

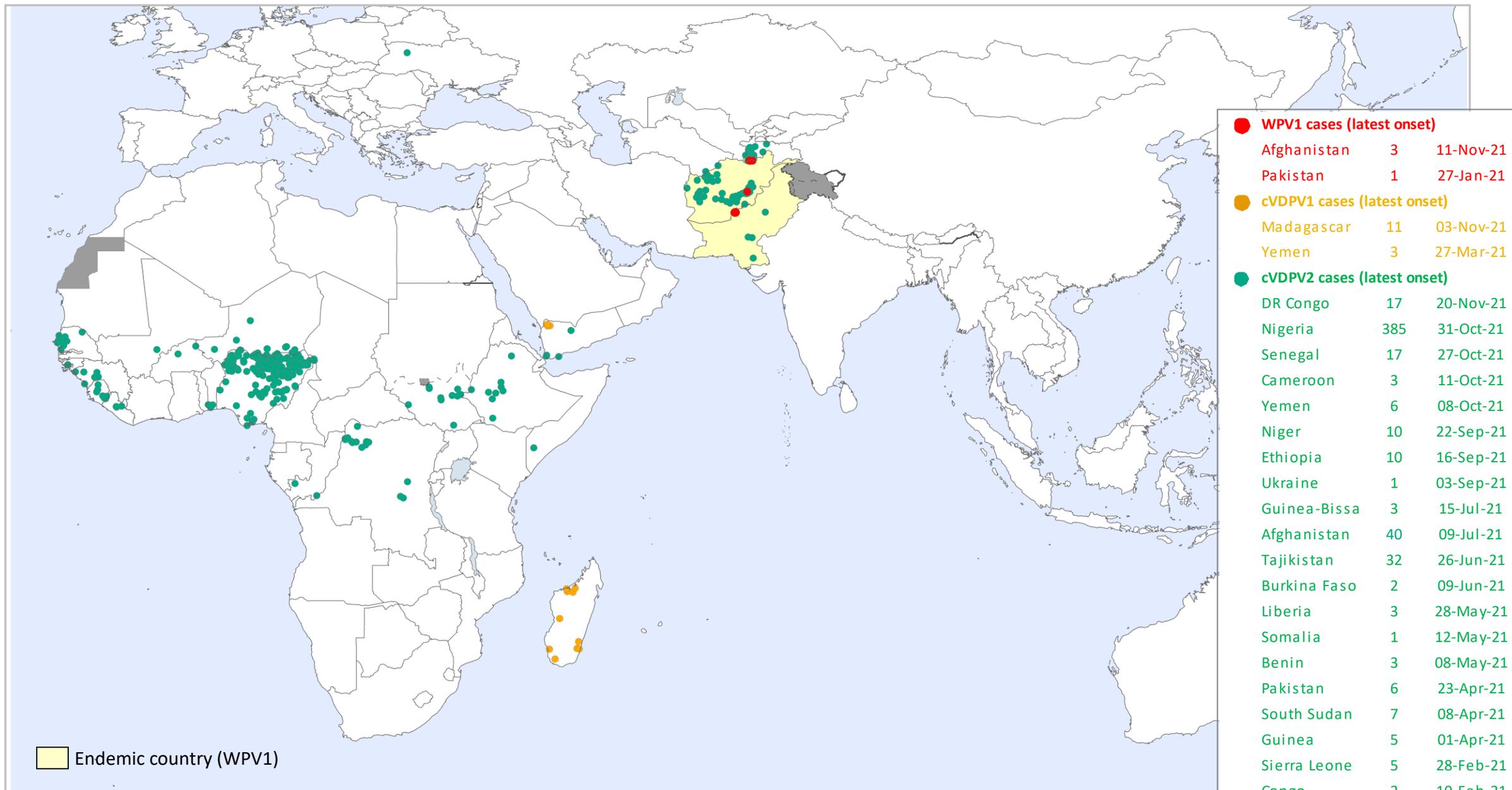
Highlights of New Wild Poliovirus and cVDPV Positives Reported Globally this Week

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	
MADAGASCAR					1	3							ANALAMANGA, BOENI, MENABE

