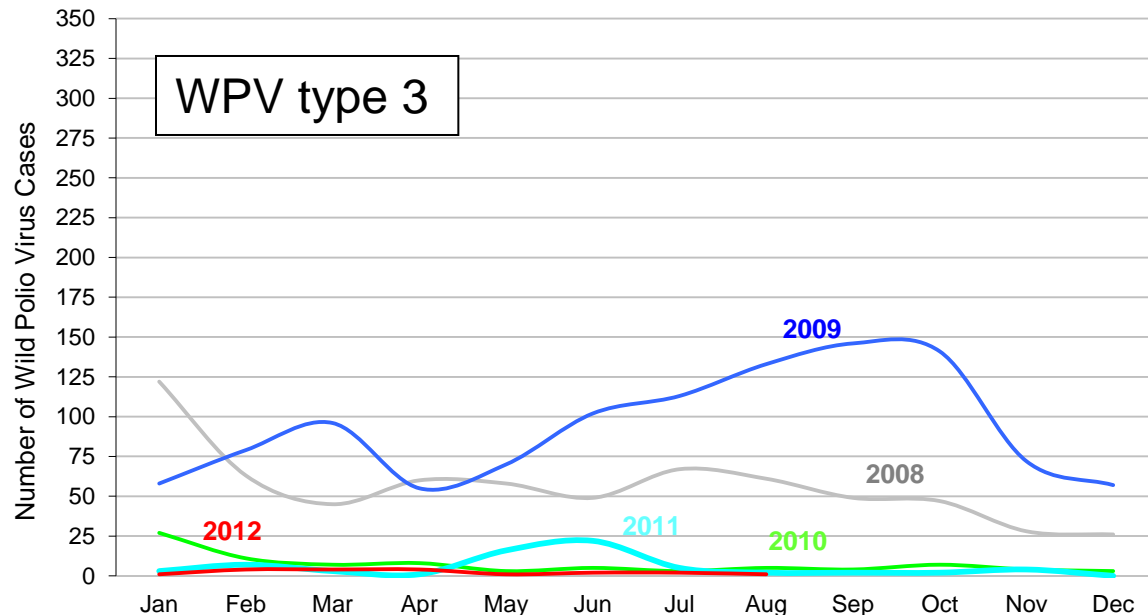
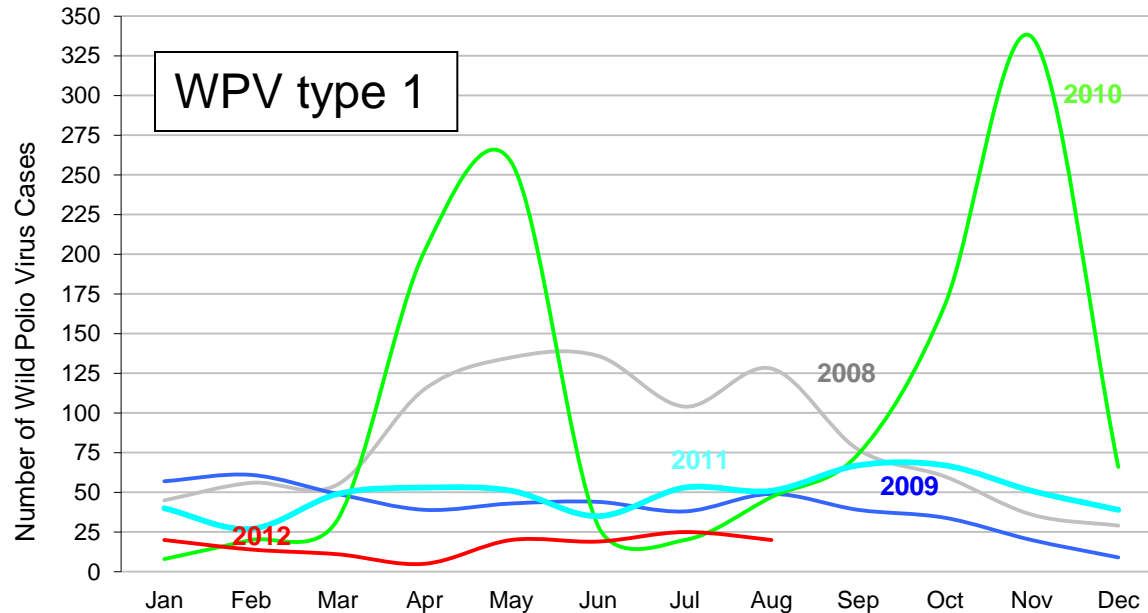


Monthly Distribution of Wild Poliovirus cases*, 2008-2012



*By onset date of paralysis. WPV type 1 includes 1 case in 2012, 3 cases in 2009 and 2 cases in 2008 with a mixture of W1W3 virus. Cases with onset in Sep 2012 will be reflected in next update. The 2010 total includes AFP cases from Congo with inadequate specimens that have been exceptionally classified as confirmed polio based on their association with the WPV1 outbreak.

