



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 7 September 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/36
AND	BOL	3,518,376	35	15
	COL	11,297,750	113	59
	ECU	4,771,737	48	0
	PER	8,826,539	88	77
	VEN	8,801,443	88	48
BRA	BRA	45,418,678	454	220
CAP	CRI	1,056,871	11	5
	GTM	6,149,723	61	35
	HND	2,490,741	25	35
	NIC	1,788,084	18	18
	PAN	1,089,927	11	1
SLV	SLV	1,565,217	16	21
	CAR	CAR	1,739,441	17	2
LAC	CUB	1,742,844	17	15
	DOM	3,144,441	31	9
	HTI	3,631,337	36	8
MEX	MEX	34,611,688	346	528
NOA	CAN	6,045,577	60	0
	USA	61,851,315	NR	NR
SOC	ARG	11,041,661	110	93
	CHL	3,567,505	36	36
	PRY	2,017,183	20	16
	URY	722,459	7	7
Total		226,890,537	1648	1248

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

Country	Total 2018	Cumm. 2019	Week											
			1-28	29	30	31	32	33	34	35	36			
BOL	0	12	9	1	1	0	1	0	0	0	0	0	...	
COL	0	1	1	0	0	0	0	0	0	0	0	0	0	
ECU	0	0	0	...	...	...	...	...	...	...	...	...	...
PER	8	40	30	5	1	2	0	1	1	0	0	0	0	
VEN	0	41	38	1	1	1	0	0	0	0	0	0	...	
BRA	0	74	58	3	2	4	1	1	5	0	0	0	...	
CRI	0	1	1	0	0	0	0	0	0	0	0	0	0	
GTM	0	0	0	0	0	0	0	0	0	0	0	0	0	
HND	0	16	7	0	0	3	3	3	0	0	0	0	0	
NIC	0	6	3	2	0	0	0	0	1	0	0	0	0	
PAN	0	0	0	0	0	0	0	0	0	0	0	0	...	
SLV	0	4	3	0	0	0	1	0	0	0	0	0	...	
CAR	0	1	0	0	0	0	0	1	0	0	0	0	0	
CUB	0	6	3	1	0	0	0	1	1	0	0	0	0	
DOM	0	1	1	0	0	0	0	0	0	0	0	0	...	
HTI	6	8	7	0	1	0	0	0	0	0	0	0	0	
MEX	0	3	0	0	0	0	0	0	0	0	2	1	0	
CAN	0	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	34	34	0	0	0	0	0	0	0	0	0	0	
CHL	0	8	1	0	1	0	1	2	1	1	1	1	1	
PRY	0	0	0	0	0	0	0	0	0	0	0	0	0	
URY	0	4	3	0	1	0	0	0	0	0	0	0	...	
Total	14	260	199	13	8	10	7	9	9	3	2	2	2	

*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 (2018/37 - 2019/36)					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	26	0.74	73	50	...	0	0	45	1.29	96	82	...
	COL	0	0	109	0.94	52	94	96	0	0	168	1.45	51	85	96
	ECU	0	0	25	0.53	100	80	...	0	0	57	1.21	100	75	15
	PER	0	0	97	1.10	66	68	8	0	0	77	0.88	78	71	6
	VEN	0	0	73	0.83	100	53	...	0	3	85	0.97	100	68	...
BRA	BRA	0	1	360	0.76	98	61	94	0	1	501	1.06	98	65	92
CAP	CRI	0	0	10	0.94	70	80	75	0	0	15	1.41	73	80	30
	GTM	0	0	54	0.88	70	76	100	0	0	59	0.98	36	76	99
	HND	0	0	52	1.61	62	90	91	0	0	50	1.55	60	92	90
	NIC	0	0	24	1.32	100	100	100	0	0	19	1.05	100	100	100
	PAN	0	0	5	0.46	80	80	87	0	0	16	1.49	81	81	87
SLV	0	0	30	1.85	30	97	16	0	0	42	2.58	31	93	22	
CAR	CAR	0	0	5	0.29	100	60	86	0	0	8	0.45	75	38	89
LAC	CUB	0	0	20	1.09	55	95	100	0	0	27	1.48	81	96	100
	DOM	0	0	11	0.35	36	91	...	0	0	15	0.48	33	93	...
	HTI	0	0	8	0.22	88	63	87	0	0	9	0.25	89	22	84
MEX	MEX	0	0	803	2.30	100	89	72	0	0	705	2.02	99	90	46
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	158	1.43	27	56	100	0	0	200	1.82	35	80	84
	CHL	0	0	60	1.66	72	63	84	0	0	64	1.78	73	61	84
	PRY	0	0	29	1.40	72	90	93	0	0	36	1.73	83	94	87
	URY	0	0	11	1.50	100	18	...	0	0	6	0.82	100	50	...
Total §		0	1	1970	1.17	84	77	-	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 2018/37 - 2019/36

