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## Wild Poliovirus Weekly Update

**5 May 2010**

Data as at 4 May 2010


[Map of polio cases worldwide](#)
[Wild poliovirus list 2000-2010 \(PDF\)](#)
[Monthly situation reports](#)

[Independent Monitoring Reports on Immunization Activities](#)
[Map of infected districts \(PDF\)](#)
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[Monthly case distribution, infected districts and surveillance indicators \(PDF\)](#)

### Information by country

Total cases	Year-to-date 2010	Year-to-date 2009	Total in 2009
Globally	115	396	1606
- in endemic countries:	44	294	1256
- in non-endemic countries:	71	102	350

### Case breakdown by country

Country	Year-to-date 2010	Year-to-date 2009	Total in 2009	Date of onset of most recent case
Tajikistan	32	0	0	14 April 2010
Pakistan	15	11	89	13 April 2010
Afghanistan	8	7	38	8 April 2010
Niger	2	13	15	1 April 2010
Senegal	16	0	0	28 March 2010
Chad	12	0	66	16 March 2010
Nigeria	2	236	388	12 March 2010
Mali	1	1	2	6 March 2010
Liberia	1	0	11	3 March 2010
Sierra Leone	1	0	11	28 February 2010
Mauritania§	4	0	13	22 February 2010
Angola	1	4	29	20 February 2010
Nepal	1	0	0	19 February 2010
India	19	40	741	7 February 2010
Guinea	0	0	42	8 November

				2009
Burkina Faso	0	8	15	25 October 2009
Cameroon	0	0	3	15 October 2009
Burundi	0	0	2	12 September 2009
CAR	0	1	14	9 August 2009
Côte d'Ivoire	0	5	26	6 August 2009
Kenya	0	10	19	30 July 2009
Sudan	0	31	45	27 June 2009
DRC	0	1	3	24 June 2009
Uganda	0	7	8	10 May 2009
Benin	0	15	20	19 April 2009
Togo	0	5	6	28 March 2009

### Headlines

- Tajikistan has launched its response to a large wild poliovirus type 1 (WPV1) outbreak, with a national immunization activity being launched on 1 May in Dushanbe, the capital. As of this week, 32 WPV1 cases have been confirmed. For full details, see 'Tajikistan' section.
- At the T20 cricket world cup in St Lucia, the Indian and Afghanistan cricket teams came together at a media event to urge parents to immunize their children. This event was widely covered in India, with ESPN covering the press conference and airing polio PSAs during the TV coverage to an audience of hundreds of millions.
- Globally, 38 districts are infected with WPV1 in 2010, compared with 120 districts at this time last year, and 32 districts are infected with WPV3 in 2010, compared with 132 districts at this time last year. There have been 115 cases reported this year, compared with 396 at this time last year. 66 of these are type 1 (compared with 175 at this time in 2009) and 49 are type 3 (compared with 221 at this time in 2009).
- It is now seven weeks since India reported any cases of wild poliovirus.

### Endemic countries

#### Afghanistan

- No new cases were reported in the past week. The total number of cases for 2010 is eight (one WPV1 and seven WPV3s), compared with seven cases at this time last year (all WPV1). The most recent case (Nangarhar Province) had onset of paralysis on 8 April. The last type 1 case had onset of paralysis on 8 January.
- National Immunization Days (NIDs) were held from 2-4 May, using trivalent OPV (tOPV), in conjunction with delivery of Vitamin A. It is too early at this stage to ascertain access to children in the 14 southern districts with persistent transmission.
- During this week's campaigns, an increased focus was placed on border areas, especially along the border with Tajikistan, with additional supervision moving to this area and vaccination posts established at known border crossings. A further mOPV1 round, synchronized with Tajikistan and Uzbekistan, is tentatively planned in northern areas from 1 June.

#### India

- It is now seven weeks since India reported any cases of WPV, and five months since either Uttar Pradesh or Bihar reported a type 1 case. The total number of cases for 2010 is 19 (three WPV1 and 16 WPV3), compared to 40 at the same time last year (14 WPV1 and 26 WPV3). The most recent case had onset of paralysis on 7 February (WPV1 from Jammu & Kashmir).

- Sub-national Immunization Days (SNIDs) were conducted from 25 April, targeting 44.3 million children in western UP, Bihar and other high-risk areas with bOPV and mOPV1.
- The next SNIDs are planned for 23 May across UP and Bihar, using bOPV and mOPV1.

