Polio this week as of 22 January 2020

- The GPEI Polio Partners Group convened the eighth annual technical workshop on 6 December 2019 where a global overview of the status of poliovirus detection was presented among other polio updates. The meeting presentations are now available [here](#).
- Summary of new viruses this week (AFP cases and environmental samples):
  - Afghanistan: one WPV1 case and three WPV1-positive environmental samples
  - Pakistan: two WPV1 cases, four WPV1-positive environmental samples and six cVDPV2 cases
  - Democratic Republic of the Congo (DR Congo): ten cVDPV2 cases
  - Côte d’Ivoire: two cVDPV2 positive environmental samples
  - Ghana: two cVDPV2 positive environmental samples
  - Malaysia: two cVDPV1 cases
  - Philippines: two cVDPV2 cases and two cVDPV2 positive environmental samples
  - Togo: one cVDPV2 case

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 2020</th>
<th>Year-to-date 2019</th>
<th>Total in 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WPV</td>
<td>cVDPV</td>
<td>WPV</td>
</tr>
<tr>
<td>Globally</td>
<td>1</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>Countries</td>
<td>Year-to-date 2020 WPV</td>
<td>Year-to-date 2019 WPV</td>
<td>Total in 2019 WPV</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>----------------------</td>
<td>----------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>afghanistan</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>angola</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>benin</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>central african republic</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>chad</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>china</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>democratic republic of the congo</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>ethiopia</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>ghana</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Case breakdown by country**

<table>
<thead>
<tr>
<th>Total cases</th>
<th>Year-to-date 2020 WPV</th>
<th>Year-to-date 2019 WPV</th>
<th>Total in 2019 WPV</th>
<th>Year-to-date 2020 cVDPV</th>
<th>Year-to-date 2019 cVDPV</th>
<th>Total in 2019 cVDPV</th>
</tr>
</thead>
<tbody>
<tr>
<td>—in endemic countries</td>
<td>1</td>
<td>0</td>
<td>7</td>
<td>1</td>
<td>165</td>
<td>36</td>
</tr>
<tr>
<td>—in non-endemic countries</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>244</td>
</tr>
<tr>
<td>Countries</td>
<td>Year-to-date 2020</td>
<td>Year-to-date 2019</td>
<td>Total in 2019</td>
<td>Onset of paralysis of most recent case</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>------------------</td>
<td>------------------</td>
<td>--------------</td>
<td>--------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>myanmar</td>
<td>0 0</td>
<td>0 0</td>
<td>0 6</td>
<td>NA 9-Aug-2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>niger</td>
<td>0 0</td>
<td>0 0</td>
<td>0 1</td>
<td>NA 3-Apr-2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>nigeria</td>
<td>0 0</td>
<td>0 1</td>
<td>0 18</td>
<td>NA 9-Oct-2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pakistan</td>
<td>1 0</td>
<td>5 0</td>
<td>136 18</td>
<td>3-Jan-2020 21-Dec-2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>philippines</td>
<td>0 0</td>
<td>0 0</td>
<td>0 14</td>
<td>NA 30-Nov-2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>somalia</td>
<td>0 0</td>
<td>0 0</td>
<td>0 3</td>
<td>NA 8-May-2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>togo</td>
<td>0 0</td>
<td>0 0</td>
<td>0 7</td>
<td>NA 20-Dec-2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>zambia</td>
<td>0 0</td>
<td>0 0</td>
<td>0 2</td>
<td>NA 25-Nov-2019</td>
<td></td>
<td></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 22 January 2020**

**Afghanistan**
One wild poliovirus type 1 (WPV1) case was reported this week in Herat province bringing the total number of WPV1 cases reported in 2019 to 29.

Three WPV1 positive environmental samples were reported: one each from Nangarhar, Kandahar and Hilmand provinces.

Read the latest polio snapshot from Afghanistan to see information on cases, surveillance and vaccination campaigns.

