

# Wild Poliovirus 2007 - 2012

Country or territory <sup>3</sup>	Wild virus confirmed cases									Wild virus reported from other sources <sup>2</sup>						
	Total					01 Jan - 18 Dec <sup>1</sup>		Date of most recent type 3	Date of most recent type 1	Total						Date of most recent virus
	2007	2008	2009	2010	2011	2011	2012			2007	2008	2009	2010	2011	2012	
Nigeria	285	798	388	21	62	46	119	16-Nov-12	20-Nov-12					1	18	24-Sep-12
Afghanistan	17	31	38	25	80	67	34	11-Apr-10	19-Nov-12			2				27-Jul-09
Pakistan	32	117	89	144	198	175	56	18-Apr-12	10-Nov-12			18	79	142	79	12-Nov-12
Chad	22	37	64	26	132	128	5	10-Mar-11	14-Jun-12							
Niger	11	12	15	2	5	3	0	19-Jan-11	22-Dec-11							
DRC	41	5	3	100	93	89	0	24-Jun-09	20-Dec-11							
CAR	0	3	14	0	4	2	0	09-Aug-09	08-Dec-11							
China	0	0	0	0	21	20	0	NA	09-Oct-11							
Guinea	0	0	42	0	3	3	0	03-Aug-11	03-Nov-09							
Kenya	0	0	19	0	1	1	0	NA	30-Jul-11							
Côte d'Ivoire	0	1	26	0	36	36	0	24-Jul-11	06-Aug-09							
Angola	8	29	29	33	5	5	0	17-Nov-08	07-Jul-11							
Mali	0	1	2	4	7	7	0	23-Jun-11	01-May-10							
Congo <sup>4</sup>	0	0	0	441	1	1	0	NA	22-Jan-11							
Gabon	0	0	0	0	1	1	0	NA	15-Jan-11							
India <sup>5</sup>	874	559	741	42	1	1	0	22-Oct-10	13-Jan-11	13	33	2	19			10-Nov-10
Egypt	0	0	0	0	0	0	0	NA	03-May-04		2		1			21-Dec-10
Uganda	0	0	8	4	0	0	0	NA	15-Nov-10							
Russian Federation	0	0	0	14	0	0	0	NA	25-Sep-10							
Liberia	0	0	11	2	0	0	0	NA	08-Sep-10							
Nepal	5	6	0	6	0	0	0	15-Oct-08	30-Aug-10				1			12-Jul-10
Kazakhstan	0	0	0	1	0	0	0	NA	12-Aug-10							
Tajikistan	0	0	0	460	0	0	0	NA	04-Jul-10							
Turkmenistan	0	0	0	3	0	0	0	NA	28-Jun-10							
Senegal	0	0	0	18	0	0	0	NA	30-Apr-10							
Mauritania	0	0	13	5	0	0	0	NA	28-Apr-10							
Sierra Leone	0	0	11	1	0	0	0	NA	28-Feb-10							
Burkina Faso	0	6	15	0	0	0	0	NA	25-Oct-09							
Cameroon	0	0	3	0	0	0	0	15-Oct-09	06-Dec-06							
Burundi	0	0	2	0	0	0	0	NA	12-Sep-09							
Sudan	1	26	45	0	0	0	0	16-Dec-08	27-Jun-09	1		1				09-Jan-09
Benin	0	6	20	0	0	0	0	01-Dec-08	19-Apr-09							
Togo	0	3	6	0	0	0	0	NA	28-Mar-09							
Ghana	0	8	0	0	0	0	0	NA	08-Nov-08							
Ethiopia	0	3	0	0	0	0	0	NA	27-Apr-08							
Myanmar	11	0	0	0	0	0	0	NA	28-May-07							
Somalia	8	0	0	0	0	0	0	06-Oct-02	25-Mar-07							
<b>Total</b>	<b>1315</b>	<b>1651</b>	<b>1604</b>	<b>1352</b>	<b>650</b>	<b>585</b>	<b>214</b>			<b>14</b>	<b>35</b>	<b>23</b>	<b>100</b>	<b>143</b>	<b>97</b>	
<b>Total wild virus type 1<sup>6</sup></b>	<b>321</b>	<b>976</b>	<b>482</b>	<b>1265</b>	<b>583</b>	<b>522</b>	<b>192</b>									
<b>Total wild virus type 3</b>	<b>994</b>	<b>675</b>	<b>1122</b>	<b>87</b>	<b>67</b>	<b>63</b>	<b>22</b>									
<b>Tot. in endemic countries</b>	<b>1208</b>	<b>1505</b>	<b>1256</b>	<b>232</b>	<b>341</b>	<b>289</b>	<b>209</b>									
<b>Tot. in non-end countries</b>	<b>107</b>	<b>146</b>	<b>348</b>	<b>1120</b>	<b>309</b>	<b>296</b>	<b>5</b>									
<b>No. of countries</b>	<b>12</b>	<b>18</b>	<b>23</b>	<b>20</b>	<b>16</b>	<b>16</b>	<b>4</b>									
<b>No. of endemic countries</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>											

Countries in yellow are endemic.

