

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

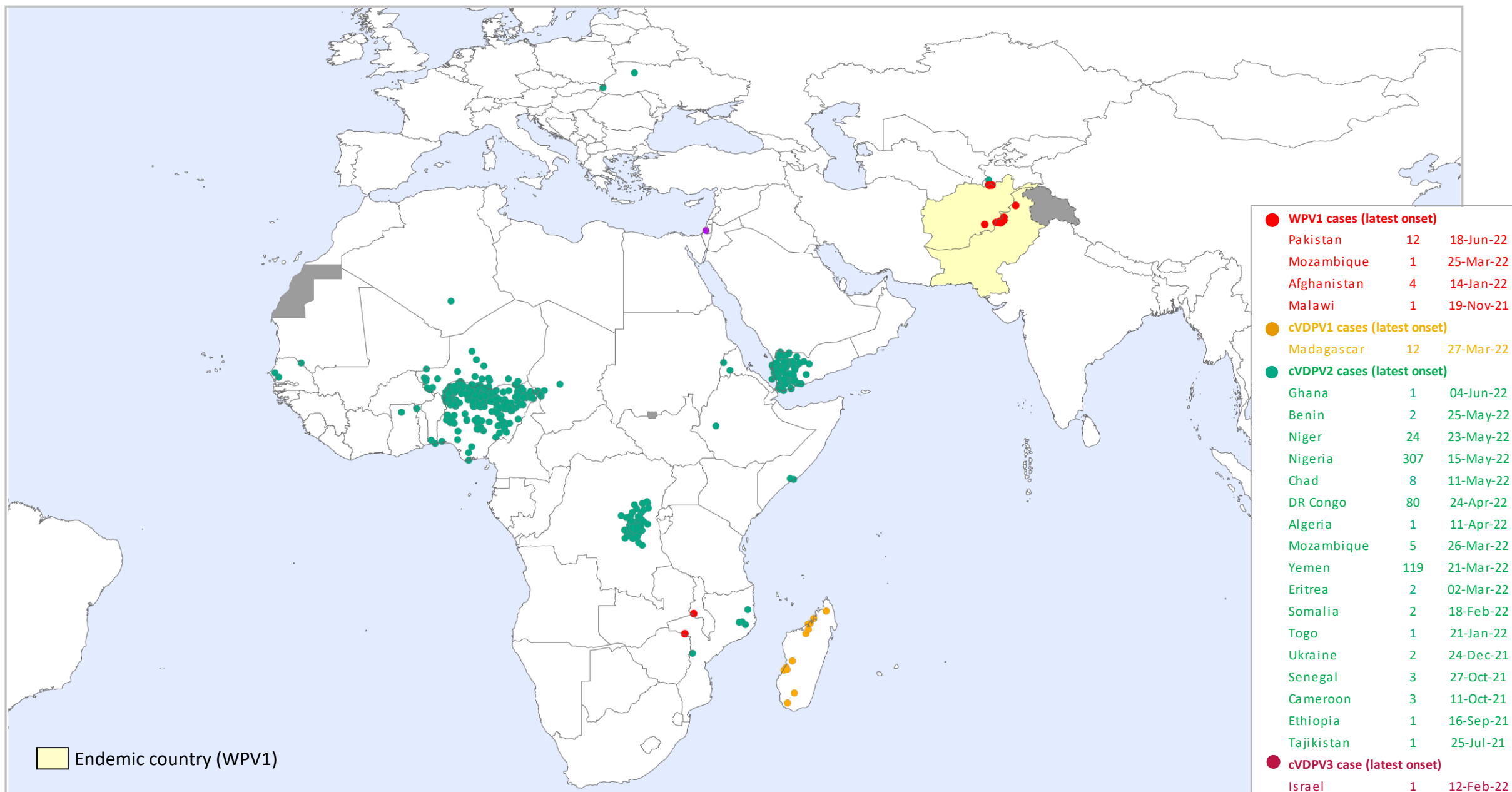
Country	WPV1			cVDPV1			cVDPV2			cVDPV3			Location State/Province/Governorate
	AFP	ENV	other <sup>1</sup>	AFP	ENV	other <sup>1</sup>	AFP	ENV	other <sup>1</sup>	AFP	ENV	other <sup>1</sup>	
PAKISTAN	1												KPAKHTUNKHWA
BENIN									1				ATLANTIQUE
GHANA									1				NORTHERN
NIGERIA							3		3				KATSINA, TARABA, ZAMFARA
YEMEN							5						AMRAN, DHAMAR, LAHAJ, SANAA CITY

