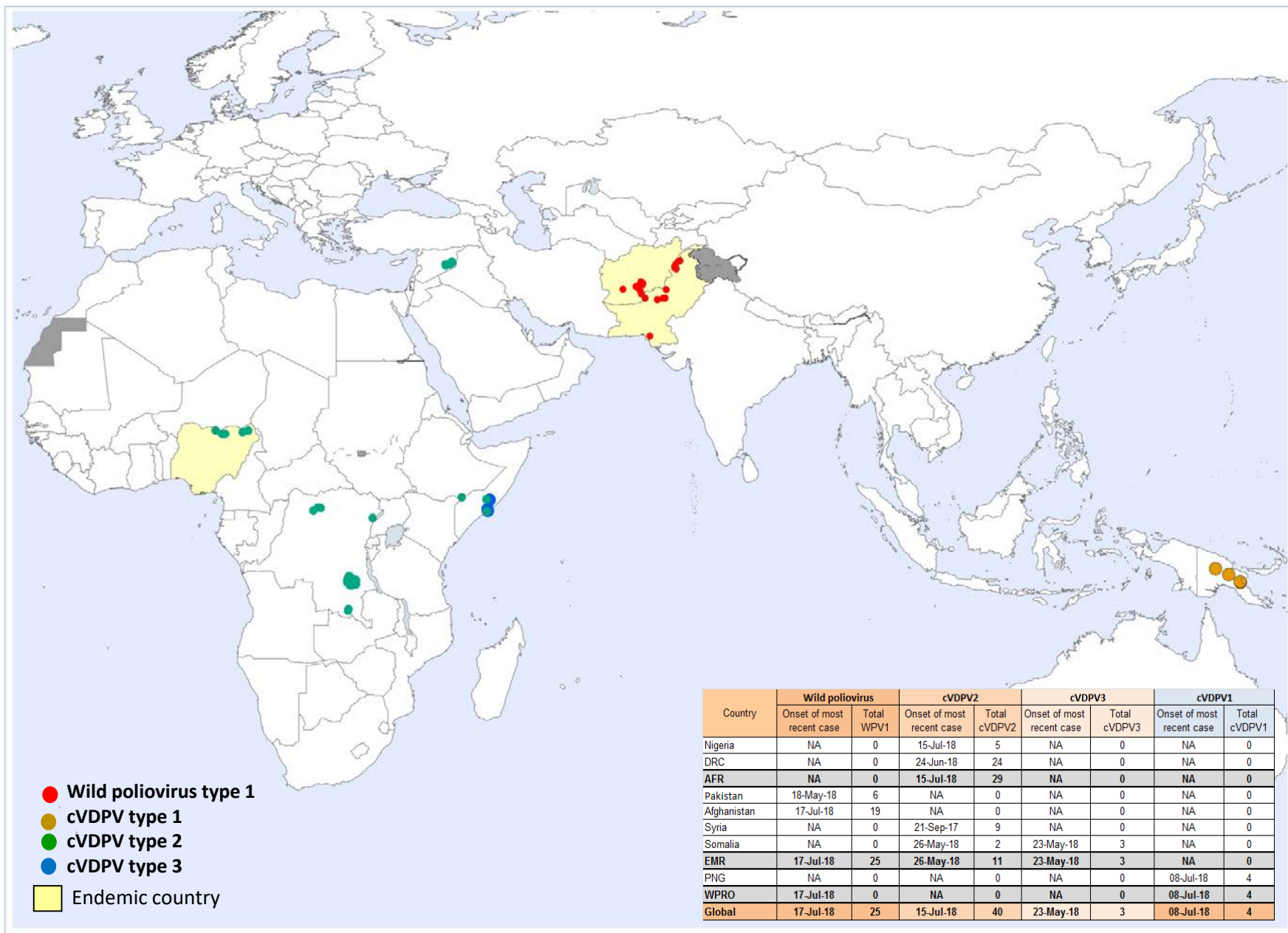


# Highlights of New Wild Poliovirus and cVDPV Positives Reported Globally this Week

Country	WPV1		cVDPV1		cVDPV2		Location: state/province/governorate
	AFP	other <sup>1</sup>	AFP	other <sup>1</sup>	AFP	other <sup>1</sup>	
Afghanistan		2					Jalalabad, Kandhar
Nigeria					1	2	Borno, Yobe and Sokoto
DRC						2	Mongala
Somalia					1		Banadir

<sup>1</sup>Environmental sampling, contacts of AFP cases, community sampling.

