

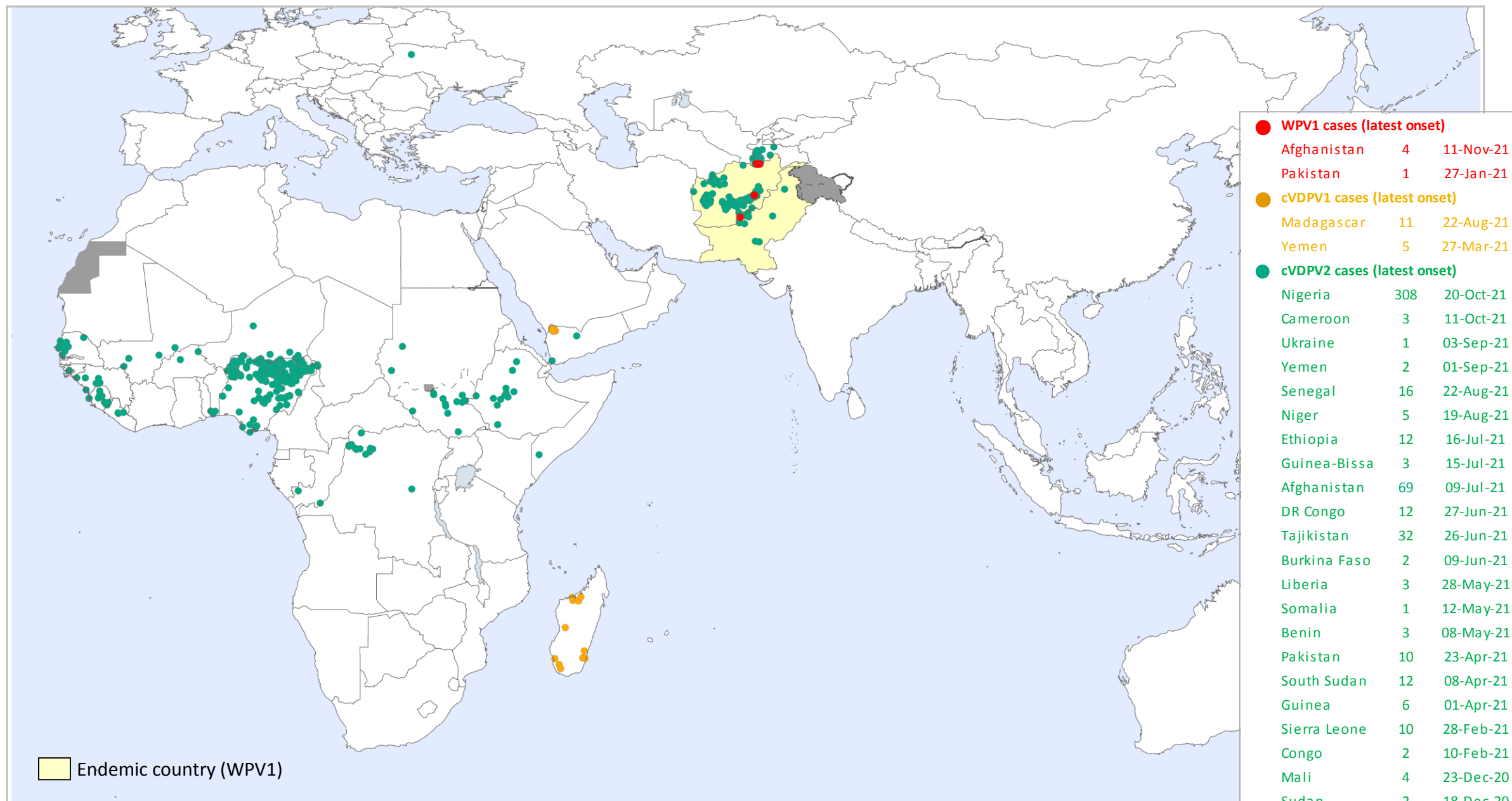
# Highlights of New Wild Poliovirus and cVDPV Positives Reported Globally this Week

