



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 19 October 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/42
AND	BOL	3,518,376	35	16
	COL	11,297,750	113	62
	ECU	4,771,737	48	22
	PER	8,826,539	88	83
	VEN	8,801,443	88	76
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	38
	NIC	1,788,084	18	20
	PAN	1,089,927	11	2
SLV	1,565,217	16	27	
CAR	CAR	1,739,441	17	2
LAC	CUB	1,742,844	17	15
	DOM	3,144,441	31	14
	HTI	3,631,337	36	8
MEX	MEX	34,611,688	346	651
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	44
	PRY	2,017,183	20	18
	URY	722,459	7	8
Total		226,890,537	1648	1505

*As reported by countries

NR - No reporting

... - No data

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

Country	Total 2018	Cumm. 2019	Week										
			1-34	35	36	37	38	39	40	41	42		
BOL	0	12	12	0	0	0	0	0	0	0	0	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	0
PER	0	32	26	1	0	0	1	0	3	1	0	0	0
VEN	0	53	37	4	2	2	3	4	0	1	0	0	0
BRA	0	60	55	1	1	3	0	0	0	...	...	...	...
CRI	0	1	1	0	0	0	0	0	0	0	0	0	0
GTM	0	6	5	0	0	1	0	0	0	...	...	...	...
HND	0	4	1	0	2	0	1	0	0	0	0	0	0
NIC	0	4	2	0	1	0	1	0	0	0	0	0	0
PAN	0	1	0	0	0	1	0	0	0	0	0	0	0
SLV	0	9	8	0	0	1	0	0	0	...	...	...	...
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0
CUB	0	6	6	0	0	...	...	...	...	...	...	...	...
DOM	0	3	1	1	0	0	1	0	0	0	0	0	0
HTI	6	8	8	0	0	0	0	0	0	0	0	0	0
MEX	0	0	0	0	0	0	0	0	0	0	0	0	0
CAN	0	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	23	23	0	0	0	0	0	0	0	0	0	0
CHL	0	4	1	0	1	2	0	0	0	0	0	0	0
PRY	0	2	0	0	0	1	0	0	0	0	1	0	0
URY	0	4	4	0	0	0	0	0	0	0	...	...	...
Total	6	239	197	7	7	11	7	4	3	3	0	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 (2018/43 - 2019/42)					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	68	44	0	0	0	45	1.29	96	82	0
	COL	0	0	91	0.78	59	92	97	0	0	168	1.45	51	85	96
	ECU	0	0	40	0.84	90	80	0	0	0	60	1.28	100	72	15
	PER	0	0	96	1.09	68	66	8	0	0	77	0.88	78	71	6
	VEN	0	0	86	0.98	100	57	0	0	3	85	0.97	100	71	0
BRA	BRA	0	1	335	0.71	98	61	94	0	1	501	1.06	98	65	92
CAP	CRI	0	0	7	0.66	71	71	83	0	0	15	1.41	73	80	30
	GTM	0	0	52	0.85	67	77	100	0	0	59	0.98	36	76	99
	HND	0	0	48	1.49	58	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	4	0.37	75	100	87	0	0	16	1.49	81	81	87
SLV	0	0	33	2.03	36	97	15	0	0	42	2.58	31	93	21	
CAR	CAR	0	0	4	0.23	100	75	84	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	15	0.48	27	80	0	0	0	15	0.48	33	93	0
	HTI	0	0	8	0.22	88	63	86	0	0	9	0.25	89	22	84
MEX	MEX	0	0	811	2.32	100	88	65	0	0	705	2.02	99	90	42
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	140	1.27	26	61	100	0	0	200	1.82	35	80	84
	CHL	0	0	59	1.64	64	64	95	0	0	64	1.78	73	61	95
	PRY	0	0	25	1.20	76	88	94	0	0	36	1.73	83	94	87
	URY	0	0	10	1.37	100	--	0	0	0	6	0.82	100	50	0
Total §		0	1	1932	1.15	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 2018/43 - 2019/42

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	9	5	0	0	0	0	0	4	0	0	0	4	4	75		
	NIC	30	4	0	0	0	0	4	22	0	0	15	26	26	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	53	8	0	2	0	0	10	33	0	0	23	43	38	42		
	HND	45	0	0	1	0	0	4	40	0	0	9	43	42	81		
	PAN	4	1	0	0	0	0	1	2	0	0	33	3	3	67		
	PRY	25	2	0	0	0	0	3	20	0	0	13	23	23	52		
	SLV	33	0	0	1	0	0	0	32	0	0	0	32	32	0		
FIO	BRA	220	13	0	12	0	0	5	190	0	0	3	195	193	79		
	PER	78	16	0	11	0	0	3	48	0	0	6	51	51	86		
IEC	BRA	51	11	0	0	0	0	2	38	0	0	5	40	34	71		
INDRE	MEX	741	0	27	5	4	0	62	647	0	0	9	713	710	93		
INH	VEN	63	20	0	14	2	0	6	19	0	0	30	27	27	7		
INS	COL	90	0	0	1	0	0	5	84	0	0	6	89	89	93		
INS	CRI	3	0	0	0	0	0	0	3	0	0	0	3	3	100		
	ECU	36	5	0	0	0	0	0	31	0	0	0	31	31	35		
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	47	0	0	0	0	0	1	46	0	0	2	47	47	91		
MAL	ARG	106	0	0	0	0	0	6	100	0	0	6	106	105	62		
	BOL	11	8	0	0	0	0	0	3	0	0	0	3	3	100		
	URY	2	0	0	0	0	0	0	2	0	0	0	2	2	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	5	5	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	3	3	0	0	0	0	0	0	0	0	0	0	0	0			
Total		1708	111	27	60	6	0	118	1388	0	0	8	1511	1492	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 2018/43 - 2019/42

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