

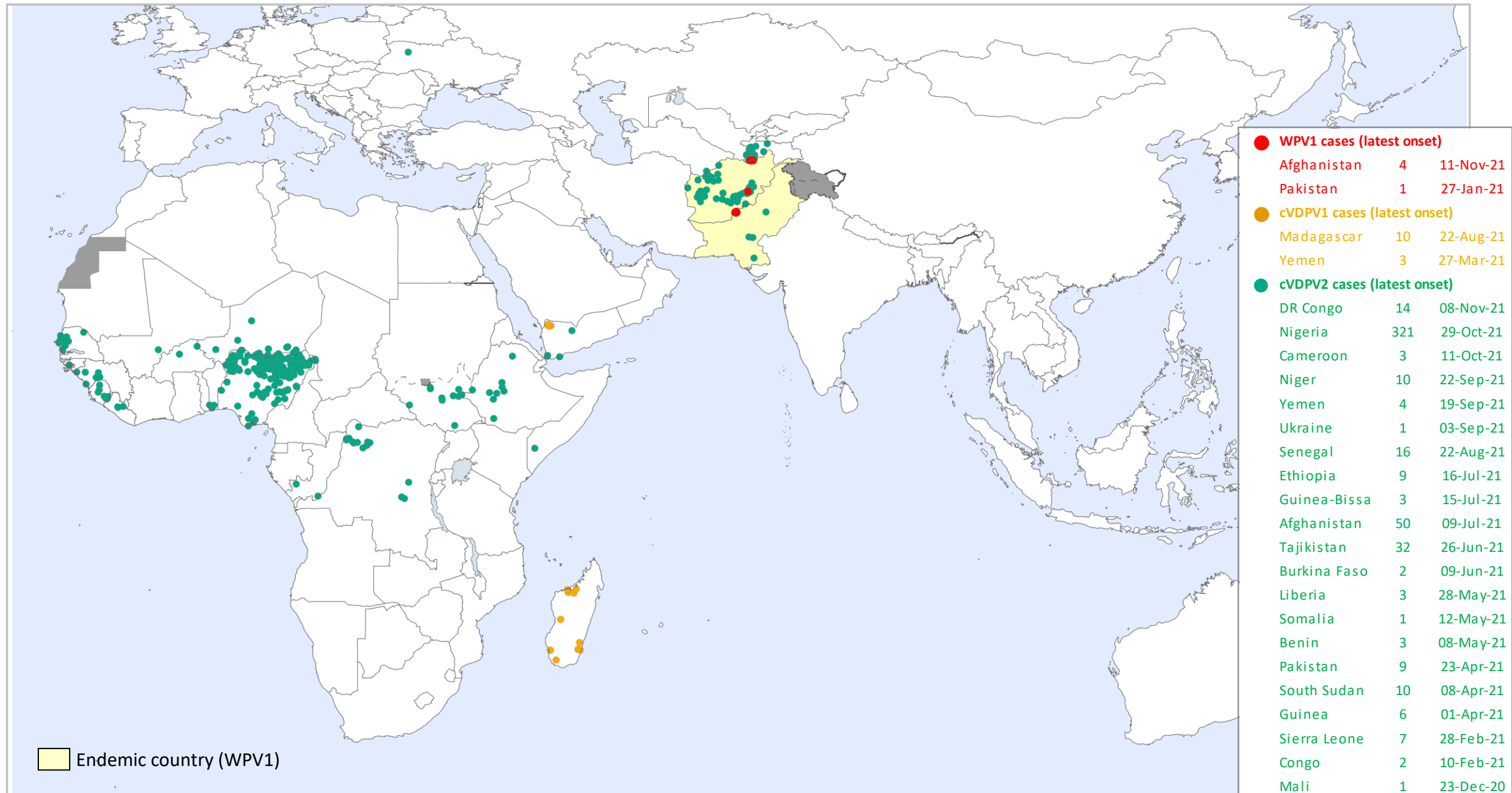
Highlights of New Wild Poliovirus and cVDPV Positives Reported Globally this Week

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	
DR CONGO							2	1					MANIEMA
EGYPT								1					GIZA
MAURITANIA								1					NOUAKCHOTT OUEST
NIGER							5						DIFFA, TAHOUA, TILLABERI, ZINDER
NIGERIA							14	21	12				ADAMAWA, BAUCHI, BORNO, GOMBE, JIGAWA, KANO, KATSINA, TARABA
SENEGAL								1					DAKAR
YEMEN							2						ADEN, TAIZ

