

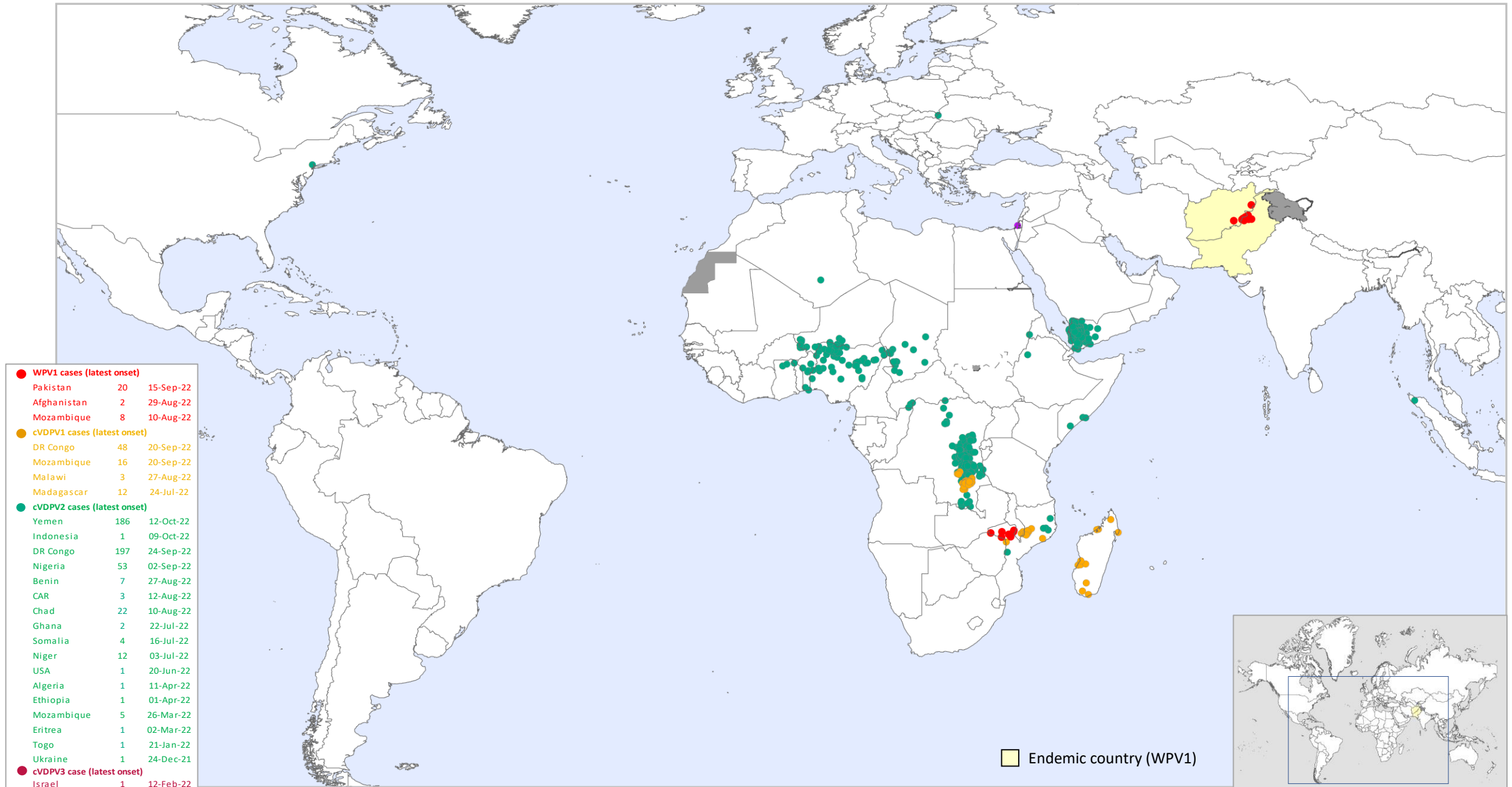
Highlights of New Wild Poliovirus and cVDPV Positives Reported Globally this Week

