



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 2 January 2021

Table No.1
Expected and reported AFP cases, 2020

Sub Region	Country	Population <15 years+	Expected AFP cases	Reported AFP cases 2020/53
AND	BOL	3,518,376	35	12
	COL	11,297,750	113	87
	ECU	4,771,737	48	16
	PER	8,826,539	88	44
	VEN	8,801,443	88	47
BRA	BRA	45,418,678	454	215
CAP	CRI	1,056,871	11	14
	GTM	6,149,723	61	33
	HND	2,490,741	25	48
	NIC	1,788,084	18	16
	PAN	1,089,927	11	8
	SLV	1,565,217	16	14
CAR	CAR	1,739,441	17	4
LAC	CUB	1,742,844	17	16
	DOM	3,144,441	31	10
	HTI	3,631,337	36	7
MEX	MEX	34,611,688	346	472
NOA	CAN	6,045,577	60	7
	USA	61,851,315	NR	NR
SOC	ARG	11,041,661	110	60
	CHL	3,567,505	36	35
	PRY	2,017,183	20	17
	URY	722,459	7	0
Total		226,890,537	1648	1182

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

Country	Total 2019	Cumm. 2020	Week										
			1-45	46	47	48	49	50	51	52	53		
BOL	0	5	5	0	0	...	...	...	...	...	...	...	...
COL	1	7	7	0	...	...	...	...	...	...	...	...	...
ECU	9	9	9	...	...	...	...	...	...	...	...	...	...
PER	0	9	8	0	1	0	0	0	0	0	0	0	0
VEN	0	24	24	...	...	...	...	...	...	...	...	...	...
BRA	0	57	48	2	0	3	2	2	0	0	0	...	...
CRI	0	2	0	1	0	0	1	0	0	0	0	...	...
GTM	1	3	3	0	0	0	0	0	0	0	0	...	...
HND	0	10	7	0	0	3	0	0	0	0	0	0	0
NIC	0	9	8	0	0	0	1	...	...	...	...	...	...
PAN	0	1	1	...	...	...	...	...	...	...	...	...	...
SLV	0	3	2	0	0	1	0	0	0	0	0	...	...
CAR	0	2	2	0	0	0	0	0	...	...	...	...	...
CUB	0	9	8	0	1	0	0	0	...	...	...	...	...
DOM	1	10	10	0	0	0	0	0	...	...	...	...	...
HTI	4	8	6	1	1	0	0	0	0	0	0	...	...
MEX	19	1	1	0	0	0	0	0	0	0	0	...	...
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	...	...	...	...	...	...
CHL	0	2	1	0	0	0	1	0	0	0	0	...	...
PRY	0	9	6	1	1	0	0	0	1	0	0	0	0
URY	4	0	0	...	...	...	...	...	...	...	...	...	...
Total	39	180	156	5	4	7	4	3	1	0	0	0	0

*As reported by countries

NR - No reporting

... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2020 and 2019

Sub Region	Country	Polio 2020		AFP Cases and indicators, last 52 weeks (2020/2 - 2020/53)					Polio 2019		AFP Cases and indicators, 2019 (2019/1 - 2019/52)				
		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	12	0.34	100	83	...	0	0	24	0.68	92	79	...
	COL	0	0	86	0.76	76	...	97	0	0	149	1.31	75	83	97
	ECU	0	0	15	0.31	80	60	...	0	0	52	1.08	73	67	...
	PER	0	0	39	0.48	59	67	6	0	0	123	1.50	75	67	6
	VEN	0	0	45	0.58	93	49	...	0	2	102	1.31	99	73	...
BRA	BRA	0	0	210	0.47	99	62	95	0	1	449	1.01	98	64	96
CAP	CRI	0	0	14	1.32	93	93	100	0	0	16	1.50	94	81	99
	GTM	0	0	32	0.54	75	72	100	0	1	71	1.19	85	77	100
	HND	0	0	48	1.58	81	90	91	0	0	46	1.51	67	93	90
	NIC	0	0	14	0.72	93	79	100	0	0	25	1.28	100	100	100
	PAN	0	0	8	0.70	25	100	88	0	0	6	0.53	67	100	88
	SLV	0	0	14	0.81	50	93	10	0	0	34	1.96	50	91	13
CAR	CAR	0	0	4	0.22	50	25	72	0	0	8	0.44	100	88	83
LAC	CUB	0	0	16	0.88	81	100	100	0	0	28	1.54	75	93	100
	DOM	0	0	9	0.30	11	44	...	0	0	25	0.84	28	92	...
	HTI	0	0	7	0.19	43	43	94	0	0	14	0.38	86	43	85
MEX	MEX	0	0	462	1.38	99	82	37	0	0	840	2.51	100	88	35
NOA	CAN	0	0	5	0.08	...	20	...	0	0	26	0.44	...	38	...
	USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SOC	ARG	0	0	60	0.54	30	85	...	0	0	183	1.66	29	73	100
	CHL	0	0	34	0.92	35	3	48	0	0	62	1.68	89	68	90
	PRY	0	0	17	0.83	94	65	96	0	0	26	1.26	88	92	93
	URY	0	0	0	...	...	...	...	0	0	8	1.13	100	...	...
Total §		0	0	1151	0.74	85	67	...	0	4	2317	1.48	86	78	...