¹contacts of positive AFP cases, community, healthy children

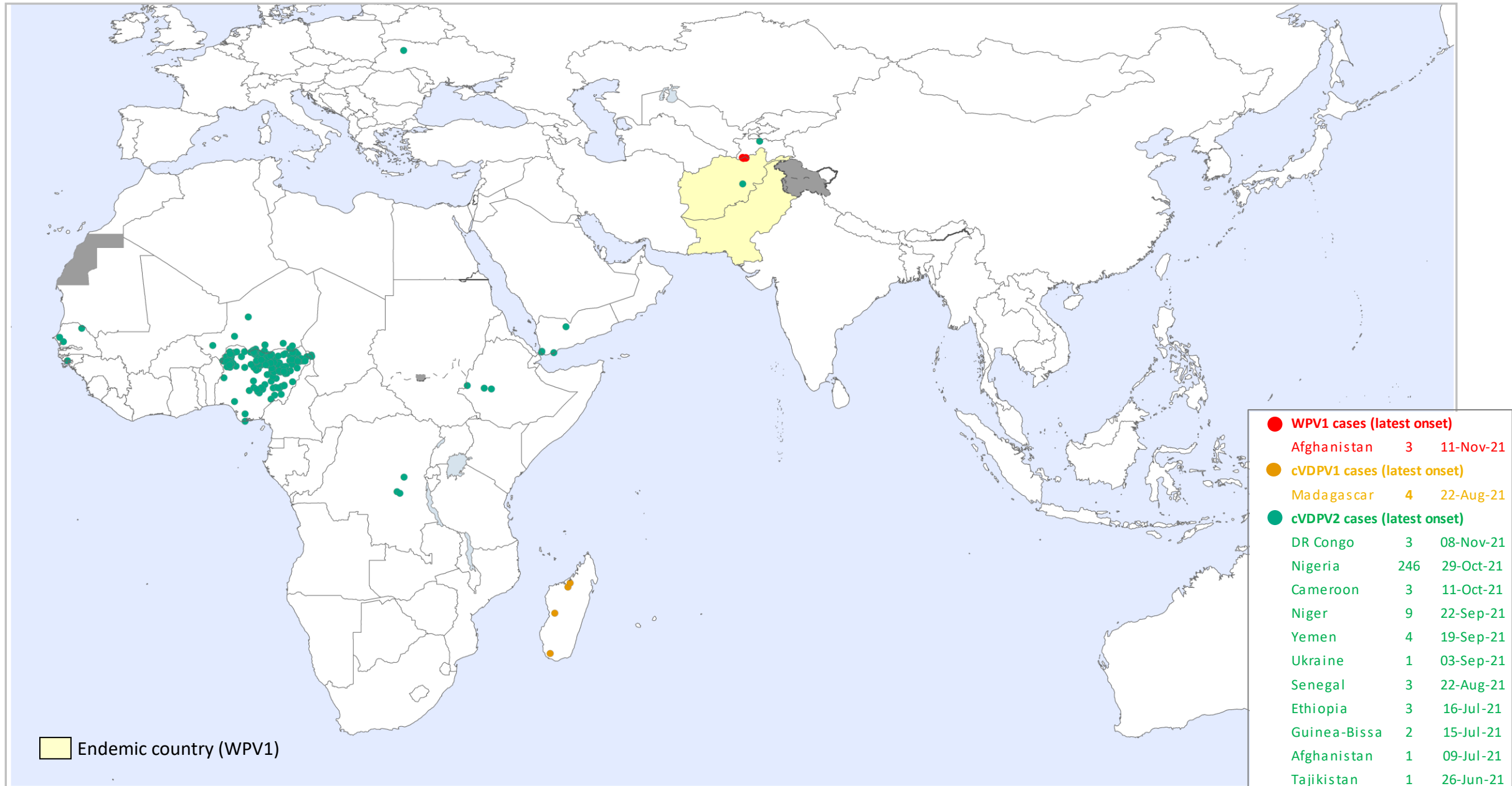
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Global WPV1 & cVDPV Cases¹, Previous 12 Months²



¹Excludes viruses detected from environmental surveillance; ²Onset of paralysis 22 Dec. 2020 to 21 Dec. 2021

Global WPV1 & cVDPV Cases¹, Previous 6 Months²



¹Excludes viruses detected from environmental surveillance; ²Onset of paralysis 22 Jun. 2021 to 21 Dec. 2021