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

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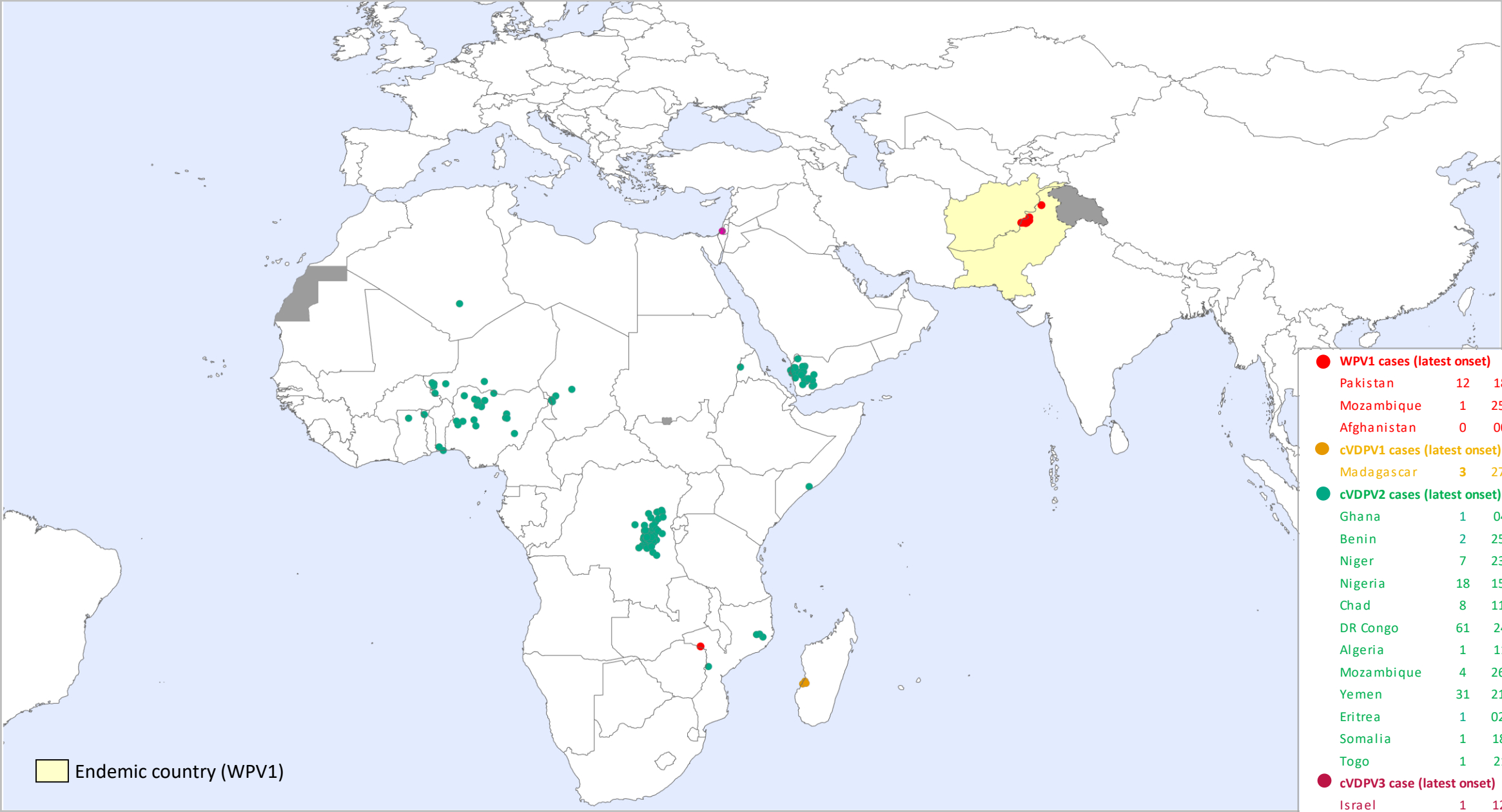
Data in WHO HQ as of 19 Jul. 2022