**Pakistan**

Two wild poliovirus type 1 (WPV1) cases were reported this week from Khyber Pakhtunkhwa province, one of them being the first case in 2020. There were 136 cases in 2019.

Additionally, four WPV1-positive environmental samples were reported: one each from Punjab and FATA provinces and two from Balochistan province.

Six cVDPV2 cases were also reported: three from Khyber Pakhtunkhwa Tribal Districts (KPTD) and three from Khyber Pakhtunkhwa province bringing the total number of cVDPV2 cases reported in 2019 to 18.

Read the latest polio snapshot 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 were 18 cVDPV2 cases reported in 2019 and 34 cases reported in 2018.

Read our Nigeria country page country page for more information.

**Angola**

No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There were 88 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.
• No case of circulating vaccine–derived poliovirus type 2 (cVDPV2) was reported this week. There were seven 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 for more information.

Central African Republic

• No case of circulating vaccine–derived poliovirus type 2 (cVDPV2) was reported this week. There were 19 reported cases in 2019 from six different outbreaks of cVDPV2 in 2019.
• Read our Central African Republic country page for more information.

Chad

• No cVDPV2 cases were reported in the past week. The total number of cVDPV2 cases in 2019 remains three.
• The risk of further cVDPV2 spread across the Lake Chad subregion remains high.
• Read our Chad country page for more information.

China

• No cVDPV2 cases were reported this 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 for more information.

Côte d’Ivoire

• No case of circulating vaccine–derived poliovirus type 2 (cVDPV2) was reported this week.
• Two cVDPV2 positive environmental samples were reported from Abidjan 1 province and linked to the Jigawa outbreak in Nigeria.
• Read our Côte d’Ivoire country page for more information.

Democratic Republic of the Congo (DR Congo)
Ten cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) were reported this week: seven from Sankuru, one from Haut-Lomami and three from Kwilu provinces bringing the total number of 2019 cases to 73.

- 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.

**Ghana**

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. The total number of cVDPV2 cases reported in 2019 remains 12.
- Two cVDPV2 positive environmental samples were however reported within the Greater Accra province.
- The risk of further cVDPV2 spread across West Africa remains high.
- Read our Ghana country page for more information.

**Horn of Africa**

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week.
- There are total five cVDPV2 cases reported in Ethiopia in 2019, four of them are linked to the outbreak in neighbouring Somalia and the fifth case is part of the Ethiopian outbreak. 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 outbreak.
- Learn more about vaccine-derived polioviruses through this short animation or this ‘Coffee with Polio Experts’ video.

**Indonesia**

- No circulating vaccine-derived poliovirus type 1 (cVDPV1) case was 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 the latest situation report.

**Iran**

- No new WPV1-positive environmental samples were reported this week. In total, three WPV1-positive environmental samples were reported in 2019, all from Sistan and Balochistan province. The isolated viruses were detected in environmental samples only, and genetic sequencing confirms they are linked to WPV1 circulating in Karachi, Pakistan.
- Read our **Iran** country page for more information.

**Malaysia**

- Two cases of circulating vaccine-derived poliovirus type 1 (cVDPV1) were reported this week from Sabah province, bringing the total number of cases reported in 2019 to three.
- Read our **Malaysia** country page for more information.

**Myanmar**

- No circulating vaccine-derived poliovirus type 1 (cVDPV1) case was reported this week. There were six reported cases of cVDPV1 in 2019.
- Read our **Myanmar** country page for more information.

**Philippines**

- Two cVDPV2 cases were reported in the past week; one from the Southern Mindanao province and one from the National Capital Region, bringing the total number of cVDPV2 cases in 2019 to 13.
- Additionally, two cVDPV2 positive environmental samples were reported from the National Capital Region.
- Read our **Philippines** country page for more information.

**Togo**

- One case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week from Savanes province, bringing the total number of cVDPV2 cases for 2019 to seven.
• Read our Togo country page for more information.

Zambia

• No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. The total number of cVDPV2 cases reported in 2019 remains two.
• Read our Zambia country page for more information.

Viewed using Just Read