

Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 21 October 2023

Table No.1
Expected and reported AFP cases, 2023

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2023/42
AND	BOL	3,530,417	35	18
	COL	11,121,585	111	138
	ECU	4,880,846	49	53
	PER	8,247,308	82	90
	VEN	7,603,501	76	103
BRA	BRA	43,505,408	435	341
CAP	CRI	1,053,428	11	5
	GTM	6,033,767	60	66
	HND	3,026,923	30	31
	NIC	1,946,204	19	36
	PAN	1,156,102	12	8
	SLV	1,704,629	17	44
CAR	CAR	1,798,300	18	3
LAC	CUB	1,766,424	18	19
	DOM	2,973,499	30	8
	HTI	3,707,407	37	2
MEX	MEX	33,108,878	331	468
NOA	CAN	6,016,679	60	8
	USA	60,604,372	606	NR
SOC	ARG	11,095,716	111	42
	CHL	3,626,085	36	59
	PRY	2,070,528	21	24
	URY	703,696	7	1
Total		221,281,702	2212	1567

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

Country	Total 2022	Cumm. 2023	Week										
			1-34	35	36	37	38	39	40	41	42		
BOL	0	12	12	0	0	0	0	0	0	0	0	0	0
COL	0	5	0	0	0	0	0	0	1	0	3	1	0
ECU	0	17	7	2	1	2	1	4	0	0	0	0	0
PER	0	33	23	0	0	5	0	3	1	0	1	0	0
VEN	0	41	40	1	0	0	0	0	0	0	0	0	0
BRA	0	90	84	3	2	1	0	0	0	0	0	0	0
CRI	0	0	0	...	...	...	...	...	...	...	...	...	...
GTM	0	42	36	1	4	0	1	0	0	0	0	0	0
HND	0	16	8	1	0	1	0	1	0	2	3	0	0
NIC	0	9	7	0	2	0	0	0	0	0	0	0	0
PAN	0	6	4	0	0	0	1	0	0	0	0	1	0
SLV	0	15	6	0	2	0	1	3	1	0	2	0	0
CAR	1	2	1	1	0	0	0	0	0	0	0	0	0
CUB	1	2	1	0	0	1	0	0	0	0	0	0	0
DOM	0	6	6	0	0	0	0	0	0	0	0	0	0
HTI	15	2	1	0	0	1	0	0	0	0	0	0	0
MEX	0	10	1	0	2	1	2	2	1	1	0	0	0
CAN	0	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	0	0	0	0	0	0	0	0	0	0	0	0
CHL	0	6	6	0	0	0	0	0	0	0	0	0	0
PRY	0	7	1	2	0	0	0	3	0	0	1	0	0
URY	0	...	...	...	...	...	...	...	...	...	...	...	...
Total	17	321	244	11	13	12	6	17	3	6	9	0	0

* 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 (2022/43 - 2023/42)					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	36	1.02	97	86	...	0	0	42	1.19	98	88	...
	COL	0	0	170	1.53	82	89	98	0	0	150	1.35	83	93	97
	ECU	0	0	60	1.23	78	70	...	0	0	34	0.70	79	71	...
	PER**	0	0	94	1.14	81	55	6	1	0	45	0.55	71	51	6
VEN	0	0	127	1.67	100	91	...	0	6	131	1.72	99	93	...	
BRA	BRA	0	0	458	1.05	99	68	...	0	1	608	1.40	98	65	86
CAP	CRI	0	0	8	0.76	100	100	98	0	0	13	1.23	92	85	100
	GTM	0	0	73	1.21	100	21	76	0	0	60	0.99	100	50	74
	HND	0	0	41	1.35	71	80	92	0	0	40	1.32	78	90	83
	NIC	0	0	36	1.85	92	78	...	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	50	2.93	86	90	63	0	0	38	2.23	66	100	89
CAR	CAR	0	0	6	0.33	33	67	55	0	0	7	0.39	14	57	59
LAC	CUB	0	0	28	1.59	100	96	100	0	0	29	1.64	100	100	100
	DOM	0	0	10	0.34	50	30	...	0	0	9	0.30	22	78	...
	HTI	0	0	6	0.16	100	83	81	0	0	14	0.38	86	50	90
MEX	MEX	0	0	590	1.78	99	84	95	0	0	627	1.89	100	90	95
NOA	CAN	0	0	17	0.28	...	24	...	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	67	0.60	37	70	...	0	0	148	1.33	76	41	...
	CHL	0	0	71	1.96	59	65	83	0	0	61	1.68	74	74	83
	PRY	0	0	32	1.55	100	88	97	0	0	39	1.88	97	95	94
	URY	0	0	3	0.43	...	...	...	0	0	8	1.14	...	...	...
Total		0	0	1993	1.24	90	75	...	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 2022/43 - 2023/42

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	0	0	0	0	0	0	2	0	0	0	2	2	100
	DOM	4	0	0	0	0	0	0	4	0	0	0	4	4	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	6	6	0	0	0	0	0	0	0	0	0	0	0	0
	JAM	3	0	0	0	0	0	0	3	0	0	0	3	3	100
	NIC	35	5	0	0	0	0	0	1	29	0	0	3	30	73
PAN	10	5	0	0	0	0	0	0	5	0	0	0	5	100	
CDC	BOL	13	0	0	0	0	0	1	12	0	0	8	13	13	0
	CRI	8	0	0	0	0	0	3	5	0	0	38	8	8	13
	GTM	72	40	0	1	0	0	0	31	0	0	0	31	31	45
	HND	24	0	0	1	0	0	0	23	0	0	0	23	23	100
	PRY	32	7	0	0	0	0	0	2	23	0	0	8	25	44
	SLV	48	0	0	9	0	0	0	39	0	0	0	39	39	0
FIO	BRA	342	16	0	12	3	0	4	307	0	0	2	314	311	43
	PER	54	0	0	2	1	0	3	48	0	0	8	52	52	77
IEC	BRA	59	3	0	5	2	0	3	46	0	0	10	51	51	80
INDRE	MEX	515	0	11	17	0	0	42	445	0	0	9	487	486	98
INH	VEN	127	4	0	0	0	0	4	119	0	0	3	123	121	57
INS	COL	169	0	5	0	0	0	11	153	0	0	7	164	164	82
INS	ECU	56	10	0	3	0	0	0	43	0	0	0	43	43	65
IPK	CUB	28	0	0	3	0	0	3	22	0	0	12	25	25	92
ISP	ARG	1	0	0	0	0	0	0	1	0	0	0	1	1	0
	CHL	59	0	0	0	0	0	0	59	0	0	0	59	58	45
MAL	ARG	62	0	0	0	0	0	3	59	0	0	5	62	62	77
(no lab. name)	BOL	37	37	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
	HND	17	17	0	0	0	0	0	0	0	0	0	0	0	0
	PER	11	10	0	0	0	0	0	0	1	0	0	1	1	100
Total		1801	161	16	53	6	0	80	1485	0	0	5	1571	1560	71

... 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 2022/43 - 2023/42

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	3	0	0	3	0	0	0	0	0	0	0	3	3	67	100	100
	PER	1	0	0	0	1	0	0	0	0	0	0	1	1	100	0	0
IEC	BRA	2	0	0	2	0	0	0	0	0	0	0	2	2	100	100	100
Total		6	0	0	5	1	0	0	0	0	0	0	6	6	83	83	83