

Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 17 December 2022

Table No.1
Expected and reported AFP cases, 2022

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2022/50
AND	BOL	3,530,417	35	32
	COL	11,121,585	111	144
	ECU	4,880,846	49	27
	PER	8,247,308	82	38
	VEN	7,603,501	76	107
BRA	BRA	43,505,408	435	446
CAP	CRI	1,053,428	11	10
	GTM	6,033,767	60	57
	HND	3,026,923	30	35
	NIC	1,946,204	19	24
	PAN	1,156,102	12	14
	SLV	1,704,629	17	35
CAR	CAR	1,798,300	18	1
LAC	CUB	1,766,424	18	10
	DOM	2,973,499	30	7
	HTI	3,707,407	37	14
MEX	MEX	33,108,878	331	583
NOA	CAN	6,016,679	60	2
	USA	60,604,372	606	NR
SOC	ARG	11,095,716	111	93
	CHL	3,626,085	36	39
	PRY	2,070,528	21	39
	URY	703,696	7	0
Total		221,281,702	2212	1757

Table No.2
AFP cases under investigation (All ages)

Country	Total 2021	Cumm. 2022	Week										
			1-42	43	44	45	46	47	48	49	50		
BOL	0	17	5	1	0	4	0	3	2	2	...		
COL	0	9	0	0	0	0	1	0	4	0	4		
ECU	0	11	10	1	0	0	0	0	0	0	...		
PER	1	23	21	0	1	0	0	1	0	0	...		
VEN	0	27	22	1	2	1	1	0	0	0	...		
BRA	0	135	120	6	3	1	1	2	1	1	0		
CRI	0	0	0	0	0	0	0	0	0	0	...		
GTM	10	21	17	1	1	0	2	0	0	0	...		
HND	0	6	1	0	1	1	0	0	0	2	1		
NIC	0	4	4	0	0	0	0	0	0	0	0		
PAN	0	11	11	0	0	0	0	0	0	0	...		
SLV	0	8	6	1	0	0	0	0	0	1	0		
CAR	0	1	1	0	0	0	0	0	0	0	...		
CUB	0	2	2	0	0	0	0	0	0	0	...		
DOM	1	7	7	0	0	0	0	0	0	0	0		
HTI	12	14	10	0	0	0	2	0	0	1	1		
MEX	0	8	0	0	1	1	1	1	3	1	...		
CAN	0	0	0	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
ARG	1	0	0	0	0	0	0	0	0	0	0		
CHL	0	0	0	0	0	0	0	0	0	0	...		
PRY	0	15	7	0	2	2	0	1	0	2	1		
URY	0	...	...	...	...	...	...	...	...	...	...
Total	25	319	244	11	11	10	8	8	10	10	7		

* 2022 UN population estimated Rev.2019 NR - No reporting ... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2022 and 2021

Sub Region	Country	Polio 2022		AFP Cases and indicators, last 52 weeks (2021/51 - 2022/50)					Polio 2021		AFP Cases and indicators, 2021 (2021/1 - 2021/52)				
		Confirmed	Compatible	Cases	Rate	% Inv. <48 hrs.	% Adeq. spec.*	% Sites reporting	Confirmed	Compatible	Cases	Rate	% Inv. <48 hrs.	% Adeq. spec.*	% Sites reporting
AND	BOL	0	0	33	0.93	97	79	...	0	0	18	0.51	100	89	...
	COL	0	0	157	1.40	78	89	92	0	0	133	1.19	72	87	97
	ECU	0	0	29	0.59	83	59	...	0	0	30	0.62	73	53	...
	PER	0	0	41	0.50	59	49	5	0	0	35	0.43	40	51	5
	VEN	0	1	110	1.44	99	87	...	0	6	103	1.35	99	77	...
BRA	BRA	0	0	457	1.04	98	60	87	0	0	285	0.65	99	58	91
CAP	CRI	0	0	10	0.95	90	90	100	0	0	10	0.95	70	80	100
	GTM	0	0	61	1.01	100	59	73	0	0	48	0.80	100	56	93
	HND	0	0	38	1.25	82	89	84	0	0	45	1.49	76	91	92
	NIC	0	0	26	1.33	88	88	...	0	0	13	0.67	92	92	...
	PAN	0	0	16	1.38	31	75	...	0	0	10	0.87	60	80	90
	SLV	0	0	36	2.10	67	100	15	0	0	38	2.22	58	95	5
CAR	CAR	0	0	1	0.06	...	...	60	0	0	3	0.17	...	67	59
LAC	CUB	0	0	12	0.67	17	100	100	0	0	19	1.07	95	84	85
	DOM	0	0	7	0.24	29	...	...	0	0	5	0.17	...	...	...
	HTI	0	0	15	0.40	87	47	96	0	0	10	0.27	80	60	94
MEX	MEX	0	0	595	1.79	99	87	18	0	0	517	1.56	99	81	21
NOA	CAN	0	0	2	0.03	...	...	...	0	0	8	0.13	...	...	...
SOC	USA*	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	ARG	0	0	98	0.88	14	54	75	0	0	114	1.03	6	43	37
	CHL	0	0	40	1.09	75	80	73	0	0	50	1.37	98	44	65
	PRY	0	0	40	1.93	98	95	97	0	0	26	1.26	96	81	93
	URY	0	0	...	...	...	...	...	0	0	...	...	...	...	...
Total	1	1	1824	1.14	88	76	...	...	0	6	1520	0.94	84	71	...

