



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 7 April 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/14
AND	BOL	3,488,083	35	14
	COL	11,622,602	116	22
	ECU	4,705,464	47	7
	PER	8,786,980	88	13
	VEN	8,765,312	88	8
BRA	BRA	47,426,629	474	40
CAP	CRI	1,065,783	11	0
	GTM	6,032,750	60	10
	HND	3,221,178	32	14
	NIC	1,814,682	18	4
	PAN	1,073,291	11	4
	SLV	1,625,466	16	7
CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	4
	DOM	3,155,763	32	0
	HTI	3,616,958	36	2
MEX	MEX	34,977,953	350	137
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	13
	CHL	3,603,758	36	20
	PRY	2,077,285	21	7
	URY	731,231	7	0
Total		229,262,842	1682	327

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

Country	Total 2017	Cumm. 2018	Week										
			1-6	7	8	9	10	11	12	13	14		
BOL	19	14	6	0	2	3	0	2	1	0	0	...	
COL	1	15	4	2	2	4	2	1	0	0	0	0	
ECU	3	7	0	1	4	1	0	1	0	0	0	0	
PER	0	10	1	0	1	1	5	0	2	0	0	0	
VEN	1	6	2	1	2	0	1	0	0	0	0	0	
BRA	0	25	18	0	2	3	1	1	0	...	...	...
CRI	0	1	1	0	0	0	0	0	0	0	0	0	
GTM	1	4	1	1	1	1	0	0	0	0	0	0	
HND	0	6	0	1	1	0	2	0	0	1	1	1	
NIC	0	3	1	1	0	0	1	0	0	0	0	0	
PAN	0	3	3	0	0	0	0	0	0	0	0	...	
SLV	7	7	3	2	1	0	1	0	0	0	0	0	
CAR	0	2	2	0	0	0	0	0	0	0	0	0	
CUB	0	4	3	0	1	0	0	0	0	0	0	0	
DOM	3	0	0	0	...	...	...	...	...	...	...	...
HTI	2	2	0	0	0	2	0	0	0	0	0	0	
MEX	5	7	0	0	0	0	4	1	1	1	1	0	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	2	13	11	0	1	1	0	0	0	0	0	0	
CHL	0	19	8	1	2	3	0	1	1	2	1	1	
PRY	1	7	3	1	0	0	0	2	0	0	0	1	
URY	0	0	0	0	0	0	0	0	0	0	0	...	
Total	45	155	67	11	20	19	17	9	5	4	3	3	

*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 (2017/15 - 2018/14)					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	43	1.23	65	84	...	0	0	39	1.12	62	85	...
	COL	0	0	135	1.16	61	80	95	0	0	156	1.34	60	83	95
	ECU	0	0	31	0.66	97	84	...	0	0	38	0.81	97	84	...
	PER	0	0	50	0.57	80	76	48	0	0	52	0.59	73	69	52
	VEN	0	0	60	0.68	88	67	83	0	0	82	0.94	88	79	84
BRA	BRA	0	0	383	0.81	100	69	67	0	0	485	1.02	99	69	32
CAP	CRI	0	0	16	1.50	75	94	0	0	0	27	2.53	78	89	...
	GTM	0	0	49	0.81	...	69	88	0	0	46	0.76	...	72	83
	HND	0	0	48	1.49	38	94	90	0	0	48	1.49	46	92	90
	NIC	0	0	21	1.16	76	95	100	0	0	19	1.05	74	95	99
	PAN	0	0	22	2.05	55	91	85	0	0	22	2.05	50	95	84
	SLV	0	0	42	2.58	33	93	33	0	0	42	2.58	33	90	35
CAR	CAR	0	0	4	0.23	50	75	74	0	0	6	0.34	67	100	72
LAC	CUB	0	0	16	0.87	94	88	100	0	0	15	0.82	93	87	100
	DOM	0	0	3	0.10	...	67	...	0	0	7	0.22	...	86	...
	HTI	0	0	8	0.22	75	50	57	0	0	8	0.22	63	50	46
MEX	MEX	0	0	591	1.69	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	169	1.54	46	76	82	0	0	205	1.87	42	79	81
	CHL	0	0	73	2.03	82	63	...	0	0	69	1.91	90	71	...
	PRY	0	0	28	1.35	86	96	92	0	0	30	1.44	87	93	91
	URY	0	0	4	0.55	100	...	...	0	0	4	0.55	100	...	...
Total [§]		0	0	1804	1.07	81	77	-	0	0	1984	1.18	80	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 2017/15 - 2018/14

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test											% Positive specimens for NPEV	Timing of isolation results		
			Pending results			With results						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	3	2	0	0	0	0	0	0	1	0	0	0	1	0	0	
	GUY	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	44	0	0	0	0	0	2	40	0	0	5	42	42	100		
	HTI	8	2	0	1	0	0	0	5	0	0	0	5	3	67		
	JAM	2	0	0	0	0	0	0	2	0	0	0	2	2	100		
	NIC	28	1	0	0	0	0	7	19	1	0	27	27	27	93		
	PAN	24	5	0	0	0	0	3	16	0	0	16	19	19	89		
SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100			
CDC	GTM	48	4	0	1	0	2	1	42	0	0	2	43	29	0		
	PRY	27	7	0	0	0	0	1	19	0	0	5	20	20	65		
	SLV	43	0	0	8	0	0	0	35	0	0	0	35	35	0		
FIO	BRA	277	11	0	18	5	0	6	237	0	0	4	248	247	51		
	PER	33	2	0	0	0	0	0	31	0	0	0	31	28	46		
IEC	BRA	57	4	0	0	0	0	3	50	0	0	6	53	52	83		
INDRE	MEX	515	0	11	7	1	0	43	454	0	0	9	498	498	98		
INH	VEN	55	7	0	2	1	0	9	36	0	0	22	46	46	76		
INS	COL	124	0	0	1	0	0	6	117	0	0	5	123	123	94		
	CRI	25	2	0	0	0	0	2	21	0	0	9	23	23	96		
	ECU	22	1	0	0	0	0	0	21	0	0	0	21	20	95		
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
IPK	CUB	17	9	0	8	0	0	0	0	0	0	0	0	0	0		
ISP	CHL	57	0	0	0	0	0	5	52	0	0	9	57	57	91		
MAL	ARG	143	0	0	1	0	0	6	136	0	0	4	142	137	77		
	BOL	43	28	0	0	0	0	1	14	0	0	7	15	15	87		
(no lab. name)	CAN	1	0	0	0	0	0	0	1	0	0	0	1	0	0		
	ECU	9	9	0	0	0	0	0	0	0	0	0	0	0	0		
	GTM	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	8	6	0	1	0	0	0	1	0	0	0	1	0	0		
	PER	10	9	0	1	0	0	0	0	0	0	0	0	0	0		
VEN	1	1	0	0	0	0	0	0	0	0	0	0	0	0			
Total		1628	112	11	49	7	2	95	1352	1	0	7	1455	1425	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 2017/15 - 2018/14

Lab.	Country	Number of poliovirus isolated	Poliovirus Intratypic Differentiation Results									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
			Sabin			VDPV			Wild								
			P1	P2	P3	P1	P2	P3	P1	P2	P3						
CDC	GTM	2	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-
FIO	BRA	5	3	0	3	0	0	0	0	0	0	0	5	5	60	60	80
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
INS	COL	0	1	0	0	0	0	0	0	0	0	0	1	1	100	100	100
Total		9	5	0	5	0	0	0	0	0	0	2	8	8	75	75	88