



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 21 March 2020

Table No.1

Expected and reported AFP cases, 2020

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2020/12
AND	BOL	3,518,376	35	2
	COL	11,297,750	113	0
	ECU	4,771,737	48	0
	PER	8,826,539	88	23
	VEN	8,801,443	88	4
BRA	BRA	45,418,678	454	26
CAP	CRI	1,056,871	11	0
	GTM	6,149,723	61	10
	HND	2,490,741	25	8
	NIC	1,788,084	18	5
	PAN	1,089,927	11	1
SLV	SLV	1,565,217	16	0
	CAR	CAR	1,739,441	17	1
LAC	CUB	1,742,844	17	2
	DOM	3,144,441	31	0
	HTI	3,631,337	36	0
MEX	MEX	34,611,688	346	176
NOA	CAN	6,045,577	60	0
	USA	61,851,315	NR	NR
SOC	ARG	11,041,661	110	20
	CHL	3,567,505	36	2
	PRY	2,017,183	20	3
	URY	722,459	7	0
Total		226,890,537	1648	283

Table No.2

AFP cases under investigation (All ages)

Country	Total 2019	Cumm. 2020	Week											
			1-4	5	6	7	8	9	10	11	12			
BOL	4	2	0	1	1	0	0	0	0	0	...	...
COL	0	0	0	0	0	0	0	0	0	0	0	0		
ECU	5	...	...	...	...	...	...	...	...	...	...	...
PER	38	24	9	3	0	9	2	1	0	0	0	0		
VEN	31	4	3	1	0	0	0	0	0	0	0	...		
BRA	1	14	7	0	1	2	2	0	0	0	2	0		
CRI	0	0	0	0	0	0	0	0	0	0	0	0		
GTM	15	11	6	1	1	0	2	0	1	0	0	0		
HND	2	8	1	1	0	3	2	0	0	1	0	0		
NIC	0	4	1	0	1	0	0	0	2	...	...	...
PAN	0	1	1	0	0	0	0	0	...	...	...	...
SLV	2	0	0	...	...	...	...	...	...	...	...	...
CAR	1	3	1	1	0	0	1	0	0	0	0	0		
CUB	3	2	2	0	0	0	0	0	0	0	0	...		
DOM	1	0	0	0	0	0	0	0	0	0	0	0		
HTI	20	0	0	0	0	0	0	0	0	0	0	0		
MEX	19	0	0	0	0	0	0	0	0	0	0	...		
CAN	0	0	0	0	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
ARG	3	0	0	0	0	0	0	0	0	0	0	0		
CHL	8	0	0	0	0	0	0	0	0	0	0	0		
PRY	0	1	0	0	0	0	0	0	0	1	0	0		
URY	4	0	0	0	0	...	...	...	...	...	...	...
Total	157	74	31	8	4	14	9	1	4	3	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 (2019/13 - 2020/12)					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	20	0.57	75	90	...	0	0	24	0.68	75	83	...
	COL	0	0	45	0.40	62	98	97	0	0	76	0.67	67	95	97
	ECU	0	0	12	0.25	92	83	0	0	0	22	0.46	82	86	...
	PER	0	0	127	1.44	73	69	6	0	0	121	1.37	74	67	6
	VEN	0	0	96	1.09	100	58	...	0	0	101	1.15	100	60	...
BRA	BRA	0	0	384	0.85	99	65	87	0	1	448	0.99	98	64	96
CAP	CRI	0	0	14	1.32	93	79	99	0	0	16	1.51	94	81	99
	GTM	0	0	69	1.11	88	75	100	0	1	71	1.15	85	75	100
	HND	0	0	44	1.77	75	95	91	0	0	46	1.85	67	93	90
	NIC	0	0	21	1.17	95	100	100	0	0	25	1.40	100	100	100
	PAN	0	0	7	0.64	71	100	87	0	0	6	0.55	67	100	88
	SLV	0	0	26	1.66	58	88	13	0	0	32	2.04	53	91	15
CAR	CAR	0	0	1	0.06	...	...	80	0	0	2	0.11	100	100	83
LAC	CUB	0	0	25	1.43	76	92	100	0	0	28	1.61	75	93	100
	DOM	0	0	23	0.73	22	96	...	0	0	25	0.80	28	92	...
	HTI	0	0	11	0.30	82	45	88	0	0	14	0.39	86	43	86
MEX	MEX	0	0	889	2.57	99	87	51	0	0	840	2.43	100	88	48
NOA	CAN	0	0	6	0.10	...	67	...	0	0	9	0.15	...	56	...
	USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SOC	ARG	0	0	169	1.53	29	77	100	0	0	183	1.66	29	73	100
	CHL	0	0	54	1.51	83	70	89	0	0	61	1.71	84	67	94
	PRY	0	0	23	1.14	83	91	94	0	0	26	1.29	88	88	94
	URY	0	0	6	0.83	100	...	...	0	0	8	1.11	100	...	...
Total §		0	0	2072	1.23	87	79	-	0	2	2184	1.30	86	78	...