# 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 20 Jul. 2021 to 19 Jul. 2022

# 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 20 Jan. 2022 to 19 Jul. 2022

# Global Wild Poliovirus 2016 - 2022

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-19 Jul <sup>1</sup>		Date of most recent case	Full year total						1 Jan-19 Jul <sup>1</sup>	Date of most recent virus
	2016	2017	2018	2019	2020	2021	2021	2022		2016	2017	2018	2019	2020	2021	2022	
<b>Pakistan</b>	20	8	12	147	84	1	1	12	18-Jun-22	62	110	141	405	455	65	6	03-Jun-22
<b>Afghanistan</b>	13	14	21	29	56	4	1	1	14-Jan-22	2	42	83	60	49	1	1	04-May-22
<b>Mozambique</b>	0	0	0	0	0	0	0	1	25-Mar-22								
<b>Malawi</b>	0	0	0	0	0	1	0	0	19-Nov-21								
<b>Iran</b>	0	0	0	0	0	0	0	0	NA				3				20-May-19
<b>Nigeria<sup>3</sup></b>	4	0	0	0	0	0	0	0	21-Aug-16	1 <sup>4</sup>							27-Sep-16
<b>Total (Type1)</b>	<b>37</b>	<b>22</b>	<b>33</b>	<b>176</b>	<b>140</b>	<b>6</b>	<b>2</b>	<b>14</b>		<b>65</b>	<b>152</b>	<b>224</b>	<b>468</b>	<b>504</b>	<b>66</b>	<b>7</b>	
<b>Tot. in endemic countries</b>	37	22	33	176	140	5	2	13									
<b>Tot. in non-end countries</b>	0	0	0	0	0	1	0	1									
<b>No. of countries (infected)</b>	3	2	2	2	2	3	2	3									
<b>No. of countries (endemic)</b>	2 <sup>3</sup>	2 <sup>3</sup>	3	3	3	2	2	2									
<b>Total Female</b>	13	7	18	72	59	2	0	5									
<b>Total Male</b>	24	15	15	104	81	4	2	9									

Countries in yellow are endemic. <sup>1</sup>Data reported to WHO HQ on 20 Jul. 2021 for 2021 data and 19 Jul. for 2022 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 in Somalia. <sup>6</sup>No clear evidence of in-country community transmission; investigations underway

