



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 2 February 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/5
AND	BOL	3,488,083	35	0
	COL	11,622,602	116	8
	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	3
	NIC	1,814,682	18	1
	PAN	1,073,291	11	0
SLV	SLV	1,625,466	16	0
	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	34
NOA	CAN	5,797,902	58	...
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	4
	CHL	3,603,758	36	4
	PRY	2,077,285	21	0
	URY	731,231	7	0
Total		229,262,842	1682	62

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

Country	Total 2018	Cumm. 2019	Week				
			1	2	3	4	5
BOL	30	0	0	0	0	0	...
COL	0	4	0	2	0	2	0
ECU	18	...	...	...	...	...	...
PER	9	6	3	2	1	0	0
VEN	21	0	0	0	0	0	...
BRA	100	...	...	...	...	...	...
CRI	13	0	0	0	0	0	0
GTM	8	1	0	1	0	0	0
HND	9	3	2	0	1	0	0
NIC	3	1	0	0	1	0	0
PAN	1	0	0	0	0	0	0
SLV	3	0	0	0	0	0	0
CAR	2	0	0	0	0	0	0
CUB	0	0	0	0	0	...	...
DOM	2	1	0	0	0	1	0
HTI	5	0	0	0	0	0	...
MEX	6	2	0	0	1	1	0
CAN	0	0	0	0	0	0	...
USA	NR	NR	NR	NR	NR	NR	NR
ARG	7	4	2	2	0	0	0
CHL	10	4	4	0	0	0	0
PRY	7	0	0	0	0	0	0
URY	2	...	...	...	...	...	...
Total	256	26	11	7	4	4	0

*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 (2018/4 - 2019/5)					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	38	1.09	97	84	...	0	0	44	1.26	95	82	...
	COL	0	0	166	1.43	53	86	96	0	0	168	1.45	51	85	96
	ECU	0	0	39	0.83	100	69	15	0	0	39	0.83	100	69	15
	PER	0	0	66	0.75	80	79	5	0	0	64	0.73	83	78	6
	VEN	0	0	72	0.82	99	58	...	0	0	76	0.87	99	58	...
BRA	BRA	0	0	308	0.65	99	62	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	54	0.88	39	74	100	0	0	58	0.96	36	76	99
	HND	0	0	49	1.52	57	90	90	0	0	50	1.55	58	92	90
	NIC	0	0	18	0.99	100	100	100	0	0	19	1.05	100	100	100
	PAN	0	0	11	1.02	82	82	86	0	0	14	1.30	86	79	87
	SLV	0	0	39	2.40	33	92	23	0	0	41	2.52	32	93	24
CAR	CAR	0	0	3	0.17	67	100	90	0	0	4	0.23	50	75	89
LAC	CUB	0	0	24	1.31	79	96	100	0	0	27	1.48	81	96	100
	DOM	0	0	15	0.48	33	93	...	0	0	15	0.48	27	93	...
	HTI	0	0	7	0.19	86	29	84	0	0	8	0.22	88	25	84
MEX	MEX	0	0	648	1.85	100	87	95	0	0	667	1.91	100	89	82
NOA	CAN	0	0	...	...	...	...	...	0	0	49	...	...	...	...
	USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SOC	ARG	0	0	173	1.57	33	74	...	0	0	182	1.66	35	77	87
	CHL	0	0	62	1.72	68	65	85	0	0	64	1.78	70	61	86
	PRY	0	0	33	1.59	82	88	91	0	0	36	1.73	81	89	90
	URY	0	0	4	0.55	100	...	...	0	0	4	0.55	100	...	...
Total §		0	0	1845	1.10	81	79	-	0	0	1994	1.19	82	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 2018/4 - 2019/5

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	0
	DOM	15	2	0	0	0	0	0	1	12	0	0	8	13	13	100	
	GUY	1	0	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HTI	7	1	0	0	0	0	0	0	6	0	0	0	6	4	50	
	NIC	22	7	0	0	0	0	0	0	15	0	0	0	15	15	80	
	PAN	12	1	0	0	1	0	0	0	10	0	0	0	10	10	100	
	TTO	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	
CDC	GTM	55	10	0	1	1	0	0	42	0	1	2	44	40	88		
	HND	50	11	0	0	0	0	2	36	0	0	5	37	37	97		
	PRY	30	4	0	0	0	0	1	25	0	0	4	26	26	100		
	SLV	38	0	0	2	0	0	0	36	0	0	0	36	36	0		
FIO	BRA	222	11	0	26	5	1	1	176	0	0	3	182	182	55		
	PER	58	13	0	2	0	0	2	41	0	0	5	43	43	65		
IEC	BRA	32	5	0	1	0	0	1	25	0	0	4	26	26	92		
INDRE	MEX	587	3	4	36	3	0	50	494	0	0	10	547	547	99		
INH	VEN	56	7	0	8	2	0	3	36	0	0	12	41	40	33		
INS	COL	166	0	2	4	0	0	3	157	0	0	2	160	160	95		
	CRI	28	6	0	6	0	0	0	16	0	0	0	16	16	44		
	ECU	38	17	0	0	0	0	2	19	0	0	10	21	21	95		
IPK	CUB	24	0	0	24	0	0	0	0	0	0	0	0	0	0		
ISP	CHL	50	0	0	0	0	0	2	48	0	0	4	50	50	94		
MAL	ARG	150	0	0	7	4	0	9	130	0	0	9	143	143	73		
	BOL	38	30	0	0	0	0	2	6	0	0	25	8	8	100		
(no lab. name)	GTM	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	2	2	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	1	1	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		1692	138	6	118	15	1	80	1333	0	1	7	1428	1421	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 2018/4 - 2019/5

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	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
FIO	BRA	6	4	0	4	0	0	0	0	0	0	0	6	6	100	67	100
INDRE	MEX	3	3	0	2	0	0	0	0	0	0	0	3	3	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		15	10	0	11	1	0	0	0	0	0	0	14	14	100	86	100

* iVDPV