Wild Poliovirus infected districts¹, 2011-2012

| Country classification | total districts in infected countries ³ | 2011 total infected districts | 01 Jan - 09 Oct ² | | | | | | | Date of most recent case |
|------------------------------------|--|-------------------------------|------------------------------|-----------|------------|-------------------------|-----------|----------|-----------|--------------------------|
| | | | 2011 districts Infected | | | 2012 districts Infected | | | | |
| | | | W1 | W3 | Total | W1 | W3 | W1+W3 | Total | |
| Endemic | | | | | | | | | | |
| Pakistan | 142 | 57 | 38 | 1 | 38 | 26 | 1 | 1 | 26 | 25-Sep-12 |
| Afghanistan | 329 | 34 | 15 | | 15 | 13 | | | 13 | 20-Sep-12 |
| Nigeria | 774 | 42 | 18 | 7 | 24 | 40 | 15 | | 52 | 12-Sep-12 |
| India* | 645 | 1 | 1 | | 1 | | | | | 13-Jan-11 |
| Total | 1890 | 134 | 72 | 8 | 78 | 79 | 16 | 1 | 91 | |
| Re-established transmission | | | | | | | | | | |
| Chad | 61 | 30 | 24 | 1 | 25 | 3 | | | 3 | 14-Jun-12 |
| DR Congo | 509 | 38 | 36 | | 36 | | | | | 20-Dec-11 |
| Angola | 164 | 2 | 1 | | 1 | | | | | 07-Jul-11 |
| Total | 734 | 70 | 61 | 1 | 62 | 3 | 0 | 0 | 3 | |
| Outbreak | | | | | | | | | | |
| Niger | 42 | 3 | 1 | 1 | 2 | | | | | 22-Dec-11 |
| CAR | 24 | 1 | 1 | | 1 | | | | | 08-Dec-11 |
| China | 3092 | 4 | 2 | | 2 | | | | | 09-Oct-11 |
| Guinea | 38 | 2 | | 2 | 2 | | | | | 03-Aug-11 |
| Kenya | 153 | 1 | 1 | | 1 | | | | | 30-Jul-11 |
| Côte d'Ivoire | 102 | 23 | | 23 | 23 | | | | | 24-Jul-11 |
| Mali | 60 | 6 | | 6 | 6 | | | | | 23-Jun-11 |
| Congo | 30 | 1 | 1 | | 1 | | | | | 22-Jan-11 |
| Gabon | 51 | 1 | 1 | | 1 | | | | | 15-Jan-11 |
| Total | 3592 | 42 | 7 | 32 | 39 | 0 | 0 | 0 | 0 | |
| Global total | 6216 | 246 | 140 | 41 | 179 | 82 | 16 | 1 | 94 | |

¹ Empty cells indicates no districts infected. ²Data in WHO/HQ as of 11 Oct 2011 for 2011 data and as of 09 Oct 2012 for 2012 data. ³ Source: WHO/UNICEF 2011 Joint Reporting Form (as of May 2012). *As of 28 February 2012, India is no longer considered to be a polio-endemic country.

Outbreaks: Status in 'Re-established' Poliovirus Transmission & Outbreak Countries, 2010-2012

| Country classification ¹ | Total 2010 | | Total 2011 | | Total 2012 | | Total cases (per outbreak event) | First case | Date of most recent case | Duration (weeks) | Status ² |
|--|------------|----|------------|----|------------|----|-------------------------------------|------------|--------------------------|------------------|---------------------|
| | W1 | W3 | W1 | W3 | W1 | W3 | | | | | |
| Re-established transmission + New outbreaks | | | | | | | | | | | |
| DR Congo[§] | | | | | | | | | | | |
| Re-established transmission chain (W1) | 8 | | 14 | | | | 62 | 27-Feb-06 | 20-Dec-11 | 303 | ongoing |
| Outbreak(s) with onset in 2010 (W1) | 92 | | 79 | | | | 171 | 25-May-10 | 29-Sep-11 | 70 | over |
| Angola[§] | | | | | | | | | | | |
| Re-established transmission chain (W1) | 33 | | 4 | | | | 78 | 25-Apr-07 | 27-Mar-11 | 205 | over |
| Outbreak(s) with onset in 2011 (W1) | | | 1 | | | | 1 | 07-Jul-11 | 07-Jul-11 | 0 | over |
| Chad[§] | | | | | | | | | | | |
| Re-established transmission chain (W3) | | 14 | | 3 | | | 90 | 27-Nov-07 | 10-Mar-11 | 171 | over |
| Re-established transmission chain (W1) | 11 | | 129 | | 5 | | 145 | 17-Sep-10 | 14-Jun-12 | 91 | ongoing |
| Outbreak(s) with onset in 2010 (W3) | | 1 | | | | | 1 | 06-Jan-10 | 06-Jan-10 | 0 | over |
| Sudan | | | | | | | 216 | 20-May-04 | 27-Jun-09 | 266 | over |
| Total | 144 | 15 | 227 | 3 | 5 | | 764 | | | | |
| Outbreaks with onset in 2011 | | | | | | | | | | | |
| Niger* (W1) | | | 4 | | | | 4 | 09-Jul-11 | 22-Dec-11 | 24 | over |
| Central African Republic (W1) | | | 4 | | | | 4 | 19-Sep-11 | 08-Dec-11 | 11 | over |
| China (W1) | | | 21 | | | | 21 | 03-Jul-11 | 09-Oct-11 | 14 | over |
| Guinea (W3) | | | | 3 | | | 3 | 14-May-11 | 03-Aug-11 | 12 | over |
| Kenya** (W1) | | | 1 | | | | 1 | 30-Jul-11 | 30-Jul-11 | 0 | over |
| Côte d'Ivoire (W3) | | | | 36 | | | 36 | 27-Jan-11 | 24-Jul-11 | 25 | over |
| Mali* (W3) | | | | 4 | | | 4 | 08-Feb-11 | 10-Jun-11 | 17 | over |
| Niger (W3) | | | | 1 | | | 1 | 19-Jan-11 | 19-Jan-11 | 0 | over |
| Gabon (W1) | | | 1 | | | | 1 | 15-Jan-11 | 15-Jan-11 | 0 | over |
| Total | | | 31 | 44 | | | 75 | | | | |

¹ Several importation events (same serotype; active within same year; within same country) can be listed under one country name

² Status "ongoing": outbreak considered to be active (i.e. within the previous 6 / 12 months) of an imported poliovirus; Status "over": outbreaks considered no longer active

[§] Chad and DR Congo reported new importations in 2010, Angola in 2011, in addition to cases associated with "re-established" transmissions

* Country with >1 outbreak. Dates of onset and duration are given for 1st and most recent case, irrespective of outbreak

** 30-Jul-11 case is related to WPV from Uganda in 2010 confirming persistence of 2009 multi-country outbreak in the Horn of Africa