### **Nigeria**

- No new cases were reported in the past week. The WPV3 case reported in Zamfara last week is the most recent case, with onset of paralysis on 12 March.
- The total number of cases for 2010 is two WPV3s, compared with 236 cases at this time last year (61 WPV1, 174 WPV3 and one type-1/type-3 co-infection).
- Sub-national IPDs have concluded, using a mixture of mOPV1 and bOPV - and mOPV3 in Zamfara State around the last WPV3 case.
- Further SNIDs will be held from 5-8 June.

### **Pakistan**

- One new case was reported in the past week, a WPV1 in Charsada, NWFP. This is the most recent case, with onset of paralysis on 13 April. The total number of cases for 2010 is 15 (five WPV1s and 10 WPV3s), compared with 11 cases at this time last year (five WPV1 and six WPV3).
- SNIDs were conducted last week, using tOPV. SNIDs in high-risk areas will be held from 24-26 May, using bOPV.

### **Importation countries**

#### **Angola**

- No cases were reported in the past week. The most recent case, a WPV1 from Bie Province in Kuito District, had onset of paralysis on 20 February 2010.
- A mop-up round targeting 312,000 children was held in the immediate area around the case from 23-25 April, using mOPV1. SNIDs will be held from 7-9 May, using mOPV1, followed by NIDs from 11-13 June using tOPV, SNIDs from 9-11 July using bOPV and NIDs from 13-15 August, using tOPV.

#### **Chad**

- Five WPV3 cases were reported this week, bringing the total number of cases for 2010 to 12. The most recent (WPV3 from Sarh) had onset of paralysis on 16 March.
- Chad took part in the 16-country synchronized campaign on 24 April, using mOPV3. Nationwide rounds are planned for 21 May and possibly June.

#### **Democratic Republic of Congo (DRC)**

- No cases have been reported in 2010. The total number of cases for 2009 remains three. The most recent case had onset of paralysis on 24 June (WPV3 from Bas-Congo).
- Proposed SIAs are two SNIDs in June and July (with bOPV and tOPV, respectively) in key areas of Nord and Sud Kivu, Bas-Congo, Kasai Orientale and Kasai Occidental, with dates and details to be confirmed in May.

#### **Horn of Africa**

- No wild poliovirus cases have been reported across the Horn of Africa for 2010.
- Northern Sudan conducted SIAs on 22 February using bOPV and southern Sudan completed SIAs on 27 March, using bOPV. Northern Sudan's next rounds are planned for 7 June (bOPV).
- Ethiopia will carry out SNIDs in high-risk areas (17 zones) from 4-7 June, targeting 2.4 million children under five.

## Nepal

- No new cases were reported in the past week. Nepal has reported one WPV1 case this year, with onset of paralysis on 19 February 2010.
- NIDs were held on 10 April, using bOPV, with NIDs planned from 15 May, again using bOPV. A sub-national round is planned for June, using mOPV1.

## Tajikistan

- 20 new cases from the western region of Tajikistan have been laboratory confirmed, bringing the total number of cases for 2010 to 32. The country is recording a large spike in acute flaccid paralysis cases among infant children. These cases are methodically being tested, and a significant increase in poliovirus case numbers can be expected.
- Tajikistan began its emergency outbreak response on 1 May, with NIDs immunizing 1.1 million children under six.
- WHO's European Regional Director has met with the President of Tajikistan to offer the support of the agency, and has participated in the launch of the NIDs.
- Further immunization rounds will be held from 17 May and 1 June, using the Short Interval Additional Dose strategy in efforts to quickly contain the outbreak.
- At least two immunization activities are also being planned for neighboring Uzbekistan, immunizing 1.9 million children from 15 May, and from 1 June. Kyrgyzstan conducted Immunization Week activities last week, and will conduct two SNIDs in May/June, focusing on the areas bordering Tajikistan.

## West Africa

- Five new cases were reported this week in West Africa. The two WPV3 cases from Niger, reported by advance notification last week, have been confirmed, and three WPV1 cases have been reported from Senegal.
- The total number of cases for 2010 in west Africa is 25 (from Senegal, Mauritania, Mali, Sierra Leone, Niger and Liberia). The most recent case had onset of paralysis on 01 April (a WPV3 case from Maradi, Niger)
- A 16-country synchronized immunization campaign targeting more than 70 million children under five was held in the past week across west and central Africa. Burkina Faso, Sierra Leone and Togo will hold their activities this weekend.
- A further nine-country synchronized campaign will take place on 28 May, targeting countries with continued transmission or considered to be at high risk of re-infection - Senegal, Mauritania, Mali, Sierra Leone, Liberia, Guinea, Guinea-Bissau, Gambia and Niger.

### **Detailed acute flaccid paralysis (AFP) and polio data**

Tailor according to your individual data needs. Data is available for 1996 to date by country and WHO Region and is updated every two weeks.

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[The Global Eradication of Polio](#)