This Week

This Week

Polio this week as of 14 January 2020

- Pakistan intensifies cVDPV2 response efforts, focusing on comprehensive outbreak response, strengthened routine immunization, communication and enhanced surveillance. See ‘Pakistan’ section below for more details.
- Summary of new viruses this week (AFP cases and environmental samples):
  - Pakistan: seven WPV1 cases; and, five WPV1-positive environmental samples
  - Angola: two cVDPV2 cases
  - Benin: one cVDPV2 case
  - Central African Republic (CAR): two cVDPV2 cases
  - Ghana: one cVDPV2 case; and, six cVDPV2-positive environmental samples
  - Malaysia: one cVDPV1-positive environmental sample; and, one cVDPV2-positive environmental sample
  - Philippines: two cVDPV2 cases
  - Togo: two cVDPV2 cases

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>0</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>—in endemic countries</td>
<td>0</td>
<td>0</td>
<td>6</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>
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<td>-------------------</td>
</tr>
<tr>
<td>afghanistan</td>
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<td>0</td>
<td>0</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>
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<td>0</td>
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<tr>
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</tr>
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</tr>
<tr>
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</tr>
<tr>
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Total cases

<table>
<thead>
<tr>
<th></th>
<th>Year-to-date 2020</th>
<th>Year-to-date 2019</th>
<th>Total in 2019</th>
</tr>
</thead>
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<tr>
<td>—in non-endemic</td>
<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>countries</td>
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</table>

Case breakdown by country
<table>
<thead>
<tr>
<th>Countries</th>
<th>Year-to-date 2020 WPV</th>
<th>Year-to-date 2019 WPV</th>
<th>Total in 2019 WPV</th>
<th>Onset of paralysis of most recent WPV case</th>
<th>Onset of paralysis of most recent cVDPV case</th>
</tr>
</thead>
<tbody>
<tr>
<td>niger</td>
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<tr>
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<td>22-Nov-2019</td>
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<tr>
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<td>0</td>
<td>0</td>
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</tr>
<tr>
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<td>0</td>
<td>NA</td>
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</tr>
<tr>
<td>togo</td>
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<tr>
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</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 14 January 2020**

**Afghanistan**

- No new WPV1 cases were reported in the past week. The total number of WPV1 cases for 2019 remains 28.
- Read our [Afghanistan](#) country page for more information.
Pakistan

- Seven WPV1 cases were reported in the past week, from Sindh, Punjab and KP, bringing the total number of WPV1 cases reported in 2019 to 135.
- Additionally, five WPV1-positive environmental samples were reported in the past week, from Balochistan and Sindh.
- No new cVDPV2 cases were officially reported this week. Advance notification of six new cVDPV2 cases was received, and these will be officially reflected in next week’s data.
- In response to the cVDPV2 affecting the country, the Pakistan National Emergency Operations Centre continues to implement an intensified cVDPV2 response strategy. The primary objective of the Pakistan programme is to protect children from polio-paralysis, and is focusing on a four-pronged strategy:
  - Routine immunization: accelerated catch-up activities using IPV in areas at risk and across the country
  - Supplementary immunization: rapid response with at least two rounds of mOPV2 in areas with confirmed cVDPV2 circulation; and, strategic use of IPV (fractional and/or full dose) in high risk areas
  - Communication: focused on risk mitigation and in support of routine immunization
  - Surveillance: enhanced early detection
- Read our Pakistan country page for more information.

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 for more information.

Angola

- Two cVDPV2 cases were reported in the past week, from Huambo and Moxico provinces, bringing the total number of cVDPV2 cases for 2019 to 88.
- 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.

**Benin**

• One cVDPV2 case was reported in the past week, from Alibori province, linked to the Jigawa outbreak in Nigeria, bringing the total number of cVDPV2 cases in 2019 to seven.
• The risk of further cVDPV2 spread across West Africa remains high.
• Read our Benin country page for more information.

**Central African Republic**

• Two cVDPV2 cases were reported in the past week, from RS2 and RS3, bringing the total number of cVDPV2 cases in 2019 to 19.
• 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.
• Read our Côte d’Ivoire country page for more information.
- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There were 63 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.

Ghana

- One cVDPV2 case was reported in the past week, from Ahafo province, linked to the Jigawa outbreak in Nigeria. Additionally, six cVDPV2-positive environmental samples were reported. The total number of cVDPV2 cases reported in 2019 is 12.
- 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 were 5 cVDPV2 cases reported in Ethiopia 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.
- 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**

- No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There was one cVDPV1 case reported in 2019.
- One cVDPV2 and one cVDPV1 positive environmental samples were reported from Sabah province. The samples were collected on 19 November 2019.
- 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.
- Learn more about vaccine-derived polioviruses through this short animation or this ‘Coffee with Polio Experts’ video.
- Read our Myanmar country page for more information.

**Philippines**

- Two cVDPV2 cases were reported in the past week, from ARMM province, bringing the total number of cVDPV2 cases in 2019 to 11.
- No cVDPV1 cases were reported in the past week. The total number of cVDPV1 cases reported in 2019 remains one.
- Read our Philippines country page for more information.
Two cVDPV2 cases were reported in the past week, from Savanes and Plateaux province, one case linked to the Jigawa outbreak in Nigeria and the other one from the first outbreak in the country. This brings the total number of cVDPV2 cases in 2019 to six.

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.