

Acute Flaccid Paralysis Surveillance in the Americas

Vol. 38, No. 49-50

Week ending 16 December 2023

Table No.1
Expected and reported AFP cases, 2023

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

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2023/50	Country	Total 2022	Cumm. 2023	Week								
								1-42	43	44	45	46	47	48	49	50
AND	BOL	3,530,417	35	29	BOL	0	22	15	0	1	2	2	2	...	...	...
	COL	11,121,585	111	161	COL	0	1	1	0	0	0	0	0	0	0	0
	ECU	4,880,846	49	59	ECU	0	4	2	1	0	1	0	0	0	0	...
	PER	8,247,308	82	115	PER	0	51	28	3	2	1	3	6	4	2	2
	VEN	7,603,501	76	116	VEN	0	26	24	1	1	0	0	0	0	0	...
BRA	BRA	43,505,408	435	449	BRA	0	99	79	1	5	4	2	1	2	4	1
CAP	CRI	1,053,428	11	17	CRI	0	0	0	0	0	0	0	0	0	0	0
	GTM	6,033,767	60	75	GTM	0	51	45	0	0	2	1	2	0	1	0
	HND	3,026,923	30	41	HND	0	13	5	0	1	1	2	1	1	1	1
	NIC	1,946,204	19	38	NIC	0	5	3	1	1	0	0	0	0	0	...
	PAN	1,156,102	12	10	PAN	0	4	2	0	0	1	0	1	0	...	...
	SLV	1,704,629	17	53	SLV	0	9	0	2	0	1	2	3	0	1	0
CAR	CAR	1,798,300	18	5	CAR	1	3	3	0	0	0	0	0	...	...
LAC	CUB	1,766,424	18	20	CUB	1	3	3	0	...	...	...	...	...	...	...
	DOM	2,973,499	30	8	DOM	0	6	6	0	0	0	0	0	0	0	0
	HTI	3,707,407	37	9	HTI	15	11	9	1	1	0	0	0	0	0	0
MEX	MEX	33,108,878	331	566	MEX	0	2	0	0	0	0	0	0	2	0	...
NOA	CAN	6,016,679	60	8	CAN	0	0	0	...	...	...	...	...	...	...	...
	USA	60,604,372	606	NR	USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SOC	ARG	11,095,716	111	64	ARG	0	0	0	0	0	0	0	0	0	0	0
	CHL	3,626,085	36	80	CHL	0	3	3	0	0	0	0	0	0	0	0
	PRY	2,070,528	21	29	PRY	0	2	1	0	0	0	0	0	1	0	0
	URY	703,696	7	1	URY	0	0	0	...	...	...	...	...	...	...	...
Total		221,281,702	2212	1953	Total	17	315	229	10	12	13	12	16	10	9	4

* 2022 UN population estimated Rev.2019 NR - Not reporting ... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2023 and 2022

Sub Region	Country	Polio 2023		AFP Cases and indicators, last 52 weeks (2022/51 - 2023/50)					Polio 2022		AFP Cases and indicators, 2022 (2022/1 - 2022/52)				
		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	31	0.88	87	84	...	0	0	42	1.19	98	88	...
	COL	0	0	167	1.50	84	88	98	0	0	150	1.35	83	93	97
	ECU	0	0	59	1.21	78	68	...	0	0	34	0.70	79	71	...
	PER**	0	0	116	1.41	79	58	5	1	0	45	0.55	71	51	6
BRA	BRA	0	0	117	1.54	100	86	...	0	6	131	1.72	99	93	...
CAP	CRI	0	0	465	1.07	99	67	...	0	1	608	1.40	98	65	86
	GTM	0	0	18	1.71	100	89	99	0	0	13	1.23	92	85	100
	HND	0	0	76	1.26	100	22	79	0	0	60	0.99	100	50	74
	NIC	0	0	45	1.49	64	82	93	0	0	40	1.32	78	90	83
	PAN	0	0	38	1.95	92	76	...	0	0	24	1.23	88	92	...
	SLV	0	0	11	0.95	73	100	90	0	0	17	1.47	65	82	89
CAR	CAR	0	0	55	3.23	91	95	62	0	0	38	2.23	66	100	89
LAC	CUB	0	0	6	0.33	67	33	52	0	0	7	0.39	14	57	59
	DOM	0	0	20	1.13	100	95	100	0	0	29	1.64	100	100	100
	HTI	0	0	8	0.27	63	25	0	0	0	9	0.30	22	78	...
MEX	MEX	0	0	9	0.24	100	22	80	0	0	14	0.38	86	50	90
MEX	MEX	0	0	591	1.79	100	82	95	0	0	627	1.89	100	90	95
NOA	CAN	0	0	12	0.20	...	33	...	0	0	25	0.42	...	12	...
	USA*	NR	NR	NR	NR	NR	NR	NR	1	NR	NR	NR	NR	NR	NR
SOC	ARG	0	0	7	0.60	7	78	0	0	0	148	1.33	76	40	0
	CHL	0	0	83	2.29	59	53	84	0	0	61	1.68	74	74	83
	PRY	0	0	29	1.40	97	79	97	0	0	39	1.88	97	95	94
	URY	0	0	1	0.14	...	...	...	0	0	8	1.14	...	...	...
Total	0	0	2024	1.26	89	74	...	...	2	7	2169	1.35	91	76	...

