



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 12 October 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/41
AND	BOL	3,518,376	35	15
	COL	11,297,750	113	62
	ECU	4,771,737	48	22
	PER	8,826,539	88	79
	VEN	8,801,443	88	55
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	39
	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	629
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	42
	PRY	2,017,183	20	18
	URY	722,459	7	8
Total		226,890,537	1648	1456

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

Country	Total 2018	Cumm. 2019	Week										
			1-33	34	35	36	37	38	39	40	41		
BOL	0	12	12	0	...	...	...	...	...	...	...	...
COL	0	2	2	0	0	0	0	0	0	0	0	...	
ECU	0	5	5	0	0	0	0	0	0	0	...	...
PER	0	27	23	2	0	0	0	1	0	1	0	...	
VEN	0	48	45	0	2	1	0	0	...	...	...	...
BRA	0	60	51	4	1	1	3	0	0	0	...	...
CRI	0	1	1	0	0	0	0	0	0	0	0	0	
GTM	0	6	3	2	0	0	1	0	0	0	0	...	
HND	0	5	1	1	0	2	0	1	0	0	0	0	
NIC	0	4	1	1	0	1	0	1	0	0	0	0	
PAN	0	1	0	0	0	0	1	0	0	0	0	0	
SLV	0	9	6	2	0	0	1	0	0	0	0	...	
CAR	0	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	6	5	1	0	0	...	...	...	...	...	...
DOM	0	3	1	0	1	0	0	1	0	0	0	0	
HTI	6	8	8	0	0	0	0	0	0	0	0	0	
MEX	0	6	0	0	0	0	0	0	0	0	2	4	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	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	
CHL	0	2	1	0	0	1	0	0	0	0	0	0	
PRY	0	2	0	0	0	0	1	0	0	0	0	1	
URY	0	4	3	1	0	0	0	0	0	0	0	...	
Total	6	234	191	14	4	6	7	4	0	3	5		

*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 (2018/42 - 2019/41)					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	98	0.84	55	92	97	0	0	168	1.45	51	85	96
	ECU	0	0	40	0.84	90	80	...	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	69	0.78	100	62	...	0	3	85	0.97	100	71	...
BRA	BRA	0	1	342	0.72	98	60	94	0	1	501	1.06	98	65	92
CAP	CRI	0	0	7	0.66	71	71	82	0	0	15	1.41	73	80	30
	GTM	0	0	53	0.86	68	77	100	0	0	59	0.98	36	76	99
	HND	0	0	50	1.55	60	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	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	811	2.32	100	89	66	0	0	705	2.02	99	90	43
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	143	1.30	26	62	100	0	0	200	1.82	35	80	84
	CHL	0	0	58	1.61	67	67	84	0	0	64	1.78	73	61	84
	PRY	0	0	27	1.30	78	89	94	0	0	36	1.73	83	94	87
	URY	0	0	10	1.37	100	--	...	0	0	6	0.82	100	50	...
Total §		0	1	1931	1.15	84	78	-	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 2018/42 - 2019/41

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	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	54	8	0	2	0	0	10	34	0	0	23	44	39	44	
	HND	46	0	0	1	0	0	4	41	0	0	9	44	43	81	
	PAN	4	1	0	0	0	0	1	2	0	0	33	3	3	67	
	PRY	27	2	0	0	0	0	3	22	0	0	12	25	25	56	
	SLV	33	0	0	1	0	0	0	32	0	0	0	32	32	0	
FIO	BRA	225	13	0	12	0	0	5	195	0	0	3	200	198	78	
	PER	75	13	0	11	0	0	3	48	0	0	6	51	51	86	
IEC	BRA	53	11	0	0	0	0	2	40	0	0	5	42	36	69	
INDRE	MEX	743	0	28	8	4	0	63	644	0	0	9	711	708	92	
INH	VEN	56	12	0	14	2	0	6	21	0	0	28	29	29	7	
INS	COL	97	0	0	1	0	0	5	91	0	0	5	96	96	94	
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	48	0	0	0	0	0	2	46	0	0	4	48	48	92	
MAL	ARG	109	0	0	0	0	0	7	102	0	0	6	109	108	61	
	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	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		1721	99	28	63	6	0	121	1407	0	0	8	1533	1514	80	

... 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 2018/42 - 2019/41

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						
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