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	9	0	0	0	0	0	0	9	0	0	0	9	9	100	
	HTI	9	5	0	0	0	0	0	4	0	0	0	4	4	75	
	NIC	28	7	0	0	0	0	0	4	17	0	0	19	21	86	
	PAN	3	1	0	0	0	0	0	2	0	0	0	2	2	100	
	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	55	2	0	2	0	5	5	41	0	0	11	51	46	52	
	HND	36	0	0	0	0	0	3	33	0	0	8	35	35	77	
	PAN	3	0	0	0	0	0	1	2	0	0	33	3	3	67	
	PRY	30	1	0	0	0	0	3	26	0	0	10	29	29	62	
	SLV	30	0	0	6	0	0	0	24	0	0	0	24	24	0	
FIO	BRA	241	12	0	19	2	0	3	205	0	0	2	210	208	75	
	PER	71	18	0	12	0	0	3	38	0	0	7	41	41	85	
IEC	BRA	52	15	0	3	0	0	0	34	0	0	0	34	34	71	
INDRE	MEX	741	1	14	10	4	0	65	651	0	0	10	720	717	92	
INH	VEN	53	19	0	7	3	0	7	16	0	0	38	26	26	12	
INS	COL	109	0	0	1	0	0	4	104	0	0	4	108	108	94	
	CRI	9	0	0	4	0	0	0	5	0	0	0	5	5	100	
	ECU	24	2	0	0	0	0	0	22	0	0	0	22	22	0	
IPK	BRA	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
	CUB	20	0	1	8	0	0	2	9	0	0	18	11	11	73	
ISP	CHL	47	0	0	0	0	0	2	45	0	0	4	47	47	94	
MAL	ARG	110	0	0	0	0	0	5	105	0	0	5	110	109	66	
	BOL	13	9	0	0	0	0	0	4	0	0	0	4	3	100	
	URY	4	0	0	0	0	0	0	4	0	0	0	4	4	100	
(no lab. name)	BRA	3	2	0	1	0	0	0	0	0	0	0	0	0	0	
	CRI	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	DOM	4	0	0	4	0	0	0	0	0	0	0	0	0	0	
	HND	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	17	17	0	0	0	0	0	0	0	0	0	0	0	0	
	PRY	10	10	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
Total		1743	124	15	79	9	5	109	1405	0	0	8	1527	1514	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 2018/37 - 2019/36

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						
CDC	GTM	5	0	0	0	0	0	0	0	0	0	5	0	0	-	-	-
FIO	BRA	2	1	0	2	0	0	0	0	0	0	0	2	2	100	100	100
INDRE	MEX	4	2	0	3	0	0	0	0	0	0	0	4	4	100	100	100
INH	VEN	3	2	0	1	0	0	0	0	0	0	1	2	2	0	50	50
Total		14	5	0	6	0	0	0	0	0	0	6	8	8	75	88	88