



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 23 November 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/47
AND	BOL	3,518,376	35	19
	COL	11,297,750	113	65
	ECU	4,771,737	48	22
	PER	8,826,539	88	103
	VEN	8,801,443	88	84
BRA	BRA	45,418,678	454	253
CAP	CRI	1,056,871	11	5
	GTM	6,149,723	61	58
	HND	2,490,741	25	43
	NIC	1,788,084	18	25
	PAN	1,089,927	11	3
SLV	SLV	1,565,217	16	29
	CAR	CAR	1,739,441	17	2
LAC	CUB	1,742,844	17	18
	DOM	3,144,441	31	17
	HTI	3,631,337	36	9
MEX	MEX	34,611,688	346	738
NOA	CAN	6,045,577	60	0
	USA	61,851,315	NR	NR
SOC	ARG	11,041,661	110	127
	CHL	3,567,505	36	48
	PRY	2,017,183	20	23
	URY	722,459	7	8
Total		226,890,537	1648	1699

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

Country	Total 2018	Cumm. 2019	Week										
			1-39	40	41	42	43	44	45	46	47		
BOL	0	7	6	1	0	0	0	0	0	0	0	0	...
COL	0	0	0	0	0	0	0	0	0	0	0	0	...
ECU	0	5	5	0	0	0	...	...	...	...	...	...	...
PER	0	49	35	3	1	2	0	6	1	1	...	...	...
VEN	0	58	54	2	2	0	0	0	0	0	0	0	...
BRA	0	60	60	0	...	...	...	...	...	...	...	...	...
CRI	0	1	1	0	0	0	0	0	0	0	0	0	...
GTM	0	12	5	0	1	1	1	3	1	0	0	0	...
HND	0	9	5	0	0	2	0	0	0	0	2	0	...
NIC	0	9	5	0	0	1	0	2	0	1	0	0	...
PAN	0	2	1	0	0	1	0	0	0	0	0	0	...
SLV	0	3	3	0	0	0	0	0	0	0	0	0	...
CAR	0	0	0	0	0	0	0	0	0	0	0	0	...
CUB	0	9	9	0	0	0	0	0	...	...	...	...	...
DOM	0	6	4	0	0	1	0	1	0	0	0	0	...
HTI	6	14	14	0	0	0	0	0	0	0	0	0	...
MEX	0	23	0	1	0	2	3	5	7	5	...	...	...
CAN	0	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	21	21	0	0	0	0	0	0	0	0	0	...
CHL	0	6	4	1	0	1	0	0	0	0	...	...	...
PRY	0	7	1	0	1	2	1	0	0	2	0	0	...
URY	0	4	4	0	...	...	...	...	...	...	...	...	...
Total	6	305	237	8	5	13	5	17	9	11	0	0	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 (2018/48 - 2019/47)					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	21	0.60	71	52	...	0	0	45	1.29	96	82	...
	COL	0	0	79	0.68	66	92	97	0	0	168	1.45	51	85	96
	ECU	0	0	31	0.65	87	84	...	0	0	60	1.28	100	72	15
	PER	0	0	112	1.27	70	63	8	0	0	77	0.88	78	71	6
	VEN	0	0	88	1.00	100	67	...	0	3	85	0.97	100	71	...
BRA	BRA	0	1	282	0.59	98	59	93	0	1	501	1.06	98	65	92
CAP	CRI	0	0	5	0.47	80	100	91	0	0	15	1.41	73	80	30
	GTM	0	1	62	1.01	81	74	100	0	0	59	0.98	36	76	99
	HND	0	0	51	1.58	63	90	91	0	0	50	1.55	60	92	90
	NIC	0	0	29	1.60	100	100	99	0	0	19	1.05	100	100	100
	PAN	0	0	5	0.46	80	100	87	0	0	16	1.49	81	81	87
SLV	0	0	30	1.85	47	97	15	0	0	42	2.58	31	93	21	
CAR	CAR	0	0	3	0.17	100	100	83	0	0	8	0.45	75	38	89
LAC	CUB	0	0	18	1.03	67	89	100	0	0	27	1.48	81	96	100
	DOM	0	0	18	0.57	28	89	...	0	0	15	0.48	33	93	...
	HTI	0	0	9	0.25	89	56	85	0	0	7	0.19	100	29	84
MEX	MEX	0	0	810	2.32	100	87	62	0	0	705	2.02	99	90	40
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	151	1.37	23	65	100	0	0	200	1.82	35	80	84
	CHL	0	0	53	1.47	75	68	94	0	0	64	1.78	73	61	95
	PRY	0	0	27	1.30	81	89	95	0	0	36	1.73	83	94	87
	URY	0	0	9	1.23	100	...	...	0	0	6	0.82	100	50	...
Total §		0	2	1893	1.13	85	78	-	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 2018/48 - 2019/47

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	11	4	0	0	1	0	0	6	0	0	14	7	6	83	
	NIC	32	8	0	0	0	0	4	20	0	0	17	24	24	92	
	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	61	13	0	3	0	1	14	30	0	0	32	45	39	23	
	HND	45	0	0	1	0	0	3	41	0	0	7	44	43	81	
	PAN	5	2	0	0	0	0	1	2	0	0	33	3	3	67	
	PRY	27	7	0	0	0	0	2	18	0	0	10	20	20	45	
	SLV	30	0	0	1	0	0	0	29	0	0	0	29	29	0	
FIO	BRA	178	12	0	12	0	0	4	150	0	0	3	154	152	80	
	PER	79	18	0	1	0	0	3	57	0	0	5	60	60	88	
IEC	BRA	45	11	0	0	0	0	2	32	0	0	6	34	28	79	
INDRE	MEX	730	0	21	8	2	0	62	639	0	0	9	703	699	92	
INH	VEN	74	14	0	6	2	0	7	43	0	0	17	52	48	19	
INS	COL	80	0	0	1	0	0	6	73	0	0	8	79	79	92	
INS	ECU	27	5	0	0	0	0	0	22	0	0	0	22	22	50	
IPK	BRA	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
	CUB	18	0	0	7	0	0	2	9	0	0	18	11	11	73	
ISP	CHL	45	0	0	0	0	0	0	45	0	0	0	45	45	93	
MAL	ARG	121	0	0	1	1	0	8	111	0	0	8	120	119	58	
	BOL	11	1	0	0	0	0	0	10	0	0	0	10	6	67	
	URY	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
(no lab. name)	BOL	4	2	0	0	0	0	0	2	0	0	0	2	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	5	5	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	7	7	0	0	0	0	0	0	0	0	0	0	0	0	
	NIC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	8	7	0	0	0	0	0	1	0	0	0	1	1	100	
VEN	1	0	0	0	0	0	0	1	0	0	100	1	1	0		
Total		1675	122	21	47	6	1	123	1355	0	0	9	1485	1453	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 2018/48 - 2019/47

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						
CAR	HTI	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
CDC	GTM	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
INDRE	MEX	2	0	0	2	0	0	0	0	0	0	0	2	2	100	100	100
INH	VEN	2	2	0	1	0	0	0	0	0	0	0	2	2	0	50	50
MAL	ARG	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		7	2	0	4	0	0	0	0	0	0	2	5	5	60	80	80