¹contacts of positive AFP cases, community, healthy children

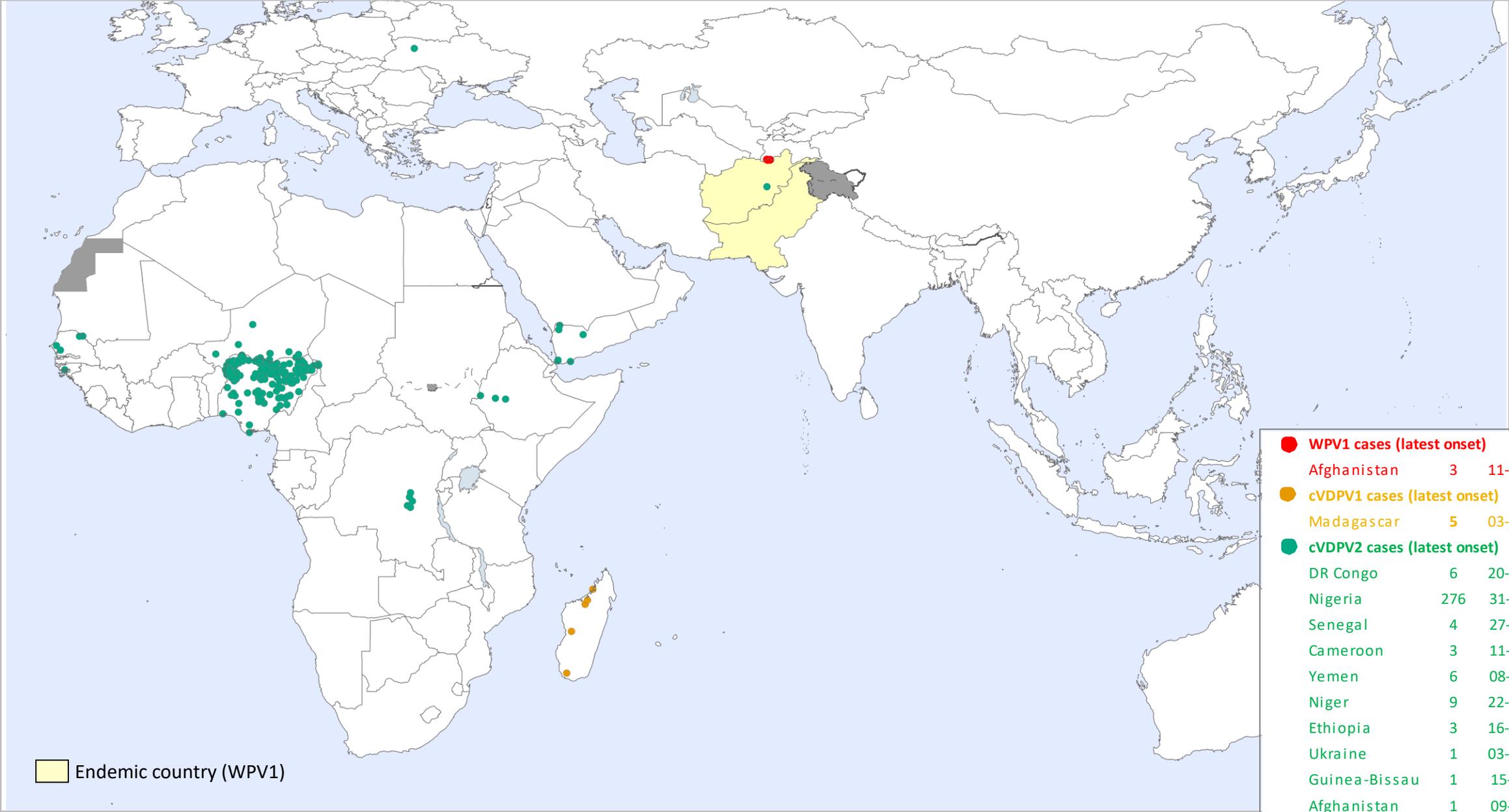
The boundaries and names shown and the designations used in the maps in this document do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement. © WHO 2021. All rights reserved

Global WPV1 & cVDPV Cases¹, Previous 12 Months²



¹Excludes viruses detected from environmental surveillance; ²Onset of paralysis 05 Jan. 2021 to 04 Jan. 2022

Global WPV1 & cVDPV Cases¹, Previous 6 Months²



¹Excludes viruses detected from environmental surveillance; ²Onset of paralysis 05 Jul. 2021 to 04 Jan. 2022

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-31 Dec ¹		Date of most recent case	Full year total					01 Jan-31 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	84	1	27-Jan-21	62	110	141	405	455	433	65	06-Dec-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	140	5		65	152	224	468	503	481	66	
Tot. in endemic countries	37	22	33	176	140	140	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	59	1									
Total Male	24	15	15	104	81	81	4									