Circulating Vaccine-derived Poliovirus¹, 2000-2012

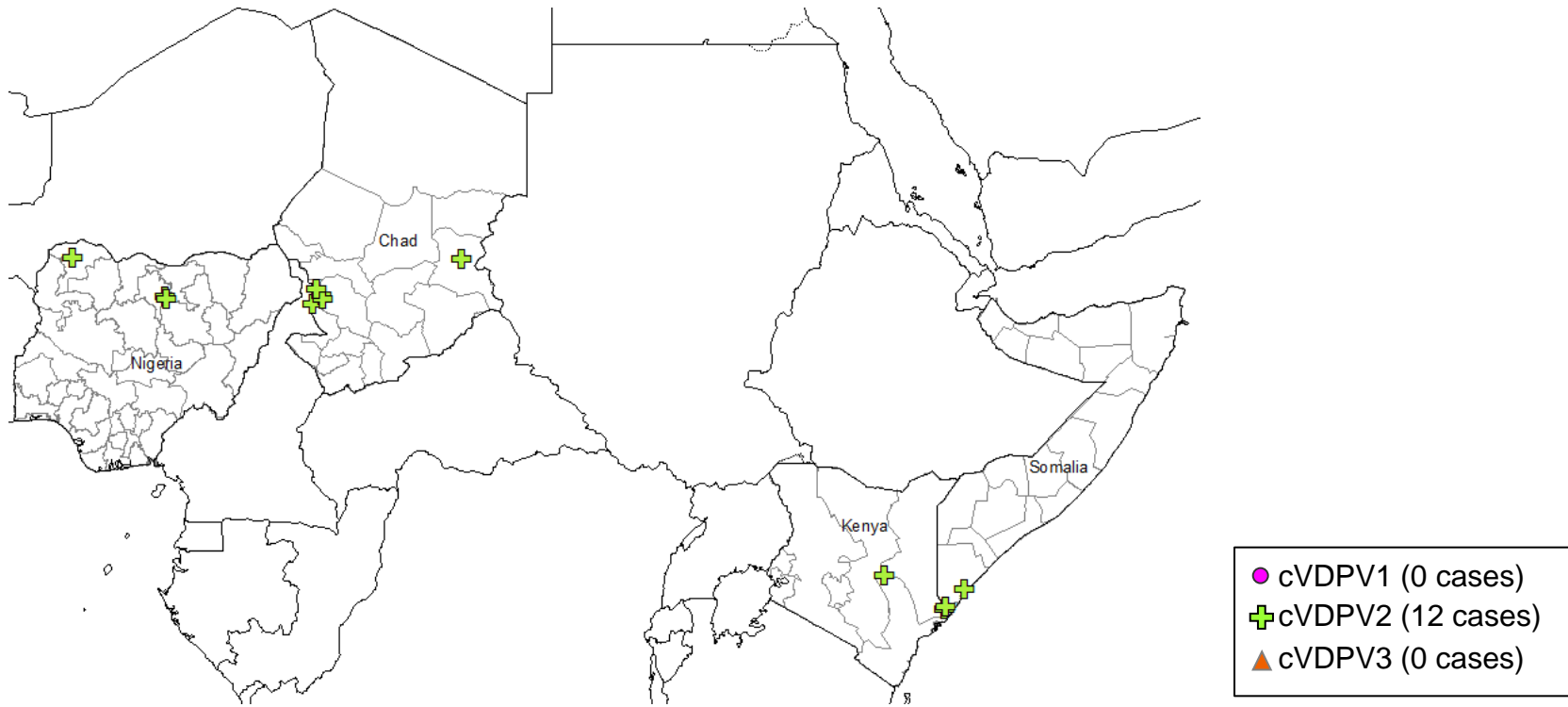
| Country | cVDPV type 1* | | | | | | | | | | | | | Most recent transmission chain | | |
|-------------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|------------------|-------------------|
| | 2000 | 2001 | 2002 | 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 |

| 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 |
| Chad | | | | | | | | | | | 1 | | 5 | 25-Aug-12 | 28-Aug-12 | <1 |
| Nigeria | | | | | | 3 | 22 | 71 | 66 | 154 | 27 | 34 | 4 | 05-Jun-06 | 16-Aug-12 | 323 |
| 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 | | 08-Aug-11 | 05-Oct-11 | 8 |
| Afghanistan | | | | | | | | | | | 5 | 1 | | 10-Jun-10 | 20-Jan-11 | 32 |
| India | | | | | | | | | | 15 | 2 | | | 18-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 |

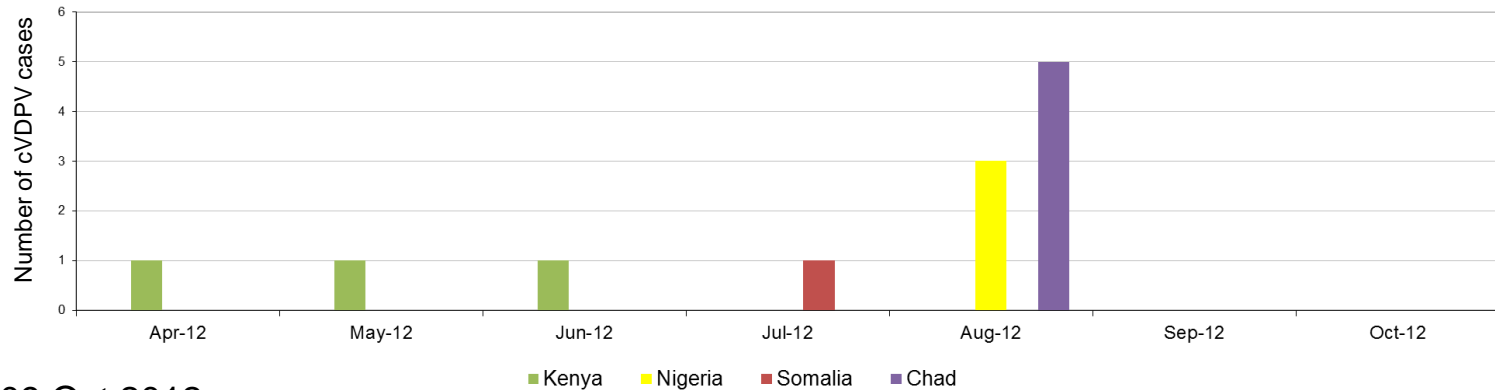
| Country | cVDPV type 3* | | | | | | | | | | | | | Most recent transmission chain | | |
|----------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------|------------------|-------------------|
| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | First case | Most recent case | Duration in weeks |
| Ethiopia | | | | | | | | | | 1 | 6 | | | 27-Apr-09 | 17-May-10 | 55 |
| Cambodia | | | | | | 1 | 1 | | | | | | | 26-Nov-05 | 15-Jan-06 | 7 |