Country	WPV1			cVDPV1			cVDPV2			cVDPV3			Location State/Province/Governorate
	AFP	ENV	other <sup>1</sup>	AFP	ENV	other <sup>1</sup>	AFP	ENV	other <sup>1</sup>	AFP	ENV	other <sup>1</sup>	
AFGHANISTAN	1												KUNDUZ
CAMEROON							1	1	1				EXTREME NORD
NIGERIA							18	15	10				BORNO, KANO, KATSINA, BAUCHI, JIGAWA, TARABA, GOMBE

<sup>1</sup>contacts of positive AFP cases, community, healthy children

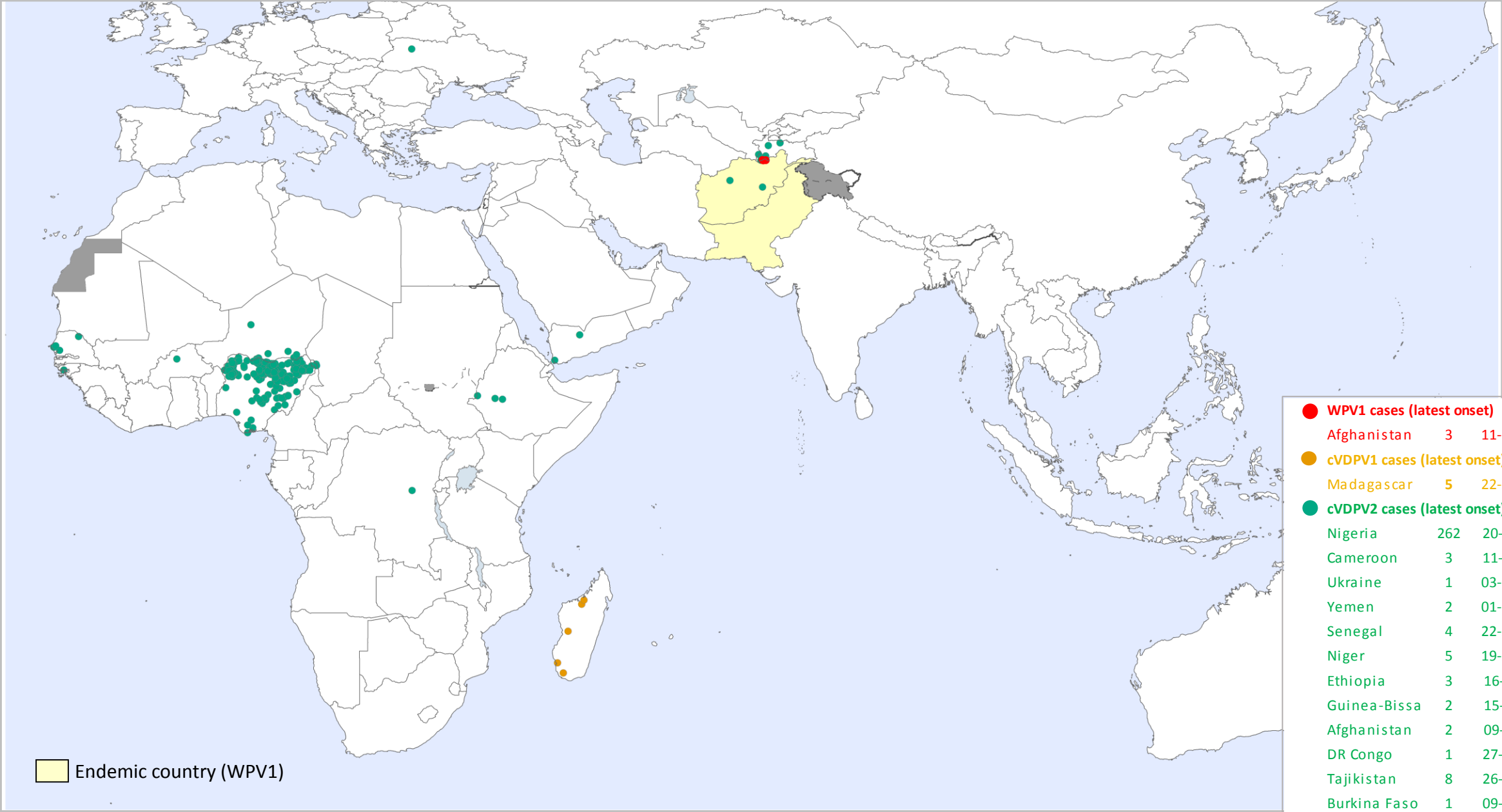
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# Global WPV1 & cVDPV Cases<sup>1</sup>, Previous 12 Months<sup>2</sup>