Countries in yellow are endemic. ¹Data reported to WHO HQ on 05 Jan. 2021 for 2020 data and 04 Jan. 2022 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	11	03-Nov-21						22	14-Oct-21							27	26-Oct-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			7				20-Sep-18			7					06-Nov-18
	Laos	3						11-Jan-16	5						09-Feb-16								
Total type 1	3	0	27	12	34	14		5	0	7	10	0	22		0	0	7	26	9	27			
cVDPV ²	Egypt													34	17-Nov-21						1	11	18-Nov-21
	Senegal						17	27-Oct-21													1	14	09-Nov-21
	Nigeria	1		34	18	8	385	31-Oct-21	2 ²		53	18	8	177	08-Nov-21	1		44	64	5	217	17-Nov-21	
	DR Congo		22	20	88	81	17	20-Nov-21		19	15	29	95	6	22-Nov-21					1	2	23-Nov-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						6	08-Oct-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	10	16-Sep-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								
	Mali					52		23-Dec-20					3		15-Aug-20					7	93		23-Dec-20
	Sudan					59		18-Dec-20					11		01-Oct-20						4		29-Aug-20
	Chad				11	101		28-Nov-20				6	17		15-Oct-20						14		09-Nov-20
	Ghana				18	12		09-Mar-20					6	10	22-Feb-20					10	3		13-Mar-20
Togo				8	9		03-May-20					1	9	09-Jul-20						17	20	17-Sep-20	
Angola				138	3		09-Feb-20					22		31-Oct-19									
Malaysia																				17		02-Dec-19	
Philippines				12	1		15-Jan-20					6		23-Nov-19					3	5		04-Feb-20	
Zambia				2			25-Nov-19					2		25-Sep-19						19	4	16-Jan-20	
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	566		3	85	74	177	285	290		5	2	65	198	536	386			
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	245																
	Male (all sero type)	2	42	70	215	610	333																
	Gender Unknown				12	10	2																

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

Environmental surveillance for poliovirus in selected sewage sites established and working

Changes from previous week

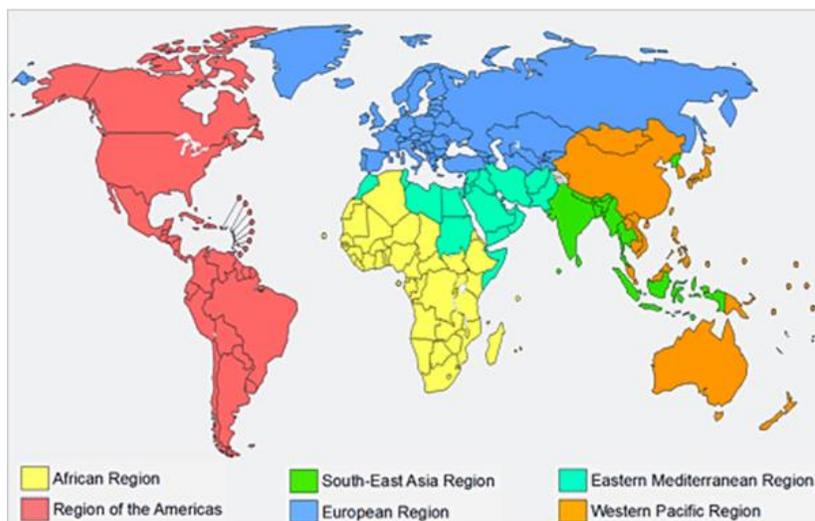
Global Surveillance Indicators: Year to Date Comparison

2020 & 2021: 01 January to 31 December 2021*

WHO region	AFP cases		Wild poliovirus cases		cVDPV cases		Polio compatibles		Pending final classification		
									Total		>90 days
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2021
African	21,183	25,846	0	0	463	486	78	57	2,615	2,514	736
Central	5,213	5,853	0	0	184	22	36	20	577	556	162
South/East	5,315	6,844	0	0	59	30	24	21	1,033	789	305
West	10,655	13,149	0	0	215	434	18	16	1,005	1,169	269
American	1,134	1,188	0	0	0	0	0	0	177	199	124
Eastern Mediterranean	19,850	21,883	140	5	443	61	13	5	1,651	1,803	255
European	867	1,024	0	0	0	33	0	4	213	241	74
South East Asian	22,020	26,126	0	0	0	0	0	5	4,153	3,131	1,410
Western Pacific	4,846	4,759	0	0	2	0	2	0	1,749	2,251	1,664
Global	69,900	80,826	140	5	908	580	93	71	10,558	9,792	3,273

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 2020 as of 05 Jan 2021 and for 2021 as of 04 Jan. 2022