



You are here: Data and monitoring &gt; Polio this week



## Polio this week

[Polio cases worldwide](#)[Wild poliovirus list](#)[Circulating vaccine-derived poliovirus](#)[Surveillance](#)[Polio eradication targets](#)

## Polio this week as of 14 October 2015

In Lao Democratic People's Republic a circulating vaccine-derived poliovirus type 1 (cVDPV1) outbreak has been confirmed, with one case, an eight year old boy who had onset of paralysis on 7 September. Outbreaks of cVDPVs can arise in areas of low population immunity, emphasizing the importance of strong vaccination coverage. [Learn more about VDPVs.](#)

Thirty five million children were reached with polio vaccines during the September campaigns in Pakistan. Nearly 3 million children who were previously missed were vaccinated during the catch up days following this campaign. 'Continuous community-protected vaccination' (community based vaccinators who carry out immunization activities on an ongoing basis) and health camps are helping to reach children in the most difficult to reach areas.

Last week, [the Independent Monitoring Board](#) met in London to assess progress towards polio eradication and to make recommendations for the coming months. The report is expected to be published in the next few weeks.

## Wild poliovirus type 1 and Circulating vaccine-derived poliovirus cases

| Total cases                | Year-to-date 2015 |       | Year-to-date 2014 |       | Total in 2014 |       |
|----------------------------|-------------------|-------|-------------------|-------|---------------|-------|
|                            | WPV               | cVDPV | WPV               | cVDPV | WPV           | cVDPV |
| Globally                   | 51                | 14    | 242               | 37    | 359           | 56    |
| - in endemic countries     | 51                | 1     | 223               | 37    | 340           | 52    |
| - in non-endemic countries | 0                 | 13    | 19                | 0     | 19            | 4     |

## Case breakdown by country

| Countries         | Year-to-date 2015 |       | Year-to-date 2014 |       | Total in 2014 |       | Onset of paralysis of most recent case |           |
|-------------------|-------------------|-------|-------------------|-------|---------------|-------|--|-----------|
|                   | WPV               | cVDPV | WPV               | cVDPV | WPV           | cVDPV | WPV                                    | cVDPV     |
| Afghanistan       | 13                | 0     | 12                | 0     | 28            | 0     | 06-Sep15                               | NA        |
| Pakistan          | 38                | 0     | 205               | 19    | 306           | 22    | 16-Sep-15                              | 13-Dec-14 |
| Cameroon          | 0                 | 0     | 5                 | 0     | 5             | 0     | 09-Jul-14                              | NA        |
| Equatorial Guinea | 0                 | 0     | 5                 | 0     | 5             | 0     | 03-May-14                              | NA        |
| Ethiopia          | 0                 | 0     | 1                 | 0     | 1             | 0     | 05-Jan-14                              | NA        |
| Guinea            | 0                 | 1     | 0                 | 1     | 0             | 1     | NA                                     | 20-Jul-15 |
| Iraq              | 0                 | 0     | 2                 | 0     | 2             | 0     | 07-Apr-14                              | NA        |
| Lao People's      |                   |       |                   |       |               |       |  |           |

|                      |   |   |   |    |   |    |           |           |
|----------------------|---|---|---|----|---|----|-----------|-----------|
| Democratic Republic  | 0 | 1 | 0 | 0  | 0 | 0  | NA        | 07-Sep-15 |
| Madagascar           | 0 | 9 | 0 | 0  | 0 | 1  | NA        | 07-Jul-15 |
| Nigeria              | 0 | 1 | 6 | 17 | 6 | 30 | 24-Jul-14 | 16-May-15 |
| Somalia              | 0 | 0 | 5 | 0  | 5 | 0  | 11-Aug-14 | NA        |
| South Sudan          | 0 | 0 | 0 | 0  | 0 | 2  | NA        | 12-Sep-14 |
| Syrian Arab Republic | 0 | 0 | 1 | 0  | 1 | 0  | 21-Jan-14 | NA        |
| Ukraine              | 0 | 2 | 0 | 0  | 0 | 0  | NA        | 07-Jul-15 |

NA: onset of paralysis in most recent case is prior to 2014. Figures exclude non-AFP sources. Madagascar & Ukraine cVDPV1, all others cVDPV2. cVDPV definition: see document "Reporting and classification of vaccine-derived polioviruses" at [http://www.polioeradication.org/Portals/0/Document/Resources/VDPV\\_ReportingClassification.pdf](http://www.polioeradication.org/Portals/0/Document/Resources/VDPV_ReportingClassification.pdf). Implementation as of 15 August 2015.

