This Week

Polio this week as of 06 November 2019

- The GPEI is pleased to announce that the UK Government has confirmed its commitment to eradicating polio by pledging a £400 million contribution for the next four years, which will help vaccinate more than 400 million children a year. Read more on the remarkable announcement.
- Are you an immunization expert interested in serving on the Strategic Advisory Group of Experts (SAGE) on polio? The call for nominations for membership on the working group has now been issued, targeting individuals to submit their nominations.
- Want to know the future of polio eradication efforts in Africa? Then stay tuned for a Facebook live interview with Dr Pascal Mkanda, chief polio expert in the WHO African Region, on 08 November 2019 at 10:00am, West Africa Time.
- Summary of new viruses this week (AFP cases and ES positives): Afghanistan— one WPV1 case and one WPV1 positive environmental sample; Pakistan— three WPV1 cases and 19 WPV1-positive environmental samples; Angola— 7 cVDPV2 cases and one cVDPV2 positive environmental sample; Central African Republic— one cVDPV2 case and one cVDPV2 positive environmental sample; Cote d’Ivoire one cVDPV2 positive environmental sample; Ghana two cVDPV2 positive environmental samples; Philippines— one cVDPV2 case and four cVDPV2 positive environmental samples.

See country sections below for more details.

Wild poliovirus type 1 and Circulating vaccine-derived poliovirus cases
<table>
<thead>
<tr>
<th>Total cases</th>
<th>Year-to-date 2019</th>
<th>Year-to-date 2018</th>
<th>Total in 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WPV</td>
<td>cVDPV</td>
<td>WPV</td>
</tr>
<tr>
<td>Globally</td>
<td>100</td>
<td>93</td>
<td>29</td>
</tr>
<tr>
<td>—in endemic countries</td>
<td>100</td>
<td>16</td>
<td>29</td>
</tr>
<tr>
<td>—in non-endemic countries</td>
<td>0</td>
<td>77</td>
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**Case breakdown by country**

<table>
<thead>
<tr>
<th>Countries</th>
<th>Year-to-date 2019</th>
<th>Year-to-date 2018</th>
<th>Total in 2018</th>
<th>Onset of paralysis of most recent case</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WPV</td>
<td>cVDPV</td>
<td>WPV</td>
<td>cVDPV</td>
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<td>0</td>
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</tr>
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</tr>
<tr>
<td>Countries</td>
<td>Year-to-date 2019</td>
<td>Year-to-date 2018</td>
<td>Total in 2018</td>
<td>Onset of paralysis of most recent case</td>
</tr>
<tr>
<td>------------------</td>
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<td>--------------------------------------</td>
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<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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 06 November 2019**
Afghanistan

- One wild poliovirus type 1 (WPV1) case was reported from Bermal in Paktika province. The onset of paralysis was 28 September 2019. There are 20 WPV1 cases reported in 2019. There were 21 WPV1 cases reported in 2018.
- One WPV1 positive environmental sample was reported from Jalalabad in Nangarhar province. The sample was collected on 23 September 2019.
- Read the latest polio update from Afghanistan to see information on cases, surveillance and vaccination campaigns.

Pakistan

- Three wild poliovirus type 1 (WPV1) cases were reported: One from Sujawal in Sindh province and one each from Lakki Marwat and Tank in Khyber Pakhtunkhwa province. The onsets of paralysis were between 25 September and 11 October 2019. There are now 80 WPV1 cases reported in 2019. There were 12 WPV1 cases in 2018.
- 19 WPV1-positive environmental samples were reported: one from Rawalpindi and four from Lahore in Punjab province, one from Peshawar in Khyber Pakhtunkhwa province, two each from Quetta and Killa Abdullah, one each from Zhob, Khuzdar and Nsirabad, all in Balochistan province. In Sindh province, two samples were reported from Karachi Gadap and one each from Karachi Giqbal, Karachi Orangi, Karachi Landhi and Jacobabad. The samples were collected between 11 and 21 October 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 16 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.

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**

• Two cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) were reported this week; one each from Tamale Metropolitan and Central Gonja in the Northern province. The onsets of paralysis were 24 September and 4 October 2019. 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)**

• No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There are 35 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.
Seven cases of cVDPV2 were reported this week: One each from Cangandala in Malange province, Lonquimbale in Huambo province and in Mexico province. In Luanda province, two cases were reported in Kilamba Kiaxi and one each from Viana and Cucuaco. The onsets of paralysis were between 02 August and 17 September 2019. There are now a total of 36 cVDPV2 cases from seven outbreaks reported in 2019.

One cVDPV2 positive environmental sample was reported in Cazenga, Luanda province. The sample was collected on 10 September 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

One case of cVDPV2 was reported this week from Berberati in RS2 province. The onset of paralysis was on 31 August 2019. There are 14 reported cases in 2019 from six different outbreaks of cVDPV2 in 2019.

One cVDPV2 positive environmental sample was reported in Bangui, RS7 province. The sample was collected on 16 August 2019.

Read our Central African Republic 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) was reported this week. There is one cVDPV2 case from the first outbreak in the country.

Read our Zambia country page for more information.
• 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.

**Philippines**

- One case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week from Maguindanao in the Autonomous Region in Muslim Mindanao province. The onset of paralysis was
13 September 2019. There are three reported cases of cVDPV2 in 2019.

- Four cVDPV2 positive environmental samples were reported in Manila within the National Capital region. The samples were collected between 9–15 October 2019.
- Read our Philippines country page for more information.

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