<sup>1</sup>Excludes viruses detected from environmental surveillance; <sup>2</sup>Onset of paralysis 08 Dec. 2020 to 07 Dec. 2021

# Global WPV1 & 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 08 Jun. 2021 to 07 Dec. 2021

# Global Wild Poliovirus 2016 - 2021

Country or territory <sup>3</sup>	Wild virus type 1 confirmed cases								Wild virus type 1 reported from other sources <sup>2</sup>							
	Full year total					01 Jan-07 Dec <sup>1</sup>		Date of most recent case	Full year total					01 Jan-07 Dec <sup>1</sup>		Date of most recent virus
	2016	2017	2018	2019	2020	2020	2021		2016	2017	2018	2019	2020	2020	2021	
Pakistan	20	8	12	147	84	82	1	27-Jan-21	62	110	141	405	455	417	63	11-Nov-21
Afghanistan	13	14	21	29	56	56	4	11-Nov-21	2	42	83	60	48	48	1	23-Feb-21
Nigeria <sup>3</sup>	4	0	0	0	0	0	0	21-Aug-16	1 <sup>4</sup>							27-Sep-16
Iran	0	0	0	0	0	0	0	NA				3				20-May-19
<b>Total (Type1)</b>	<b>37</b>	<b>22</b>	<b>33</b>	<b>176</b>	<b>140</b>	<b>138</b>	<b>5</b>		<b>65</b>	<b>152</b>	<b>224</b>	<b>468</b>	<b>503</b>	<b>465</b>	<b>64</b>	
Tot. in endemic countries	37	22	33	176	140	138	5									
Tot. in non-end countries	0	0	0	0	0	0	0									
No. of countries (infected)	3	2	2	2	2	2	2									
No. of countries (endemic)	2 <sup>3</sup>	2 <sup>3</sup>	3	3	3	2	2									
Total Female	13	7	18	72	59	58	1									
Total Male	24	15	15	104	81	80	4									

Countries in yellow are endemic. <sup>1</sup>Data reported to WHO HQ on 08 Dec. 2020 for 2020 data and 07 Dec. 2021 for 2021 data.

<sup>2</sup>Wild viruses from environmental samples, selected contacts, healthy children and other sources. Last WPV type 3 had its onset on 10 November 2012. <sup>3</sup>Between 27 Sep 2015 and 27 Sep 2016, Nigeria was not classified as endemic, and declared Wild polio-free as of June 2020. <sup>4</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 (cVDPV)<sup>1,2,3</sup>

<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). <sup>2</sup>Figures include multiple emergences. <sup>3</sup> stool collected in Sep - 2016 but the final result was reported in 2017. <sup>4</sup> Include contact, healthy and community samples. <sup>5</sup> 1 cVDPV2 and cVDPV3 isolated from one child. <sup>6</sup>No clear evidence of in-country community transmission; investigations underway

