

Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 31 December 2022

Table No.1
Expected and reported AFP cases, 2022

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2022/52
AND	BOL	3,530,417	35	32
	COL	11,121,585	111	149
	ECU	4,880,846	49	27
	PER	8,247,308	82	38
	VEN	7,603,501	76	107
BRA	BRA	43,505,408	435	446
CAP	CRI	1,053,428	11	10
	GTM	6,033,767	60	60
	HND	3,026,923	30	38
	NIC	1,946,204	19	24
	PAN	1,156,102	12	14
	SLV	1,704,629	17	35
CAR	CAR	1,798,300	18	1
LAC	CUB	1,766,424	18	29
	DOM	2,973,499	30	7
	HTI	3,707,407	37	14
MEX	MEX	33,108,878	331	618
NOA	CAN	6,016,679	60	2
	USA	60,604,372	606	NR
SOC	ARG	11,095,716	111	100
	CHL	3,626,085	36	48
	PRY	2,070,528	21	39
	URY	703,696	7	0
Total		221,281,702	2212	1838

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

Country	Total 2021	Cumm. 2022	Week											
			1-44	45	46	47	48	49	50	51	52			
BOL	0	17	6	4	0	3	2	2	0	0	...			
COL	0	8	0	0	0	0	0	0	3	3	2			
ECU	0	11	11	0	0	0	0	0	0	0	0			
PER	1	23	22	0	0	1	0	0	0	0	0			
VEN	0	27	25	1	1	0	0	0	...	...	...
BRA	0	135	129	1	1	2	1	1	0	...	...	
CRI	0	0	0	...	...	...	...	...	...	...	...
GTM	10	24	19	0	2	0	0	0	2	1	0			
HND	0	9	2	1	0	0	0	2	2	2	0			
NIC	0	4	4	0	0	0	0	0	0	...	...	
PAN	0	11	11	...	...	...	...	...	...	...	...
SLV	0	8	7	0	0	0	0	1	0	0	0			
CAR	0	1	1	0	0	0	0	0	0	0	0			
CUB	0	1	0	0	0	0	0	0	1	0	0			
DOM	1	7	7	0	0	0	0	0	0	0	0			
HTI	12	14	10	0	2	0	0	1	1	0	0			
MEX	0	9	1	1	0	1	2	0	0	4	0			
CAN	0	0	0	...	...	...	...	...	...	...	...
USA	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	0	0	0	0	0	0	0	0	0	0			
PRY	0	15	9	2	0	1	0	2	1	0	0			
URY	0	...	...	...	...	...	...	...	...	...	...
Total	25	324	264	10	6	8	5	9	10	10	2			

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

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 (2022/1 - 2022/52)					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	32	0.91	97	78	...	0	0	18	0.51	100	89	...
	COL	0	0	149	1.34	77	90	92	0	0	133	1.19	72	87	97
	ECU	0	0	27	0.55	81	63	...	0	0	30	0.62	73	53	...
	PER	0	0	38	0.46	61	45	6	0	0	35	0.43	40	51	5
	VEN	0	1	107	1.41	99	88	...	0	6	103	1.35	99	77	...
BRA	BRA	0	0	446	1.03	98	60	86	0	0	285	0.65	99	58	91
CAP	CRI	0	0	10	0.95	90	90	100	0	0	10	0.95	70	80	100
	GTM	0	0	60	0.99	100	57	74	0	0	48	0.80	100	56	93
	HND	0	0	38	1.26	82	89	83	0	0	45	1.49	76	91	92
	NIC	0	0	24	1.23	88	92	...	0	0	13	0.67	92	92	...
	PAN	0	0	14	1.21	36	71	...	0	0	10	0.87	60	80	90
	SLV	0	0	35	2.05	66	100	15	0	0	1	0.06	100	100	5
CAR	CAR	0	0	1	0.06	...	...	59	0	0	3	0.17	...	67	59
LAC	CUB	0	0	29	1.64	69	97	100	0	0	19	1.07	95	84	85
	DOM	0	0	7	0.24	29	...	...	0	0	5	0.17	...	...	...
	HTI	0	0	14	0.38	86	50	96	0	0	10	0.27	80	60	94
MEX	MEX	0	0	618	1.87	100	88	18	0	0	517	1.56	99	81	21
NOA	CAN	0	0	2	0.03	...	...	...	0	0	8	0.13	...	...	...
SOC	USA*	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	ARG	0	0	100	0.90	63	57	...	0	0	114	1.03	8	43	37
	CHL	0	0	48	1.32	71	81	73	0	0	50	1.37	98	44	65
	PRY	0	0	39	1.88	97	95	97	0	0	26	1.26	96	81	93
	URY	0	0	...	...	...	...	...	0	0	...	...	...	...	...
Total		1	1	1838	1.14	91	77	...	0	6	1483	0.92	85	70	...

* 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 2022/1 - 2022/52

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	14	7	0	0	0	0	1	6	0	0	14	7	6	67	
	NIC	24	4	0	0	0	0	1	19	0	0	5	20	20	30	
	PAN	10	6	0	0	2	0	0	2	0	0	50	4	4	100	
CDC	BOL	15	1	0	0	0	0	2	12	0	0	14	14	14	0	
	CRI	10	0	0	3	0	0	0	7	0	0	0	7	7	29	
	GTM	60	17	0	5	0	0	0	38	0	0	0	38	38	0	
	HND	28	0	0	0	0	0	2	26	0	0	7	28	28	93	
	PRY	40	8	0	8	0	0	1	23	0	0	4	24	24	71	
	SLV	35	0	0	7	0	0	0	28	0	0	0	28	28	0	
FIO	BRA	305	21	0	19	3	0	6	256	0	0	3	265	265	63	
	PER	11	1	0	1	0	0	0	9	0	0	0	9	9	89	
IEC	BRA	51	4	0	3	1	0	0	43	0	0	2	44	43	56	
INDRE	MEX	560	18	0	2	0	0	63	477	0	0	12	540	531	99	
INH	VEN	107	22	0	1	1	0	4	79	0	0	6	84	84	11	
INS	COL	149	0	5	3	0	0	7	134	0	0	5	141	141	94	
INS	ECU	21	4	0	0	0	0	0	17	0	0	0	17	17	88	
IPK	CUB	29	0	0	1	0	0	6	22	0	0	21	28	28	89	
ISP	CHL	50	0	0	0	0	0	1	49	0	0	2	49	49	88	
MAL	ARG	98	0	0	0	0	0	6	92	0	0	6	98	95	76	
(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	10	10	0	0	0	0	0	0	0	0	0	0	0	0	
	PAN	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	17	17	0	0	0	0	0	0	0	0	0	0	0	0	
Total		1680	173	5	53	7	0	100	1342	0	0	7	1448	1434	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 2022/1 - 2022/52

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	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		9	2	0	4	0	2	0	0	0	0	2	7	7	71	71	71