¹Circulating 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



**10 Apr – 09 Oct 2012

Data in WHO HQ as of 09 October 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.

Ambiguous Vaccine-derived Poliovirus, 2008-2012

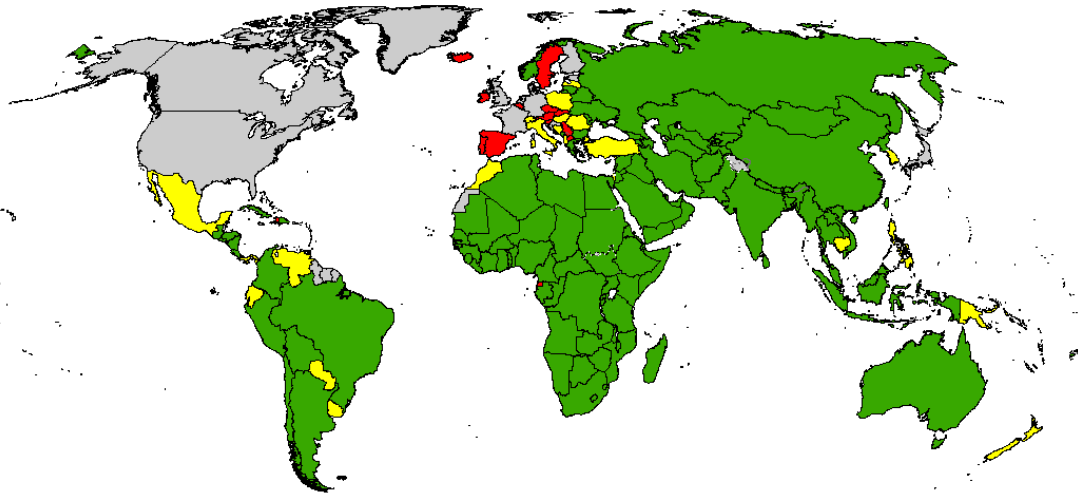
| Country | aVDPV type 1 | | | | | Onset of last case |
|----------------------|--------------|------|------|------|------|--------------------|
| | 2008 | 2009 | 2010 | 2011 | 2012 | |
| Myanmar | | | | | 1 | 29-May-12 |
| Argentina | | | | 1 | | 10-May-11 |
| Tajikistan | | | 1 | | | 30-Mar-10 |
| India | | 1 | | | | 07-Apr-09 |
| | | | | | | |
| Country | aVDPV type 2 | | | | | Onset of last case |
| | 2008 | 2009 | 2010 | 2011 | 2012 | |
| Pakistan | | | | | 1 | 30-Aug-12 |
| Ethiopia | | | | | 2 | 20-Jul-12 |
| Nigeria | | | | 2 | 1 | 22-May-12 |
| Sudan | | | | | 1 | 01-Apr-12 |
| South Sudan | | | | | 1 | 24-Feb-12 |
| Yemen | | | | 1 | 1 | 23-Feb-12 |
| Vietnam | | | | | 1 | 14-Feb-12 |
| DR Congo | | | 2 | 1 | | 20-Dec-11 |
| Burundi | | | | 1 | | 15-Dec-11 |
| India | | 1 | 2 | 5 | | 25-Nov-11 |
| Peru | | | | 1 | | 11-Apr-11 |
| Myanmar | | | 1 | | | 06-Dec-10 |
| China | | 1 | 2 | | | 30-Nov-10 |
| Somalia | 1 | | 1 | | | 15-Aug-10 |
| Syrian Arab Republic | | | 1 | | | 10-Feb-10 |
| Afghanistan | | 1 | | | | 22-Nov-09 |
| Chad | 1 | | | | | 07-Oct-08 |
| Cameroon | 1 | | | | | 23-Jun-08 |
| | | | | | | |
| Country | aVDPV type 3 | | | | | Onset of last case |
| | 2008 | 2009 | 2010 | 2011 | 2012 | |
| Yemen | | | | | 1 | 27-Apr-12 |
| India | | | | 1 | | 07-Oct-11 |
| China | | | 1 | | | 24-Jun-10 |

Ambiguous vaccine-derived poliovirus (aVDPV) type 2 cases with greater than or equal to 6nt difference from sabin in VP1; aVDPV types 1 and 3 cases with greater than or equal to 10nt difference from sabin in VP1. Figures exclude cases of aVDPV from non-AFP sources.

