



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 24 March 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/12
AND	BOL	3,488,083	35	12
	COL	11,622,602	116	16
	ECU	4,705,464	47	0
	PER	8,786,980	88	10
	VEN	8,765,312	88	0
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	12
	NIC	1,814,682	18	4
	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	4
	DOM	3,155,763	32	0
	HTI	3,616,958	36	2
MEX	MEX	34,977,953	350	116
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	16
	PRY	2,077,285	21	5
	URY	731,231	7	...
Total		229,262,842	1682	262

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

Country	Total 2017	Cumm. 2018	Week											
			1-4	5	6	7	8	9	10	11	12			
BOL	19	12	4	2	0	0	2	3	0	1	...			
COL	1	9	2	1	1	1	2	2	0	0	0			
ECU	3	0	0	...	...	...	...	...	...	...	...
PER	0	9	0	3	0	0	1	1	4	0	0			
VEN	6	0	0	0	0	0	0	0	0	0	...			
BRA	0	25	13	2	3	0	2	3	1	1	0			
CRI	0	1	1	0	0	0	0	0	0	0	...			
GTM	4	10	5	1	0	1	2	1	0	0	...			
HND	0	4	0	0	0	1	1	0	2	0	0			
NIC	0	3	0	1	0	1	0	0	1	0	...			
PAN	0	3	2	0	1	0	0	0	0	0	0			
SLV	7	8	2	0	1	2	1	2	0	...	...	
CAR	0	2	2	0	0	0	0	0	0	0	0			
CUB	0	4	3	0	0	0	1	0	0	0	0			
DOM	3	0	0	0	0	0	...	...	...	...	...
HTI	2	2	0	0	0	0	0	2	0	0	0			
MEX	5	8	0	0	0	2	0	4	1	1	1			
CAN	0	0	0	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR			
ARG	2	2	2	0	0	0	0	0	0	0	0			
CHL	2	16	7	0	3	1	2	2	0	1	0			
PRY	1	5	3	0	0	1	0	0	0	1	0			
URY	1	0	...	...	...	...	...	...	...	...	...
Total	56	123	46	10	9	8	16	16	12	5	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 (2017/13 - 2018/12)					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	63	84	...	0	0	39	1.12	62	85	...
	COL	0	0	132	1.14	61	83	95	0	0	156	1.34	60	83	95
	ECU	0	0	24	0.51	96	83	...	0	0	38	0.81	97	84	...
	PER	0	0	53	0.60	77	74	49	0	0	52	0.59	73	69	52
	VEN	0	0	54	0.62	87	69	84	0	0	83	0.95	88	78	84
BRA	BRA	0	0	402	0.85	100	69	67	0	0	485	1.02	99	69	32
CAP	CRI	0	0	19	1.78	74	89	...	0	0	27	2.53	78	89	...
	GTM	0	0	43	0.71	...	65	87	0	0	39	0.65	...	72	83
	HND	0	0	46	1.43	39	93	90	0	0	48	1.49	44	92	90
	NIC	0	0	21	1.16	76	95	100	0	0	19	1.05	74	95	99
	PAN	0	0	23	2.14	57	91	85	0	0	22	2.05	50	95	84
	SLV	0	0	45	2.77	29	89	32	0	0	42	2.58	33	90	36
CAR	CAR	0	0	5	0.28	60	80	73	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	5	0.16	...	80	...	0	0	7	0.22	...	86	...
	HTI	0	0	8	0.22	75	50	56	0	0	8	0.22	63	50	46
MEX	MEX	0	0	584	1.67	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	162	1.47	45	80	82	0	0	205	1.87	42	79	81
	CHL	0	0	70	1.94	83	63	...	0	0	69	1.91	88	71	...
	PRY	0	0	28	1.35	86	100	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	1792	1.07	81	78	-	0	0	1975	1.17	80	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 2017/13 - 2018/12

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	5	2	0	0	0	0	0	3	0	0	0	3	2	100	
	GUY	2	1	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	44	0	0	1	0	0	2	39	0	0	5	41	41	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	25	5	0	0	0	0	3	17	0	0	15	20	20	90	
	SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
CDC	GTM	37	7	0	1	0	0	1	28	0	0	3	29	28	0	
	PRY	28	6	0	0	0	0	1	21	0	0	5	22	22	59	
	SLV	43	0	0	6	0	0	0	37	0	0	0	37	37	0	
FIO	BRA	290	11	0	18	5	0	7	249	0	0	5	261	260	52	
	PER	35	1	0	0	0	0	0	34	0	0	0	34	26	42	
IEC	BRA	61	4	0	0	0	0	3	54	0	0	5	57	56	84	
INDRE	MEX	512	0	8	7	1	0	41	456	0	0	8	498	498	98	
INH	VEN	49	3	0	2	1	0	8	35	0	0	20	44	44	75	
INS	COL	124	0	0	1	0	0	6	117	0	0	5	123	123	94	
	CRI	30	2	0	0	0	0	2	26	0	0	7	28	28	96	
	ECU	21	0	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	55	0	0	0	0	0	5	50	0	0	9	55	55	93	
MAL	ARG	147	0	0	1	0	0	6	140	0	0	4	146	141	76	
	BOL	43	27	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	
	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	6	4	0	1	0	0	0	1	0	0	0	1	0	0	
	PER	10	10	0	0	0	0	0	0	0	0	0	0	0	0	
Total		1632	102	8	47	7	0	94	1372	1	0	7	1474	1452	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 2017/13 - 2018/12

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	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		7	5	0	5	0	0	0	0	0	0	0	8	8	75	75	88