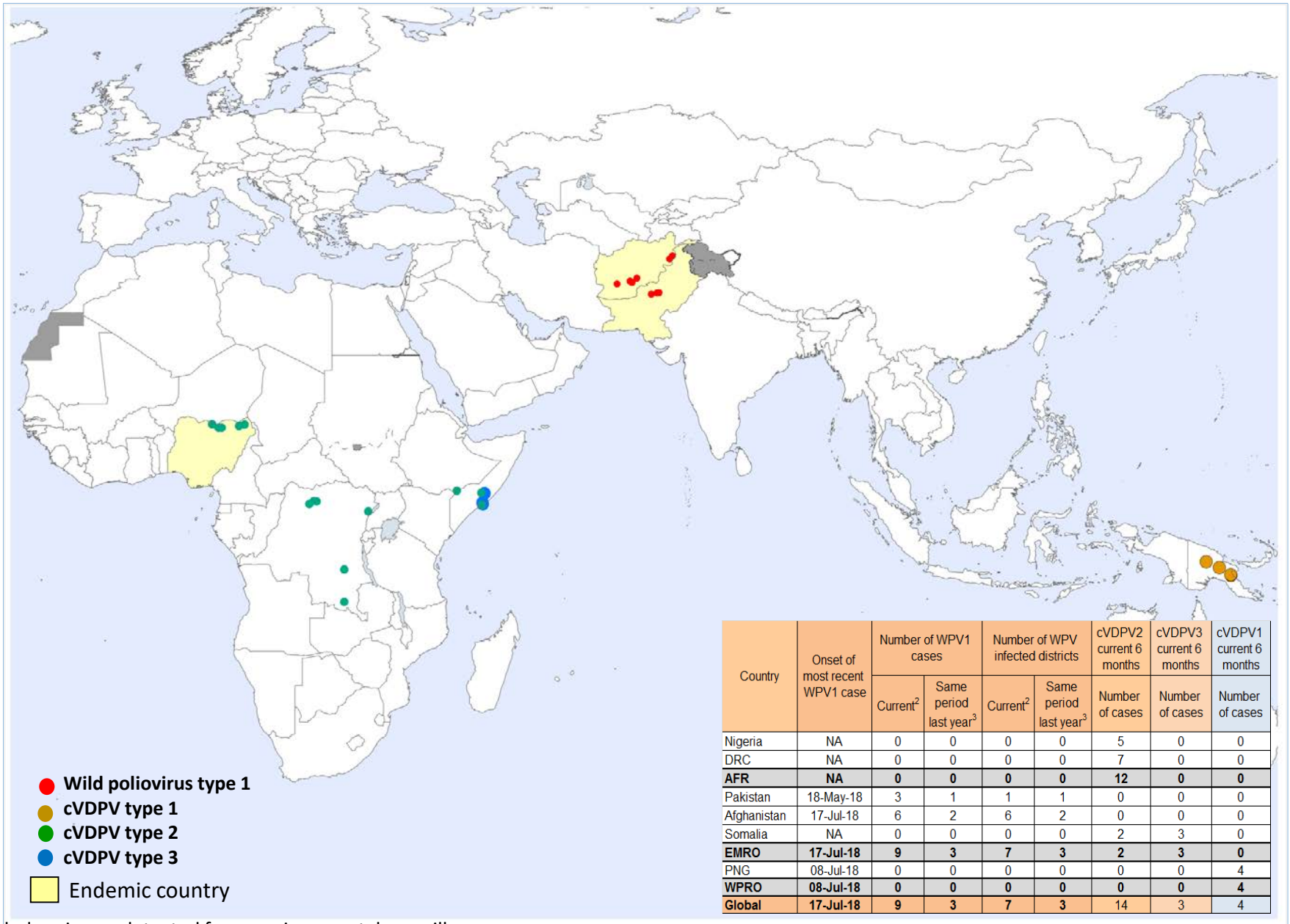
# Global Wild Poliovirus & cVDPV Cases<sup>1</sup>, Previous 12 Months<sup>2</sup>