+ Taken within 14 days of onset of paralysis NR - Not reporting ... - No data

* A polio case caused by a cVDPV2 was confirmed in an unvaccinated 20-year-old male.

** A polio case caused by a VDPV1 was confirmed in an unvaccinated 14-month-old child.

CAR includes reports from all CARPHA member countries

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 2022/51 - 2023/50

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test											% Positive specimens for NPEV	Timing of isolation results		
			Pending results			With results					Total specimens with results	Total with reception & result dates	% Results ≤ 14 days				
			Not yet in lab.	Received ≤14 Days	Received >14 Days	Only poliovirus	Poliovirus & NPEV	Only NPEV	Negative	Others					Inadequate		
CAR	BLZ	3	1	0	0	0	0	0	2	0	0	0	2	2	100		
	DOM	2	0	0	0	0	0	0	2	0	0	0	2	2	100		
	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	0	0		
	HTI	10	10	0	0	0	0	0	0	0	0	0	0	0	0		
	JAM	2	0	0	0	0	0	0	2	0	0	0	2	2	100		
	NIC	37	3	0	0	0	0	0	1	33	0	0	3	34	76		
	PAN	11	7	0	0	0	0	0	4	0	0	0	4	4	100		
TTO	1	1	0	0	0	0	0	0	0	0	0	0	0	0			
CDC	BOL	13	6	0	7	0	0	0	0	0	0	0	0	0	0		
	CRI	17	0	0	0	0	0	4	13	0	0	24	17	17	18		
	GTM	76	50	0	1	0	0	0	25	0	0	0	25	25	56		
	HND	31	0	0	1	0	0	1	29	0	0	3	30	30	100		
	PRY	29	2	0	0	0	0	2	25	0	0	7	27	27	52		
	SLV	55	0	0	7	0	0	0	48	0	0	0	48	48	0		
FIO	BRA	345	18	0	15	2	0	4	306	0	0	2	312	310	50		
	PER	62	3	0	2	1	0	3	53	0	0	7	57	57	79		
IEC	BRA	51	1	0	3	1	0	2	44	0	0	6	47	45	84		
INDRE	MEX	504	0	0	20	0	0	45	439	0	0	9	484	483	98		
INH	VEN	115	16	0	0	0	0	4	95	0	0	4	99	97	64		
INS	COL	167	0	0	0	0	0	15	152	0	0	9	167	167	86		
INS	ECU	56	2	0	0	0	0	0	54	0	0	0	54	54	39		
IPK	BRA	1	0	0	0	0	0	0	1	0	0	0	1	1	0		
	CUB	20	1	0	2	0	0	2	15	0	0	12	17	17	88		
ISP	ARG	1	0	0	0	0	0	0	1	0	0	0	1	1	0		
	CHL	55	0	0	0	0	0	0	55	0	0	0	55	54	41		
MAL	ARG	65	0	0	0	0	0	5	60	0	0	8	65	65	74		
(no lab. name)	BOL	33	33	0	0	0	0	0	0	0	0	0	0	0	0		
	BRA	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	CAN	4	1	0	0	0	0	0	3	0	0	0	3	0	0		
	CRI	1	0	0	0	0	0	0	1	0	0	0	1	1	0		
	HND	13	13	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	18	18	0	0	0	0	0	0	0	0	0	0	0	0		
Total		1801	186	0	58	4	0	88	1465	0	0	6	1557	1545	73		

... 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 2022/51 - 2023/50

Lab.	Country	Number of poliovirus isolated	Poliovirus Intratypic Differentiation Results									Pending ITD results	Number of specimens with ITD results	ITD Indicators			
			Sabin			VDPV			Wild					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						
FIO	BRA	2	0	0	2	0	0	0	0	0	0	0	2	2	50	100	100
	PER	1	0	0	0	1	0	0	0	0	0	0	1	1	100	0	0
IEC	BRA	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		4	0	0	3	1	0	0	0	0	0	0	4	4	75	75	75