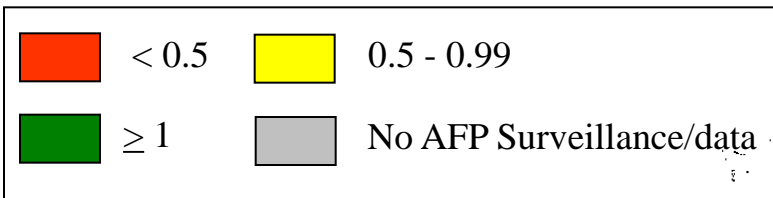
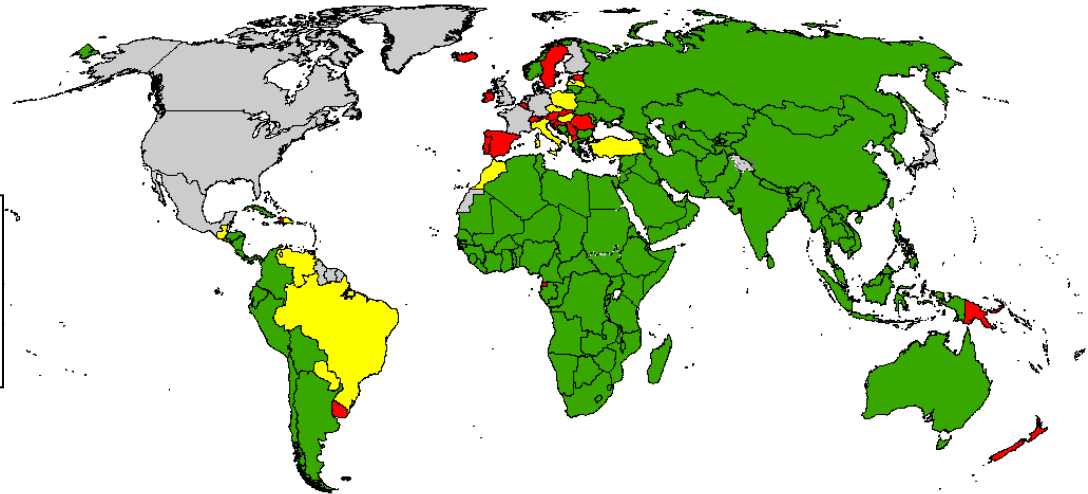
Data in WHO/HQ as of 09 Oct 2012

Non-polio AFP Rate

Sep 2010 – Aug 2011



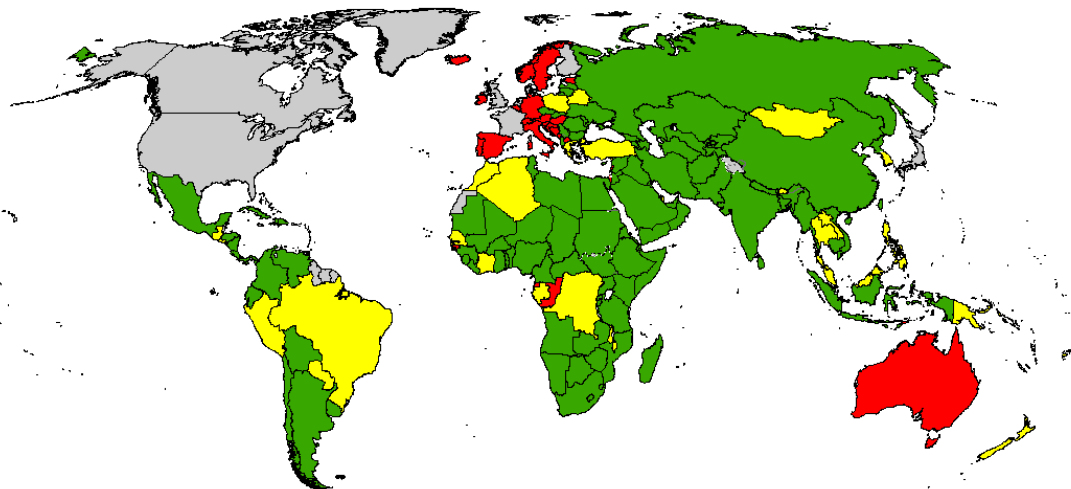
Sep 2011 – Aug 2012



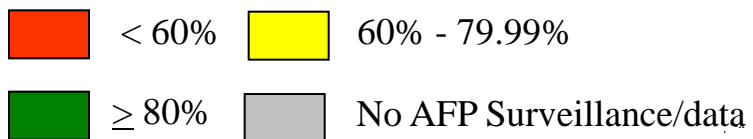
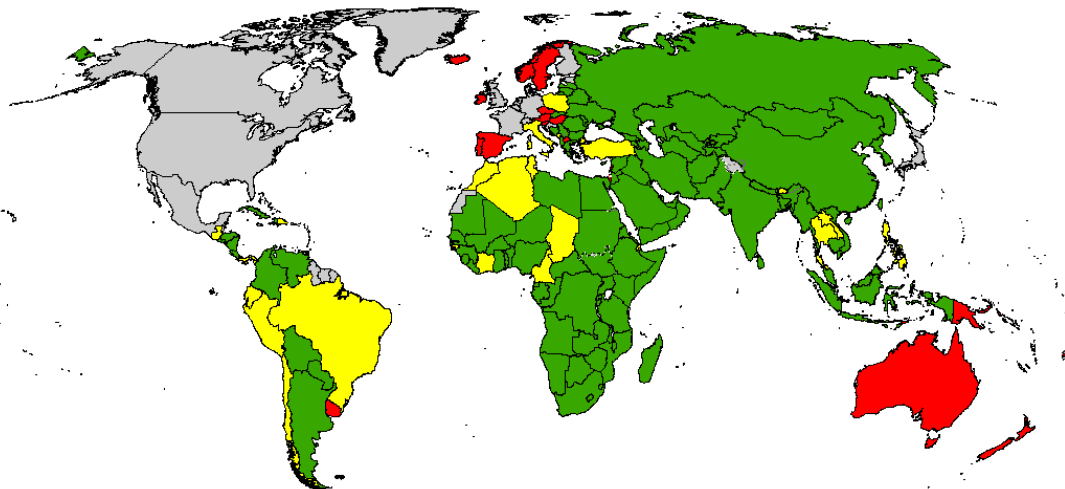
The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.
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Adequate Stool Collection Rate

