

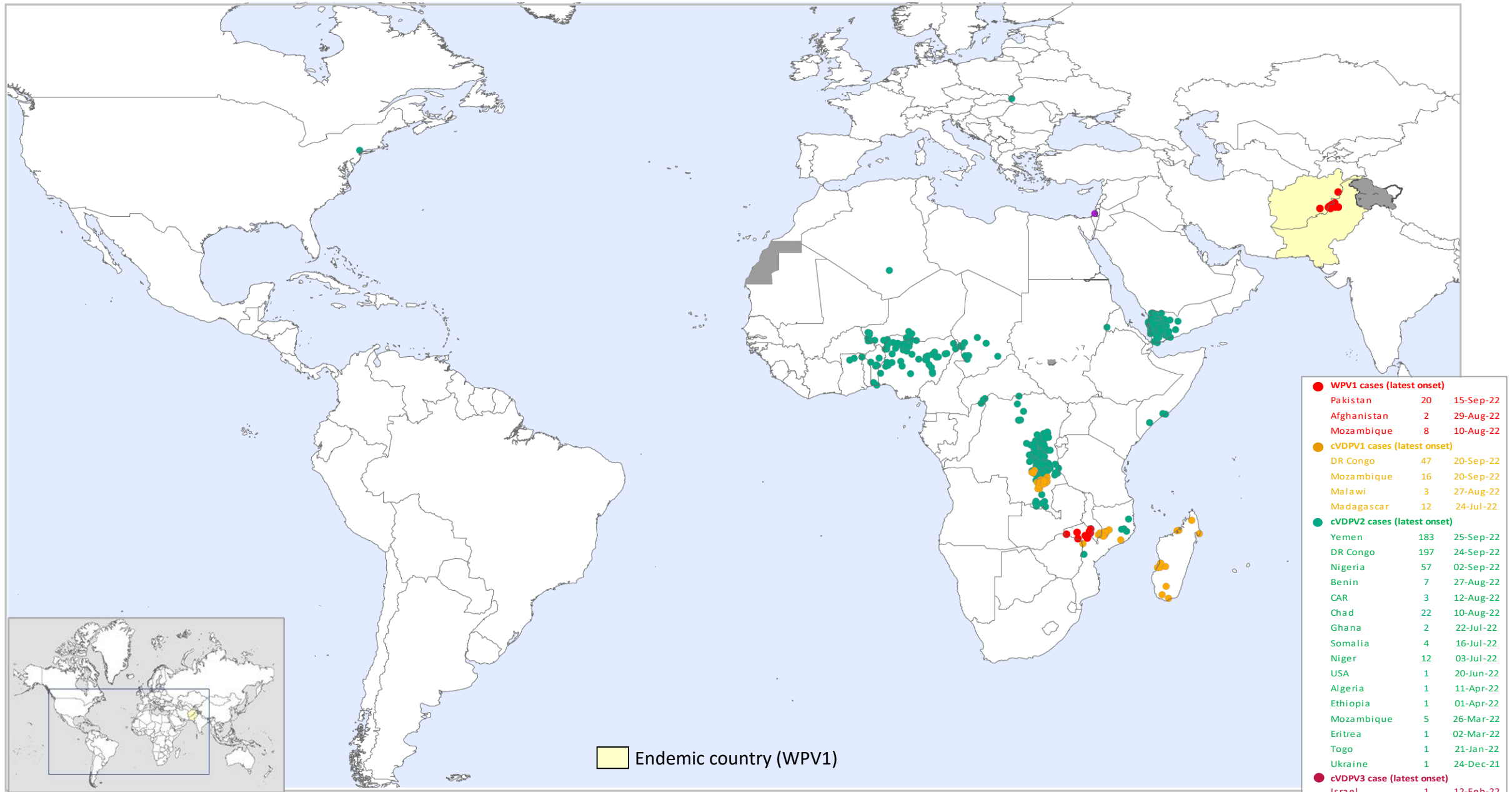
Highlights of New Wild Poliovirus and cVDPV Positives Reported Globally this Week

