

Acute Flaccid Paralysis Surveillance in the Americas

Vol. 38, No. 29-30

Week ending 29 July 2023

Table No.1
Expected and reported AFP cases, 2023

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2023/30
AND	BOL	3,530,417	35	5
	COL	11,121,585	111	87
	ECU	4,880,846	49	26
	PER	8,247,308	82	56
	VEN	7,603,501	76	46
BRA	BRA	43,505,408	435	252
CAP	CRI	1,053,428	11	5
	GTM	6,033,767	60	35
	HND	3,026,923	30	17
	NIC	1,946,204	19	30
	PAN	1,156,102	12	6
	SLV	1,704,629	17	28
CAR	CAR	1,798,300	18	2
LAC	CUB	1,766,424	18	13
	DOM	2,973,499	30	8
	HTI	3,707,407	37	0
MEX	MEX	33,108,878	331	325
NOA	CAN	6,016,679	60	8
	USA	60,604,372	606	NR
SOC	ARG	11,095,716	111	17
	CHL	3,626,085	36	40
	PRY	2,070,528	21	16
	URY	703,696	7	0
Total		221,281,702	2212	1022

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

Country	Total 2022	Cumm. 2023	Week									
			1-22	23	24	25	26	27	28	29	30	
BOL	0	5	5	...	...	...	...	...	...	...	...	...
COL	0	6	0	0	0	0	0	0	1	2	1	2
ECU	0	5	3	1	1	0	0	0	0	0	0	...
PER	0	34	11	1	8	3	2	3	5	1	0	...
VEN	0	24	24	0	...	...	...	...	...	...	...	...
BRA	0	94	62	10	10	6	6	0	0	0	0	0
CRI	0	0	0	0	0	0	0	...	...	...	...	...
GTM	5	28	26	0	1	1	...	...	...	...	...	...
HND	0	2	0	0	0	0	1	0	1	0	0	0
NIC	0	14	6	0	1	0	0	3	1	3	0	0
PAN	0	6	5	0	1	0	0	0	0	0	0	...
SLV	0	10	4	1	0	1	2	1	0	1	...	...
CAR	1	0	0	0	0	0	0	0	0	...	...	...
CUB	1	6	4	0	1	0	1	0	0	0	0	0
DOM	0	6	4	0	1	0	1	0	0	0	0	0
HTI	15	0	0	0	0	0	0	0	0	...	...	...
MEX	0	2	1	0	1	0	0	0	0	0	0	...
CAN	0	0	0	0	0	0	0	0	0	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	0
CHL	0	9	4	0	1	0	0	2	2	0	0	0
PRY	0	12	8	0	0	0	1	1	2	0	0	0
URY	0	...	...	...	...	...	...	...	...	...	...	...
Total	22	263	167	13	26	11	14	11	13	6	2	...

* 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 (2022/31 - 2023/30)					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	94	...	0	0	43	1.22	98	88	...
	COL	0	0	155	1.39	78	92	97	0	0	150	1.35	83	93	97
	ECU	0	0	41	0.84	78	66	...	0	0	34	0.70	79	71	...
	PER**	0	0	76	0.92	80	55	6	1	0	45	0.55	71	51	6
VEN	0	0	107	1.41	99	88	...	0	6	131	1.72	99	93	...	
BRA	BRA	0	0	550	1.26	98	67	...	0	1	608	1.40	98	65	86
CAP	CRI	0	0	11	1.04	100	100	98	0	0	13	1.23	92	85	100
	GTM	0	0	55	0.91	100	36	74	0	0	60	0.99	100	48	74
	HND	0	0	34	1.12	71	85	88	0	0	40	1.32	78	90	83
	NIC	0	0	39	2.00	90	79	...	0	0	24	1.23	88	92	...
	PAN	0	0	13	1.12	77	100	89	0	0	17	1.47	65	82	89
	SLV	0	0	42	2.46	83	95	64	0	0	38	2.23	66	100	89
CAR	CAR	0	0	9	0.50	11	56	56	0	0	7	0.39	14	57	59
LAC	CUB	0	0	25	1.42	96	96	100	0	0	29	1.64	100	100	100
	DOM	0	0	13	0.44	54	38	...	0	0	9	0.30	22	78	...
	HTI	0	0	9	0.24	89	56	90	0	0	14	0.38	86	50	90
MEX	MEX	0	0	621	1.88	100	85	95	0	0	627	1.89	100	90	95
NOA	CAN	0	0	21	0.35	...	29	...	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	83	0.75	71	52	...	0	0	148	1.33	76	41	...
	CHL	0	0	59	1.63	53	61	86	0	0	53	1.46	72	75	83
	PRY	0	0	34	1.64	100	85	96	0	0	39	1.88	97	95	94
	URY	0	0	...	...	...	...	...	0	0	...	...	...	...	...
Total		0	0	2033	1.27	91	75	...	2	7	2154	1.34	91	76	...

* Taken within 14 days of onset of paralysis NR - No 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 2022/31 - 2023/30

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	0	0	0	0	0	0	3	0	0	0	3	3	100		
	DOM	7	0	0	0	0	0	0	7	0	0	0	7	7	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	9	7	0	0	0	0	0	1	1	0	0	2	2	100		
	JAM	5	0	0	0	0	0	0	4	1	0	0	5	4	100		
	NIC	37	7	0	0	0	0	0	1	29	0	0	30	30	57		
PAN	13	6	0	0	0	0	0	0	7	0	0	7	7	86			
CDC	BOL	28	0	0	0	0	0	5	23	0	0	18	28	28	0		
	CRI	13	0	0	0	0	0	5	8	0	0	38	13	13	15		
	GTM	54	28	0	2	0	0	0	24	0	0	0	24	24	29		
	HND	32	0	0	1	0	0	1	29	0	0	3	30	30	100		
	PRY	36	13	0	1	1	0	1	20	0	0	9	22	22	55		
	SLV	42	0	1	9	0	0	0	32	0	0	0	32	32	0		
FIO	BRA	397	23	0	21	5	0	8	340	0	0	4	353	352	41		
	PER	36	0	0	1	1	0	2	32	0	0	9	35	35	63		
IEC	BRA	71	5	0	5	3	0	2	56	0	0	8	61	61	67		
INDRE	MEX	546	0	10	22	0	0	59	455	0	0	11	514	512	100		
INH	VEN	103	19	0	0	0	0	2	82	0	0	2	84	84	39		
INS	COL	154	2	4	0	0	0	8	140	0	0	5	148	148	86		
INS	ECU	35	0	0	0	0	0	0	35	0	0	0	35	35	91		
IPK	CUB	24	3	0	3	0	0	3	15	0	0	17	18	18	89		
ISP	ARG	1	0	0	0	0	0	0	1	0	0	0	1	1	0		
	CHL	48	0	0	2	0	0	0	46	0	0	0	46	45	42		
MAL	ARG	66	0	0	0	0	0	1	65	0	0	2	66	65	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	6	2	0	0	0	0	0	4	0	0	0	4	0	0		
	ECU	1	0	0	0	0	0	0	1	0	0	0	1	1	0		
	HND	2	2	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	3	3	0	0	0	0	0	0	0	0	0	0	0	0		
PRY	17	17	0	0	0	0	0	0	0	0	0	0	0	0			
Total		1817	161	15	67	10	0	99	1463	1	0	7	1573	1562	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 2022/31 - 2023/30

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						
CDC	PRY	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0
FIO	BRA	5	0	0	5	0	0	0	0	0	0	0	5	5	60	100	100
	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
Total		10	0	0	9	1	0	0	0	0	0	0	10	10	70	80	80