



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 34, No. 37

Week ending 14 September 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/37
AND	BOL	3,518,376	35	15
	COL	11,297,750	113	62
	ECU	4,771,737	48	0
	PER	8,826,539	88	73
	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	38
	NIC	1,788,084	18	19
	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	545
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	1268

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

Country	Total 2018	Cumm. 2019	Week										
			1-29	30	31	32	33	34	35	36	37		
BOL	0	12	10	1	0	1	0	0	0	...	...
COL	0	2	2	0	0	0	0	0	0	0	0		
ECU	0	0	0	...	...	...	...	...	...	...	...
PER	8	36	32	1	2	0	1	0	0	0	0		
VEN	0	41	39	1	1	0	0	0	0	0	0		
BRA	0	74	61	2	4	1	1	5	0	...	...
CRI	0	1	1	0	0	0	0	0	0	0	...		
GTM	0	0	0	0	0	0	0	0	0	0	0		
HND	0	19	7	0	3	3	3	1	0	2	0		
NIC	0	7	5	0	0	0	0	1	0	1	0		
PAN	0	0	0	0	0	0	0	0	0	...	...
SLV	0	4	3	0	0	1	0	0	...	...	...
CAR	0	1	0	0	0	0	1	0	0	0	0		
CUB	0	6	4	0	0	0	1	1	0	0	...		
DOM	0	1	1	0	0	0	0	0	...	...	...
HTI	6	8	7	1	0	0	0	0	0	0	...		
MEX	0	6	0	0	0	0	0	0	3	3	0		
CAN	0	0	0	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
ARG	0	34	34	0	0	0	0	0	0	0	0		
CHL	0	8	1	1	0	1	2	1	1	1	0		
PRY	0	0	0	0	0	0	0	0	0	0	0		
URY	0	4	3	1	0	0	0	...	...	...	...
Total	14	264	210	8	10	7	9	9	4	7	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 (2018/38 - 2019/37)					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	25	0.71	72	48	...	0	0	45	1.29	96	82	...
	COL	0	0	109	0.94	53	92	96	0	0	168	1.45	51	85	96
	ECU	0	0	22	0.47	100	82	...	0	0	57	1.21	100	75	15
	PER	0	0	92	1.04	67	66	8	0	0	78	0.89	78	72	6
	VEN	0	0	72	0.82	100	64	...	0	3	85	0.97	100	68	...
BRA	BRA	0	1	348	0.73	98	60	94	0	1	501	1.06	98	65	92
CAP	CRI	0	0	10	0.94	70	80	77	0	0	15	1.41	73	80	30
	GTM	0	0	53	0.86	72	75	100	0	0	59	0.98	36	76	99
	HND	0	0	53	1.65	62	91	91	0	0	50	1.55	60	92	90
	NIC	0	0	25	1.38	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	28	1.72	29	96	15	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	18	0.98	61	94	100	0	0	27	1.48	81	96	100
	DOM	0	0	10	0.32	40	90	...	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	801	2.29	100	89	70	0	0	705	2.02	99	90	45
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	154	1.39	27	55	100	0	0	200	1.82	35	80	84
	CHL	0	0	60	1.66	72	63	85	0	0	64	1.78	73	61	84
	PRY	0	0	28	1.35	71	89	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	1937	1.15	84	77	-	0	4	2254	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 2018/38 - 2019/37

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	8	0	0	0	0	0	0	8	0	0	0	8	8	100		
	HTI	9	5	0	0	0	0	0	4	0	0	0	4	4	75		
	NIC	29	8	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	54	2	0	2	0	0	10	40	0	0	20	50	45	51		
	HND	49	15	0	0	0	0	3	31	0	0	9	33	33	76		
	PAN	3	0	0	0	0	0	1	2	0	0	33	3	3	67		
	PRY	29	1	0	0	0	0	3	25	0	0	11	28	28	61		
	SLV	28	0	0	6	0	0	0	22	0	0	0	22	22	0		
FIO	BRA	230	12	0	18	2	0	3	195	0	0	3	200	198	75		
	PER	70	18	0	12	0	0	3	37	0	0	8	40	40	85		
IEC	BRA	50	14	0	3	0	0	0	33	0	0	0	33	33	70		
INDRE	MEX	734	0	16	5	4	0	65	648	0	0	10	717	714	92		
INH	VEN	63	9	0	15	3	0	9	26	0	0	32	38	38	8		
INS	COL	108	0	0	1	0	0	5	102	0	0	5	107	107	94		
	CRI	9	0	0	4	0	0	0	5	0	0	0	5	5	100		
	ECU	21	2	0	0	0	0	0	19	0	0	0	19	19	0		
IPK	BRA	1	0	0	1	0	0	0	0	0	0	0	0	0	0		
	CUB	18	0	1	6	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	106	0	0	0	0	0	5	101	0	0	5	106	105	67		
	BOL	12	8	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)	BOL	3	2	0	1	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		
	HND	5	5	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	6	6	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		1714	111	17	79	9	0	117	1384	0	0	8	1509	1496	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 2018/38 - 2019/37

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						
FIO	BRA	2	1	0	2	0	0	0	0	0	0	2	2	100	100	100	
INDRE	MEX	4	2	0	3	0	0	0	0	0	0	4	4	100	100	100	
INH	VEN	3	2	0	1	0	0	0	0	0	0	2	2	0	50	50	
Total		9	5	0	6	0	0	0	0	0	0	1	8	75	88	88	