

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

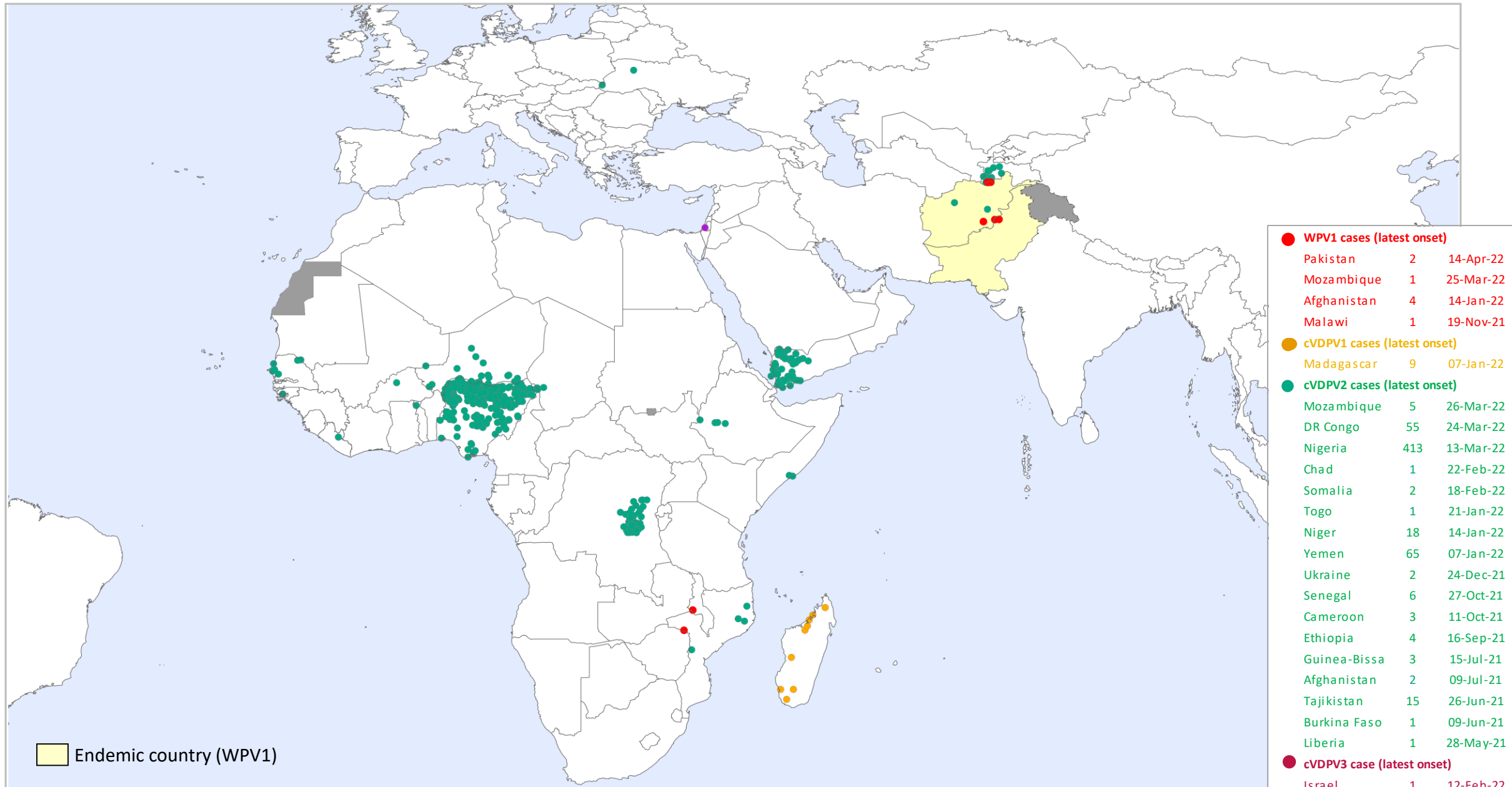
Country	WPV1			cVDPV1			cVDPV2			cVDPV3			Location State/Province/Governorate
	AFP	ENV	other <sup>1</sup>	AFP	ENV	other <sup>1</sup>	AFP	ENV	other <sup>1</sup>	AFP	ENV	other <sup>1</sup>	
CHAD							1						HADJER LAMIS
MOZAMBIQUE	1						3						TETE, NAMPULA, MANICA
NIGER							1	2					MARADI, NIAMEY
NIGERIA							3	5	1				BAUCHI, KWARA, LAGOS, SOKOTO, ZAMFARA
TOGO							1						SAVANES