<sup>1</sup>Excludes viruses detected from environmental surveillance

<sup>2</sup>Onset of paralysis 22 August 2017 – 21 Aug 2018

# Global Wild Poliovirus & cVDPV Cases<sup>1</sup>, Previous 6 Months<sup>2</sup>



<sup>1</sup>Excludes viruses detected from environmental surveillance

<sup>2</sup>Onset of paralysis: 22 February 2018 – 21 Aug 2018

<sup>2</sup>Current rolling 6 months: 01 February 2018 – 21 Aug 2018

<sup>3</sup>Same period previous year: data reported from 21 Aug 2017

# Global Wild Poliovirus 2013 - 2018

Country or territory <sup>3</sup>	Wild virus confirmed cases									Wild virus reported from other sources <sup>2</sup>						
	Full year total					01 Jan -21 Aug <sup>1</sup>		Onset of most recent type 1	Onset of most recent type 3	Full year total						Date of most recent virus
	2013	2014	2015	2016	2017	2017	2018			2013	2014	2015	2016	2017	2018	
<b>Afghanistan</b>	14	28	20	13	14	6	11	17-Jul-18	11-Apr-10		17	20	2	42	32	05-Aug-18
<b>Pakistan</b>	93	306	54	20	8	3	3	18-May-18	18-Apr-12	66	127	84	62	110	55	30-Jul-18
<b>Nigeria</b>	53	6	0	4	0	0	0	21-Aug-16	10-Nov-12	3	1		1 <sup>6</sup>			27-Sep-16
<b>Somalia</b>	194	5	0	0	0	0	0	11-Aug-14	NA							
<b>Cameroon</b>	4	5	0	0	0	0	0	09-Jul-14	15-Oct-09							
<b>Equatorial Guinea</b>	0	5	0	0	0	0	0	03-May-14	NA							
<b>Iraq</b>	0	2	0	0	0	0	0	07-Apr-14	NA							
<b>Israel<sup>4</sup></b>	0	0	0	0	0	0	0	NA	NA	136	14					30-Mar-14
<b>Syrian Arab Republic</b>	35	1	0	0	0	0	0	21-Jan-14	NA							
<b>West Bank and Gaza</b>	0	0	0	0	0	0	0	NA	NA	7	1					05-Jan-14
<b>Ethiopia</b>	9	1	0	0	0	0	0	05-Jan-14	NA							
<b>Kenya</b>	14	0	0	0	0	0	0	14-Jul-13	NA	1						12-Oct-13
<b>Total</b>	<b>416</b>	<b>359</b>	<b>74</b>	<b>37</b>	<b>22</b>	<b>9</b>	<b>14</b>			<b>213</b>	<b>160</b>	<b>104</b>	<b>65</b>	<b>152</b>	<b>87</b>	
<b>Total wild virus type 1</b>	416	359	74	37	22	9	14									
<b>Total wild virus type 3</b>	0	0	0	0	0	0	0									
<b>Tot. in endemic countries</b>	160	340	74	37	22	9	14									
<b>Tot. in non-end countries</b>	256	19	0	0	0	0	0									
<b>No. of countries (infected)</b>	8	9	2	3	3	2	2									
<b>No. of countries (endemic)</b>	3	3	3 <sup>5</sup>	3 <sup>5</sup>	3 <sup>5</sup>	3	3									

**Countries in yellow are endemic.** <sup>1</sup>Data reported to WHO HQ on 21 Aug 2017 for 2017 data and 21 Aug for 2018 data.

<sup>2</sup>Wild viruses from environmental samples, selected contacts, healthy children and other sources. <sup>3</sup>In March 2014, a serotype 1 wild poliovirus was detected in an environment specimen from Brazil, further investigation indicates this is an isolated event without evidence of circulation. <sup>4</sup>Results are based on L20B positive culture. Prior to reporting week 16, 2014, results were based on a combination of direct qRT-PCR on RNA from concentrated sewage and L20B positive culture. <sup>5</sup>Between 27 Sep 2015 and 27 Sep 2016, Nigeria was not classified as endemic. NA - Most recent case had onset prior to 1999. <sup>6</sup>Exceptionally reporting case-contact of a positive index case given the date of collection is later than the onset date of the most recent WPV.

