

Global Circulating Vaccine-derived Poliovirus (cVDPV)^{1,2,3}

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

Data in WHO HQ as of 30 Nov. 2021

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	
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			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	13		5	0	7	10	0	17		0	0	7	26	9	24		
Central African Republic				21	4		29-Oct-20				43	1		05-Oct-20				9	2	1	03-Nov-21	
Uganda																				2	02-Nov-21	
Nigeria	1		34	18	8	289	04-Oct-21	2 ²		53	18	8	112	28-Oct-21	1		44	64	5	160	09-Oct-21	
Ukraine						1	03-Sep-21						18	09-Oct-21								
Senegal						16	15-Aug-21						33	06-Oct-21					1	11	07-Sep-21	
Cameroon					7	2	21-Sep-21					4	1	08-Sep-21				4	9		29-Sep-20	
Gambia																				9	09-Sep-21	
Benin				8	3	3	08-May-21						2	08-Sep-21					5	1	22-Mar-21	
Mauritania												4		19-Jul-21						5	01-Sep-21	
Yemen						2	01-Sep-21															
DR Congo		22	20	88	81	11	27-Jun-21		19	15	29	95	5	19-Aug-21					1		29-Apr-20	
Niger			10	1	10	5	19-Aug-21			4	6	2	1	13-Aug-21					9		08-Dec-20	
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-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	
Guinea					44	6	01-Apr-21						1	05-Sep-20						1	10-Jul-21	
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								
Egypt						5													1	10	08-Jun-21	
Sierra Leone					10	5	28-Feb-21					6	8	19-Mar-21						9	01-Jun-21	
Congo					2	2	10-Feb-21							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					63		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	1078	452		3	85	74	177	285	221		5	2	65	198	536	320		
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		
Female (all sero type)	3	54	34	151	492	199																
Male (all sero type)	2	42	70	215	610	265																
Gender Unknown				12	10	1																

Environmental surveillance for poliovirus in selected sewage sites established and working

Changes from previous week