Sep 2010 – Aug 2011



Sep 2011 – Aug 2012



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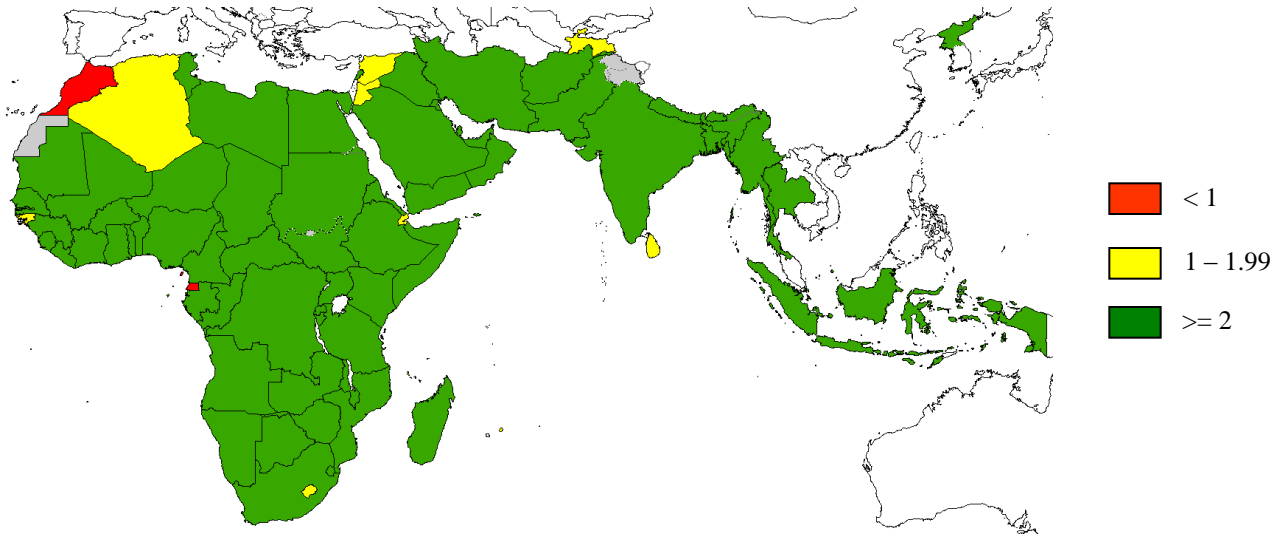
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Data in WHO/HQ as of 02 Oct 2012

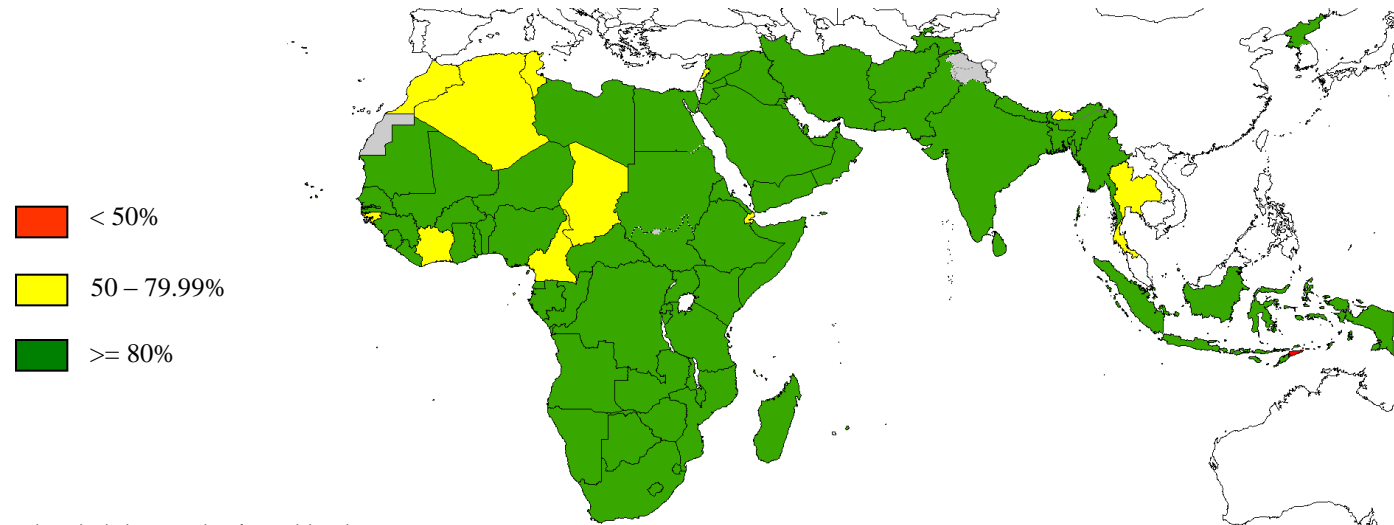
Surveillance indicators, polio endemic regions

