

Acute Flaccid Paralysis Surveillance in the Americas

Vol. 38, No. 51-52

Week ending 30 December 2023

Table No.1
Expected and reported AFP cases, 2023

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2023/52
AND	BOL	3,530,417	35	30
	COL	11,121,585	111	161
	ECU	4,880,846	49	59
	PER	8,247,308	82	117
	VEN	7,603,501	76	116
BRA	BRA	43,505,408	435	449
CAP	CRI	1,053,428	11	17
	GTM	6,033,767	60	75
	HND	3,026,923	30	41
	NIC	1,946,204	19	38
	PAN	1,156,102	12	10
	SLV	1,704,629	17	53
CAR	CAR	1,798,300	18	5
LAC	CUB	1,766,424	18	20
	DOM	2,973,499	30	8
	HTI	3,707,407	37	9
MEX	MEX	33,108,878	331	566
NOA	CAN	6,016,679	60	8
	USA	60,604,372	606	NR
SOC	ARG	11,095,716	111	64
	CHL	3,626,085	36	80
	PRY	2,070,528	21	29
	URY	703,696	7	1
Total		221,281,702	2212	1956

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

Country	Total 2022	Cumm. 2023	Week									
			1-44	45	46	47	48	49	50	51	52	
BOL	0	23	16	2	2	2	0	0	0	0	0	1
COL	0	1	1	0	0	0	0	0	0	0	0	0
ECU	0	4	3	1	0	0	0	0	0	0	0	0
PER	0	53	33	1	3	6	4	2	2	2	2	0
VEN	0	26	26	0	0	0	0	0	0	...	...	...
BRA	0	99	85	4	2	1	2	4	1	0	0	0
CRI	0	0	0	0	0	0	0	0	0	0	0	...
GTM	0	51	45	2	1	2	0	1	0	...	...	...
HND	0	13	6	1	2	1	1	1	1	0	0	0
NIC	0	5	5	0	0	0	0	0	0	...	...	...
PAN	0	4	2	1	0	1	0	0	0	0	0	0
SLV	0	9	2	1	2	3	0	1	0	...	...	...
CAR	1	3	3	0	0	0	0	...	...	...	...	...
CUB	1	3	3	0	0	0	0	0	0	0	0	...
DOM	0	6	6	0	0	0	0	0	0	0	0	0
HTI	15	11	11	0	0	0	0	0	0	0	0	0
MEX	0	2	0	0	0	0	2	0	...	...	...	...
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	0	0	0	0	0	0	0	0	0	0	...
CHL	0	3	3	0	0	0	0	0	0	0	0	0
PRY	0	2	1	0	0	0	1	0	0	0	0	0
URY	0	0	0	0	...	...	...	...	...	...	...	...
Total	17	318	251	13	12	16	10	9	4	2	1	

* 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 (2023/1 - 2023/52)					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	30	0.85	87	80	...	0	0	42	1.19	98	88	...
	COL	0	0	161	1.45	86	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	117	1.42	79	58	5	1	0	45	0.55	71	51	6
VEN	0	0	116	1.53	100	86	...	0	6	131	1.72	99	93	...	
BRA	BRA	0	0	449	1.03	99	67	...	0	1	608	1.40	98	65	86
CAP	CRI	0	0	17	1.61	100	88	99	0	0	13	1.23	92	85	100
	GTM	0	0	75	1.24	100	23	77	0	0	60	0.99	100	50	74
	HND	0	0	41	1.35	71	80	94	0	0	40	1.32	78	90	83
	NIC	0	0	38	1.95	92	76	...	0	0	24	1.23	88	92	...
	PAN	0	0	10	0.86	70	100	90	0	0	17	1.47	65	82	89
	SLV	0	0	53	3.11	92	94	63	0	0	38	2.23	66	100	89
CAR	CAR	0	0	5	0.28	60	20	53	0	0	7	0.39	14	57	59
LAC	CUB	0	0	20	1.13	100	95	100	0	0	29	1.64	100	100	100
	DOM	0	0	8	0.27	63	25	...	0	0	9	0.30	22	78	...
	HTI	0	0	9	0.24	100	22	80	0	0	14	0.38	86	50	90
MEX	MEX	0	0	567	1.71	100	82	95	0	0	627	1.89	100	90	95
NOA	CAN	0	0	8	0.13	...	38	...	0	0	25	0.42	...	12	...
SOC	USA*	NR	NR	NR	NR	NR	NR	NR	1	NR	NR	NR	NR	NR	NR
	ARG	0	0	64	0.58	5	80	...	0	0	148	1.33	76	40	...
	CHL	0	0	80	2.21	59	51	82	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	1957	1.22	90	73	...	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 2023/1 - 2023/52

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test											Timing of isolation results		
			Pending results			With results						% Positive specimens for NPEV	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	2	1	0	0	0	0	0	1	0	0	0	1	1	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	
	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	1	33	0	0	3	34	34	76	
	PAN	10	7	0	0	0	0	0	3	0	0	0	3	3	100	
	TTO	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
CDC	BOL	14	7	0	7	0	0	0	0	0	0	0	0	0	0	
	CRI	16	0	0	0	0	0	3	13	0	0	19	16	16	19	
	GTM	75	50	0	1	0	0	0	24	0	0	0	24	24	58	
	HND	28	0	0	1	0	0	1	26	0	0	4	27	27	100	
	PRY	29	2	0	0	0	0	2	25	0	0	7	27	27	52	
	SLV	53	0	0	7	0	0	0	46	0	0	0	46	46	0	
FIO	BRA	334	18	0	13	1	0	4	298	0	0	2	303	301	50	
	PER	60	3	0	1	0	0	3	53	0	0	5	56	56	80	
IEC	BRA	48	0	0	3	1	0	2	42	0	0	7	45	43	84	
INDRE	MEX	481	0	0	20	0	0	44	417	0	0	10	461	460	98	
INH	VEN	114	16	0	0	0	0	4	94	0	0	4	98	96	64	
INS	COL	161	0	0	0	0	0	15	146	0	0	9	161	161	85	
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	52	0	0	0	0	0	0	52	0	0	0	52	51	41	
MAL	ARG	62	0	0	0	0	0	5	57	0	0	8	62	62	73	
(no lab. name)	BOL	31	31	0	0	0	0	0	0	0	0	0	0	0	0	
	CAN	3	1	0	0	0	0	0	2	0	0	0	2	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	20	20	0	0	0	0	0	0	0	0	0	0	0	0	
Total		1738	186	0	55	2	0	86	1409	0	0	6	1497	1487	72	

... 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 2023/1 - 2023/52

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						
FIO	BRA	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
IEC	BRA	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		2	0	0	2	0	0	0	0	0	0	0	2	2	100	100	100