



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 34, No. 49

Week ending 7 December 2019

Table No.1

Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/49
AND	BOL	3,518,376	35	22
	COL	11,297,750	113	71
	ECU	4,771,737	48	22
	PER	8,826,539	88	105
	VEN	8,801,443	88	84
BRA	BRA	45,418,678	454	326
CAP	CRI	1,056,871	11	16
	GTM	6,149,723	61	58
	HND	2,490,741	25	43
	NIC	1,788,084	18	25
	PAN	1,089,927	11	5
SLV	1,565,217	16	29	
CAR	CAR	1,739,441	17	2
LAC	CUB	1,742,844	17	22
	DOM	3,144,441	31	17
	HTI	3,631,337	36	13
MEX	MEX	34,611,688	346	818
NOA	CAN	6,045,577	60	0
	USA	61,851,315	NR	NR
SOC	ARG	11,041,661	110	132
	CHL	3,567,505	36	52
	PRY	2,017,183	20	24
	URY	722,459	7	8
Total		226,890,537	1648	1894

*As reported by countries

NR - No reporting

... - No data

Table No.2

AFP cases under investigation (All ages)

Country	Total 2018	Cumm. 2019	Week										
			1-41	42	43	44	45	46	47	48	49		
BOL	0	5	3	0	0	0	0	1	1	0	0	0	
COL	0	0	0	0	0	0	0	0	0	0	0	0	
ECU	0	5	5	0	0	0	0	0	0	0	0	0	
PER	0	47	35	2	0	7	1	2	0	0	0	0	
VEN	0	58	58	0	0	0	0	0	0	0	0	0	
BRA	0	69	53	6	3	2	1	3	0	1	0	0	
CRI	0	1	1	0	0	0	0	0	0	0	0	0	
GTM	0	12	6	1	1	3	1	0	0	0	0	0	
HND	0	6	2	2	0	0	0	2	0	0	0	0	
NIC	0	9	5	1	0	2	0	1	0	0	0	0	
PAN	0	4	1	1	0	0	1	0	1	0	0	0	
SLV	0	3	3	0	0	0	0	0	...	...	...	...
CAR	0	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	13	9	0	0	2	2	0	0	0	0	0	
DOM	0	6	4	1	0	1	0	0	...	...	...	...
HTI	5	18	17	0	0	0	0	0	1	0	0	0	
MEX	0	10	1	0	0	0	0	4	3	2	0	0	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	16	16	0	0	0	0	0	0	0	0	...	
CHL	0	6	4	0	1	0	1	0	0	0	0	0	
PRY	0	8	2	2	1	0	1	2	0	0	0	0	
URY	0	4	4	...	...	...	...	...	...	...	...	...
Total	5	300	229	16	6	17	8	15	6	3	0	0	

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 (2018/50 - 2019/49)					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	23	0.65	74	83	...	0	0	45	1.29	96	82	...
	COL	0	0	79	0.68	66	95	97	0	0	168	1.45	51	85	96
	ECU	0	0	27	0.57	85	81	...	0	0	60	1.28	100	72	15
	PER	0	0	112	1.27	71	63	8	0	0	77	0.88	78	71	6
	VEN	0	0	86	0.98	100	66	...	0	3	85	0.97	100	71	...
BRA	BRA	0	0	341	0.72	99	61	96	0	1	501	1.06	98	65	92
CAP	CRI	0	0	16	1.51	94	38	74	0	0	15	1.41	73	80	43
	GTM	0	1	60	0.98	82	75	100	0	0	59	0.98	36	76	99
	HND	0	0	49	1.52	61	90	91	0	0	50	1.55	60	92	90
	NIC	0	0	27	1.49	100	100	100	0	0	19	1.05	100	100	100
	PAN	0	0	6	0.55	83	100	67	0	0	16	1.49	81	81	87
SLV	0	0	29	1.85	48	97	14	0	0	42	2.58	31	93	21	
CAR	CAR	0	0	2	0.11	100	100	83	0	0	8	0.45	75	38	89
LAC	CUB	0	0	22	1.26	73	91	100	0	0	27	1.48	81	96	100
	DOM	0	0	17	0.54	24	88	...	0	0	15	0.48	33	93	...
	HTI	0	0	13	0.36	85	46	85	0	0	6	0.17	100	33	84
MEX	MEX	0	0	857	2.45	100	88	61	0	0	705	2.02	99	90	38
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	147	1.33	23	68	100	0	0	200	1.82	35	80	84
	CHL	0	0	55	1.53	82	67	94	0	0	64	1.78	73	61	95
	PRY	0	0	26	1.25	81	88	95	0	0	36	1.73	83	94	87
	URY	0	0	9	1.23	100	...	...	0	0	6	0.82	100	50	...
Total §		0	1	2003	1.19	86	78	-	0	4	2253	1.34	83	79	...