	Country	AFP cases (Paralysis onset between 2016-2022)							Other sources (Human) <sup>4</sup> (Collection between 2016-2022)							Other sources (Environment) (Collection between 2016-2022)										
		2016	2017	2018	2019	2020	2021	2022	Onset of most recent case	2016	2017	2018	2019	2020	2021	2022	most recent collection date	2016	2017	2018	2019	2020	2021	2022	most recent collection date	
cVDPV1 <sup>1</sup>	Madagascar					2	13	5	27-Mar-22						25	6	28-Apr-22						31	29	09-May-22	
	Yemen				1	31	3		27-Mar-21				1													
	Malaysia				3	1			14-Jan-20												12	9			13-Mar-20	
	Philippines				2				28-Oct-19				1								14				28-Nov-19	
	Myanmar					6			09-Aug-19				6													
	Indonesia				1				27-Nov-18				2													
	PNG				26				18-Oct-18			7								7					06-Nov-18	
	Laos	3							11-Jan-16	5																
<b>Total type 1</b>	<b>3</b>	<b>0</b>	<b>27</b>	<b>12</b>	<b>34</b>	<b>16</b>	<b>5</b>		<b>5</b>	<b>0</b>	<b>7</b>	<b>10</b>	<b>0</b>	<b>25</b>	<b>6</b>		<b>0</b>	<b>0</b>	<b>7</b>	<b>26</b>	<b>9</b>	<b>31</b>	<b>29</b>			
cVDPV2 <sup>1</sup>	Ghana				18	12	1		04-Jun-22				16	10	1		31-May-22				17	20		7	14-Jun-22	
	DR Congo		22	20	88	81	28	63	24-Apr-22		19	15	29	95	6	6	28-Apr-22				1	3	1		02-Jun-22	
	Benin				8	3	3	2	25-May-22						2	1	01-Jun-22					5	1	1	17-May-22	
	Niger			10	1	10	18	8	23-May-22			4	6	2	1		13-Aug-21					9		4	02-May-22	
	Chad				11	101		8	11-May-22				6	17		2	03-Mar-22				10	3	1		10-Nov-21	
	Central African Republic				21	4			29-Oct-20				43	1			05-Oct-20				9	2	1	1	04-May-22	
	Egypt																					1	12	3	28-Apr-22	
	Nigeria	1		34	18	8	415	30	15-May-22	2 <sup>2</sup>		53	18	8	204	21	19-May-22	1			44	64	5	303	49	25-Apr-22
	Somalia			6 <sup>5</sup>	3	14	1	2	18-Feb-22				2	13		1	22-Feb-22		2		19	5	26	1	2	21-Apr-22
	Algeria							1	11-Apr-22																	
	Djibouti																							7	9	27-Mar-22
	Mozambique			1				2	4	26-Mar-22			2													
	Togo				8	9		1		21-Jan-22				1	9			09-Jul-20							1	22-Mar-22
	Yemen						66	54	21-Mar-22						12	17	26-Jan-22							10		29-Nov-21
	Eritrea						1	1	02-Mar-22																	
	Côte d'Ivoire					64			18-Oct-20					25				01-Nov-20				7	95		2	09-Feb-22
	Burkina Faso				1	68	2		09-Jun-21					12				19-Sep-20						1		28-Dec-21
	Ukraine						2		24-Dec-21						18		09-Oct-21									
	Mauritania														4		19-Jul-21							7		15-Dec-21
	Senegal						17		27-Oct-21						34		17-Nov-21						1	14		18-Nov-21
	Uganda					7	3		11-Oct-21					4	3		29-Oct-21						2			02-Nov-21
	Cameroon					14	36	10	16-Sep-21				9	7			13-Oct-20				3	4				25-Oct-21
	Ethiopia																				4	9	1			28-Dec-20
	Gambia																							9		09-Sep-21
	Pakistan	1			22	135	8		23-Apr-21				14	2			11-Nov-20	4			40	135	35			13-Aug-21
	Guinea					44	6		01-Apr-21					1			05-Sep-20					1	2			11-Aug-21
	Guinea-Bissau						3		15-Jul-21							1	26-Jul-21									03-Aug-21
	Tajikistan				1	35			25-Jul-21							22	24-May-21							17		22-Mar-21
	Afghanistan				308	43			09-Jul-21					36	2		03-May-21						175	40		23-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	3		01-Jun-21
	Liberia						3		28-May-21					2	5		21-Jan-21						7	14		20-Apr-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	
Mali					52			23-Dec-20					3			15-Aug-20						4			29-Aug-20	
Sudan					58			18-Dec-20					11			01-Oct-20						14			09-Nov-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	
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>1081</b>	<b>682</b>	<b>175</b>		<b>3</b>	<b>85</b>	<b>74</b>	<b>177</b>	<b>286</b>	<b>329</b>	<b>49</b>		<b>5</b>	<b>2</b>	<b>65</b>	<b>198</b>	<b>537</b>	<b>495</b>	<b>80</b>			
cVDPV3 <sup>1</sup>	Israel						1								3	24-Mar-22					1	5	25		15-Mar-22	
	Occupied Palestinian Terr.																						7	9		12-Mar-22
	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>1</b>		<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>		<b>0</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>34</b>			
Gender	Female (all sero type)	3	54	34	151	493	396	75																		
	Male (all sero type)	2	42	70	215	610	292	105																		
	Gender Unknown				13	10	3	1																		

Environmental surveillance for poliovirus in selected sewage sites established and working

Changes from previous week

# Global Surveillance Indicators: Year to Date Comparison

## 2021 & 2022: 01 January to 19 Jul. 2022\*

WHO region	AFP cases		Wild poliovirus cases		cVDPV <sup>1</sup> cases		Polio compatibles		Pending final classification		
									Total		> 90 days
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2022
<b>African</b>	11,796	15,684	0	1	88	124	10	3	2,539	3,719	945
<b>Central</b>	2,831	3,522	0	0	11	71	7	1	633	1,100	127
<b>South/East</b>	3,287	4,361	0	1	18	10	2	2	928	1,163	520
<b>West</b>	5,678	7,801	0	0	59	43	2	0	978	1,456	298
<b>American</b>	482	778	0	0	0	0	0	0	114	208	81
<b>Eastern Mediterranean</b>	11,105	13,638	2	13	53	56	4	0	1,477	1,863	413
<b>European</b>	521	664	0	0	12	1	0	0	223	278	39
<b>South East Asian</b>	10,905	15,630	0	0	0	0	3	0	2,019	3,223	832
<b>Western Pacific</b>	1,534	2,286	0	0	0	0	0	0	1,107	1,504	834
<b>Global</b>	<b>36,343</b>	<b>48,680</b>	<b>2</b>	<b>14</b>	<b>153</b>	<b>181</b>	<b>17</b>	<b>3</b>	<b>7,479</b>	<b>10,795</b>	<b>3,144</b>

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

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 2021 as of 20 Jul. 2021 and for 2022 as of 19 Jul. 2022