Country	WPV1			cVDPV1			cVDPV2			cVDPV3			Location State/Province/Governorate
	AFP	ENV	other ¹	AFP	ENV	other ¹	AFP	ENV	other ¹	AFP	ENV	other ¹	
AFGHANISTAN		3											NANGARHAR
ALGERIA								4					TAMANGHASSET
CHAD							4						MAYO KEBBI EST, LOGONE ORIENTAL, WADI FIRA, TANDJILE
DR CONGO							3						TANGANYIKA, TSHOPO, NORD KIVU
ETHIOPIA							2						SNNP, AHMARA
NIGERIA							4	2	3				SOKOTO, ZAMFARA, KWARA, KADUNA

¹contacts of positive AFP cases, community, healthy children

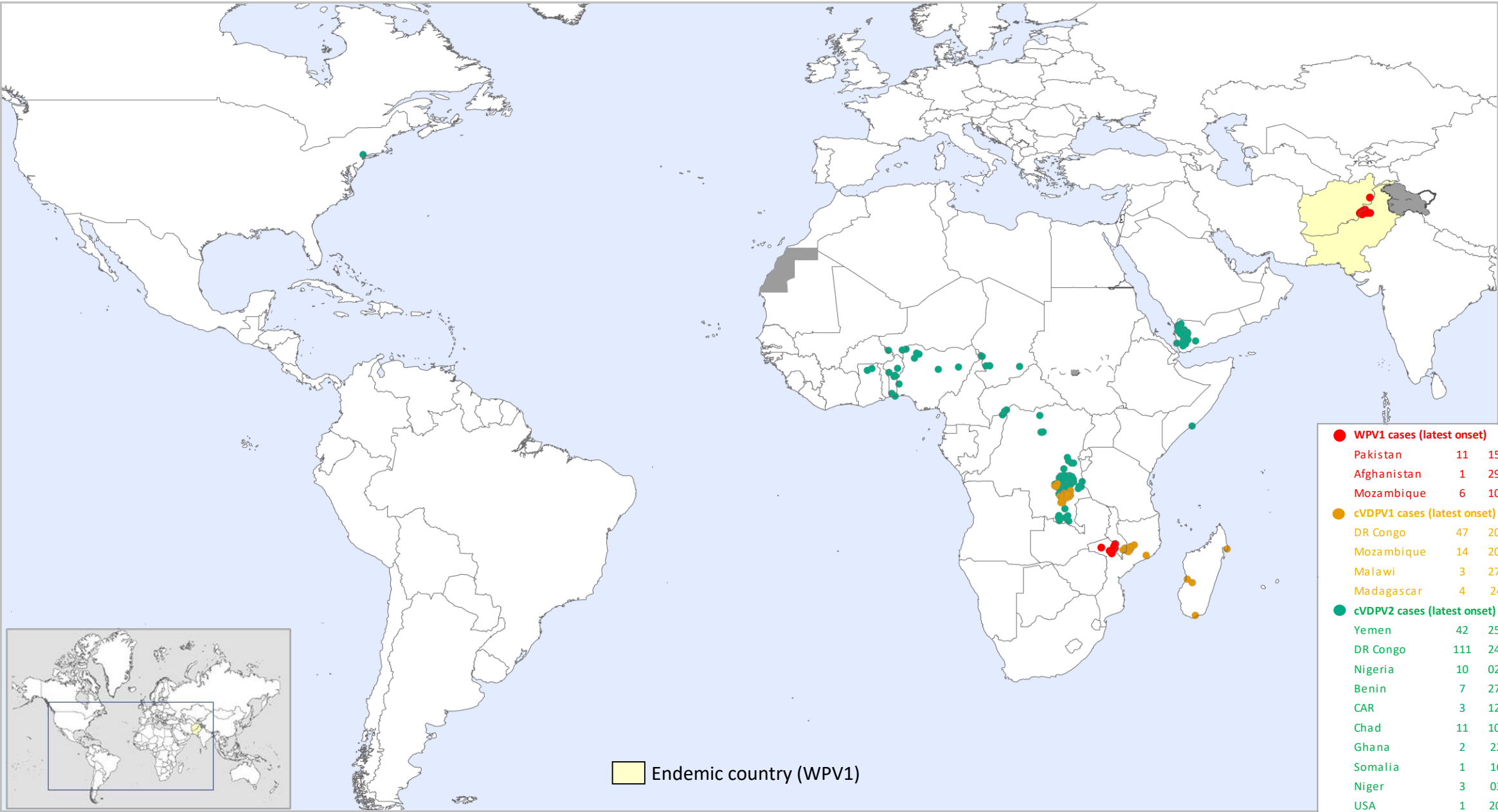
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Global WPV1 & cVDPV Cases¹, Previous 12 Months²



