

Acute Flaccid Paralysis Surveillance in the Americas

Vol. 38, No. 1-2

Week ending 14 January 2023

Table No.1
Expected and reported AFP cases, 2023

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

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

Country	Total 2022	Cumm. 2023	Week							
			1	2						
BOL	17	0	0	0						
COL	8	0	0	0						
ECU	11	0	0	0						
PER	27	0	0	0						
VEN	27	0	0	0						
BRA	135	0	0	0						
CRI	0	0	0	0						
GTM	24	0	0	0						
HND	10	0	0	0						
NIC	4	2	0	2						
PAN	0	0	0	0						
SLV	8	4	2	2						
CAR	1	0	0	0						
CUB	1	0	0	0						
DOM	8	0	0	0						
HTI	14	0	0	0						
MEX	11	3	1	2						
CAN	0	0	0	0						
USA	NR	NR	NR	NR						
ARG	0	0	0	0						
CHL	0	0	0	0						
PRY	15	1	1	0						
URY	0	...	...	...			
Total	321	10	4	6	0	0	0	0	0	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 (2022/3 - 2023/2)					Polio 2022		AFP Cases and indicators, 2021 (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	97	77	...	0	0	32	0.91	97	78	...
	COL	0	0	144	1.29	77	90	44	0	0	149	1.34	77	90	45
	ECU	0	0	26	0.53	81	65	...	0	0	27	0.55	81	63	...
	PER	0	0	41	0.50	56	41	6	0	0	41	0.50	56	41	6
	VEN	0	0	102	1.34	99	90	...	0	1	107	1.41	99	88	...
BRA	BRA	0	0	436	1.00	98	61	86	0	0	446	1.03	98	60	86
CAP	CRI	0	0	9	0.85	89	89	100	0	0	10	0.95	90	90	100
	GTM	0	0	58	0.96	100	55	73	0	0	60	0.99	100	57	74
	HND	0	0	38	1.26	79	89	83	0	0	39	1.29	79	90	83
	NIC	0	0	26	1.34	85	92	...	0	0	24	1.23	88	92	...
	PAN	0	0	14	1.21	64	86	...	0	0	15	1.30	60	80	...
	SLV	0	0	38	2.23	68	97	13	0	0	36	2.11	67	100	15
CAR	CAR	0	0	1	...	...	...	59	0	0	1	0.06	...	...	59
LAC	CUB	0	0	26	1.47	77	96	100	0	0	29	1.64	69	97	100
	DOM	0	0	8	0.27	25	...	...	0	0	8	0.27	25	...	...
	HTI	0	0	13	0.35	85	54	96	0	0	14	0.38	86	50	96
MEX	MEX	0	0	609	1.84	100	89	18	0	0	625	1.89	100	90	18
NOA	CAN	0	0	1	0.02	...	...	...	0	0	2	0.03	...	...	...
SOC	USA*	NR	NR	NR	NR	NR	NR	NR	1	NR	NR	NR	NR	NR	NR
	ARG	0	0	136	1.23	77	41	0	0	0	141	1.27	77	41	...
	CHL	0	0	47	1.30	70	83	74	0	0	48	1.32	71	81	73
	PRY	0	0	38	1.84	97	92	97	0	0	39	1.88	97	95	97
	URY	0	0	...	...	...	...	...	0	0	...	...	...	...	...
Total		0	0	1842	1.15	91	76	...	1	1	1893	1.18	91	76	...

* 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 2022/3 - 2023/2

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	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	13	7	0	0	0	0	1	5	0	0	17	6	5	60	
	NIC	26	6	0	0	0	0	1	19	0	0	5	20	20	30	
	PAN	13	0	0	0	1	0	0	12	0	0	8	13	13	92	
CDC	BOL	14	1	0	0	0	0	2	11	0	0	15	13	13	0	
	CRI	9	0	0	2	0	0	0	7	0	0	0	7	7	29	
	GTM	58	16	0	5	0	0	0	37	0	0	0	37	37	0	
	HND	27	0	0	0	0	0	2	25	0	0	7	27	27	93	
	PRY	38	8	0	8	0	0	1	21	0	0	5	22	22	77	
	SLV	37	0	3	8	0	0	0	26	0	0	0	26	26	0	
FIO	BRA	300	21	0	19	3	0	6	251	0	0	3	260	260	64	
	PER	11	1	0	0	0	0	0	10	0	0	0	10	10	90	
IEC	BRA	49	4	0	3	1	0	0	41	0	0	2	42	41	59	
INDRE	MEX	560	2	16	1	0	0	65	476	0	0	12	541	535	99	
INH	VEN	102	22	0	1	1	0	4	74	0	0	6	79	79	11	
INS	COL	144	0	3	8	0	0	7	126	0	0	5	133	133	94	
INS	ECU	20	4	0	0	0	0	0	16	0	0	0	16	16	88	
IPK	CUB	26	0	0	1	0	0	5	20	0	0	20	25	25	88	
ISP	CHL	49	0	0	0	0	0	1	48	0	0	2	48	48	88	
MAL	ARG	98	0	0	0	0	0	6	92	0	0	6	98	95	75	
(no lab. name)	ARG	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	BOL	27	27	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	11	11	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		1657	152	22	56	6	0	101	1320	0	0	7	1426	1415	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 2022/3 - 2023/2

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	1	0	0	0	0	0	0	0	0	0	1	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
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		8	2	0	4	0	2	0	0	0	0	1	7	7	71	71	71