+ 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 2018/50 - 2019/49

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	AIA	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	BLZ	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	DOM	11	0	0	0	0	0	2	9	0	0	18	11	11	100	
	HTI	15	7	0	0	1	0	0	7	0	0	13	8	8	88	
	NIC	30	8	0	0	0	0	4	18	0	0	18	22	22	100	
	PRY	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CDC	CRI	6	0	0	3	0	0	2	1	0	0	67	3	3	67	
	GTM	59	13	0	3	0	1	14	28	0	0	33	43	37	19	
	HND	44	0	0	2	0	0	3	39	0	0	7	42	41	83	
	PAN	6	4	0	0	0	0	1	1	0	0	50	2	2	50	
	PRY	26	8	0	0	0	0	2	16	0	0	11	18	18	39	
	SLV	29	0	0	1	0	0	0	28	0	0	0	28	28	0	0
FIO	BRA	228	19	0	10	1	0	5	193	0	0	3	199	197	73	
	PER	81	16	0	2	0	0	3	60	0	0	5	63	63	89	
IEC	BRA	48	3	0	1	0	0	3	41	0	0	7	44	38	82	
INDRE	MEX	778	1	32	4	3	0	64	677	0	0	9	744	742	93	
INH	VEN	72	14	0	5	2	0	7	42	0	0	18	51	47	19	
INS	COL	80	0	0	1	0	0	6	73	0	0	8	79	79	91	
INS	CRI	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
	ECU	23	4	0	0	0	0	0	19	0	0	0	19	19	58	
IPK	CUB	22	0	0	11	0	0	2	9	0	0	18	11	11	73	
ISP	CHL	47	0	0	0	0	0	0	47	0	0	0	47	47	94	
MAL	ARG	122	0	0	1	1	0	8	112	0	0	7	121	120	63	
	BOL	22	2	0	1	0	0	0	19	0	0	0	19	11	45	
	URY	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
(no lab. name)	BOL	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
	CRI	4	0	0	4	0	0	0	0	0	0	0	0	0	0	
	DOM	5	5	0	0	0	0	0	0	0	0	0	0	0	0	
	ECU	3	3	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	5	5	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	6	5	0	0	0	0	0	1	0	0	0	1	1	100	
VEN	1	0	0	0	0	0	0	1	0	0	100	1	1	0	0	
Total		1780	120	32	50	8	1	127	1443	0	0	9	1579	1549	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 2018/50 - 2019/49

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						
CAR	HTI	1	0	0	0	0	0	0	0	0	1	0	0	-	-	-	
CDC	GTM	1	0	0	0	0	0	0	0	0	1	0	0	-	-	-	
FIO	BRA	1	0	0	1	0	0	0	0	0	0	1	1	100	0	0	
INDRE	MEX	3	1	0	3	0	0	0	0	0	0	3	3	100	100	100	
INH	VEN	2	2	0	1	0	0	0	0	0	0	2	2	0	50	50	
MAL	ARG	1	0	0	1	0	0	0	0	0	0	1	1	100	100	100	
Total		9	3	0	6	0	0	0	0	0	2	7	7	71	71	71	