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		2											NANGARHAR
INDONESIA							1		3				ACEH
DR CONGO				1									HAUT LOMAMI
NIGERIA								5					SOKOTO, ZAMFARA
YEMEN							4						IBB, HAJJAH, DHAMAR

¹contacts of positive AFP cases, community, healthy children

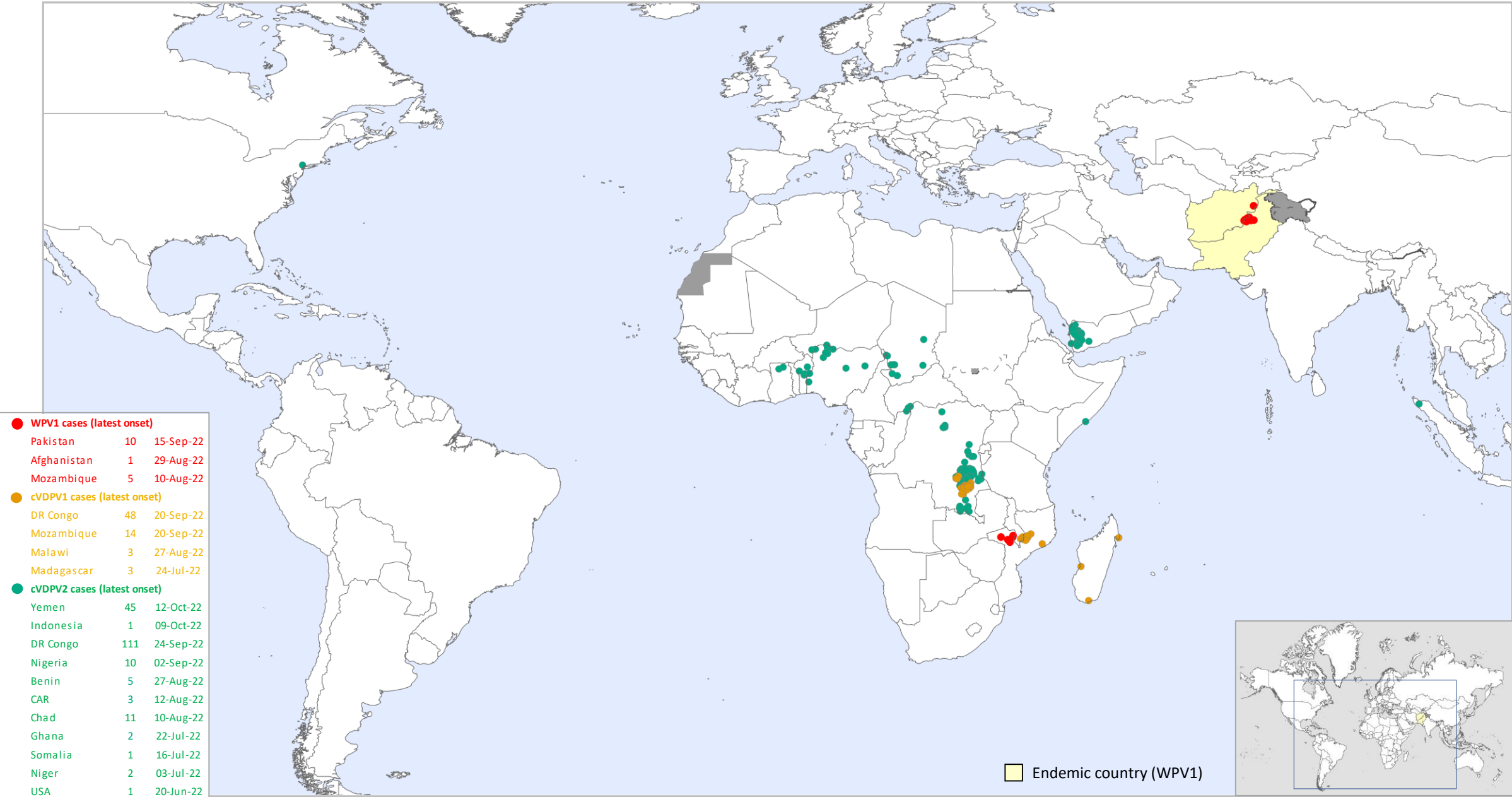
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Global WPV1 & cVDPV Cases¹, Previous 12 Months²