## Afghanistan

One new wild poliovirus type 1 (WPV1) cases was reported in the past week in Batikot district of Nangarhar with onset of paralysis on 4 September. This is the first case in this district in 2015. The most recent case had onset of paralysis on 6 September in Sherzad district of Nangarhar province. The total number of WPV1 cases for 2015 is now 13.

No new positive environmental samples were reported in the past week.

Mop-up campaigns are planned in Nangarhar on 18 – 20 October using bivalent oral polio vaccine (OPV), and Gulestan district of Farah using the inactivated polio vaccine (IPV) and bivalent OPV with dates to be confirmed. National Immunization Days (NIDs) will take place on 1 – 3 November using trivalent OPV and Subnational Immunisation Days (SNIDs) are planned from 29 November to 1 December in the south and east of the country using bivalent OPV. Further mop up campaigns will take place in Balabuluk and Khak-E-Safed districts of Farah in November.

## Pakistan

Two new wild poliovirus type 1 (WPV1) cases were confirmed in the past week, one in Chakwal district of Punjab and one in Karachi-Gulberg, Sindh. The most recent case had onset of paralysis on 16 September in Peshawar. The total number of WPV1 cases for 2015 is now 38, compared to 205 at this time last year.

No new type 2 circulating vaccine-derived poliovirus (cVDPV2) cases were reported in the past week, and no cases have been reported in 2015. The number of cVDPV2 cases reported in 2014 remains 22. The most recent case had onset of paralysis on 13 December 2014.

Five new environmental samples positive for WPV1 were reported in the last week. One was collected in Multan district of Punjab on 31 August; one in Peshawar district of Khyber Pakhtunkhwa, and one in Karachi-Gadap town, Sindh, both with collection date of 10 September; one in Sukkur district of Sindh on 11 September; and one in Quetta district of Balochistan on 12 September.

## Central Africa

No new wild poliovirus type 1 (WPV1) cases were reported in the past week. No cases have been reported in 2015. In 2014, 10 cases were reported in central Africa: 5 in Cameroon and 5 in Equatorial Guinea. The most recent case in central Africa was in Cameroon, with onset of paralysis on 9 July.

In October, National Immunization Days (NIDs) are planned in Angola, Chad, Equatorial Guinea and the Republic of Congo, and Subnational Immunization Days (SNIDs) in the Central African Republic and the Democratic Republic of the Congo, all using trivalent oral polio vaccine (OPV).

## Horn of Africa

No wild poliovirus type 1 (WPV1) cases have been reported in the past week and no cases have been reported in 2015. The total number of WPV1 cases that were reported in the Horn of Africa in 2014 was 6: 1 in Ethiopia (with onset of paralysis on 5 January) and 5 in Somalia. The most recent case of WPV1 in the Horn of Africa had onset of paralysis on 11 August 2014 in the Hobyo district of Mudug province, central Somalia.

No cases of type 2 circulating vaccine derived poliovirus (cVDPV2) have been reported in the past week. No cases have been reported in 2015. In 2014, 2 cases were reported in South Sudan. The most recent case of cVDPV2 had onset of paralysis in South Sudan on 12 September 2014.

Subnational Immunization Days (SNIDs) are planned in October in South Sudan with dates to be confirmed. In November, National Immunization Days (NIDs) are planned in Kenya and South Sudan and SNIDs in Ethiopia, Somalia and Sudan.

## Lao Democratic People's Republic

One new case of circulating vaccine-derived poliovirus type 1 (cVDPV1) was reported in Lao in the past week, in Bolikhanh district of Borikhamxay province, with onset of paralysis on 7 September. Based on epidemiological considerations and indications that the virus has been circulating for a prolonged period of time, this has been classified as circulating despite it being a single case. This case, an eight year old boy who had received zero doses of polio vaccine, is the only one reported in 2015.

