



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 10 March 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/10
AND	BOL	3,488,083	35	10
	COL	11,622,602	116	11
	ECU	4,705,464	47	0
	PER	8,786,980	88	7
	VEN	8,765,312	88	0
BRA	BRA	47,426,629	474	0
CAP	CRI	1,065,783	11	0
	GTM	6,032,750	60	0
	HND	3,221,178	32	9
	NIC	1,814,682	18	3
	PAN	1,073,291	11	4
	SLV	1,625,466	16	8
CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	3
	DOM	3,155,763	32	0
	HTI	3,616,958	36	0
MEX	MEX	34,977,953	350	90
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	2
	CHL	3,603,758	36	14
	PRY	2,077,285	21	4
	URY	731,231	7	...
Total		229,262,842	1682	166

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

Country	Total 2017	Cumm. 2018	Week									
			1-2	3	4	5	6	7	8	9	10	
BOL	19	10	2	0	2	2	0	0	2	2	0	0
COL	3	4	1	0	1	1	0	1	0	0	0	0
ECU	3	0	0	...	...	...	...	...	...	...	...	...
PER	1	7	1	0	0	3	0	0	1	1	1	1
VEN	6	0	0	0	0	0	0	0	0	0	0	0
BRA	84	0	0	0	0	0	...	...	...	...	...	...
CRI	0	1	1	0	0	0	0	...	...	...	...	...
GTM	3	0	0	0	0	0	0	0	0	0	0	0
HND	6	9	3	0	0	0	2	2	2	0	0	0
NIC	0	3	1	0	0	1	0	1	0	0	0	0
PAN	0	3	0	1	1	0	1	0	0	0	0	0
SLV	7	8	0	1	1	0	1	2	1	2	0	0
CAR	0	2	2	0	0	0	0	0	0	0	0	0
CUB	0	3	3	0	0	0	0	0	0	0	0	0
DOM	3	0	0	0	0	0	0	0	...	...	...	...
HTI	3	0	0	0	0	0	0	0	0	0	0	0
MEX	5	3	0	0	0	0	0	0	3	0	0	0
CAN	0	0	0	0	0	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	7	2	1	1	...	...	...	...	...	...	...	...
CHL	5	14	2	3	1	0	3	1	2	2	0	0
PRY	1	4	1	2	0	0	0	1	0	0	0	0
URY	1	..	...	...	...	...	...	...	...	...	...	...
Total	157	73	18	8	6	7	8	7	11	7	1	1

*As reported by countries

NR - No reporting

... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2018 and 2017

Sub Region	Country	Polio 2018		AFP Cases and indicators, last 52 weeks (2017/11 - 2018/10)					Polio 2017		AFP Cases and indicators, 2017 (2017/1 - 2017/52)				
		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	42	1.20	62	83	...	0	0	39	1.12	62	85	...
	COL	0	0	134	1.15	59	82	95	0	0	156	1.34	60	83	95
	ECU	0	0	27	0.57	96	81	...	0	0	38	0.81	97	84	...
	PER	0	0	52	0.59	77	73	49	0	0	52	0.59	73	69	52
	VEN	0	0	57	0.65	88	70	84	0	0	83	0.95	88	78	84
BRA	BRA	0	0	345	0.73	100	68	39	0	0	439	0.93	99	68	33
CAP	CRI	0	0	24	2.25	79	88	...	0	0	27	2.53	78	89	0
	GTM	0	0	32	0.53	...	72	86	0	0	38	0.63	...	71	83
	HND	0	0	43	1.33	35	91	90	0	0	48	1.49	42	92	90
	NIC	0	0	20	1.10	75	95	100	0	0	19	1.05	74	95	99
	PAN	0	0	24	2.24	54	92	85	0	0	22	2.05	50	95	84
	SLV	0	0	46	2.83	28	89	33	0	0	42	2.58	33	90	36
CAR	CAR	0	0	5	0.28	60	80	65	0	0	6	0.34	67	100	64
LAC	CUB	0	0	15	0.82	93	87	100	0	0	15	0.82	93	87	100
	DOM	0	0	5	0.16	...	80	...	0	0	7	0.22	...	86	...
	HTI	0	0	6	0.17	67	33	54	0	0	8	0.22	63	50	46
MEX	MEX	0	0	574	1.64	99	83	...	0	0	565	1.62	99	83	...
NOA	CAN	0	0	8	0.14	...	13	...	0	0	19	0.33	...	26	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	160	1.46	43	79	82	0	0	197	1.79	42	78	81
	CHL	0	0	68	1.89	81	60	...	0	0	69	1.91	77	70	...
	PRY	0	0	28	1.35	86	96	91	0	0	30	1.44	87	93	91
	URY	0	0	1	0.14	100	...	...	0	0	1	0.14	100	...	...
Total [§]		0	0	1716	1.02	80	78	-	0	0	1920	1.14	79	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 2017/11 - 2018/10

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	5	2	0	0	0	0	0	3	0	0	0	3	2	100	
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	30	0	0	1	0	0	2	25	0	0	7	27	27	100	
	HTI	5	1	0	0	0	0	0	4	0	0	0	4	2	100	
	JAM	2	0	0	0	0	0	0	2	0	0	0	2	2	100	
	NIC	27	2	0	0	0	0	7	17	1	0	29	25	25	92	
	PAN	26	5	0	0	0	0	3	18	0	0	14	21	21	90	
	SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
CDC	GTM	29	0	0	0	0	0	1	28	0	0	3	29	28	0	
	PRY	28	5	0	0	0	0	1	22	0	0	4	23	23	57	
	SLV	45	0	2	4	0	0	0	39	0	0	0	39	39	0	
FIO	BRA	248	9	0	13	5	0	6	215	0	0	5	226	225	53	
	PER	37	2	0	0	0	0	0	35	0	0	0	35	25	40	
IEC	BRA	50	4	0	0	0	0	1	45	0	0	2	46	45	98	
INDRE	MEX	499	0	0	12	0	0	41	446	0	0	8	487	487	98	
INH	VEN	52	3	0	2	1	0	9	37	0	0	21	47	47	74	
INS	COL	126	0	0	1	0	0	6	119	0	0	5	125	125	94	
	CRI	38	2	0	0	0	0	2	34	0	0	6	36	36	97	
	ECU	24	0	0	1	0	0	0	23	0	0	0	23	22	86	
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
IPK	CUB	16	9	0	7	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	50	0	0	0	0	0	5	45	0	0	10	50	50	92	
MAL	ARG	142	0	0	1	0	0	6	135	0	0	4	141	136	72	
	BOL	42	26	0	0	0	0	2	14	0	0	13	16	16	88	
(no lab. name)	CAN	1	0	0	0	0	0	0	1	0	0	0	1	0	0	
	CRI	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	ECU	3	3	0	0	0	0	0	0	0	0	0	0	0	0	
	GTM	4	4	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	17	14	0	2	0	0	0	1	0	0	0	1	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		
Total		1558	100	2	44	6	0	92	1311	1	0	7	1410	1386	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 2017/11 - 2018/10

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	5	4	0	2	0	0	0	0	0	0	0	5	5	80	80	100
INDRE	MEX	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INS	COL	0	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		6	4	0	4	0	0	0	0	0	0	0	7	7	86	86	100