¹Excludes viruses detected from environmental surveillance; ²Onset of paralysis 23 Nov. 2021 to 22 Nov. 2022

Global WPV1 & cVDPV Cases¹, Previous 6 Months²



¹Excludes viruses detected from environmental surveillance; ²Onset of paralysis 23 May. 2022 to 22 Nov. 2022

Global Wild Poliovirus 2016 - 2022

Country or territory ³	Wild virus type 1 confirmed cases									Wild virus type 1 reported from other sources ²							
	Full year total ³						01 Jan-22 Nov ¹		Date of most recent case	Full year total						1 Jan-22 Nov ¹	Date of most recent virus
	2016	2017	2018	2019	2020	2021	2021	2022		2016	2017	2018	2019	2020	2021	2022	
Afghanistan	13	14	21	29	56	4	1	2	29-Aug-22	2	42	83	60	49	1	11	02-Nov-22
Pakistan	20	8	12	147	84	1	1	20	15-Sep-22	62	110	141	405	455	65	36	03-Oct-22
Mozambique	0	0	0	0	0	0	0	8	10-Aug-22								
Malawi	0	0	0	0	0	1	0	0	19-Nov-21								
Iran	0	0	0	0	0	0	0	0	NA				3				20-May-19
Nigeria ³	4	0	0	0	0	0	0	0	21-Aug-16	1 ⁴							27-Sep-16
Total (Type1)	37	22	33	176	140	6	2	30		65	152	224	468	504	66	47	
Tot. in endemic countries	37	22	33	176	140	5	2	22									
Tot. in non-end countries	0	0	0	0	0	1	0	8									
No. of countries (infected)	3	2	2	2	2	3	2	3									
No. of countries (endemic)	2 ³	2 ³	3	3	3	2	2	2									
Total Female	13	7	18	72	59	2	0	9									
Total Male	24	15	15	104	81	4	2	21									

Countries in yellow are endemic. ¹Data reported to WHO HQ on 23 Nov. 2021 for 2021 data and 22 Nov. for 2022 data.