¹Excludes viruses detected from environmental surveillance; ²Onset of paralysis 30 Nov. 2021 to 29 Nov. 2022

Global WPV1 & cVDPV Cases¹, Previous 6 Months²



¹Excludes viruses detected from environmental surveillance; ²Onset of paralysis 30 May, 2022 to 29 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-29 Nov ¹		Date of most recent case	Full year total						1 Jan-29 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	13	02-Nov-22
Pakistan	20	8	12	147	84	1	3	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
Nigeria³	4	0	0	0	0	0	0	0	21-Aug-16	1 ⁴							27-Sep-16
Total (Type1)	37	22	33	176	140	6	4	30		65	152	224	468	504	66	49	
Tot. in endemic countries	37	22	33	176	140	5	4	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	1	9									
Total Male	24	15	15	104	81	4	3	21									

Countries in yellow are endemic. ¹Data reported to WHO HQ on 30 Nov. 2021 for 2021 data and 29 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
cVDPV ¹	DR Congo			48	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	77		0	25	11		9	31	64	
	cVDPV ²	Indonesia			1	09-Oct-22			3	11-Nov-22			
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
Yemen			66	158	12-Oct-22		17	30	23-Jul-22		13	3	31-Jan-22
Zambia												1	04-Oct-22
Botswana												1	04-Oct-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	72	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	450		286	334	99		541	498	165		
cVDPV ³	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	228									
	Male (all sero type)	610	290	299									
	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

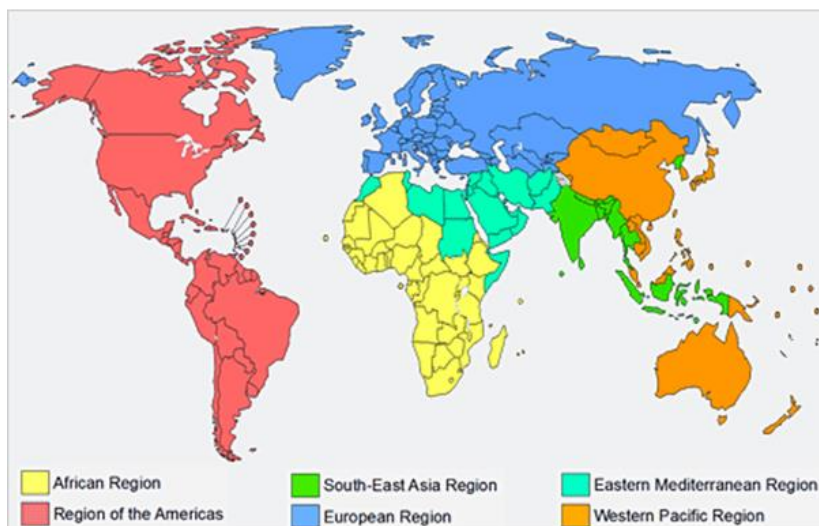
Global Surveillance Indicators: Year to Date Comparison

2021 & 2022: 01 January to 29 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	24,343	28,169	0	8	375	363	47	42	2,504	2,695	858
Central	5,256	6,153	0	0	15	264	15	13	498	577	126
South/East	7,270	7,526	0	8	28	35	21	17	1,043	925	410
West	11,817	14,490	0	0	332	64	11	12	963	1,193	322
American	1,055	1,523	0	0	0	1	0	1	168	272	149
Eastern Mediterranean	19,534	26,499	4	22	58	162	4	1	1,666	2,151	426
European	944	1,228	0	0	33	1	2	0	320	358	141
South East Asian	23,678	29,907	0	0	0	1	4	1	3,443	3,783	1,822
Western Pacific	4,625	4,082	0	0	0	0	0	0	2,332	2,355	2,124
Global	74,179	91,408	4	30	466	528	57	45	10,433	11,614	5,520

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 30 Nov. 2021 and for 2022 as of 29 Nov. 2022