Sep 2011 – Aug 2012

Non-polio AFP rate



Adequate stool collection rate



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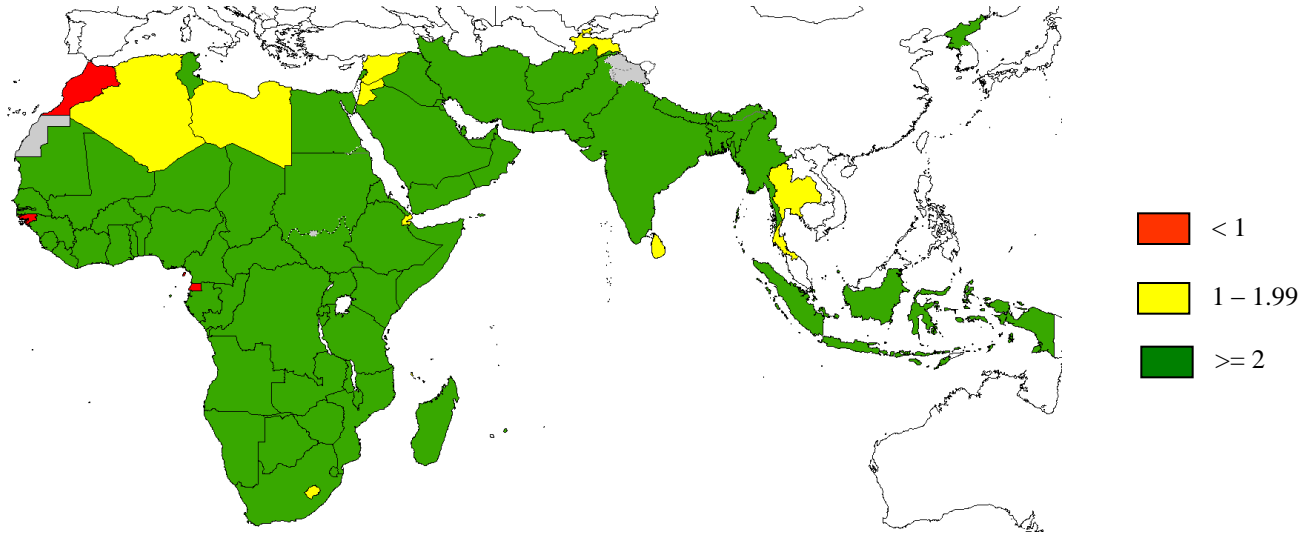
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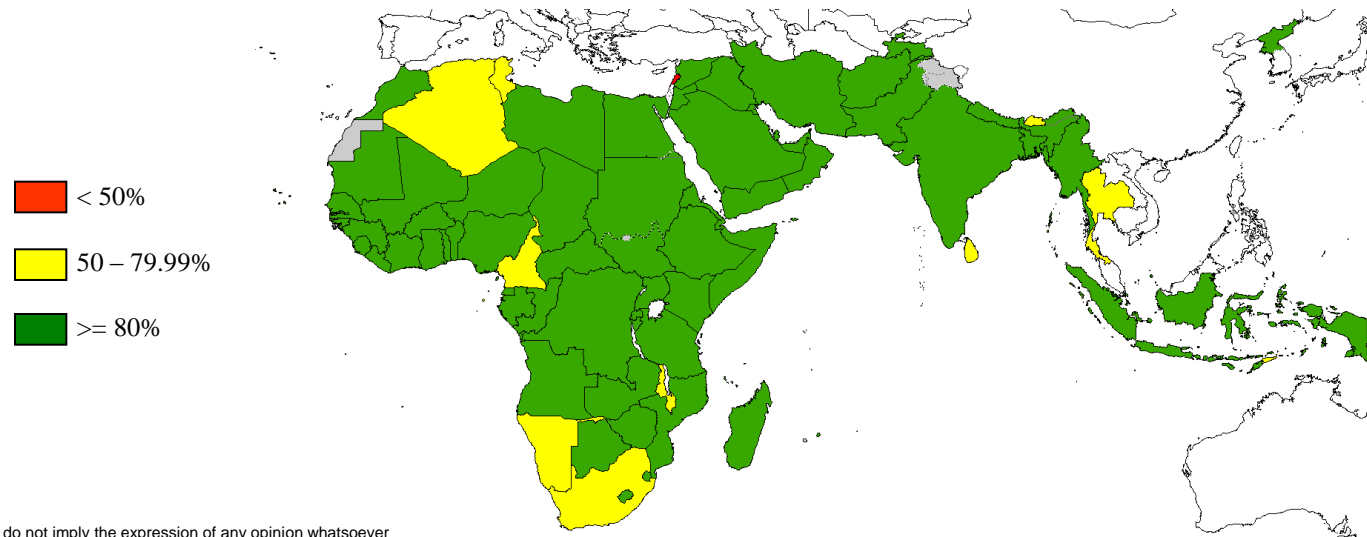
Surveillance indicators, polio endemic regions

Mar – Aug 2012

Non-polio AFP rate



Adequate stool collection rate



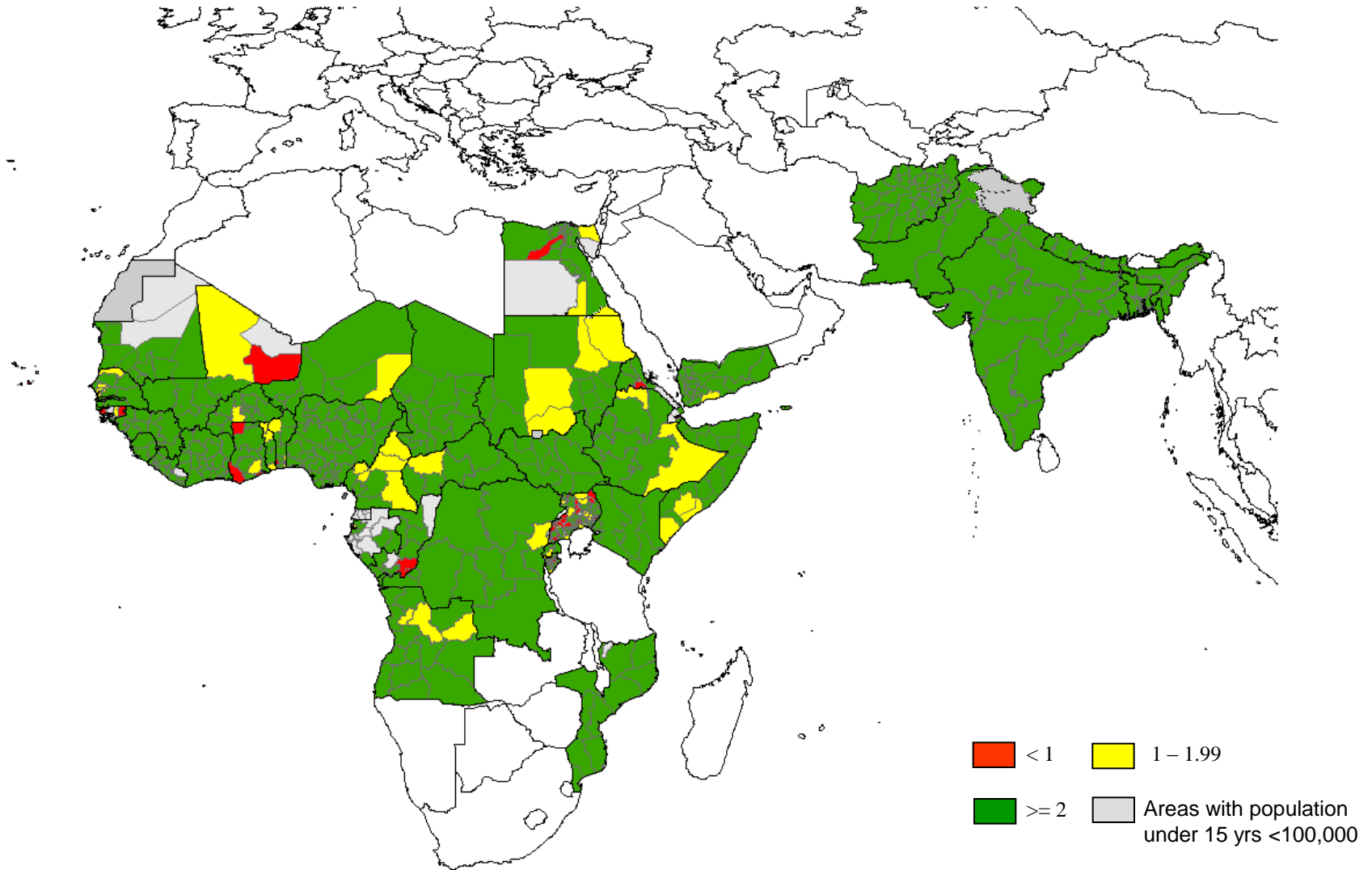
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Data in WHO/HQ as of 02 Oct 2012