* Taken within 14 days of onset of paralysis NR - No reporting ... - No data CAR includes reports from all CARPHA member countries
 * A polio case caused by a cVDPV2 was confirmed in the USA in an unvaccinated 20-year-old male. The date of paralysis onset was June 20, 2022 and two samples were collected on 28 and 29 June 2022. The samples were received at CDC on 20 July 2022 and preliminary ITD results were reported on 21 July 2022. Final results were reported on 8 August 2022. The USA does not report disaggregated data; therefore, the tables of the bulletin do not include the information from this case.

Only data for AFP cases in children < 15 years shown on Table 1 and 3

Issues of the Polio Bulletin can be accessed at: <https://www.paho.org/en/polio-bulletin>

Table No.1
Virus isolation results and indicators, last 52 weeks
Epidemiological weeks 2021/51 - 2022/50

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test												
			Pending results			With results						% Positive specimens for NPEV	Timing of isolation results		
			Not yet in lab.	Received ≤14 Days	Received >14 Days	Only poliovirus	Poliovirus & NPEV	Only NPEV	Negative	Others	Inadequate		Total specimens with results	Total with reception & result dates	% Results ≤ 14 days
CAR	GTM	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HND	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HTI	8	3	0	0	0	0	0	5	0	0	0	5	4	50
	NIC	26	4	0	0	0	0	1	21	0	0	5	22	22	36
	PAN	14	6	0	0	2	0	1	5	0	0	38	8	8	100
CDC	BOL	17	1	0	0	0	0	2	14	0	0	13	16	16	0
	CRI	4	0	0	4	0	0	0	0	0	0	0	0	0	0
	GTM	58	13	0	5	0	0	0	40	0	0	0	40	40	0
	HND	34	0	0	0	0	0	2	32	0	0	6	34	34	94
	PRY	38	5	0	8	0	0	1	24	0	0	4	25	25	68
	SLV	37	0	0	6	0	0	0	31	0	0	0	31	31	0
FIO	BRA	278	28	0	19	3	0	5	223	0	0	3	231	231	68
	PER	14	1	0	1	0	0	0	12	0	0	0	12	12	92
IEC	BRA	48	4	0	1	1	0	0	42	0	0	2	43	41	51
INDRE	MEX	543	0	9	13	1	0	64	456	0	0	12	521	516	99
INH	VEN	97	12	0	0	1	0	4	80	0	0	6	85	85	12
INS	COL	149	1	5	2	0	0	6	135	0	0	4	141	141	97
INS	ECU	28	4	0	0	0	0	0	24	0	0	0	24	24	92
IPK	CUB	13	0	0	2	0	0	0	11	0	0	0	11	9	100
ISP	CHL	41	0	0	0	0	0	1	40	0	0	2	40	40	85
MAL	ARG	84	0	0	0	0	0	5	79	0	0	6	84	80	70
(no lab. name)	BOL	21	21	0	0	0	0	0	0	0	0	0	0	0	0
	BRA	2	2	0	0	0	0	0	0	0	0	0	0	0	0
	ECU	2	2	0	0	0	0	0	0	0	0	0	0	0	0
	HND	4	4	0	0	0	0	0	0	0	0	0	0	0	0
	PAN	2	2	0	0	0	0	0	0	0	0	0	0	0	0
	PER	18	17	0	0	0	0	0	1	0	0	0	1	1	0
Total		1582	130	14	61	8	0	92	1277	0	0	7	1376	1362	76

... No data

Only stool specimens from AFP cases < 15 years shown

Table No.2
Status of Intratypic Differentiation (ITD) testing for specimens with isolated poliovirus, last 52 weeks
Epidemiological weeks 2021/51 - 2022/50

Lab.	Country	Number of poliovirus Isolated	Poliovirus Intratypic Differentiation Results									ITD Indicators					
			Sabin			VDPV			Wild			Pending ITD results	Number of specimens with ITD results	ITD Results w/ reception or detection and results dates	% ITD results ≤ 7 days of reception or detection	% ITD results ≤ 45 days of onset of paralysis	% ITD results ≤ 60 days of onset of paralysis
			P1	P2	P3	P1	P2	P3	P1	P2	P3						
CAR	PAN	2	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-
FIO	BRA	4	2	0	2	0	0	0	0	0	0	0	3	3	67	67	67
IEC	BRA	0	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INDRE	MEX	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
INH	VEN	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0
CDC	USA*	2	0	0	0	0	2	0	0	0	0	0	2	2	100	100	100
Total		10	2	0	4	0	2	0	0	0	3	7	7	71	71	71	