPV2 cases; Chad — two cVDPV2 community contacts; Côte d’Ivoire– one cVDPV2 positive environmental sample.

See country sections below for more details.

Wild poliovirus type 1 and Circulating vaccine-derived poliovirus cases

<table>
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<th>Total cases</th>
<th>Year-to-date 2019</th>
<th>Year-to-date 2018</th>
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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 13 November 2019**
Afghanistan

- No wild poliovirus type 1 (WPV1) case was reported this week. There are 20 WPV1 cases reported in 2019. There were 21 WPV1 cases reported in 2018.
- Read the latest polio update from Afghanistan to see information on cases, surveillance and vaccination campaigns.

Pakistan

- Two wild poliovirus type 1 (WPV1) cases were reported: both from Lakki Marwat in Khyber Pakhtunkhwa province. The onsets of paralysis were 21 October 2019. There are now 82 WPV1 cases reported in 2019. There were 12 WPV1 cases in 2018.
- Three WPV1-positive environmental samples were reported: One each from Lahore and Karachi site in Punjab and Sindh provinces respectively and one from Rawalpindi in Punjab province. The samples were collected between 6 August and 25 October 2019.
- Seven cVDPV2 cases were reported: Four from Diamer in Gilgit Baltistan province, one each from Torghar and Kohistan Lower in Khyber Pakhtunkhwa province and one from CDA in Islamabad. The onsets of paralysis were between 7 July and 10 October 2019.
- Nine cVDPV2 positive environmental samples were reported: Three from Rawalpindi in Punjab province, two from Diamer, one from Gilgit in Gilgit Baltistan province, one from Abbotabad in Khyber Pakhtunkhwa province and one each from Lahore and Karachi site in Punjab and Sindh provinces respectively. The samples were collected between 11 April and 9 October 2019.
- Read the latest polio update from Pakistan to see information on cases, surveillance and vaccination campaigns.

Nigeria

- One case of circulating vaccine–derived poliovirus type 2 (cVPDV2) was reported this week from Olamaboro in Kogi province. The onset of paralysis was on 02 October 2019.
- There are 17 cVDPV2 cases reported in 2019. There were 34 cVDPV2 cases in 2018.
- Read our Nigeria country page for more information.
**Chad**

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There is one cVDPV2 case in the country linked to the Jigawa outbreak in Nigeria.
- 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 circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There are two cVDPV2 cases in 2019 linked to the Jigawa outbreak in Nigeria.
- 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 circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There are five cVDPV2 cases in 2019 linked to the Jigawa outbreak in Nigeria.
- The risk of further cVDPV2 spread across West Africa remains high.
- Read our [Ghana](#) country page for more information.

**Democratic Republic of the Congo (DR Congo)**

- Eight cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) were reported this week: One each from Koshibanda and Gungu in Kwilu province, three from Bena-Dibele in Sankuru, two from Kinkondja in Haut Lomami and one from Popokaback in Kwango province. The onsets of paralysis were between 18 and 28 September 2019. There are 42 cVDPV2 cases in 2019 and 20 in 2018.
- Read our [Democratic Republic of the Congo country page](#) for more information.
Learn more about vaccine-derived polioviruses through this short animation or this ‘Coffee with Polio Experts’ video.

**Angola**

- Three cases of cVDPV2 were reported this week: One each from Longondjo in Huambo province, Quimbele in Uige province and in Moxico province. The onsets of paralysis were between 23 September and 01 October 2019. There are now 41 cVDPV2 cases from seven 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**

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There are 14 reported cases in 2019 from six different outbreaks of cVDPV2 in 2019.
- Read our Central African Republic country page for more information.

**Côte d’Ivoire**

- One cVDPV2 positive environmental sample was reported from Adjame-Plateau-Attecoube in Abidjan province. The sample was collected on 26 September 2019. This positive sample is linked to the Jigawa outbreak in Nigeria.
- Read our Côte d’Ivoire country page for more information.

**Togo**

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There is one cVDPV2 case in the country which is linked to Jigawa outbreak in Nigeria.
- Read our Togo country page for more information.

**Zambia**

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2)
outbreak in the country.

- Read our [Zambia](#) country page for more information.

**Horn of Africa**

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There are three cVDPV2 cases reported in Ethiopia in 2019, all linked to the outbreak in neighbouring Somalia.
- 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 circulating vaccine-derived poliovirus type 1 (cVDPV1) cases were reported this week. There are six 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.
- No circulating vaccine-derived poliovirus type 1 (cVDPV1) cases were reported this week. There are three reported cases of cVDPV2 in 2019.
- Read our Philippines country page for more information.