

Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 22 April 2023

Table No.1
Expected and reported AFP cases, 2023

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2023/16
AND	BOL	3,530,417	35	5
	COL	11,121,585	111	45
	ECU	4,880,846	49	0
	PER	8,247,308	82	16
	VEN	7,603,501	76	22
BRA	BRA	43,505,408	435	1
CAP	CRI	1,053,428	11	0
	GTM	6,033,767	60	25
	HND	3,026,923	30	10
	NIC	1,946,204	19	12
	PAN	1,156,102	12	0
	SLV	1,704,629	17	13
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	103
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	10
	URY	703,696	7	0
Total		221,281,702	2212	262

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

Country	Total 2022	Cumm. 2023	Week												
			1-8	9	10	11	12	13	14	15	16				
BOL	0	5	3	1	0	0	0	1	0	0	0	0	0		
COL	0	6	0	0	0	0	1	0	1	2	2	2	2		
ECU	0	0	0	0	0	0	...	...	...	...	...	...	...
PER	1	11	2	1	1	1	3	0	2	0	1	1	1		
VEN	0	16	9	5	0	2	0	0	0	0	0	0	0		
BRA	12	0	0	0	0	0	0	0	0	0	0	0	...		
CRI	1	0	0	...	...	...	...	...	...	...	...	...	...
GTM	5	18	6	2	0	3	1	1	2	3	0	0	0		
HND	0	7	1	1	2	0	1	0	2	0	0	0	0		
NIC	0	10	4	1	2	0	1	0	0	2	...	...	...
PAN	2	0	0	0	0	0	0	0	0	...	...	...	...
SLV	1	6	3	0	1	0	0	0	1	1	0	0	0		
CAR	1	1	0	0	0	0	0	1	0	0	0	0	0		
CUB	1	0	0	0	0	0	0	...	...	...	...	...	...
DOM	8	0	0	0	0	0	0	0	0	0	0	0	0		
HTI	15	0	0	0	0	0	0	0	0	0	0	0	0		
MEX	0	13	5	2	2	2	2	...	...	...	...	...	...
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	0	0	0	0	0	0	0	0	0	0	0	0		
PRY	1	6	1	0	1	1	1	0	0	0	2	2	2		
URY	0	...	...	...	...	...	...	...	...	...	...	...	...
Total	48	99	34	13	9	9	10	3	8	8	5	5	5		

* 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 (2022/17 - 2023/16)					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	40	1.13	98	90	...	0	0	43	1.22	98	88	...
	COL	0	0	153	1.38	77	92	5	0	0	150	1.35	83	93	97
	ECU	0	0	26	0.53	85	77	...	0	0	33	0.68	79	70	...
	PER	0	0	46	0.56	78	57	6	0	0	45	0.55	71	51	6
	VEN	0	0	113	1.49	99	91	...	0	6	131	1.72	99	93	...
BRA	BRA	0	0	457	1.05	98	68	78	0	1	605	1.39	98	65	86
CAP	CRI	0	0	9	0.85	89	89	...	0	0	13	1.23	92	92	100
	GTM	0	0	70	1.16	100	36	75	0	0	60	0.99	100	48	74
	HND	0	0	37	1.22	81	89	85	0	0	40	1.32	78	90	83
	NIC	0	0	31	1.59	94	84	...	0	0	24	1.23	88	92	0
	PAN	0	0	11	0.95	73	91	89	0	0	17	1.47	65	82	89
	SLV	0	0	38	2.23	82	100	3	0	0	38	2.23	66	100	89
CAR	CAR	0	0	4	0.22	25	75	58	0	0	4	0.22	25	75	59
LAC	CUB	0	0	17	0.96	100	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	11	0.30	82	45	91	0	0	14	0.38	86	50	90
MEX	MEX	0	0	574	1.73	100	87	5	0	0	627	1.89	100	90	95
NOA	CAN	0	0	10	0.17	...	10	...	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	103	0.93	88	39	0	0	0	146	1.32	77	40	...
	CHL	0	0	37	1.02	65	81	77	0	0	48	1.32	71	81	73
	PRY	0	0	40	1.93	100	88	96	0	0	39	1.88	97	95	95
	URY	0	0	...	...	...	...	...	0	0	...	...	...	...	...
Total		0	0	1833	1.14	93	77	...	1	7	2127	1.32	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 2022/17 - 2023/16

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	
	GTM	2	0	0	0	0	0	0	2	0	0	0	2	2	100	
	HND	1	0	0	0	0	0	0	1	0	0	0	1	0	0	
	HTI	11	7	0	0	0	0	0	1	3	0	0	25	4	3	100
	JAM	1	0	0	0	0	0	0	0	1	0	0	0	1	1	100
	NIC	30	8	0	0	0	0	0	1	21	0	0	5	22	22	36
PAN	11	2	0	0	0	0	0	0	9	0	0	0	9	9	89	
CDC	BOL	35	0	0	0	0	0	6	29	0	0	17	35	35	0	
	CRI	9	0	0	5	0	0	0	4	0	0	0	4	4	25	
	GTM	68	18	0	2	0	0	0	48	0	0	0	48	48	15	
	HND	30	0	0	0	0	0	2	27	0	0	7	29	29	93	
	PRY	40	5	0	1	1	0	2	31	0	0	9	34	34	71	
SLV	38	0	1	3	0	0	0	34	0	0	0	34	34	0		
FIO	BRA	339	4	0	10	6	0	9	310	0	0	5	325	324	47	
	PER	27	0	0	0	1	0	0	26	0	0	4	27	27	78	
IEC	BRA	64	3	0	3	2	0	2	54	0	0	7	58	57	61	
INDRE	MEX	517	0	0	13	0	0	56	448	0	0	11	504	501	100	
INH	VEN	111	11	0	1	0	0	3	96	0	0	3	99	99	27	
INS	COL	152	1	5	0	0	0	7	139	0	0	5	146	146	90	
INS	ECU	25	0	0	0	0	0	0	24	0	0	0	24	24	83	
IPK	CUB	17	0	0	1	0	0	4	12	0	0	25	16	16	81	
ISP	CHL	39	0	0	0	0	0	1	38	0	0	3	38	38	87	
MAL	ARG	76	0	0	0	0	0	4	72	0	0	5	76	75	77	
(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	9	9	0	0	0	0	0	0	0	0	0	0	0	0	
PER	10	10	0	0	0	0	0	0	0	0	0	0	0	0		
Total		1692	104	6	39	10	0	98	1433	0	0	7	1540	1532	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 2022/17 - 2023/16

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
FIO	BRA	8	2	0	5	0	0	0	0	0	0	0	6	6	50	83	83
FIO	PER	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
IEC	BRA	2	0	0	2	0	0	0	0	0	0	0	2	2	100	100	100
CDC	USA*	2	0	0	0	0	2	0	0	0	0	0	2	2	100	100	100
Total		14	2	0	8	0	2	0	0	0	0	1	11	11	73	82	82