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

The boundaries and names shown and the designations used in the maps in this document 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. © WHO 2022. All rights reserved

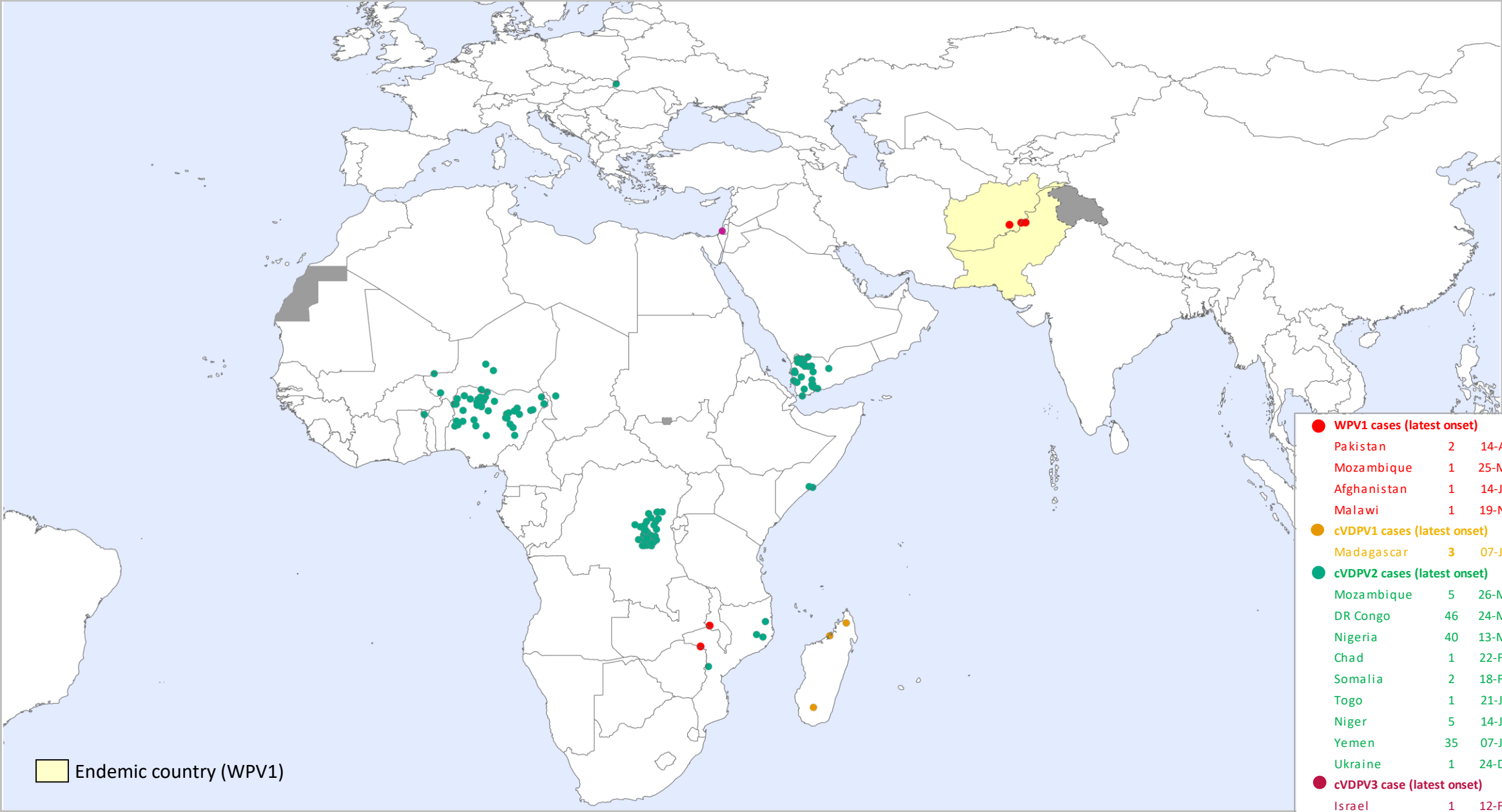
Data in WHO HQ as of 17 May 2022

# 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 18 May 2021 to 17 May 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 18 Nov. 2021 to 17 May 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-17 May <sup>1</sup>		Date of most recent case	Full year total						1 Jan-17 May <sup>1</sup>	Date of most recent virus
	2016	2017	2018	2019	2020	2021	2021	2022		2016	2017	2018	2019	2020	2021	2022	
Pakistan	20	8	12	147	84	1	1	2	14-Apr-22	62	110	141	405	455	65	1	05-Apr-22
Afghanistan	13	14	21	29	56	4	1	1	14-Jan-22	2	42	83	60	49	1	0	23-Feb-21
Malawi	0	0	0	0	0	0	0	1	25-Mar-22								
Mozambique	0	0	0	0	0	1	0	0	19-Nov-21								
Nigeria <sup>3</sup>	4	0	0	0	0	0	0	0	21-Aug-16	1 <sup>4</sup>							27-Sep-16
Iran	0	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>6</b>	<b>2</b>	<b>4</b>		<b>65</b>	<b>152</b>	<b>224</b>	<b>468</b>	<b>504</b>	<b>66</b>	<b>1</b>	
Tot. in endemic countries	37	22	33	176	140	5	2	3									
Tot. in non-end countries	0	0	0	0	0	1	0	1									
No. of countries (infected)	3	2	2	2	2	3	2	3									
No. of countries (endemic)	2 <sup>3</sup>	2 <sup>3</sup>	3	3	3	2	2	2									
Total Female	13	7	18	72	59	2	0	3									
Total Male	24	15	15	104	81	4	2	1									

Countries in yellow are endemic. <sup>1</sup>Data reported to WHO HQ on 18 May 2021 for 2021 data and 17 May 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>

	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		
cVDPV <sup>1</sup>	Madagascar					2	13	1	07-Jan-22							25	4	17-Jan-22							31	2	05-Jan-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>1</b>		<b>5</b>	<b>0</b>	<b>7</b>	<b>10</b>	<b>0</b>	<b>25</b>	<b>4</b>		<b>0</b>	<b>0</b>	<b>7</b>	<b>26</b>	<b>9</b>	<b>31</b>	<b>2</b>				
cVDPV <sup>2</sup>	Mozambique			1			2	4	26-Mar-22			2					17-Dec-18										