Outbreaks of cVDPVs can arise in areas of low population immunity, emphasizing the importance of strong vaccination coverage. [Learn more about VDPVs.](#)

Planning is underway for an emergency outbreak response

## Madagascar

No new cases of circulating vaccine-derived poliovirus type 1 (cVDPV1) were reported in the past week. The most recent case had onset of paralysis in Mahajanga 1 district of Mahajanga province with onset of paralysis on 7 July. The total number of cVDPV1 cases for 2015 remains nine. The total number of cVDPV1 cases reported in 2014 was one.

The 2015 cases are genetically linked to the case reported in September 2014, indicating prolonged and widespread circulation of the virus. [Learn more about vaccine derived polioviruses here.](#)

The emergency outbreak response continues to be intensified. A third round of National Immunization Days (NIDs) are underway from 12 – 16 October using bivalent oral polio vaccine (OPV) and targeting an expanded age group, and in November a further NID using bivalent OPV will be held with dates to be confirmed.

## Middle East

No new wild poliovirus type 1 (WPV1) cases have been reported in the past week. No cases have been reported in 2015.

Three cases of WPV1 were reported in the Middle East in 2014 - 2 in Iraq and 1 in Syria.

The most recent case reported from Syria had onset of paralysis on 21 January 2014, while the most recent case in Iraq had onset of paralysis in Mada'in district, Baghdad-Resafa province, on 7 April 2014.

Phase III of the Middle East outbreak response is continuing to further strengthen vaccination services for vulnerable populations and to strengthen surveillance for polioviruses across the region.

## Nigeria

No new wild poliovirus type 1 (WPV1) cases were reported in the past week. No cases have been reported in 2015. Nigeria's total WPV1 case count for 2014 remains six. The most recent case had onset of paralysis on 24 July 2014 in Sumaila Local Government Area (LGA), southern Kano state.

No new cases of type 2 circulating vaccine-derived poliovirus (cVDPV2) were reported in the past week. The most recent case had onset of paralysis in Kwali Local Government Area (LGA), Federal Capital Territory (FCT) Abuja, with onset of paralysis on 16 May; this is the only cVDPV2 case reported in Nigeria in 2015.

In September [Nigeria was removed](#) from the list of polio-endemic countries following all samples in the polio laboratory being tested negative for wild poliovirus for a whole year following the most recent case on 24 July 2014. This is the first time that Nigeria has interrupted transmission of wild poliovirus, bringing the country and the African region closer than ever to being certified polio-free. Vigilance must be maintained to ensure that all children are reached with polio vaccines and that surveillance systems remain alert to polioviruses.

Subnational Immunization Days (SNIDs) are planned in the north of the country on 17 - 19 October using trivalent OPV and on 5 – 7 December using bivalent OPV.

## Ukraine

No new circulating vaccine-derived poliovirus type 1 (cVDPV1) cases have been reported in the past week. The most recent case had onset of paralysis on 7 July in the Zakarpatskaya oblast, in south-western Ukraine, bordering Romania, Hungary, Slovakia and Poland. The number of cVDPV1 cases reported in 2015 remains 2.

Ukraine had been at particular risk of emergence of a cVDPV, due to inadequate vaccination coverage. In 2014, only 50% of children were fully immunized against polio and other vaccine-preventable diseases.

Discussions are currently ongoing with national health authorities to plan and implement an urgent outbreak response. [More.](#)

## West Africa

No wild poliovirus type 1 (WPV1) cases have been reported in the past week. The most recent WPV1 case in West Africa (excluding Nigeria) occurred in Tahoua province, Niger, with onset of paralysis on 15 November 2012.

No new circulating vaccine-derived poliovirus type 2 (cVDPV2) cases were reported in the past week. The most recent case, a 19-month old boy, had onset of paralysis on 20 July in Guinea but was reported in Bamako, Mali. This case has officially been reassigned to Guinea. The closest genetic match to this case is from a case from Kankan, Guinea, from 30 August 2014.

Discussions are currently ongoing with national health authorities to plan and implement an urgent outbreak response following the cVDPV2 outbreak. [More.](#)

National Immunization Days (NIDs) are planned in Benin and Mali, and Subnational Immunization Days (SNIDs) in Burkina Faso, Ghana and Niger in October using trivalent oral polio vaccine (OPV). In November, SNIDs will take place in Mali and NIDs in Guinea.