Global Wild Poliovirus 2016 - 2021

Country or territory ³	Wild virus type 1 confirmed cases								Wild virus type 1 reported from other sources ²							
	Full year total					01 Jan-21 Dec ¹		Date of most recent case	Full year total					01 Jan-21 Dec ¹		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	426	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 ³	4	0	0	0	0	0	0	21-Aug-16	1 ⁴							27-Sep-16
Iran	0	0	0	0	0	0	0	NA				3				20-May-19
Total (Type1)	37	22	33	176	140	138	5		65	152	224	468	503	474	64	
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 ³	2 ³	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. ¹Data reported to WHO HQ on 22 Dec. 2020 for 2020 data and 21 Dec. 2021 for 2021 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 2016-2021)						Other sources (Human) ⁴ (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	
cVDPV ¹	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							20-Sep-18				7			06-Nov-18	
	Laos	3						11-Jan-16	5		7				09-Feb-16								
Total type 1	3	0	27	12	34	13		5	0	7	10	0	17		0	0	7	26	9	24			
cVDPV ²	Egypt													33	06-Oct-21					1	11	18-Nov-21	
	Senegal						16	15-Aug-21												1	14	09-Nov-21	
	Nigeria	1		34	18	8	321	29-Oct-21	2 ²		53	18	8	135	08-Nov-21	1		44	64	5	209	29-Oct-21	
	DR Congo		22	20	88	81	13	08-Nov-21		19	15	29	95	5	19-Aug-21					1	1	15-Oct-21	
	Central African Republic				21	4		29-Oct-20				43	1		05-Oct-20				9	2	1	03-Nov-21	
	Mauritania													4	19-Jul-21						6	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	
	Ukraine						1	03-Sep-21						18	09-Oct-21								
	Niger			10	1	10	10	22-Sep-21			4	6	2	1	13-Aug-21					9			08-Dec-20
	Yemen						4	19-Sep-21															
	Gambia																				9		09-Sep-21
	Benin				8	3	3	08-May-21						2	08-Sep-21					5	1	22-Mar-21	
	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					44	6	01-Apr-21					1		05-Sep-20					1	2	03-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	
	Afghanistan					308	43	09-Jul-21					36	2	03-May-21					175	40	23-Jun-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	2	01-Jun-21	
	Liberia						3	28-May-21					2	5	21-Jan-21					7	14	20-Apr-21	
	Somalia			6 ⁵	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					64		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 ³	66					12-Sep-17									
Total type 2	2	96	71	366	1079	494		3	85	74	177	285	246		5	2	65	198	536	377			
cVDPV ³	China												1	22-Jul-20						1	25-Jan-21		
	Somalia			7 ⁵				07-Sep-18			2				29-Jun-18			11				23-Aug-18	
	Total type 3	0	0	7	0	0	0		0	0	2	0	1	0		0	0	11	0	0	1		
Gender	Female (all sero type)	3	54	34	151	493	218																
	Male (all sero type)	2	42	70	215	610	287																
	Gender Unknown				12	10	2																

Environmental surveillance for poliovirus in selected sewage sites established and working

Changes from previous week

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. ⁶No clear evidence of in-country community transmission; investigations underway

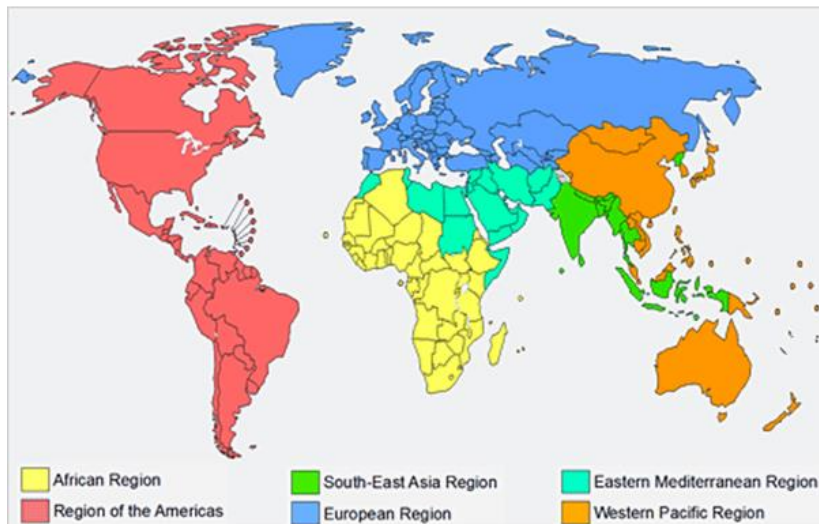
Global Surveillance Indicators: Year to Date Comparison

2020 & 2021: 01 January to 21 December 2021*

WHO region	AFP cases		Wild poliovirus cases		cVDPV ¹ cases		Polio compatibles		Pending final classification		
									Total		> 90 days
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2021
African	19,827	24,897	0	0	432	415	67	56	2,942	2,527	615
Central	4,911	5,724	0	0	182	18	32	20	456	658	151
South/East	4,918	6,643	0	0	49	28	22	20	1,250	913	240
West	9,998	12,530	0	0	201	369	13	16	1,236	956	224
American	1,106	1,141	0	0	0	0	0	0	179	182	123
Eastern Mediterranean	18,622	20,950	138	5	406	59	10	5	1,899	1,657	206
European	752	998	0	0	0	33	0	4	208	251	75
South East Asian	20,311	25,696	0	0	0	0	0	5	3,816	3,311	1,101
Western Pacific	4,839	4,895	0	0	2	0	2	0	1,774	2,235	1,455
Global	65,457	78,577	138	5	840	507	79	70	10,818	10,163	3,575

¹cVDPV 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 22 Dec. 2020 and for 2021 as of 21 Dec. 2021