	DR Congo		22	20	88	81	28	37	24-Mar-22		19	15	29	95	6	3	28-Jan-22					1	3		24-Dec-21		
	Nigeria	1		34	18	8	415	24	13-Mar-22	2 <sup>2</sup>		53	18	8	204	15	17-Mar-22			44	64	5	302	35	05-Mar-22		
	Djibouti																						5	5		27-Feb-22	
	Egypt																						1	12	2	23-Feb-22	
	Somalia			6 <sup>5</sup>	3	14	1	2	18-Feb-22				2	13		1	22-Feb-22		2	19	5	26	1			23-May-21	
	Chad				11	101		1	22-Feb-22				6	17			15-Oct-20					10	3	1		10-Nov-21	
	Côte d'Ivoire				64			1	18-Oct-20				24				01-Nov-20					7	95		2	09-Feb-22	
	Niger			10	1	10	17	1	14-Jan-22			4	6	2	1		13-Aug-21								2	01-Feb-22	
	Togo				8	9		1	21-Jan-22				1	9			09-Jul-20										
	Yemen							61	5	07-Jan-22						12	3	08-Jan-22						6		17-Oct-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	
	Central African Republic				21	4			29-Oct-20				43	1			05-Oct-20					9	2	1		03-Nov-21	
	Uganda																							2			02-Nov-21
	Cameroon					7	3		11-Oct-21				4	3			29-Oct-21					4	9	1		25-Oct-21	
	Ethiopia				14	36	10		16-Sep-21				9	7			13-Oct-20					3	4			28-Dec-20	
	Benin				8	3	3		08-May-21							2		08-Sep-21					5	1			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
	Afghanistan					308	43		09-Jul-21					36	2		03-May-21						175	40			23-Jun-21
	Tajikistan					1	32		26-Jun-21						22		24-May-21							17			22-Mar-21
	Burkina Faso				1	65	2		09-Jun-21					12			19-Sep-20										
	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
	Gambia																							9			28-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	
Ghana				18	12			09-Mar-20				16	10			22-Feb-20							17	20		17-Sep-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>1079</b>	<b>672</b>	<b>75</b>		<b>3</b>	<b>85</b>	<b>74</b>	<b>177</b>	<b>285</b>	<b>329</b>	<b>22</b>		<b>5</b>	<b>2</b>	<b>65</b>	<b>198</b>	<b>537</b>	<b>487</b>	<b>46</b>				
cVDPV <sup>3</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	395	33																			
	Male (all sero type)	2	42	70	215	610	290	35																			
	Gender Unknown				13	10	3																				