	Country	AFP cases (Paralysis onset between 2016-2021)							Other sources (Human) <sup>4</sup> (Collection between 2016-2021)							Other sources (Environment) (Collection between 2016-2021)							
		2016	2017	2018	2019	2020	2021	Onset of most recent case	2016	2017	2018	2019	2020	2021	most recent collection date	2016	2017	2018	2019	2020	2021	most recent collection date	
cVDPV1 <sup>1</sup>	Madagascar					2	10	22-Aug-21						17	08-Aug-21							24	13-Sep-21
	Yemen				1	31	3	27-Mar-21				1			07-Jul-19								
	Malaysia				3	1		14-Jan-20											12	9			13-Mar-20
	Philippines				2			28-Oct-19				1			31-Oct-19					14			28-Nov-19
	Myanmar					6		09-Aug-19				6			21-Aug-19								
	Indonesia			1				27-Nov-18				2			13-Feb-19								
	PNG			26				18-Oct-18			7				20-Sep-18			7					06-Nov-18
	Laos	3						11-Jan-16	5						09-Feb-16								
<b>Total type 1</b>	<b>3</b>	<b>0</b>	<b>27</b>	<b>12</b>	<b>34</b>	<b>13</b>		<b>5</b>	<b>0</b>	<b>7</b>	<b>10</b>	<b>0</b>	<b>17</b>		<b>0</b>	<b>0</b>	<b>7</b>	<b>26</b>	<b>9</b>	<b>24</b>			
cVDPV2 <sup>1</sup>	Central African Republic				21	4		29-Oct-20				43	1		05-Oct-20				9	2	1		03-Nov-21
	Uganda																			2			02-Nov-21
	Nigeria	1		34	18	8	307	20-Oct-21	2 <sup>2</sup>		53	18	8	122	28-Oct-21	1		44	64	5	176		09-Oct-21
	Cameroon					7	3	11-Oct-21						2	25-Oct-21				4	9	1		25-Oct-21
	Ukraine						1	03-Sep-21						18	09-Oct-21								
	Senegal						16	15-Aug-21						33	06-Oct-21					1	11		07-Sep-21
	Gambia																				9		09-Sep-21
	Benin				8	3	3	08-May-21						2	08-Sep-21					5	1		22-Mar-21
	Mauritania												4		19-Jul-21						5		01-Sep-21
	Yemen						2	01-Sep-21															
	DR Congo		22	20	88	81	11	27-Jun-21		19	15	29	95	5	19-Aug-21						1		29-Apr-20
	Niger			10	1	10	5	19-Aug-21			4	6	2	1	13-Aug-21						9		08-Dec-20
	Tajikistan					1	32	26-Jun-21						22	24-May-21							17	13-Aug-21
	Pakistan	1			22	135	8	23-Apr-21				14	2		11-Nov-20	4			40	135	35		11-Aug-21
	Guinea-Bissau						3	15-Jul-21						1	26-Jul-21								
	Ethiopia				14	36	9	16-Jul-21				9	7		13-Oct-20				3	4			28-Dec-20
	Guinea					44	6	01-Apr-21						1	05-Sep-20					1	1		10-Jul-21
	Afghanistan					308	43	09-Jul-21						36	03-May-21					175	40		23-Jun-21
	Burkina Faso				1	65	2	09-Jun-21						12	19-Sep-20								
	Egypt																			1	10		08-Jun-21
	Sierra Leone					10	5	28-Feb-21					6	8	19-Mar-21						9		01-Jun-21
	Congo					2	2	10-Feb-21					2		12-Oct-20					1	2		01-Jun-21
	Liberia						3	28-May-21					2	5	21-Jan-21					7	14		20-Apr-21
	Somalia			6 <sup>5</sup>	3	14	1	12-May-21				2	13		10-Nov-20	2	19	5	27	1			23-May-21
	South Sudan					50	9	10-Apr-21					19	5	25-Feb-21					6			01-Dec-20
	Iran																			3	1		20-Feb-21
	Kenya												1	2	25-Jan-21			1		1	1		13-Jan-21
	Côte d'Ivoire					63		18-Oct-20						24	01-Nov-20				7	93			23-Dec-20
	Mali					52		23-Dec-20						3	15-Aug-20					4			29-Aug-20
	Sudan					59		18-Dec-20						11	01-Oct-20					14			09-Nov-20
	Chad				11	101		28-Nov-20				6	17		15-Oct-20					10	3		13-Mar-20
	Ghana				18	12		09-Mar-20				16	10		22-Feb-20					17	20		17-Sep-20
	Togo				8	9		03-May-20				1	9		09-Jul-20								
Angola				138	3		09-Feb-20				22			31-Oct-19					17			02-Dec-19	
Malaysia																		3	5			04-Feb-20	
Philippines				12	1		15-Jan-20				6			23-Nov-19					19	4		16-Jan-20	
Zambia				2			25-Nov-19				2			25-Sep-19									
China				1			25-Apr-19				3			18-Aug-19			1					18-Apr-18	
Mozambique			1				21-Oct-18				2			17-Dec-18									
Syria		74					21-Sep-17	1 <sup>3</sup>	66					12-Sep-17									
<b>Total type 2</b>	<b>2</b>	<b>96</b>	<b>71</b>	<b>366</b>	<b>1078</b>	<b>471</b>		<b>3</b>	<b>85</b>	<b>74</b>	<b>177</b>	<b>285</b>	<b>232</b>		<b>5</b>	<b>2</b>	<b>65</b>	<b>198</b>	<b>536</b>	<b>337</b>			
cVDPV3 <sup>1</sup>	China												1		22-Jul-20						1		25-Jan-21
	Somalia				7 <sup>5</sup>			07-Sep-18			2				29-Jun-18			11					23-Aug-18
<b>Total type 3</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>1</b>			
Gender	Female (all sero type)	3	54	34	151	492	208																
	Male (all sero type)	2	42	70	215	610	275																
	Gender Unknown				12	10	1																