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

	Country	AFP cases (Paralysis onset between 2020-2022)				Other sources (Human) ⁴ (Collection between 2020-2022)				Other sources (Environment) (Collection between 2020-2022)				
		2020	2021	2022	Onset of most recent case	2020	2021	2022	most recent collection date	2020	2021	2022	most recent collection date	
cVDPV1 ¹	DR Congo			47	20-Sep-22			4	24-Sep-22					
	Mozambique	1		16	20-Sep-22									
	Malawi			3	27-Aug-22			1	19-Sep-22					
	Madagascar	2	13	10	24-Jul-22		25	6	28-Apr-22		31	64	20-Jun-22	
	Yemen	31	3		27-Mar-21				07-Jul-19					
	Malaysia	1			14-Jan-20					9			13-Mar-20	
	Total type 1	35	16	76		0	25	11		9	31	64		
cVDPV2 ¹	Niger	10	18	11	03-Jul-22	2	1	3	19-May-22	9		10	17-Oct-22	
	Algeria			1	11-Apr-22			2	19-Jul-22			14	17-Oct-22	
	Zambia											1	04-Oct-22	
	Botswana											1	04-Oct-22	
	Yemen		66	154	25-Sep-22		17	30	23-Jul-22		13	3	31-Jan-22	
	DR Congo	81	28	191	24-Sep-22	95	6	24	15-Sep-22	1	3	4	27-Aug-22	
	Central African Republic	4		3	12-Aug-22	1			05-Oct-20	2	1	6	21-Sep-22	
	Nigeria	8	415	42	02-Sep-22	8	204	28	18-Aug-22	5	303	67	13-Sep-22	
	Ghana	12		2	22-Jul-22	10		4	01-Jun-22	20		18	06-Sep-22	
	Togo	9		1	21-Jan-22	9			09-Jul-20			2	06-Sep-22	
	Egypt									1	12	6	29-Aug-22	
	Benin	3	3	7	27-Aug-22		2	1	01-Jun-22	5	1	5	17-Aug-22	
	Chad	101		22	10-Aug-22	17		2	03-Mar-22	3	1		10-Nov-21	
	Somalia	14	1	4	16-Jul-22	13		2	21-Jul-22	26	1	3	19-May-22	
	Côte d'Ivoire	64			18-Oct-20	25			01-Nov-20	95		3	18-Jul-22	
	United States of America			1	20-Jun-22									
	Israel												1	16-Jun-22
	United Kingdom												3	31-May-22
	Djibouti										7	12		22-May-22
	Ethiopia	37	10	1	01-Apr-22	7			13-Oct-20	4				28-Dec-20
	Mozambique		2	4	26-Mar-22				17-Dec-18					
	Eritrea		1	1	02-Mar-22									
	Senegal		17		27-Oct-21		34		17-Nov-21	1	14	1		17-Jan-22
	Burkina Faso	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
	Uganda										2			02-Nov-21
	Cameroon	7	3		11-Oct-21	4	3		29-Oct-21	9	1			25-Oct-21
	Gambia										9			09-Sep-21
	Pakistan	135	8		23-Apr-21	2			11-Nov-20	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			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	3			09-Feb-20				31-Oct-19					02-Dec-19
Philippines	1			15-Jan-20				23-Nov-19	4				16-Jan-20	
Philippines	1			15-Jan-20				23-Nov-19	4				16-Jan-20	
Malaysia									5				04-Feb-20	
	Total type 2	1083	682	445		286	334	96		541	498	160		
cVDPV3 ¹	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	
	Total type 3	0	0	1		1	0	3		1	13	34		
Gender	Female (all sero type)	493	395	226										
	Male (all sero type)	610	290	295										
	Gender Unknown	10	3	1										

¹For cVDPV definition see http://polioeradication.org/wp-content/uploads/2016/09/Reporting-and-Classification-of-VDPVs_Aug2016_EN.pdf. ²Figures include multiple emergences. ³ stool collected in Sep - 2016 but the final result was reported in 2017. ⁴ Include contact, healthy and community samples. ⁵ 1 cVDPV2 and cVDPV3 isolated from one child in Somalia. ⁶No clear evidence of in-country community transmission; investigations underway

Global Surveillance Indicators: Year to Date Comparison

2021 & 2022: 01 January to 22 Nov. 2022*

WHO region	AFP cases		Wild poliovirus cases		cVDPV ¹ cases		Polio compatibles		Pending final classification		
									Total		> 90 days
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2022
African	22,530	27,321	0	8	375	362	46	41	2,247	2,858	854
Central	5,097	6,063	0	0	15	263	15	13	456	591	98
South/East	6,149	7,356	0	8	28	35	20	16	810	980	448
West	11,284	13,902	0	0	332	64	11	12	981	1,287	308
American	1,031	1,490	0	0	0	1	0	1	162	275	156
Eastern Mediterranean	18,563	25,762	2	22	58	158	4	1	1,852	2,062	417
European	917	1,204	0	0	33	1	2	0	311	351	132
South East Asian	23,157	29,088	0	0	0	0	4	1	3,455	3,685	1,790
Western Pacific	4,594	4,056	0	0	0	0	0	0	2,330	2,310	2,002
Global	70,792	88,921	2	30	466	522	56	44	10,357	11,541	5,351

¹cVDPV 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 23 Nov. 2021 and for 2022 as of 22 Nov. 2022