



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 2 March 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/9
AND	BOL	3,488,083	35	0
	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	0
CAP	CRI	1,065,783	11	1
	GTM	6,032,750	60	6
	HND	3,221,178	32	6
	NIC	1,814,682	18	4
	PAN	1,073,291	11	0
	SLV	1,625,466	16	1
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	82
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	4
	URY	731,231	7	0
Total		229,262,842	1682	141

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

Country	Total 2018	Cumm. 2019	Week									
			1	2	3	4	5	6	7	8	9	
BOL	30	0	0	0	0	0	...	...	...	...	...	...
COL	0	9	0	0	1	1	4	2	1	0	0	0
ECU	18	...	...	...	...	...	...	...	...	...	...	...
PER	12	8	1	1	1	2	1	1	1	0	0	0
VEN	21	0	0	0	0	0	...	...	...	...	...	...
BRA	100	...	...	...	...	...	...	...	...	...	...	...
CRI	13	1	0	0	0	0	0	0	0	1	0	0
GTM	8	7	0	2	2	2	1	0	0	0	0	0
HND	3	3	1	0	1	0	0	0	0	1	0	0
NIC	1	4	0	0	1	0	0	0	1	0	2	...
PAN	1	0	0	0	0	0	0	0	0	0	0	...
SLV	2	1	0	0	0	0	0	0	0	1	0	0
CAR	0	0	0	0	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	0	0	0	0	0
HTI	7	0	0	0	0	0	0	0	0	0	0	0
MEX	6	3	0	0	0	0	0	0	1	1	1	1
CAN	0	0	0	0	0	0	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	5	2	2	0	1	0	0	0	0	0	0
CHL	10	6	4	0	0	0	0	2	0	0	0	0
PRY	7	4	0	0	0	0	0	2	1	1	0	0
URY	2	...	...	...	...	...	...	...	...	...	...	...
Total	243	52	8	5	6	7	6	7	5	5	3	3

*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 (2018/10 - 2019/9)					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	32	0.92	97	84	0	0	0	44	1.26	95	82	0
	COL	0	0	161	1.39	54	86	96	0	0	168	1.45	51	85	96
	ECU	0	0	32	0.68	100	69	15	0	0	39	0.83	100	69	15
	PER	0	0	78	0.88	72	72	4	0	0	75	0.85	77	71	6
	VEN	0	0	67	0.76	99	55	0	0	3	76	0.87	99	58	0
BRA	BRA	0	0	269	0.57	99	62	89	0	1	349	0.74	99	62	88
CAP	CRI	0	0	17	1.60	59	100	0	0	0	16	1.50	63	100	0
	GTM	0	0	53	0.86	47	74	100	0	0	58	0.96	36	76	99
	HND	0	0	46	1.43	59	91	90	0	0	50	1.55	60	92	90
	NIC	0	0	20	1.10	100	100	100	0	0	19	1.05	100	100	100
	PAN	0	0	9	0.84	89	89	87	0	0	14	1.30	86	79	87
	SLV	0	0	37	2.28	32	92	23	0	0	42	2.58	31	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	0	15	0.48	27	93	0
	HTI	0	0	6	0.17	83	--	84	0	0	9	0.25	89	22	84
MEX	MEX	0	0	652	1.86	100	87	95	0	0	667	1.91	100	89	72
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	175	1.58	33	77	0	0	0	198	1.80	35	80	87
	CHL	0	0	54	1.50	63	65	79	0	0	64	1.78	70	61	79
	PRY	0	0	36	1.73	83	83	90	0	0	36	1.73	81	89	89
	URY	0	0	4	0.55	100	--	0	0	0	4	0.55	100	0	0
Total §		0	0	1787	1.06	81	79	-	0	4	2023	1.20	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 2018/10 - 2019/9

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	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	6	2	0	0	0	0	0	4	0	0	0	4	4	50	
	NIC	24	4	0	0	0	0	3	17	0	0	15	20	20	85	
	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	CRI	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
	GTM	52	14	0	0	0	0	0	37	0	1	0	38	35	0	
	HND	45	3	0	0	0	0	3	38	0	0	7	40	40	100	
	PRY	30	5	0	0	0	0	1	24	0	0	4	25	25	85	
	SLV	36	0	1	2	0	0	0	33	0	0	0	33	33	100	
FIO	BRA	201	11	0	26	5	1	0	156	0	0	3	161	161	0	
	PER	63	10	0	6	0	0	1	46	0	0	2	47	47	53	
IEC	BRA	24	3	0	1	0	0	1	19	0	0	5	20	20	66	
INDRE	MEX	591	3	21	61	2	0	49	457	0	0	10	508	508	100	
INH	VEN	51	7	0	7	2	0	2	33	0	0	11	37	36	99	
INS	COL	158	0	0	7	0	0	3	148	0	0	2	151	151	31	
	CRI	28	6	0	6	0	0	0	16	0	0	0	16	16	95	
	ECU	31	17	0	0	0	0	2	12	0	0	14	14	14	44	
IPK	CUB	22	0	0	22	0	0	0	0	0	0	0	0	0	93	
ISP	CHL	44	0	0	0	0	0	2	42	0	0	5	44	44	0	
MAL	ARG	157	0	0	5	2	0	9	141	0	0	7	152	152	93	
	BOL	32	29	0	0	0	0	1	2	0	0	33	3	3	65	
(no lab. name)	GTM	2	2	0	0	0	0	0	0	0	0	0	0	0	100	
	HND	4	4	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	4	4	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		1640	132	24	143	11	1	79	1248	0	1	7	1338	1334	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 2018/10 - 2019/9

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	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
MAL	ARG	2	2	0	2	0	0	0	0	0	0	0	2	2	100	100	100
Total		12	9	0	9	1	0	0	0	0	0	0	11	11	100	82	100