Polio this week as of 1 June 2016

- Last week, health ministers from around the world met in Geneva for the annual World Health Assembly (WHA). Among other public health topics, delegates reviewed and discussed the latest global polio epidemiology and reaffirmed commitment to ending transmission in the remaining polio reservoirs. Read more

- At the 42nd G7 Summit on 26-27 May 2016 in Ise-Shima, Japan, G7 Leaders reaffirmed their continued commitment to polio eradication in the Ise-Shima leaders' statement. Read more

- The report of the Strategic Advisory Group of Experts on immunization from their meeting in April 2016 has been published, including a discussion on progress made towards polio eradication.

Wild poliovirus type 1 and Circulating vaccine-derived poliovirus cases

<table>
<thead>
<tr>
<th></th>
<th>Total cases</th>
<th>Year-to-date 2016</th>
<th>Year-to-date 2015</th>
<th>Total in 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>WPV</td>
<td>cVDPV</td>
<td>WPV</td>
</tr>
<tr>
<td>Globally</td>
<td></td>
<td>16</td>
<td>3</td>
<td>26</td>
</tr>
<tr>
<td>- in endemic countries</td>
<td></td>
<td>16</td>
<td>0</td>
<td>26</td>
</tr>
<tr>
<td>- in non-endemic countries</td>
<td></td>
<td>0</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>

Case breakdown by country

<table>
<thead>
<tr>
<th>Countries</th>
<th>Year-to-date 2016</th>
<th>Year-to-date 2015</th>
<th>Total in 2015</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>
</tr>
<tr>
<td>Afghanistan</td>
<td>5</td>
<td>0</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Pakistan</td>
<td>11</td>
<td>0</td>
<td>24</td>
<td>2</td>
</tr>
<tr>
<td>Guinea</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Lao PDR</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Madagascar</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
### Afghanistan

- No new cases of wild poliovirus type 1 (WPV1) were reported in the past week. The total number of WPV1 cases for 2016 remains five.
- No WPV1 environmental positive samples have been reported in 2016. The most recent environmental positive samples were collected on 27 December 2015 - one in Jalalabad in Nangarhar province and the second in the city of Kabul.
- Subnational Immunization Days (SNIDs) are underway in high risk areas from 1 – 7 June using the inactivated polio vaccine (IPV) and the bivalent oral polio vaccine (bOPV). Further SNIDs will take place on 18 – 22 July using bOPV. The next National Immunization Days (NIDs) will take place on 15 – 19 August.

### Pakistan

- No new cases of wild poliovirus type 1 (WPV1) were reported in the past week. The most recent case was from Bannu district in Khyber Pakhtunkhwa (KP) province with onset of paralysis on 26 April. The total number of WPV1 cases for 2016 remains 11, compared to 24 at this time in 2015.
- No new WPV1 environmental positive samples were reported in the past week. The most recent positive sample was collected in Peshawar district of Khyber Pakhtunkhwa on 22 April.
- Efforts continue to further strengthen immunization and surveillance activities in all provinces of the country.

### Lao People’s Democratic Republic

- No new cases of circulating vaccine-derived poliovirus type 1 (cVDPV1) were reported in the past week. The most recent case was reported in Fuang district of Vientiane province, with onset of paralysis on 11 January 2016. The total number of cVDPV1 cases in 2016 remains three and eight in 2015.
- Outbreaks of cVDPVs can arise in areas with low population immunity, emphasizing the importance of maintaining strong vaccination coverage.
- National Immunization Days using the bivalent oral polio vaccine are planned for June with dates to be confirmed.

### Madagascar

- No cases of circulating vaccine-derived poliovirus type 1 (cVDPV1) have been reported in 2016. The most recent case had onset of paralysis on 22 August 2015 from Sud-Ouest region. The total number of cVDPV1 cases for 2015 remains 10.
- The 2015 cases are genetically linked to the case with onset of paralysis in September 2014, indicating prolonged and widespread circulation of the virus. Learn more about vaccine derived polioviruses here.
- The third Outbreak Response Assessment in Madagascar found that the surveillance system is not yet strong enough to conclude that polio transmission has been interrupted. Thirty-nine high-risk districts have been identified to receive focused attention.

### Myanmar

- No cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) have been reported in 2016. The most recent case was isolated from a 16-month old child in Maungdaw, Rakhine, with onset of paralysis on 05 October. The total number of cVDPV2 cases in 2015 remains two.

### Nigeria

- No wild poliovirus type 1 (WPV1) cases have been reported in 2016. No cases were reported in 2015. The most recent case had onset of paralysis on 24 July 2014 in Sumaila Local Government Area (LGA), southern Kano state.
- No new environmental samples of type 2 circulating vaccine-derived poliovirus (cVDPV2) were reported this week. The most recent positive sample was collected in Maiduguri district of Borno state on 23 March 2016.
- Genetic sequencing of that isolated strain indicates it is most closely linked genetically to a cVDPV2 strain from Borno in November 2013 and last detected in May 2014, indicating the strain has been circulating without detection for almost two
years. A detailed field investigation is underway to strengthen active case searching for actual cases of acute flaccid paralysis and to increase the frequency of collection of environmental samples to ascertain the extent of circulation of this strain.

- A second campaign using monovalent oral polio vaccine type 2 will take place in the north east of Nigeria on 13 – 18 June, and the third campaign of the outbreak response is planned for 11 – 14 July. The Director General of the World Health Organization has authorized the vaccine release from the global stock pile.

West Africa

- No circulating vaccine-derived poliovirus type 2 (cVDPV2) cases have been reported from Guinea in 2016. The most recent case was reported from Kankan district, with onset of paralysis on 14 December. The total number of cVDPV2 cases for 2015 remains seven. The 2015 cases are genetically linked to the case with onset in August 2014.
- National Immunization Days (NIDs) are planned in August in Côte d'Ivoire, Guinea and Sierra Leone and Subnational Immunization Days (SNIDs) in Niger in September with dates to be confirmed. In October, NIDs are planned in Benin, Guinea, Liberia, Mali and Sierra Leone, and SNIDs in Mauritania.