

Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 10 September 2022

Table No.1
Expected and reported AFP cases, 2022

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2022/36
AND	BOL	3,530,417	35	13
	COL	11,121,585	111	99
	ECU	4,880,846	49	13
	PER	8,247,308	82	22
	VEN	7,603,501	76	61
BRA	BRA	43,505,408	435	272
CAP	CRI	1,053,428	11	5
	GTM	6,033,767	60	40
	HND	3,026,923	30	27
	NIC	1,946,204	19	19
	PAN	1,156,102	12	10
	SLV	1,704,629	17	25
CAR	CAR	1,798,300	18	0
LAC	CUB	1,766,424	18	9
	DOM	2,973,499	30	5
	HTI	3,707,407	37	4
MEX	MEX	33,108,878	331	395
NOA	CAN	6,016,679	60	2
	USA*	60,604,372	606	1
SOC	ARG	11,095,716	111	20
	CHL	3,626,085	36	29
	PRY	2,070,528	21	24
	URY	703,696	7	0
Total		221,281,702	2212	1095

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

Country	Total 2021	Cumm. 2022	Week											
			1-28	29	30	31	32	33	34	35	36			
BOL	0	13	10	0	0	0	1	1	0	1	0	...	...
COL	0	9	0	0	0	0	0	0	0	5	3	1	...	
ECU	2	10	10	0	0	0	0	0	0	...	...	...	...
PER	1	12	12	0	0	0	0	0	0	0	0	...	...
VEN	1	25	24	1	0	0	0	0	0	...	...	...	...
BRA	0	68	54	8	4	2	0	...	...	...	...	...	...
CRI	0	4	4	0	0	0	0	...	...	...	...	...	...
GTM	10	25	21	1	1	0	2	0	0	0	0	0	0	
HND	1	8	3	0	1	2	1	0	1	0	0	0	0	
NIC	0	12	8	0	0	3	0	0	1	0	...	...	...
PAN	0	7	7	0	0	0	0	0	0	0	0	0	0	
SLV	0	7	4	2	0	0	0	1	0	0	0	0	0	
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	1	1	...	...	...	...	...	...	...	...	...	...
DOM	1	5	4	0	0	0	0	1	0	0	0	0	0	
HTI	11	4	4	0	0	0	0	0	0	0	0	0	0	
MEX	0	2	0	0	0	0	0	0	0	1	1	...	...
CAN	0	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	0	0	
CHL	0	0	0	0	0	0	0	0	0	0	0	...	...
PRY	0	2	0	0	0	0	0	0	2	0	0	0	0	
URY	0	...	...	...	...	...	...	...	...	...	...	...	...
Total	28	214	166	12	6	7	4	3	9	5	2	...	...

* 2022 UN population estimated Rev.2019 NR - No reporting

... - No data

* cVDPV2 case in the USA in a 20-year-old

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2022 and 2021

Sub Region	Country	Polio 2022		AFP Cases and indicators, last 52 weeks (2021/37 - 2022/36)					Polio 2021		AFP Cases and indicators, 2021 (2021/1 - 2021/52)				
		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	19	0.54	100	79	...	0	0	18	0.51	100	89	...
	COL	0	0	152	1.35	78	90	88	0	0	133	1.19	72	87	28
	ECU	0	0	29	0.59	79	62	...	0	0	30	0.62	73	53	...
	PER	0	0	33	0.40	58	58	5	0	0	35	0.43	40	51	5
	VEN	0	0	89	1.17	100	81	...	0	7	105	1.38	99	75	...
BRA	BRA	0	0	357	0.82	99	62	89	0	0	285	0.65	99	58	91
CAP	CRI	0	0	10	0.95	80	80	100	0	0	10	0.95	70	80	100
	GTM	0	0	55	0.91	100	69	80	0	0	48	0.80	100	56	93
	HND	0	0	42	1.39	76	90	86	0	0	46	1.52	74	89	92
	NIC	0	0	25	1.28	88	92	...	0	0	13	0.67	92	92	...
	PAN	0	0	15	1.30	47	67	...	0	0	10	0.87	60	80	90
	SLV	0	0	41	2.39	59	100	13	0	0	38	2.22	58	95	5
CAR	CAR	0	0	1	0.06	...	...	61	0	0	3	0.17	...	67	59
LAC	CUB	0	0	19	1.07	53	89	100	0	0	19	1.07	95	84	85
	DOM	0	0	9	0.30	11	...	...	0	0	5	0.17	...	...	...
	HTI	0	0	6	0.16	100	50	96	0	0	10	0.27	80	60	94
MEX	MEX	0	0	560	1.69	100	85	19	0	0	517	1.56	99	81	22
NOA	CAN	0	0	4	0.07	...	...	...	0	0	8	0.13	...	...	...
SOC	USA*	1	NR	NR	NR	NR	100	NR	NR	NR	NR	NR	NR	NR	NR
	ARG	0	0	58	0.52	5	55	...	0	0	112	1.01	6	44	...
	CHL	0	0	44	1.20	86	73	72	0	0	50	1.37	98	44	65
	PRY	0	0	33	1.59	94	91	95	0	0	26	1.26	96	81	93
	URY	0	0	...	...	...	...	...	0	0	0	...	...	...	...
Total §		1	0	1601	1.00	89	77	...	0	7	1521	0.94	85	71	...