Environmental surveillance for poliovirus in selected sewage sites established and working

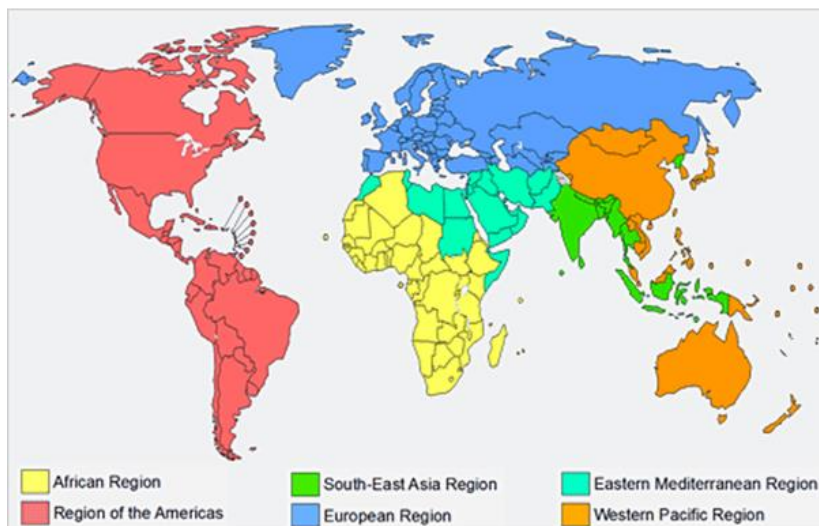
**Changes from previous week**

# Global Surveillance Indicators: Year to Date Comparison 2020 & 2021: 01 January to 07 December 2021\*

WHO region	AFP cases		Wild poliovirus cases		cVDPV <sup>1</sup> cases		Polio compatibles		Pending final classification		
									Total		> 90 days
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2021
<b>African</b>	19,275	24,825	0	0	414	394	52	53	2,852	2,523	636
<b>Central</b>	4,755	5,388	0	0	169	16	26	20	499	498	156
<b>South/East</b>	4,732	7,386	0	0	45	28	13	20	978	1,012	229
<b>West</b>	9,788	12,051	0	0	200	350	13	13	1,375	1,013	251
<b>American</b>	1,106	1,071	0	0	0	0	0	0	179	172	101
<b>Eastern Mediterranean</b>	18,247	19,984	138	5	343	57	10	5	2,000	1,600	220
<b>European</b>	752	963	0	0	0	33	0	2	208	286	102
<b>South East Asian</b>	19,841	24,406	0	0	0	0	0	4	3,824	3,477	1,156
<b>Western Pacific</b>	4,820	4,826	0	0	2	0	2	0	1,792	2,218	1,263
<b>Global</b>	<b>64,041</b>	<b>76,075</b>	<b>138</b>	<b>5</b>	<b>759</b>	<b>484</b>	<b>64</b>	<b>64</b>	<b>10,855</b>	<b>10,276</b>	<b>3,478</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.

WHO Regions



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

\*Data for 2020 as of 08 Dec. 2020 and for 2021 as of 07 Dec. 2021