<sup>1</sup>Data in WHO HQ on 20 Dec 2011 for 2011 data and 18 Dec 2012 for 2012 data. <sup>2</sup>Wild viruses from environmental samples, contacts and other non-AFP sources. <sup>3</sup>All cases, except those occurring in endemic countries, are importation related. <sup>4</sup>The 2010 total includes cases with inadequate specimens that were exceptionally classified as confirmed polio based on their association with the WPV1 outbreak. <sup>5</sup>As of 28 February 2012, India is no longer considered to be a polio-endemic country. <sup>6</sup>Includes 1 case in 2012, 3 in 2009 and 2007, and 2 in 2008 with a mixture of W1W3 virus. NA - Most recent case had onset prior to 1999.

# Wild Poliovirus Cases by Type 2011 & 2012 - Year to Date Comparison

Country classification	Total 2011		01 January - 18 December <sup>1</sup>						Date of most recent case
			2011			2012			
	W1	W3	W1	W3	W1W3	W1	W3	W1W3	
<b>Endemic</b>									
Nigeria	47	15	36	10		99	20		20-Nov-12
Afghanistan	80		67			34			19-Nov-12
Pakistan	196	2	173	2		53	2	1	10-Nov-12
India*	1		1						13-Jan-11
<b>Total</b>	<b>324</b>	<b>17</b>	<b>277</b>	<b>12</b>	<b>0</b>	<b>186</b>	<b>22</b>	<b>1</b>	
<b>Re-established transmission</b>									
Chad	129	3	125	3		5			14-Jun-12
DR Congo	93		89						20-Dec-11
Angola	5		5						07-Jul-11
<b>Total</b>	<b>227</b>	<b>3</b>	<b>219</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	
<b>Outbreak</b>									
Niger	4	1	1	2					22-Dec-11
CAR	4		2						08-Dec-11
China	21		20						09-Oct-11
Guinea		3		3					03-Aug-11
Kenya	1		1						30-Jul-11
Côte d'Ivoire		36		36					24-Jul-11
Mali		7		7					23-Jun-11
Congo	1		1						22-Jan-11
Gabon	1		1						15-Jan-11
<b>Total</b>	<b>32</b>	<b>47</b>	<b>26</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Global total</b>	<b>583</b>	<b>67</b>	<b>522</b>	<b>63</b>	<b>0</b>	<b>191</b>	<b>22</b>	<b>1</b>	

<sup>1</sup>Data in WHO as of 20 December 2011 for 2011 data and 18 December 2012 for 2012 data.