+ Taken within 14 days of onset of paralysis

... - No data

CAR includes reports from all CARPHA member countries

§ Excluding USA

* cVDPV2 case in the USA in a 20-year-old

NR - No reporting

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 2021/37 - 2022/36

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	1	0	0	0	0	0	0	0	0	0	0	0
	HND	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HTI	6	0	0	0	0	0	0	6	0	0	0	6	5	60	
	NIC	25	13	0	0	0	0	1	11	0	0	8	12	12	100	
	PAN	14	6	0	0	2	0	1	5	0	0	38	8	8	100	
CDC	BOL	10	0	0	0	0	0	0	10	0	0	0	10	10	0	
	CRI	10	0	0	4	0	0	0	6	0	0	0	6	6	0	
	GTM	53	19	0	10	0	0	0	24	0	0	0	24	24	0	
	HND	33	0	0	0	0	0	0	33	0	0	0	33	33	94	
	PRY	33	2	0	0	0	0	1	30	0	0	3	31	31	58	
	SLV	41	0	0	8	0	0	0	33	0	0	0	33	33	0	
	USA	2	0	0	0	2	0	0	0	0	0	0	2	2	2	
FIO	BRA	252	12	0	13	2	0	5	220	0	0	3	227	226	68	
	PER	19	0	0	1	0	0	0	18	0	0	0	18	18	94	
IEC	BRA	41	3	0	0	0	0	0	38	0	0	0	38	37	43	
INDRE	MEX	490	7	7	4	0	0	55	417	0	0	12	472	471	99	
INH	VEN	83	46	0	1	1	0	1	34	0	0	6	36	35	14	
INS	COL	151	0	9	0	0	0	7	135	0	0	5	142	142	98	
INS	ECU	18	1	0	0	0	0	0	17	0	0	0	17	17	88	
	VEN	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
IPK	CUB	19	0	0	1	0	0	0	18	0	0	0	18	13	100	
ISP	CHL	39	0	0	0	0	0	1	38	0	0	3	38	38	87	
MAL	ARG	52	0	0	0	0	0	2	50	0	0	4	52	34	68	
(no lab. Name)	BOL	8	8	0	0	0	0	0	0	0	0	0	0	0	0	
	ECU	9	9	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	9	8	0	0	0	0	0	1	0	0	0	1	1	0	
Total		1429	144	16	43	7	0	74	1145	0	0	6	1225	1197	80	

... 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 2021/37 – 2022/36

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	2	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-
FIO	BRA	2	2	0	2	0	0	0	0	0	0	0	2	2	100	100	100
INH	VEN	1	1	0	0	0	0	0	0	0	0	0	1	1	0	100	100
CDC	USA	2	0	0	0	0	2*	0	0	0	0	0	2	2	100	100	100
Total		5	3	0	2	0	0	0	0	0	0	2	3	3	67	100	100

* VDPV2 confirmed by sequencing.