



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 9 November 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/45
AND	BOL	3,518,376	35	18
	COL	11,297,750	113	65
	ECU	4,771,737	48	22
	PER	8,826,539	88	100
	VEN	8,801,443	88	82
BRA	BRA	45,418,678	454	253
CAP	CRI	1,056,871	11	5
	GTM	6,149,723	61	41
	HND	2,490,741	25	41
	NIC	1,788,084	18	24
	PAN	1,089,927	11	3
	SLV	1,565,217	16	27
CAR	CAR	1,739,441	17	2
LAC	CUB	1,742,844	17	18
	DOM	3,144,441	31	14
	HTI	3,631,337	36	7
MEX	MEX	34,611,688	346	710
NOA	CAN	6,045,577	60	0
	USA	61,851,315	NR	NR
SOC	ARG	11,041,661	110	127
	CHL	3,567,505	36	48
	PRY	2,017,183	20	21
	URY	722,459	7	8
Total		226,890,537	1648	1636

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

Country	Total 2018	Cumm. 2019	Week										
			1-37	38	39	40	41	42	43	44	45		
BOL	0	6	5	0	0	1	0	0	0	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	...	...	...	...
PER	0	46	33	2	0	3	1	2	0	0	4	1	
VEN	0	58	45	5	5	1	2	0	0	0	0	0	
BRA	0	60	60	0	0	0	...	...	...	...	...	...
CRI	0	1	1	0	0	0	0	0	0	0	0	0	
GTM	0	6	6	0	0	0	...	...	...	...	...	...
HND	0	7	3	2	0	0	0	2	0	0	0	0	
NIC	0	8	3	1	1	0	0	1	0	2	0	0	
PAN	0	2	1	0	0	0	0	1	...	...	...	...
SLV	0	5	5	0	0	0	0	0	0	0	0	...	
CAR	0	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	9	8	0	1	0	0	0	0	0	0	...	
DOM	0	3	2	1	0	0	0	0	0	0	0	...	
HTI	7	7	7	0	0	0	0	0	0	0	0	0	
MEX	0	16	0	0	0	1	0	2	3	5	5	...	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	21	20	1	0	0	0	0	0	0	0	0	
CHL	0	6	4	0	0	1	0	1	0	0	0	0	
PRY	0	5	1	0	0	0	1	2	1	0	0	0	
URY	0	4	4	0	0	0	...	...	...	...	...	...
Total	7	275	213	12	7	7	4	11	4	11	6	6	

*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 (2018/46 - 2019/45)					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	21	0.60	67	38	...	0	0	45	1.29	96	82	...
	COL	0	0	87	0.75	62	93	97	0	0	168	1.45	51	85	96
	ECU	0	0	36	0.75	89	78	...	0	0	60	1.28	100	72	15
	PER	0	0	109	1.23	69	64	8	0	0	77	0.88	78	71	6
	VEN	0	0	88	1.00	100	57	...	0	3	85	0.97	100	71	...
BRA	BRA	0	1	299	0.63	98	59	93	0	1	501	1.06	98	65	92
CAP	CRI	0	0	5	0.47	80	100	88	0	0	15	1.41	73	80	30
	GTM	0	0	48	0.78	73	77	100	0	0	59	0.98	36	76	99
	HND	0	0	50	1.55	62	90	91	0	0	50	1.55	60	92	90
	NIC	0	0	29	1.60	100	97	100	0	0	19	1.05	100	100	100
	PAN	0	0	5	0.46	80	100	87	0	0	16	1.49	81	81	87
	SLV	0	0	29	1.78	34	97	15	0	0	42	2.58	31	93	21
CAR	CAR	0	0	3	0.17	100	100	84	0	0	8	0.45	75	38	89
LAC	CUB	0	0	18	1.03	67	89	100	0	0	27	1.48	81	96	100
	DOM	0	0	15	0.48	27	80	...	0	0	15	0.48	33	93	...
	HTI	0	0	7	0.19	86	71	85	0	0	10	0.28	90	20	84
MEX	MEX	0	0	817	2.34	100	88	64	0	0	705	2.02	99	90	40
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	155	1.40	22	64	100	0	0	200	1.82	35	80	84
	CHL	0	0	56	1.55	73	68	94	0	0	64	1.78	73	61	95
	PRY	0	0	26	1.25	77	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	1912	1.14	84	77	-	0	4	2257	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 2018/46 - 2019/45

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	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	8	4	0	0	0	0	0	4	0	0	0	4	4	75		
	NIC	32	7	0	0	0	0	4	21	0	0	16	25	25	88		
	PRY	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	TTO	1	0	0	0	0	0	0	1	0	0	0	1	1	0		
CDC	CRI	4	0	0	1	0	0	2	1	0	0	67	3	3	67		
	DOM	1	0	0	0	0	0	0	1	0	0	0	1	0	0		
	GTM	48	7	0	2	0	0	10	29	0	0	26	39	34	35		
	HND	46	3	0	1	0	0	3	39	0	0	7	42	41	80		
	PAN	5	2	0	0	0	0	1	2	0	0	33	3	3	67		
	PRY	26	5	0	0	0	0	2	19	0	0	10	21	21	48		
	SLV	29	0	0	1	0	0	0	28	0	0	0	28	28	0		
FIO	BRA	191	13	0	12	0	0	5	161	0	0	3	166	164	79		
	PER	78	17	0	1	0	0	3	57	0	0	5	60	60	88		
IEC	BRA	48	11	0	0	0	0	2	35	0	0	5	37	31	74		
INDRE	MEX	742	0	18	3	2	0	63	658	0	0	9	723	719	93		
INH	VEN	64	24	0	14	2	0	4	18	0	0	25	24	24	4		
INS	COL	88	0	0	1	0	0	6	81	0	0	7	87	87	93		
INS	ECU	32	5	0	0	0	0	0	27	0	0	0	27	27	41		
IPK	BRA	1	0	0	1	0	0	0	0	0	0	0	0	0	0		
	CUB	18	0	0	7	0	0	2	9	0	0	18	11	11	73		
ISP	CHL	48	0	0	0	0	0	0	48	0	0	0	48	48	92		
MAL	ARG	123	0	0	1	1	0	8	113	0	0	7	122	121	57		
	BOL	7	2	0	0	0	0	0	5	0	0	0	5	5	80		
	URY	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
(no lab. name)	BOL	4	4	0	0	0	0	0	0	0	0	0	0	0	0		
	BRA	1	1	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	1	1	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	9	8	0	0	0	0	0	1	0	0	0	1	1	100		
VEN	3	3	0	0	0	0	0	0	0	0	0	0	0	0			
Total		1685	126	18	49	5	0	117	1370	0	0	8	1492	1472	81		

... 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 2018/46 - 2019/45

Lab.	Country	Number of poliovirus Isolated	Poliovirus Intratypic Differentiation Results									Pending ITD results	Number of specimens with ITD results	ITD Indicators			
			Sabin			VDPV			Wild					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						
INDRE	MEX	2	0	0	2	0	0	0	0	0	0	0	2	2	100	100	100
INH	VEN	2	2	0	1	0	0	0	0	0	0	0	2	2	0	50	50
MAL	ARG	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		5	2	0	4	0	0	0	0	0	0	0	5	5	60	80	80