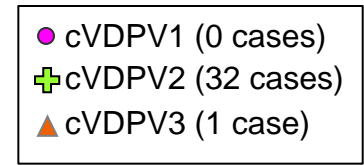
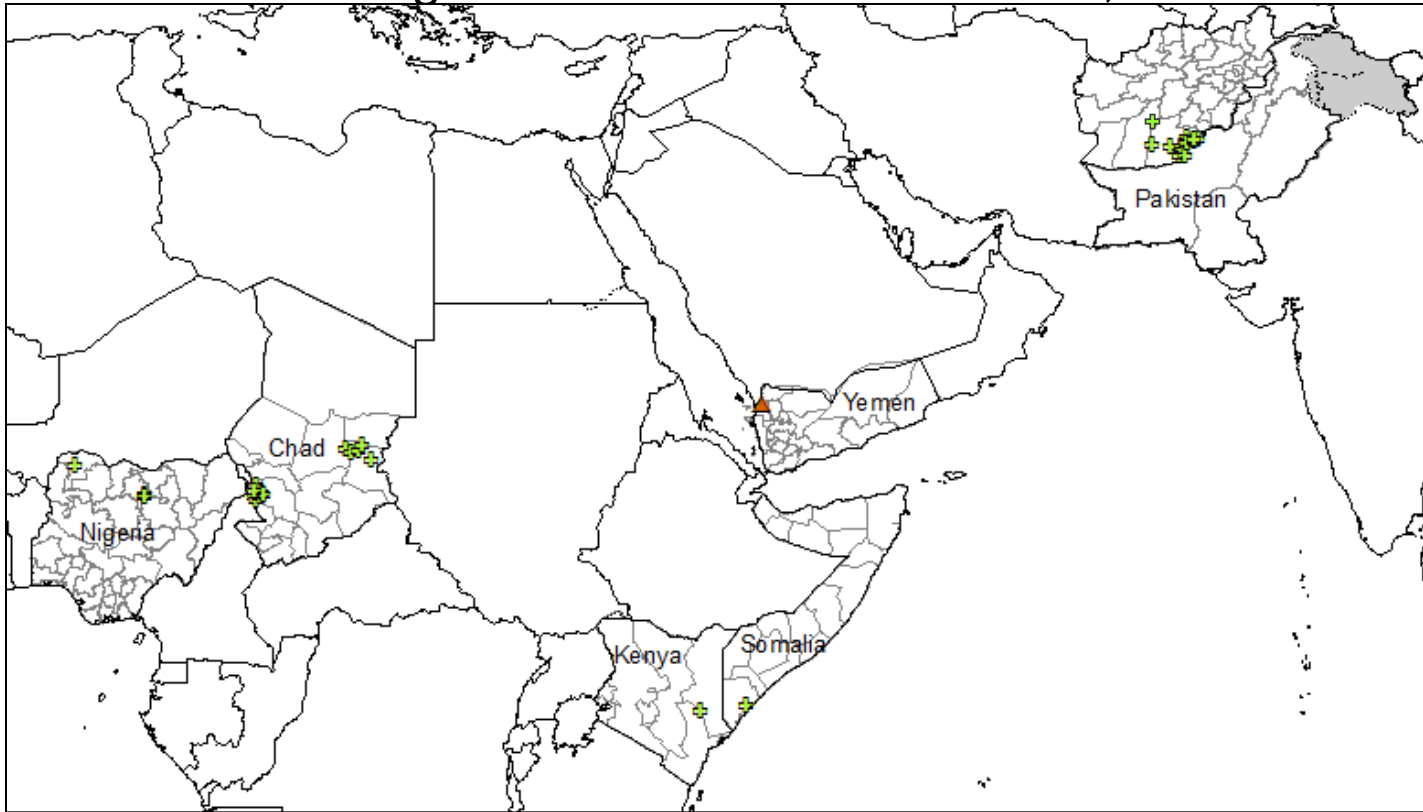
\*As of 28 February 2012, India is no longer considered to be a polio-endemic country.

# Circulating Vaccine-derived Poliovirus<sup>1</sup>, 2000-2012

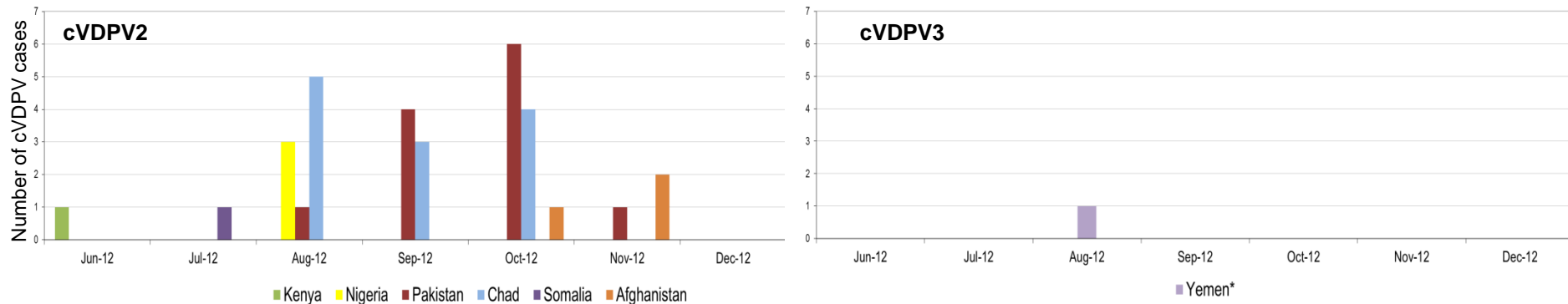
Country	cVDPV type 1*													Most recent transmission chain		
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	First case	Most recent case	Duration in weeks
Mozambique												2		10-Feb-11	02-Jun-11	16
Myanmar							1	4						30-Apr-07	06-Dec-07	31
Indonesia						46								09-Jul-05	26-Oct-05	15
China					2									13-Jun-04	11-Nov-04	21
Philippines		3												15-Mar-01	26-Jul-01	19
DOR/Haiti	12	9												12-Jul-00	12-Jul-01	52
<b>Total type 1</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>46</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>			
Country	cVDPV type 2*													Most recent transmission chain		
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	First case	Most recent case	Duration in weeks
Afghanistan											5	1	3	10-Jun-10	15-Nov-12	127
Pakistan													12	30-Aug-12	04-Nov-12	9
Chad											1		12	25-Aug-12	20-Oct-12	8
Nigeria						3	22	71	66	154	27	34	4	02-Jul-05	16-Aug-12	371
Somalia									1	6	1	9	1	19-Apr-11	23-Jul-12	65
Kenya													3	18-Apr-12	25-Jun-12	9
DR Congo									13	5	18	11	17	04-Nov-11	04-Apr-12	21
Niger							2				2	1	1	11-Nov-11	11-Nov-11	<1
Yemen													9	09-Apr-11	05-Oct-11	25
India										15	2			19-Oct-09	18-Jan-10	13
Ethiopia									3	1				04-Oct-08	16-Feb-09	19
Madagascar		1	4			3								26-Jun-05	13-Jul-05	2
<b>Total type 2</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>24</b>	<b>71</b>	<b>83</b>	<b>183</b>	<b>55</b>	<b>65</b>	<b>52</b>			
Country	cVDPV type 3*													Most recent transmission chain		
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	First case	Most recent case	Duration in weeks
Yemen													2	27-Apr-12	24-Aug-12	17
Ethiopia										1	6			27-Apr-09	17-May-10	55
Cambodia						1	1							26-Nov-05	15-Jan-06	7
<b>Total type 3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>2</b>			