<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

Environmental surveillance for poliovirus in selected sewage sites established and working

Changes from previous week

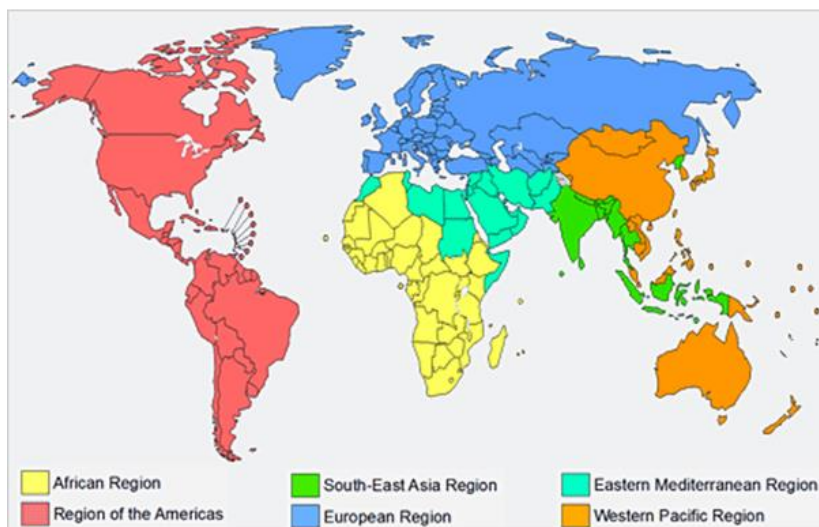
★ Due to backlog reporting or reconciliation of viruses from member states, numbers in this table may increase without being notified as new case/specimen in the current week

# Global Surveillance Indicators: Year to Date Comparison 2021 & 2022: 01 January to 17 May 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>	6,487	9,398	0	1	29	69	1	1	1,862	2,255	310
<b>Central</b>	1,488	2,100	0	0	2	38	1	0	364	396	48
<b>South/East</b>	2,041	2,435	0	1	6	5	0	1	800	823	158
<b>West</b>	2,958	4,863	0	0	21	26	0	0	698	1,036	104
<b>American</b>	211	392	0	0	0	0	0	0	60	110	24
<b>Eastern Mediterranean</b>	6,985	8,382	2	3	47	7	2	0	1,125	1,729	264
<b>European</b>	326	425	0	0	4	1	4	0	198	260	41
<b>South East Asian</b>	7,578	9,505	0	0	0	0	0	0	1,916	2,070	433
<b>Western Pacific</b>	1,335	477	0	0	0	0	0	0	1,099	320	145
<b>Global</b>	<b>22,922</b>	<b>28,579</b>	<b>2</b>	<b>4</b>	<b>80</b>	<b>77</b>	<b>7</b>	<b>1</b>	<b>6,260</b>	<b>6,744</b>	<b>1,217</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 18 May 2021 and for 2022 as of 17 May 2022