

Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 20 May 2023

Table No.1
Expected and reported AFP cases, 2023

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2023/20
AND	BOL	3,530,417	35	5
	COL	11,121,585	111	51
	ECU	4,880,846	49	18
	PER	8,247,308	82	20
	VEN	7,603,501	76	37
BRA	BRA	43,505,408	435	99
CAP	CRI	1,053,428	11	5
	GTM	6,033,767	60	30
	HND	3,026,923	30	11
	NIC	1,946,204	19	19
	PAN	1,156,102	12	3
	SLV	1,704,629	17	15
CAR	CAR	1,798,300	18	1
LAC	CUB	1,766,424	18	2
	DOM	2,973,499	30	0
	HTI	3,707,407	37	0
MEX	MEX	33,108,878	331	186
NOA	CAN	6,016,679	60	0
	USA	60,604,372	606	NR
SOC	ARG	11,095,716	111	0
	CHL	3,626,085	36	23
	PRY	2,070,528	21	11
	URY	703,696	7	0
Total		221,281,702	2212	536

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

Country	Total 2022	Cumm. 2023	Week											
			1-12	13	14	15	16	17	18	19	20			
BOL	0	5	4	1	0	0	0	...	...	...	...	...	...
COL	0	4	0	0	0	0	0	2	0	2	0	...	...
ECU	0	3	1	0	0	0	0	1	1	0	0	...	...
PER	0	9	3	0	2	1	1	2	0	0	0	...	...
VEN	0	29	22	2	1	2	2	0	0	0	...	...	...
BRA	0	39	22	3	5	3	2	0	3	1	0	...	...
CRI	0	0	0	0	0	0	0	0	0	0	0	...	...
GTM	5	23	12	1	2	3	1	3	1	0	0	...	...
HND	0	8	5	0	2	0	0	1	0	0	0	...	...
NIC	0	11	3	0	1	2	1	2	0	2	0	...	...
PAN	0	3	0	1	0	0	0	2	...	...	...	...	...
SLV	1	7	3	0	1	1	1	1	0	0	0	...	...
CAR	1	0	0	0	0	0	0	0	0	0	0	...	...
CUB	1	2	1	0	1	0	0	0	...	...	...	...	...
DOM	8	0	0	0	0	0	0	0	0	0	0	...	...
HTI	15	0	0	0	0	0	0	0	...	...	...	...	...
MEX	0	5	0	1	0	0	0	0	2	2	...	...	...
CAN	0	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	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	10	4	1	0	0	2	0	3	0	0	...	...
PRY	0	7	4	0	0	1	2	0	0	0	0	...	...
URY	0	...	...	...	...	...	...	...	...	...	...	...	...
Total	32	165	84	10	15	13	12	14	10	7	0	...	...

* 2022 UN population estimated Rev.2019 NR - No 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 (2022/21 - 2023/20)					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	39	1.10	97	92	...	0	0	43	1.22	98	88	...
	COL	0	0	143	1.29	77	91	5	0	0	150	1.35	83	93	97
	ECU	0	0	40	0.82	83	70	...	0	0	34	0.70	79	71	...
	PER	0	0	44	0.53	80	61	6	0	0	45	0.55	71	51	6
	VEN	0	0	119	1.57	99	92	...	0	6	131	1.72	99	93	...
BRA	BRA	0	0	517	1.19	97	69	78	0	1	608	1.40	98	65	86
CAP	CRI	0	0	15	1.42	93	93	...	0	0	13	1.23	92	85	100
	GTM	0	0	69	1.14	100	30	75	0	0	60	0.99	100	48	74
	HND	0	0	35	1.16	77	91	85	0	0	40	1.32	78	90	83
	NIC	0	0	36	1.85	89	83	...	0	0	24	1.23	88	92	0
	PAN	0	0	13	1.12	85	92	89	0	0	17	1.47	65	82	89
	SLV	0	0	36	2.11	83	97	3	0	0	38	2.23	66	100	89
CAR	CAR	0	0	8	0.44	13	63	58	0	0	7	0.39	14	57	59
LAC	CUB	0	0	18	1.02	94	100	100	0	0	29	1.64	100	100	100
	DOM	0	0	6	0.20	33	...	...	0	0	8	0.27	25	...	...
	HTI	0	0	10	0.27	80	50	91	0	0	14	0.38	86	50	90
MEX	MEX	0	0	614	1.85	100	86	5	0	0	627	1.89	100	90	95
NOA	CAN	0	0	9	0.15	...	11	...	0	0	13	0.22	...	8	...
SOC	USA*	NR	NR	NR	NR	NR	NR	NR	1	NR	NR	NR	NR	NR	NR
	ARG	0	0	93	0.84	88	39	0	0	0	147	1.32	77	40	...
	CHL	0	0	52	1.43	56	69	77	0	0	48	1.32	71	81	73
	PRY	0	0	41	1.98	100	90	96	0	0	39	1.88	97	95	95
	URY	0	0	...	...	...	...	...	0	0	...	...	...	...	...
Total		0	0	1957	1.22	93	76	...	1	7	2135	1.33	92	77	...

