



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 36, No. 48

Week ending 4 December 2021

Table No.1
Expected and reported AFP cases, 2021

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2021/48
AND	BOL	3,526,569	35	14
	COL	11,220,515	112	111
	ECU	4,859,863	49	16
	PER	8,230,772	82	26
	VEN	7,616,917	76	66
BRA	BRA	43,762,925	438	184
CAP	CRI	1,057,485	11	10
	GTM	6,001,279	60	37
	HND	3,029,636	30	39
	NIC	1,950,921	20	11
	PAN	1,149,713	11	5
	SLV	1,714,809	17	25
CAR	CAR	1,804,761	18	2
LAC	CUB	1,780,418	18	0
	DOM	2,976,041	30	3
	HTI	3,705,736	37	8
MEX	MEX	33,200,376	332	480
NOA	CAN	5,995,721	60	2
	USA	60,736,996	607	NR
SOC	ARG	11,069,782	111	3
	CHL	3,653,033	37	22
	PRY	2,067,080	21	24
	URY	704,702	7	0
Total		221,816,050	2219	1088

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

Country	Total 2020	Cumm. 2021	Week										
			1-40	41	42	43	44	45	46	47	48		
BOL	0	9	8	1	0	0	0	0	0	0	...	...
COL	0	4	0	0	0	0	1	2	1	0	0	...	
ECU	0	12	11	0	0	1	0	0	0	0	0	0	
PER	0	7	6	1	0	0	0	0	0	0	0	0	
VEN	0	25	23	1	1	0	0	0	0	0	0	0	
BRA	0	62	59	2	0	1	0	...	...	...	...	...
CRI	2	9	6	0	0	0	3	0	0	0	0	0	
GTM	0	8	2	0	0	1	2	0	2	0	0	1	
HND	0	7	2	0	3	0	0	1	1	0	0	0	
NIC	0	3	1	0	0	0	1	0	1	0	0	...	
PAN	0	4	4	0	0	0	...	...	...	...	...	...
SLV	0	7	5	0	2	0	0	0	0	0	0	...	
CAR	0	1	1	0	0	0	0	0	0	0	0	...	
CUB	0	0	0	...	...	...	...	...	...	...	...	...
DOM	1	3	2	1	0	0	0	0	0	0	0	...	
HTI	7	9	9	0	0	0	0	0	0	0	0	0	
MEX	1	2	0	0	0	0	0	0	0	0	2	0	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	1	1	0	0	0	0	0	0	0	0	0	
CHL	0	0	0	0	0	0	0	0	0	0	0	0	
PRY	0	6	0	1	1	3	0	0	0	0	0	1	
URY	1	0	0	...	...	...	...	...	...	...	...	...
Total	12	179	140	7	7	6	7	3	5	2	2	2	

* UN population estimated for 2019 NR - No reporting ... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2021 and 2020

Sub Region	Country	Polio 2021		AFP Cases and indicators, last 52 weeks (2020/50 - 2021/48)					Polio 2020		AFP Cases and indicators, 2020 (2020/1 - 2020/53)				
		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	16	0.45	100	81	0	0	0	16	0.45	100	75	0
	COL	0	0	115	1.02	71	89	96	0	0	97	0.86	72	80	98
	ECU	0	0	18	0.37	61	44	0	0	0	21	0.43	81	71	0
	PER	0	0	27	0.33	41	41	0	0	0	45	0.55	64	69	6
	VEN	0	0	74	0.95	96	57	0	0	5	76	0.98	97	66	0
BRA	BRA	0	0	195	0.44	99	56	91	0	0	249	0.57	98	67	94
CAP	CRI	0	0	10	0.95	70	70	72	0	0	15	1.41	93	93	100
	GTM	0	0	40	0.67	100	58	95	0	0	38	0.64	79	74	100
	HND	0	0	41	1.35	85	90	92	0	0	50	1.65	82	90	91
	NIC	0	0	12	0.61	92	100	100	0	0	18	0.92	89	78	100
	PAN	0	0	7	0.61	86	86	89	0	0	11	0.96	55	100	86
	SLV	0	0	26	1.51	62	92	6	0	0	17	0.99	47	94	9
CAR	CAR	0	0	3	0.17	33	33	58	0	0	4	0.22	50	25	72
LAC	CUB	0	0	4	0.22	100	75	100	0	0	21	1.16	81	95	100
	DOM	0	0	3	0.10	0	...	0	0	0	11	0.37	9	55	0
	HTI	0	0	8	0.22	75	75	92	0	0	8	0.22	50	38	92
MEX	MEX	0	0	482	1.45	99	80	26	0	0	474	1.42	99	82	27
NOA	CAN	0	0	2	0.03	...	...	...	0	0	7	0.12	...	29	...
SOC	USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	ARG	0	0	8	0.07	13	63	0	0	0	86	0.78	34	74	0
	CHL	0	0	30	0.82	93	73	64	0	0	60	1.63	85	48	47
	PRY	0	0	27	1.31	89	78	95	0	0	19	0.92	89	63	92
	URY	0	0	1	0.14	...	100	...	0	0	1	0.14	...	100	...
Total §		0	0	1149	0.71	91	73	...	0	5	1344	0.83	86	75	...

