



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 16 February 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/7
AND	BOL	3,488,083	35	0
	COL	11,622,602	116	14
	ECU	4,705,464	47	0
	PER	8,786,980	88	6
	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	1
	HND	3,221,178	32	4
	NIC	1,814,682	18	2
	PAN	1,073,291	11	0
	SLV	1,625,466	16	0
CAR	CAR	1,758,319	18	0
LAC	CUB	1,830,247	18	0
	DOM	3,155,763	32	1
	HTI	3,616,958	36	0
MEX	MEX	34,977,953	350	55
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	5
	CHL	3,603,758	36	5
	PRY	2,077,285	21	2
	URY	731,231	7	0
Total		229,262,842	1682	95

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

Country	Total 2018	Cumm. 2019	Week						
			1	2	3	4	5	6	7
BOL	30	0	0	0	0	0	...	...	...
COL	0	7	0	0	1	1	4	1	0
ECU	18	0	...	...	...	...	...	...	...
PER	9	6	3	2	1	0	0	0	0
VEN	21	0	0	0	0	0	...	...	...
BRA	100	0	...	...	...	...	...	...	...
CRI	13	0	0	0	0	0	0	0	...
GTM	8	1	0	1	0	0	0	0	...
HND	3	3	1	0	0	1	1	0	0
NIC	2	2	0	0	1	0	0	0	1
PAN	1	0	0	0	0	0	0	0	...
SLV	3	0	0	0	0	0	0	0	...
CAR	1	0	0	0	0	0	0	0	0
CUB	0	0	0	0	0	0	0	0	0
DOM	2	1	0	0	0	1	0	...	...
HTI	7	0	0	0	0	0	0	0	0
MEX	6	0	0	0	0	0	0	0	0
CAN	0	0	0	0	0	0	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	5	2	2	0	1	0	0	0
CHL	10	5	4	0	0	0	0	1	0
PRY	7	2	0	0	0	0	0	2	0
URY	2	0	...	...	...	...	...	...	...
Total	243	32	10	5	3	4	5	4	1

*As reported by countries

NR - No reporting

... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2019 and 2018

Sub Region	Country	Polio 2019		AFP Cases and indicators, last 52 weeks (2018/8 - 2019/7)					Polio 2018		AFP Cases and indicators, 2018 (2018/1 - 2018/52)				
		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	36	1.03	97	83	...	0	0	44	1.26	95	82	...
	COL	0	0	163	1.40	53	88	96	0	0	168	1.45	51	85	96
	ECU	0	0	34	0.72	100	68	15	0	0	39	0.83	100	69	15
	PER	0	0	65	0.74	80	80	5	0	0	64	0.73	83	78	6
	VEN	0	0	67	0.76	99	55	...	0	0	76	0.87	99	58	...
BRA	BRA	0	0	277	0.58	99	63	89	0	0	349	0.74	99	62	88
CAP	CRI	0	0	16	1.50	63	100	...	0	0	16	1.50	63	100	...
	GTM	0	0	50	0.81	42	74	100	0	0	58	0.96	36	76	99
	HND	0	0	44	1.37	59	91	90	0	0	50	1.55	60	92	90
	NIC	0	0	18	0.99	100	100	100	0	0	19	1.05	100	100	100
	PAN	0	0	9	0.84	89	89	86	0	0	14	1.30	86	79	87
	SLV	0	0	35	2.15	31	91	23	0	0	41	2.52	32	93	24
CAR	CAR	0	0	3	0.17	67	100	91	0	0	4	0.23	50	75	89
LAC	CUB	0	0	22	1.20	77	95	100	0	0	27	1.48	81	96	100
	DOM	0	0	14	0.44	36	93	...	0	0	15	0.48	27	93	...
	HTI	0	0	8	0.22	88	25	84	0	0	9	0.25	89	22	84
MEX	MEX	0	0	636	1.82	100	84	95	0	0	667	1.91	100	89	78
NOA	CAN	0	0	...	...	...	...	...	0	0	49	...	...	...	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	174	1.58	33	77	...	0	0	191	1.74	35	80	87
	CHL	0	0	57	1.58	63	65	85	0	0	64	1.78	70	61	86
	PRY	0	0	34	1.64	82	88	90	0	0	36	1.73	81	89	89
	URY	0	0	4	0.55	100	...	...	0	0	4	0.55	100	...	...
Total §		0	0	1766	1.05	81	78	-	0	0	2004	1.17	81	79	-

+ 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 2018/8 - 2019/7

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	ATG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	DOM	14	2	0	0	0	0	1	11	0	0	8	12	12	100		
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	HTI	8	2	0	0	0	0	0	6	0	0	0	6	4	50		
	NIC	22	8	0	0	0	0	0	14	0	0	0	14	14	79		
	PAN	10	1	0	0	0	0	0	9	0	0	0	9	9	100		
	TTO	1	0	0	0	0	0	0	1	0	0	0	1	1	0		
CDC	GTM	50	10	0	0	0	0	0	39	0	1	0	40	36	97		
	HND	44	4	0	0	0	0	3	36	0	0	8	38	38	84		
	PRY	30	5	0	0	0	0	1	24	0	0	4	25	25	100		
	SLV	34	0	0	2	0	0	0	32	0	0	0	32	32	0		
FIO	BRA	205	11	0	26	5	1	0	160	0	0	3	165	165	54		
	PER	58	13	0	2	0	0	2	41	0	0	5	43	43	65		
IEC	BRA	26	4	0	1	0	0	1	20	0	0	5	21	21	100		
INDRE	MEX	558	3	0	39	2	0	49	467	0	0	10	518	518	99		
INH	VEN	51	7	0	7	2	0	2	33	0	0	11	37	36	31		
INS	COL	163	0	3	6	0	0	3	151	0	0	2	154	154	95		
	CRI	28	6	0	6	0	0	0	16	0	0	0	16	16	44		
	ECU	33	17	0	0	0	0	2	14	0	0	13	16	16	94		
IPK	CUB	22	0	0	22	0	0	0	0	0	0	0	0	0	0		
ISP	CHL	46	0	0	0	0	0	2	44	0	0	4	46	46	93		
MAL	ARG	155	0	0	5	2	0	9	139	0	0	7	150	150	66		
	BOL	36	30	0	0	0	0	2	4	0	0	33	6	6	100		
(no lab. name)	GTM	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	3	3	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	3	3	0	0	0	0	0	0	0	0	0	0	0	0		
	PRY	2	2	0	0	0	0	0	0	0	0	0	0	0	0		
	VEN	4	2	0	0	0	0	1	1	0	0	50	2	2	0		
Total		1609	135	3	116	11	1	78	1263	0	1	7	1352	1345	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 2018/8 - 2019/7

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						
FIO	BRA	6	4	0	4	0	0	0	0	0	0	0	6	6	100	67	100
INDRE	MEX	2	2	0	1	0	0	0	0	0	0	0	2	2	100	100	100
INH	VEN	2	1	0	2	0	0	0	0	0	0	0	1	1	100	100	100
INS	COL	1	0	0	0	1*	0	0	0	0	0	0	1	1	100	100	100
MAL	ARG	2	2	0	2	0	0	0	0	0	0	0	2	2	100	100	100
Total		13	9	0	9	1	0	0	0	0	0	0	12	12	100	83	100

* iVDPV