



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 18 August 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/33
AND	BOL	3,488,083	35	26
	COL	11,622,602	116	74
	ECU	4,705,464	47	25
	PER	8,786,980	88	50
	VEN	8,765,312	88	15
BRA	BRA	47,426,629	474	184
CAP	CRI	1,065,783	11	4
	GTM	6,032,750	60	29
	HND	3,221,178	32	27
	NIC	1,814,682	18	12
	PAN	1,073,291	11	10
	SLV	1,625,466	16	30
CAR	CAR	1,758,319	18	3
LAC	CUB	1,830,247	18	18
	DOM	3,155,763	32	5
	HTI	3,616,958	36	6
MEX	MEX	34,977,953	350	318
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	74
	CHL	3,603,758	36	33
	PRY	2,077,285	21	19
	URY	731,231	7	0
Total		229,262,842	1682	962

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

Country	Total 2017	Cumm. 2018	Week										
			1-25	26	27	28	29	30	31	32	33		
BOL	0	12	11	0	1	0	...	...	...	...	...	...
COL	0	1	1	0	0	0	0	0	0	0	0	0	
ECU	0	14	6	2	1	0	0	0	1	2	0	2	
PER	0	21	17	3	0	1	0	0	0	0	0	0	
VEN	1	4	4	...	...	...	...	...	...	...	...	...
BRA	0	54	49	2	2	1	0	0	0	0	0	0	
CRI	0	3	3	0	0	0	0	0	0	0	0	0	
GTM	0	2	1	0	0	0	0	0	1	0	0	0	
HND	0	10	5	2	2	0	1	0	0	0	0	0	
NIC	0	4	1	1	1	0	0	0	0	0	1	0	
PAN	0	5	5	0	0	0	0	0	0	0	0	...	
SLV	0	16	9	3	0	1	0	1	0	2	...	...
CAR	0	4	3	0	0	0	0	0	1	0	0	0	
CUB	0	5	2	0	0	0	0	0	2	1	0	0	
DOM	0	5	5	...	...	...	...	...	...	...	...	...
HTI	2	5	5	0	0	0	0	0	0	0	0	0	
MEX	0	18	11	3	2	2	0	0	0	0	0	0	
CAN	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	4	4	0	0	0	0	...	...	...	...	...
CHL	0	17	14	0	0	2	0	1	0	0	0	0	
PRY	0	13	7	0	0	0	2	1	2	1	0	0	
URY	0	0	...	...	...	...	...	...	...	...	...	...
Total	3	217	163	16	9	7	3	8	5	4	2	2	

*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 (2017/34 - 2018/33)					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	39	1.12	72	79	...	0	0	15	0.43	20	80	...
	COL	0	0	137	1.18	58	82	96	0	0	156	1.34	60	83	95
	ECU	0	0	37	0.79	100	76	...	0	0	38	0.81	97	84	...
	PER	0	0	66	0.75	92	83	11	0	0	52	0.59	73	71	52
	VEN	0	0	33	0.38	94	67	...	0	4	84	0.96	87	80	84
BRA	BRA	0	0	336	0.71	99	65	79	0	1	486	1.02	99	69	29
CAP	CRI	0	0	9	0.84	78	100	...	0	0	27	2.53	78	89	...
	GTM	0	0	41	0.68	7	73	93	0	0	44	0.73	...	73	83
	HND	0	0	42	1.30	57	93	90	0	0	48	1.49	48	92	90
	NIC	0	0	21	1.16	100	95	100	0	0	19	1.05	74	95	99
	PAN	0	0	16	1.49	75	88	87	0	0	22	2.05	50	95	84
	SLV	0	0	39	2.40	18	87	29	0	0	41	2.52	34	93	32
CAR	CAR	0	0	3	0.17	33	67	80	0	0	6	0.34	83	100	72
LAC	CUB	0	0	22	1.20	77	73	100	0	0	15	0.82	...	...	100
	DOM	0	0	12	0.38	...	100	...	0	0	15	0.48	...	87	...
	HTI	0	0	8	0.22	100	25	71	0	0	8	0.22	63	50	46
MEX	MEX	0	0	555	1.59	99	86	96	0	0	569	1.63	99	83	...
NOA	CAN	0	0	1	0.02	...	...	...	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	168	1.53	49	83	84	0	0	205	1.87	42	79	81
	CHL	0	0	54	1.50	81	57	77	0	0	69	1.91	97	71	74
	PRY	0	0	31	1.49	87	97	92	0	0	30	1.44	87	93	91
	URY	0	0	2	0.27	100	...	...	0	0	4	0.55	100	...	...
Total §		0	0	1672	0.99	82	79	-	0	5	1972	1.17	79	78	-

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



Table No.1
Virus isolation results and indicators, last 52 weeks
Epidemiological weeks 2017/34 - 2018/33

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test													
			Pending results			With results							% Positive specimens for NPEV	Timing of isolation results		
			Not yet in lab.	Received ≤14 Days	Received >14 Days	Only poliovirus	Poliovirus & NPEV	Only NPEV	Negative	Others	Inadequate	Total specimens with results		Total with reception & result dates	% Results ≤ 14 days	
CAR	ATG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	DOM	11	4	0	0	0	0	1	6	0	0	14	7	7	100	
	GUY	2	1	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	17	0	0	0	0	0	0	15	0	0	0	15	15	100	
	HTI	8	2	0	1	0	0	0	5	0	0	0	5	3	33	
	NIC	24	1	0	0	0	0	4	19	0	0	17	23	23	91	
PAN	18	4	0	1	0	0	1	12	0	0	8	13	13	92		
CDC	GTM	41	1	0	1	1	0	2	35	0	1	8	39	14	0	
	HND	25	0	0	0	0	0	0	24	0	0	0	24	21	100	
	PRY	31	13	0	0	0	0	2	16	0	0	11	18	18	61	
	SLV	37	0	1	2	1	0	0	33	0	0	3	34	34	3	
FIO	BRA	231	9	0	7	2	1	3	209	0	0	2	214	214	54	
	PER	42	8	0	1	0	0	2	31	0	0	6	33	33	30	
IEC	BRA	46	2	0	0	0	0	4	40	0	0	9	44	44	75	
INDRE	MEX	499	0	0	20	1	0	24	455	0	0	5	480	480	98	
INH	VEN	27	1	0	2	1	0	4	19	0	0	21	24	24	83	
INS	COL	135	0	0	2	0	0	4	129	0	0	3	133	133	95	
	CRI	12	7	0	0	0	0	0	5	0	0	0	5	5	100	
	ECU	34	12	0	0	0	0	0	22	0	0	0	22	22	100	
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
IPK	CUB	16	1	0	15	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	40	0	0	0	0	0	3	37	0	0	8	40	40	93	
MAL	ARG	152	0	0	1	0	0	9	142	0	0	6	151	148	79	
	BOL	39	12	0	0	0	0	2	25	0	0	7	27	27	100	
(no lab. name)	DOM	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	
	HND	5	3	0	1	0	0	0	1	0	0	0	1	0	0	
	PER	18	18	0	0	0	0	0	0	0	0	0	0	0	0	
Total		1516	104	1	54	6	1	65	1282	0	1	5	1354	1320	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 2017/34 - 2018/33

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						
CDC	GTM	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
	SLV	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
FIO	BRA	3	2	0	2	0	0	0	0	0	0	0	3	3	100	100	100
INDRE	MEX	1	1	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	100	100	100
Total		7	3	0	5	0	0	0	0	0	0	1	6	6	100	100	100