



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 28 September 2019

Table No.1

Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/39
AND	BOL	3,518,376	35	15
	COL	11,297,750	113	62
	ECU	4,771,737	48	22
	PER	8,826,539	88	76
	VEN	8,801,443	88	55
BRA	BRA	45,418,678	454	220
CAP	CRI	1,056,871	11	5
	GTM	6,149,723	61	41
	HND	2,490,741	25	39
	NIC	1,788,084	18	20
	PAN	1,089,927	11	2
SLV	1,565,217	16	25	
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	581
NOA	CAN	6,045,577	60	0
	USA	61,851,315	NR	NR
SOC	ARG	11,041,661	110	100
	CHL	3,567,505	36	41
	PRY	2,017,183	20	17
	URY	722,459	7	7
Total		226,890,537	1648	1362

*As reported by countries

NR - No reporting

... - No data

Table No.2

AFP cases under investigation (All ages)

Country	Total 2018	Cumm. 2019	Week										
			1-31	32	33	34	35	36	37	38	39		
BOL	0	12	11	1	0	0	...	...	...	...	...	...
COL	0	2	2	0	0	0	0	0	0	0	...	...
ECU	0	5	5	0	0	0	0	0	0	0	0	0	
PER	0	24	22	1	0	1	0	0	0	0	0	0	
VEN	0	48	45	0	0	0	2	1	0	0	0	...	
BRA	0	74	67	1	1	5	0	...	...	...	...	...
CRI	0	1	1	0	0	0	0	0	0	...	...	...
GTM	0	6	1	1	1	2	0	0	1	0	0	0	
HND	0	20	10	3	3	1	0	2	0	1	0	0	
NIC	0	8	5	0	0	1	0	1	0	1	0	0	
PAN	0	1	0	0	0	0	0	0	1	0	0	0	
SLV	0	6	2	1	1	2	0	0	0	0	0	0	
CAR	0	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	6	4	0	1	1	0	0	...	...	...	...
DOM	0	1	1	0	0	...	...	...	...	...	...	...
HTI	6	8	8	0	0	0	0	0	0	0	0	0	
MEX	0	3	0	0	0	0	0	0	1	1	1	1	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	38	34	1	2	0	1	0	0	0	0	0	
CHL	0	2	0	1	0	0	0	1	0	0	0	0	
PRY	0	1	0	0	0	0	0	0	1	0	0	0	
URY	0	4	4	0	...	...	...	...	...	...	...	...
Total	6	270	222	10	9	13	3	5	4	3	1	1	

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 (2018/40 - 2019/39)					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	24	0.68	71	46	...	0	0	45	1.29	96	82	...
	COL	0	0	106	0.91	54	92	97	0	0	168	1.45	51	85	96
	ECU	0	0	43	0.90	91	81	...	0	0	60	1.28	100	72	15
	PER	0	0	92	1.04	68	66	8	0	0	77	0.88	78	71	6
	VEN	0	0	75	0.85	100	61	...	0	3	85	0.97	100	71	...
BRA	BRA	0	1	333	0.70	98	60	94	0	1	501	1.06	98	65	92
CAP	CRI	0	0	8	0.75	75	75	79	0	0	15	1.41	73	80	30
	GTM	0	0	55	0.89	67	76	100	0	0	59	0.98	36	76	99
	HND	0	0	51	1.58	61	92	91	0	0	50	1.55	60	92	90
	NIC	0	0	26	1.43	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	31	1.91	32	97	16	0	0	42	2.58	31	93	21	
CAR	CAR	0	0	5	0.29	100	60	85	0	0	8	0.45	75	38	89
LAC	CUB	0	0	17	0.93	65	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	86	0	0	9	0.25	89	22	84
MEX	MEX	0	0	799	2.28	99	88	68	0	0	705	2.02	99	90	44
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	156	1.41	26	55	100	0	0	200	1.82	35	80	84
	CHL	0	0	61	1.69	67	70	84	0	0	64	1.78	73	61	84
	PRY	0	0	28	1.35	71	89	94	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	1944	1.16	84	77	-	0	4	2256	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 2018/40 - 2019/39

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	30	9	0	0	0	0	4	17	0	0	19	21	21	86		
	PAN	1	0	0	0	0	0	0	1	0	0	0	1	1	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	56	8	0	2	0	0	10	36	0	0	22	46	41	46		
	HND	46	15	0	0	0	0	2	29	0	0	6	30	30	73		
	PAN	4	1	0	0	0	0	1	2	0	0	33	3	3	67		
	PRY	29	2	0	0	0	0	3	24	0	0	11	27	27	59		
	SLV	31	0	0	10	0	0	0	21	0	0	0	21	21	0		
FIO	BRA	216	12	0	16	0	0	3	185	0	0	2	188	186	75		
	PER	74	10	0	11	0	0	3	50	0	0	6	53	53	87		
IEC	BRA	50	14	0	3	0	0	0	33	0	0	0	33	33	70		
INDRE	MEX	730	0	23	10	4	0	62	635	0	0	9	701	698	92		
INH	VEN	61	13	0	14	2	0	6	25	0	0	24	33	33	9		
INS	COL	105	0	0	1	0	0	5	99	0	0	5	104	104	94		
	CRI	5	0	0	0	0	0	0	5	0	0	0	5	5	100		
	ECU	39	5	0	0	0	0	0	34	0	0	0	34	34	32		
IPK	BRA	1	0	0	1	0	0	0	0	0	0	0	0	0	0		
	CUB	17	0	0	6	0	0	2	9	0	0	18	11	11	73		
ISP	CHL	52	0	0	0	0	0	2	50	0	0	4	52	52	92		
MAL	ARG	107	0	0	0	0	0	5	102	0	0	5	107	106	65		
	BOL	11	8	0	0	0	0	0	3	0	0	0	3	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		
	ECU	3	3	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	6	6	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	3	2	0	0	0	0	0	1	0	0	0	1	1	100		
VEN	1	1	0	0	0	0	0	0	0	0	0	0	0	0			
Total		1716	118	23	80	6	0	110	1382	0	0	8	1497	1485	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 2018/40 - 2019/39

Lab.	Country	Number of poliovirus isolated	Poliovirus Intratypic Differentiation Results									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
			Sabin			VDPV			Wild								
			P1	P2	P3	P1	P2	P3	P1	P2	P3						
INDRE	MEX	4	2	0	3	0	0	0	0	0	0	0	4	4	100	100	100
INH	VEN	2	2	0	1	0	0	0	0	0	0	0	2	2	0	50	50
Total		6	4	0	4	0	0	0	0	0	0	0	6	6	67	83	83