+ Taken within 14 days of onset of paralysis

... - No data
NR - No reporting

CAR includes reports from all CARPHA member countries

§ Excluding USA

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: <http://www.paho.org/immunization/PolioBulletin>



Table No.1
Virus isolation results and indicators, last 52 weeks
Epidemiological weeks 2020/2 - 2020/53

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	1	0	0	0	0	0	0	1	0	0	0	0	1	1	100
	DOM	3	2	0	0	1	0	0	0	0	0	100	1	1	100	
	HND	2	0	0	0	0	0	0	2	0	0	0	2	2	100	
	HTI	8	5	0	0	0	0	0	1	2	0	0	33	3	3	67
	JAM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	NIC	22	17	0	0	0	0	0	1	4	0	0	20	5	5	100
	PAN	7	1	0	0	0	0	0	0	6	0	0	0	6	6	100
CDC	BOL	11	2	0	9	0	0	0	0	0	0	0	0	0	0	0
	CRI	24	2	0	1	0	0	1	20	0	0	5	21	21	52	
	GTM	31	3	0	0	0	0	4	24	0	0	14	28	26	0	
	HND	35	0	0	0	0	0	1	34	0	0	3	35	35	100	
	PAN	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	PRY	14	6	0	0	0	0	1	7	0	0	13	8	8	75	
	SLV	14	0	0	3	0	0	0	11	0	0	0	11	11	0	
FIO	BRA	140	15	0	10	2	0	2	111	0	0	3	115	115	70	
	PER	32	6	0	1	0	0	0	25	0	0	0	25	24	92	
IEC	BRA	16	7	0	1	1	0	0	7	0	0	13	8	8	38	
INDRE	MEX	389	3	0	10	2	0	41	335	0	0	11	378	377	98	
INH	VEN	30	11	0	0	0	0	3	16	0	0	16	19	19	11	
INS	ECU	4	1	0	3	0	0	0	0	0	0	0	0	0	0	
IPK	CUB	16	8	0	1	0	0	0	7	0	0	0	7	7	71	
ISP	CHL	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
MAL	ARG	55	0	0	0	0	0	1	54	0	0	2	55	52	85	
(no lab. name)	BOL	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	CAN	1	0	0	0	0	0	0	1	0	0	0	1	0	0	
	DOM	3	0	0	0	1	0	0	2	0	0	33	3	3	100	
	ECU	9	3	0	6	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	
	JAM	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	4	4	0	0	0	0	0	0	0	0	0	0	0	0	
	PRY	1	1	0	0	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		891	114	0	45	7	0	56	671	0	0	9	734	726	83	

... 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 2020/2 - 2020/53

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						
	DOM	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
CAR	DOM	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
FIO	BRA	3	1	0	3	0	0	0	0	0	0	0	4	4	50	50	75
IEC	BRA	0	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
INDRE	MEX	2	1	0	1	0	0	0	0	0	0	0	2	2	100	100	100
Total		7	2	0	4	0	0	0	0	0	0	3	6	6	67	67	83