<sup>1</sup>Circulating Vaccine-derived poliovirus (cVDPV) is associated with 2 or more cases of AFP. Niger 2006, Niger 2009, Niger 2010, Chad 2010 cVDPVs are linked to the Nigeria outbreak. Kenya 2012 cVDPVs are linked to the Somalia outbreak. VDPV type 2 cases with greater than or equal to 6nt difference from sabin in VP1; VDPV types 1 and 3 cases with greater than or equal to 10nt difference from sabin in VP1 are reported here. Figures exclude VDPV from non-AFP sources. Nigeria figures include the following cases with WPV1/cVDPV2 mixture: 2005 - 2, 2006 - 1, 2007 - 1, 2008 - 3, 2009 - 1, 2011 - 1; WPV3/cVDPV2 mixture 2007 - 2. \*Figures include multiple emergences and transmission chains. \*\*cVDPVs due to importation.

# Circulating Vaccine-derived Poliovirus\*, Previous 6 Months\*\*



Monthly distribution of cases by country



\*\*19 Jun - 18 Dec 2012  
Data in WHO HQ as of 18 December 2012

\*Circulating Vaccine-derived poliovirus (cVDPV) is associated with 2 or more cases of AFP. VDPV type 2 cases with greater than or equal to 6nt difference from sabin in VP1; VDPV types 1 and 3 cases with greater than or equal to 10nt difference from sabin in VP1 are reported here. Figures exclude VDPV from non-AFP source. Figures may include different chains of transmission.

## Comparison of 2011 and 2012 Data Year to Date (01 January to 18 December)

WHO region	AFP Cases		Wild Virus		Polio Compatible		Pending Final Classification			Data received in HQ
	2011	2012	2011	2012	2011	2012	Total		>90 days	
							2011	2012	2012	
<b>African</b>	15339	16508	322	124	101	130	1973	1442	538	as of 18 Dec wild virus as of 14 Dec
<b>Central</b>	3300	3009	226	5	39	79	238	214	35	
<b>South/East</b>	3900	4419	1	0	9	7	828	602	261	
<b>West</b>	8139	9080	95	119	53	44	907	626	242	
<b>American</b>	1363	1281	0	0	0	0	400	240	138	as of 15 Dec
<b>Eastern Mediterranean</b>	10805	10126	242	90	19	8	757	690	179	as of 17 Dec
<b>European</b>	1462	1448	0	0	0	0	358	382	111	as of 17 Dec
<b>South East Asian</b>	60742	62040	1	0	43	10	5287	4870	1848	as of 17 Dec
<b>Western Pacific</b>	6367	6759	20	0	11	4	303	1246	321	as of 18 Dec
<b>Global</b>	96078	98162	585	214	174	152	9078	8870	3135	

Data for 2011 as of 20 December 2011 and for 2012 as of 18 December 2012.