# Global Circulating Vaccine-derived Poliovirus<sup>1,2,3</sup>

Country	AFP cases ( Paralysis onset between 2000-2018)																			Other sources (Human) <sup>5</sup> (collection between 2015-2018)					Other sources (Environment) (collection between 2015-2018)														
	cVDPV type 1																			2015	2016	2017	2018	most recent collection date	2015	2016	2017	2018	most recent collection date										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018											Onset of most recent case									
PNG																		4	08-Jul-18				2	31-May-18															
Laos																8	3			11-Jan-16	6	5			09-Feb-16														
Madagascar														1	10				22-Aug-15	1				01-Aug-15															
Ukraine																2			07-Jul-15																				
Mozambique																			02-Jun-11																				
Myanmar							1	4											06-Dec-07																				
Indonesia					46														26-Oct-05																				
China				2															11-Nov-04																				
Philippines		3																	26-Jul-01																				
DOR/Haiti	12	9																	12-Jul-01																				
Total type 1	12	12	0	0	2	46	1	4	0	0	0	2	0	0	1	20	3	0	4		7	5	0	2		0	0	0	0										
cVDPV type 2																																							
Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Onset of most recent case	2015	2016	2017	2018	most recent collection date	2015	2016	2017	2018	most recent collection date	2015	2016	2017	2018	most recent collection date				
DR Congo									13	5	18	11	17						22	11	24-Jun-18			19	12	27-Jul-18													
Nigeria						3	22	71	68	155	27	34	8	4	30	1	1			5	15-Jul-18	2 <sup>2</sup>		4	22-Jul-18	2	1			24	29-Jun-18								
Somalia									1	6	1	9	1	1						3 <sup>6</sup>	10-Jul-18			3	14-May-18			2	9	17-May-18									
Syria																			74	21-Sep-17		1 <sup>4</sup>	43		03-Sep-17														
Pakistan													16	48	22	2	1			17-Dec-16						7	4									28-Dec-16			
Guinea														1	7					14-Dec-15																			
Myanmar																				05-Oct-15																			
South Sudan															2					12-Sep-14																			
Cameroon														4						12-Aug-13																			
Niger							2			2	1	1								11-Jul-13																			
Chad											1		12	4						12-May-13																			
Afghanistan											5	1	9	3						13-Mar-13																			
Kenya													3							29-Aug-12																1	21-Mar-18		
China														2						06-Feb-12																			
Yemen												9								05-Oct-11																			
India											15	2								18-Jan-10																			
Ethiopia									3	1										16-Feb-09																			
Madagascar		1	4			3														13-Jul-05																			
Total type 2	0	1	4	0	0	6	24	71	85	184	55	65	68	65	55	12	2	96	19		0	3	62	19		9	5	2	34										
cVDPV type 3																																							
Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Onset of most recent case	2015	2016	2017	2018	most recent collection date	2015	2016	2017	2018	most recent collection date	2015	2016	2017	2018	most recent collection date				
Somalia																				3 <sup>6</sup>	23-May-18															9	19-Apr-18		
Yemen														3	1					12-Jul-13																			
Ethiopia										1	5									17-May-10																			
Cambodia						1	1													15-Jan-06																			
Total type 3	0	0	0	0	0	1	1	0	0	1	5	0	3	1	0	0	0	0	3		0	0	0	0		0	0	0	9										

Environmental surveillance for poliovirus in selected sewage sites established and working