+ Taken within 14 days of onset of paralysis
§ Excluding USA

... - No data
NR - No reporting

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 Weekly Bulletin can be accessed at: <https://www.paho.org/en/polio-weekly-bulletin>



Table No.1
Virus isolation results and indicators, last 52 weeks
Epidemiological weeks 2020/50 - 2021/48

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	DOM	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HTI	9	2	0	1	1	0	0	5	0	0	17	6	5	60	
	NIC	16	2	0	0	0	2	1	11	0	0	8	14	14	100	
	PAN	7	4	0	0	0	0	0	3	0	0	0	3	3	100	
CDC	BOL	5	4	0	0	0	0	0	1	0	0	0	1	1	100	
	CRI	7	3	0	2	0	0	0	2	0	0	0	2	2	0	
	GTM	40	6	0	0	0	0	5	29	0	0	15	34	27	11	
	HND	35	0	0	0	0	0	1	34	0	0	3	35	35	100	
	HTI	1	0	0	0	0	0	1	0	0	0	100	1	1	0	
	PRY	26	6	0	0	0	0	0	20	0	0	0	20	20	90	
SLV	26	0	0	3	0	0	0	23	0	0	0	23	23	0		
FIO	BRA	116	11	0	9	0	1	0	95	0	0	0	96	96	93	
	PER	9	2	0	0	0	0	0	7	0	0	0	7	7	57	
IEC	BRA	29	7	0	1	0	0	0	21	0	0	0	21	19	47	
INDRE	MEX	414	0	13	3	0	0	46	352	0	0	12	398	397	99	
INH	VEN	55	11	0	0	0	0	3	41	0	0	7	44	43	51	
INS	COL	110	0	4	0	0	0	1	105	0	0	1	106	106	82	
INS	ECU	7	0	0	0	0	0	0	7	0	0	0	7	7	14	
IPK	CUB	4	0	0	0	0	0	0	4	0	0	0	4	4	100	
ISP	CHL	26	0	0	0	0	0	0	26	0	0	0	26	26	92	
MAL	ARG	6	0	0	0	0	0	0	6	0	0	0	6	6	67	
(no lab. name)	BOL	12	12	0	0	0	0	0	0	0	0	0	0	0	0	
	CRI	4	3	0	1	0	0	0	0	0	0	0	0	0	0	
	ECU	6	6	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	7	7	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	8	8	0	0	0	0	0	0	0	0	0	0	0	0	
	URY	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
VEN	3	3	0	0	0	0	0	0	0	0	0	0	0	0		
Total		990	97	17	21	1	3	58	793	0	0	7	855	843	85	

... 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 2020/50 - 2021/48

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	HTI	1	1	0	1	0	0	0	0	0	0	0	1	1	100	100	100
	NIC	1	0	0	0	0	0	0	0	0	0	1	0	-	-	-	
FIO	BRA	1	1	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		3	2	0	2	0	0	0	0	0	0	1	2	2	100	100	100