



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 3 November 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/44
AND	BOL	3,488,083	35	37
	COL	11,622,602	116	124
	ECU	4,705,464	47	39
	PER	8,786,980	88	55
	VEN	8,765,312	88	64
BRA	BRA	47,426,629	474	262
CAP	CRI	1,065,783	11	12
	GTM	6,032,750	60	34
	HND	3,221,178	32	41
	NIC	1,814,682	18	13
	PAN	1,073,291	11	13
	SLV	1,625,466	16	36
CAR	CAR	1,758,319	18	3
LAC	CUB	1,830,247	18	23
	DOM	3,155,763	32	13
	HTI	3,616,958	36	8
MEX	MEX	34,977,953	350	570
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	138
	CHL	3,603,758	36	50
	PRY	2,077,285	21	29
	URY	731,231	7	4
Total		229,262,842	1682	1568

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

Country	Total 2017	Cumm. 2018	Week										
			1-36	37	38	39	40	41	42	43	44		
BOL	0	23	20	1	0	1	0	0	0	0	1	0	
COL	0	6	6	0	0	0	0	0	0	0	0	0	
ECU	0	18	10	3	3	0	2	0	...	...	...	...
PER	0	13	11	0	0	1	0	1	0	0	0	0	
VEN	0	11	7	0	3	0	1	0	0	0	0	0	
BRA	0	72	68	4	0	...	...	...	...	...	...	...
CRI	0	9	7	0	1	1	0	0	0	0	0	0	
GTM	0	7	4	1	1	0	0	1	0	0	0	0	
HND	0	11	3	2	2	1	1	0	1	1	0	0	
NIC	0	1	1	0	0	0	0	0	0	0	0	0	
PAN	0	1	0	0	0	1	0	0	0	0	0	...	
SLV	0	11	8	1	1	1	0	0	0	0	0	...	
CAR	0	5	3	0	0	0	1	1	0	0	0	0	
CUB	0	10	9	0	1	0	0	0	0	0	0	0	
DOM	0	5	5	0	0	0	0	0	0	0	...	...
HTI	0	5	5	0	0	0	0	0	0	0	0	0	
MEX	0	7	2	0	1	1	0	0	0	0	3	0	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	18	14	2	1	0	1	0	0	0	0	0	
CHL	0	30	19	0	3	1	1	3	1	1	1	1	
PRY	0	14	8	1	1	0	0	4	0	0	0	0	
URY	0	2	0	0	0	0	1	1	0	0	0	...	
Total	0	279	210	15	18	8	8	11	2	6	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 (2017/45 - 2018/44)					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	40	1.15	93	83	...	0	0	14	0.40	21	79	...
	COL	0	0	141	1.21	55	84	96	0	0	156	1.34	60	83	95
	ECU	0	0	41	0.87	100	71	15	0	0	38	0.81	97	84	...
	PER	0	0	60	0.68	92	78	2	0	0	51	0.58	73	71	47
	VEN	0	0	71	0.81	97	59	...	0	3	86	0.98	87	80	84
BRA	BRA	0	0	309	0.65	99	62	88	0	1	486	1.02	99	69	29
CAP	CRI	0	0	13	1.22	85	100	...	0	0	27	2.53	78	89	...
	GTM	0	0	41	0.68	12	71	96	0	0	44	0.73	...	73	83
	HND	0	0	48	1.49	52	94	90	0	0	48	1.49	48	92	90
	NIC	0	0	17	0.94	100	100	100	0	0	19	1.05	74	95	99
	PAN	0	0	17	1.58	71	88	87	0	0	22	2.05	50	95	84
	SLV	0	0	39	2.40	28	90	27	0	0	41	2.52	34	93	29
CAR	CAR	0	0	3	0.17	33	67	85	0	0	6	0.34	83	100	72
LAC	CUB	0	0	27	1.48	74	78	100	0	0	15	0.82	...	...	100
	DOM	0	0	13	0.41	15	92	...	0	0	15	0.48	...	87	...
	HTI	0	0	8	0.22	88	25	79	0	0	8	0.22	63	50	46
MEX	MEX	0	0	654	1.87	100	84	95	0	0	569	1.63	99	83	...
NOA	CAN	0	0	0	...	...	...	...	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	174	1.58	43	78	87	0	0	205	1.87	42	79	81
	CHL	0	0	61	1.69	79	57	77	0	0	69	1.91	97	71	74
	PRY	0	0	36	1.73	92	94	92	0	0	30	1.44	87	93	89
	URY	0	0	4	0.55	100	...	0	0	0	4	0.55	100	...	...
Total §		0	0	1817	1.07	83	77	-	0	4	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 2017/45 - 2018/44

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	ATG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	DOM	13	5	0	0	0	0	0	1	7	0	0	13	8	8	100
	GUY	2	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HND	7	0	0	0	0	0	0	0	7	0	0	0	7	7	100
	HTI	8	3	0	0	0	0	0	0	5	0	0	0	5	3	33
	NIC	17	0	0	0	0	0	0	0	17	0	0	0	17	17	100
PAN	18	2	0	0	1	0	0	1	14	0	0	7	15	15	93	
CDC	GTM	41	6	0	1	1	0	1	31	0	1	6	34	26	58	
	HND	37	6	0	0	0	0	0	30	0	0	0	30	27	100	
	PRY	36	14	0	0	0	0	2	20	0	0	9	22	22	73	
	SLV	38	0	0	5	0	0	0	33	0	0	0	33	33	0	
FIO	BRA	193	12	0	13	1	1	0	165	0	0	1	166	166	58	
	PER	46	10	0	1	0	0	2	33	0	0	6	35	35	54	
IEC	BRA	45	5	0	2	0	0	4	34	0	0	11	38	38	79	
INDRE	MEX	589	5	34	2	1	0	41	507	0	0	8	549	549	99	
INH	VEN	62	4	0	8	3	0	5	42	0	0	16	50	49	41	
INS	COL	140	0	0	2	0	0	2	136	0	0	1	138	138	93	
	CRI	22	6	0	6	0	0	0	10	0	0	0	10	10	10	
	ECU	40	17	0	0	0	0	2	21	0	0	9	23	23	96	
IPK	CUB	21	5	0	16	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	47	0	0	0	0	0	3	44	0	0	6	47	47	96	
MAL	ARG	152	0	0	9	2	0	9	132	0	0	8	143	142	79	
	BOL	40	23	0	0	0	0	2	15	0	0	12	17	17	100	
(no lab. name)	ECU	6	5	0	1	0	0	0	0	0	0	0	0	0	0	
	HND	8	8	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
Total		1630	138	34	67	8	1	75	1305	0	1	6	1389	1374	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 2017/45 - 2018/44

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
FIO	BRA	2	1	0	2	0	0	0	0	0	0	0	2	2	100	100	100
INDRE	MEX	1	1	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INH	VEN	3	1	0	3	0	0	0	0	0	0	0	2	2	100	100	100
MAL	ARG	2	2	0	2	0	0	0	0	0	0	0	2	2	100	100	100
Total		9	5	0	9	0	0	0	0	0	0	0	8	8	100	100	100