+ Taken within 14 days of onset of paralysis

... - No data

CAR includes reports from all CARPHA member countries

§ Excluding USA

NR - No reporting

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 2019/13 - 2020/12

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	22	0	0	0	0	0	2	20	0	0	9	22	22	95	
	HTI	11	6	0	0	0	0	0	5	0	0	0	5	5	100	
	NIC	21	2	0	0	0	0	2	17	0	0	11	19	19	58	
	PRY	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
CDC	CRI	14	0	0	0	0	0	8	6	0	0	57	14	14	29	
	GTM	68	26	0	2	0	0	14	26	0	0	35	40	37	30	
	HND	34	0	0	1	0	0	2	31	0	0	6	33	32	97	
	PAN	7	1	0	0	0	0	4	2	0	0	67	6	6	0	
	PRY	22	1	0	0	0	0	4	17	0	0	19	21	21	19	
SLV	25	0	0	1	0	0	0	24	0	0	0	24	24	0		
FIO	BRA	286	3	0	13	3	0	8	259	0	0	4	270	269	76	
	PER	102	29	0	0	0	0	3	69	0	0	4	72	72	86	
IEC	BRA	39	0	0	1	0	0	3	35	0	0	8	38	38	74	
INDRE	MEX	794	1	14	37	1	0	68	674	0	0	9	743	741	99	
INH	VEN	74	17	0	5	2	0	8	40	0	0	20	50	48	23	
INS	COL	45	0	0	0	0	0	4	41	0	0	9	45	45	89	
INS	ECU	10	3	0	0	0	0	0	7	0	0	0	7	7	86	
IPK	CUB	25	0	0	5	0	0	1	19	0	0	5	20	20	95	
ISP	CHL	47	0	0	0	0	0	0	47	0	0	0	47	47	96	
MAL	ARG	149	0	0	4	3	0	12	130	0	0	10	145	141	66	
	BOL	18	2	0	2	0	0	0	14	0	0	0	14	8	13	
(no lab. name)	BOL	3	1	0	2	0	0	0	0	0	0	0	0	0	0	
	CAN	4	0	0	0	0	0	0	4	0	0	0	4	0	0	
	CRI	2	0	0	2	0	0	0	0	0	0	0	0	0	0	
	DOM	1	1	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	
	HTI	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	7	7	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	2	1	0	0	0	0	0	1	0	0	0	100	1	1	0	
Total		1846	114	14	75	9	0	144	1488	0	0	9	1641	1618	82	

... 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 2019/13 - 2020/12

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						
FIO	BRA	3	2	0	3	0	0	0	0	0	0	0	3	3	100	67	67
INDRE	MEX	1	1	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INH	VEN	2	2	0	1	0	0	0	0	0	0	0	2	2	0	50	50
MAL	ARG	3	2	0	3	0	0	0	0	0	0	0	3	3	100	100	100
Total		9	7	0	8	0	0	0	0	0	0	0	9	9	78	78	78