* 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 2022/21 - 2023/20

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	3	0	0	0	0	0	0	3	0	0	0	3	3	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	7	0	0	0	0	0	1	2	0	0	33	3	3	100
	JAM	4	0	0	0	0	0	0	0	3	1	0	0	4	3	100
	NIC	34	8	0	0	0	0	0	1	25	0	0	4	26	26	50
	PAN	13	3	0	0	0	0	0	0	10	0	0	0	10	10	90
CDC	BOL	34	0	0	0	0	0	5	29	0	0	15	34	34	0	
	CRI	20	0	0	0	0	0	5	14	0	0	26	19	19	11	
	GTM	68	23	0	2	0	0	0	43	0	0	0	43	43	16	
	HND	27	0	0	0	0	0	2	24	0	0	8	26	26	92	
	PRY	43	8	0	1	1	0	2	31	0	0	9	34	34	71	
	SLV	36	0	0	4	0	0	0	32	0	0	0	32	32	0	
FIO	BRA	390	9	0	23	6	0	10	342	0	0	4	358	357	46	
	PER	30	0	0	1	1	0	2	26	0	0	10	29	29	69	
IEC	BRA	66	3	0	8	3	0	2	50	0	0	9	55	54	63	
INDRE	MEX	547	0	0	22	0	0	56	469	0	0	11	525	525	100	
INH	VEN	116	25	0	1	0	0	3	87	0	0	3	90	90	30	
INS	COL	142	1	0	3	0	0	7	131	0	0	5	138	138	88	
INS	ECU	37	0	0	0	1	0	0	36	0	0	3	36	36	92	
IPK	CUB	18	1	0	2	0	0	3	12	0	0	20	15	15	80	
ISP	CHL	48	0	0	4	0	0	1	43	0	0	2	43	43	63	
MAL	ARG	68	0	0	0	0	0	2	66	0	0	3	68	67	82	
(no lab. name)	ARG	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	BOL	23	23	0	0	0	0	0	0	0	0	0	0	0	0	
	BRA	2	1	0	0	0	0	0	1	0	0	0	1	1	100	
	CAN	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	ECU	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	10	10	0	0	0	0	0	0	0	0	0	0	0	0	
	NIC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
PER	7	7	0	0	0	0	0	0	0	0	0	0	0	0		
Total		1802	132	0	71	12	0	102	1482	1	0	7	1595	1590	70	

... 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 2022/21 - 2023/20

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						
CDC	PRY	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0
	USA*	2	0	0	0	0	2	0	0	0	0	0	2	2	100	100	100
FIO	BRA	6	1	0	5	0	0	0	0	0	0	0	6	6	50	83	83
	PER	1	0	0	0	1	0	0	0	0	0	0	1	1	100	0	0
IEC	BRA	3	0	0	3	0	0	0	0	0	0	0	3	3	100	100	100
INS	ECU	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
Total		14	1	0	9	1	2	0	0	0	0	1	13	13	69	77	77