Sub-national Non Polio AFP rate

Mar – Aug 2012



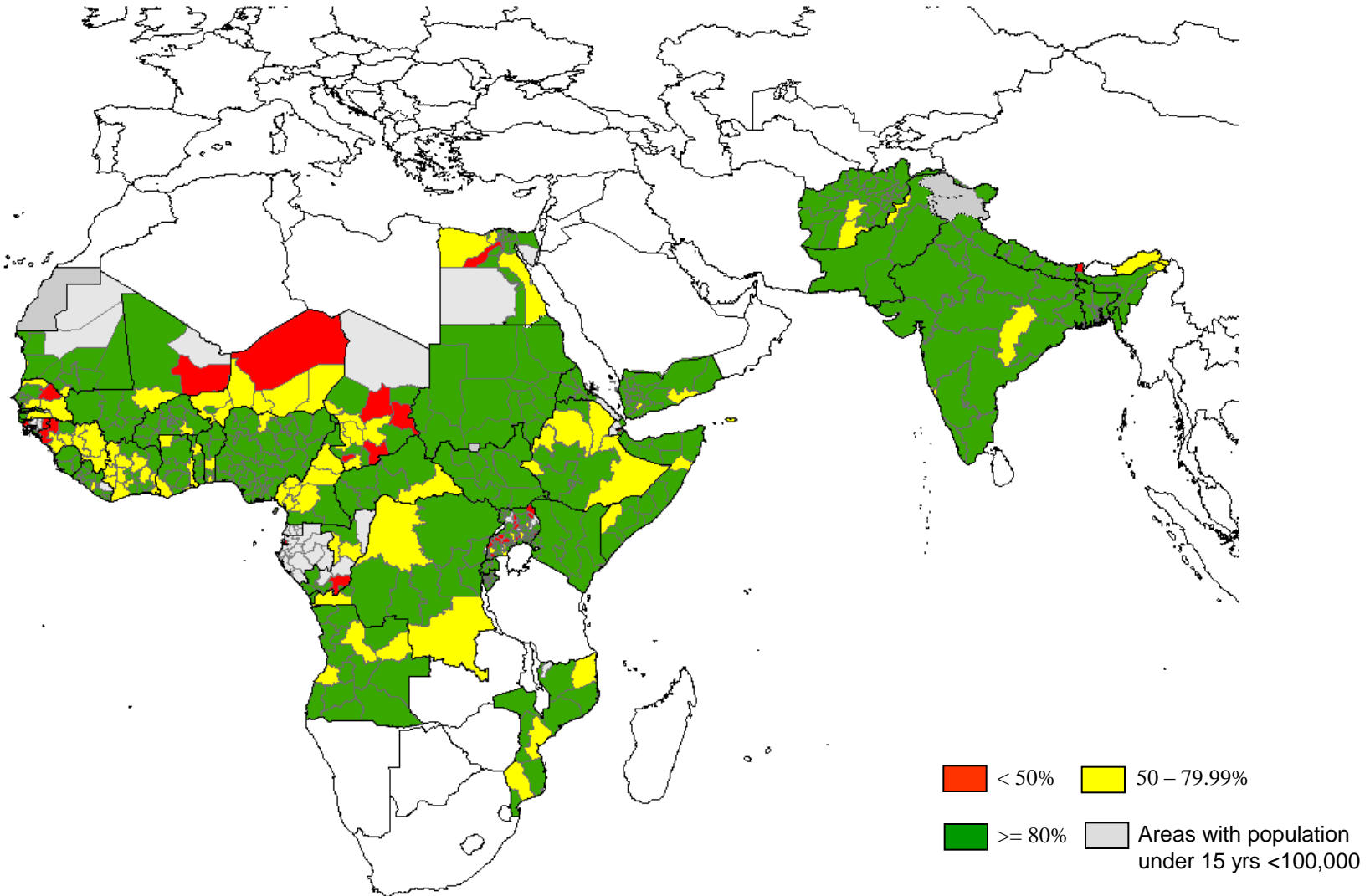
Only WPV endemic, re-established, and WPV importation belt countries are mapped.

The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.
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Sub-national Stool Adequacy rate*

Mar – Aug 2012



Only WPV endemic, re-established, and WPV importation belt countries are mapped.
*both stools collected within 14 days from onset with good stool condition.

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