<sup>1</sup>For cVDPV definition see [http://polioeradication.org/wp-content/uploads/2016/09/Reporting-and-Classification-of-VDPVs\\_Aug2016\\_EN.pdf](http://polioeradication.org/wp-content/uploads/2016/09/Reporting-and-Classification-of-VDPVs_Aug2016_EN.pdf) . Niger 2006, Niger 2009, Niger 2010, Chad 2010 cVDPVs are linked to the Nigeria outbreak. Kenya 2012 cVDPVs are linked to the Somalia outbreak. Nigeria figures include cases with WPV1/cVDPV2 mixture: 2005 - 2, 2006 - 1, 2007 - 1, 2008 - 3, 2009 - 1, 2011 - 1; WPV3/cVDPV2 mixture: 2007 - 2. <sup>2</sup> include a cVDPV2 from a contact of a WPV1 case in Nigeria. <sup>3</sup>Figures include multiple emergences. <sup>4</sup> stool collected in Sep - 2016 but the final result was reported in 2017. <sup>5</sup> Include contact, healthy and community samples . Positive contact of a negative index AFP case double counted in both AFP cases and other sources count . <sup>6</sup> 1 cVDPV2 and cVDPV3 isolated from one child double counted.

# Global Surveillance Indicators: Year to Date Comparison

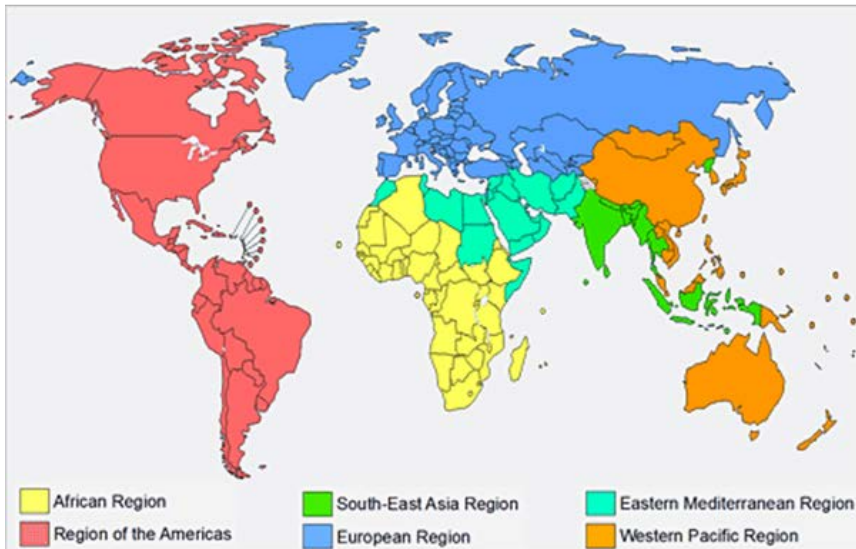
2017 & 2018: 01 January to 21 Aug 2018\*

WHO region	AFP cases		Wild poliovirus cases		cVDPV cases		Polio compatibles		Pending final classification		
	2017	2018	2017	2018	2017	2018	2017	2018	Total		>90 days
									2017	2018	2018
<b>African</b>	19308	14464	0	0	8	16	30	39	2202	1704	444
<b>Central</b>	2343	2928	0	0	8	11	14	21	247	341	66
<b>South/East</b>	3383	3614	0	0	0	0	6	5	465	627	222
<b>West</b>	13582	7922	0	0	0	5	10	13	1490	736	156
<b>American</b>	1017	943	0	0	0	0	0	0	232	220	100
<b>Eastern Mediterranean</b>	10707	12389	9	14	33	5	0	0	1147	1306	547
<b>European</b>	969	843	0	0	0	0	0	1	361	268	66
<b>South East Asian</b>	24625	21960	0	0	0	0	3	0	3665	3052	1061
<b>Western Pacific</b>	3248	3039	0	0	0	4	1	2	1262	1312	539
<b>Global</b>	<b>59874</b>	<b>53638</b>	<b>9</b>	<b>14</b>	<b>41</b>	<b>25</b>	<b>34</b>	<b>42</b>	<b>8869</b>	<b>7862</b>	<b>2757</b>

<sup>1</sup>cVDPV includes all three serotypes 1, 2 and 3. Please refer to slide 5 for the distribution of cases by serotypes.

\*Data for 2017 as of 22 August 2017 and for 2018 as of 21 Aug 2018

## WHO Regions



For data at country, regional and global levels from 2000 onwards, see the WHO website at <https://extranet.who.int/polio/public/CaseCount.aspx>