



## Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 30 November 2019

**Table No.1**

**Expected and reported AFP cases, 2019**

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/48
AND	BOL	3,518,376	35	20
	COL	11,297,750	113	71
	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	16
	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
LAC	CUB	1,742,844	17	18
	DOM	3,144,441	31	17
	HTI	3,631,337	36	12
MEX	MEX	34,611,688	346	797
NOA	CAN	6,045,577	60	0
	USA	61,851,315	NR	NR
SOC	ARG	11,041,661	110	132
	CHL	3,567,505	36	50
	PRY	2,017,183	20	24
	URY	722,459	7	8
<b>Total</b>		<b>226,890,537</b>	<b>1648</b>	<b>1787</b>

**Table No.2**

**AFP cases under investigation (All ages)**

Country	Total 2018	Cumm. 2019	Week										
			1-40	41	42	43	44	45	46	47	48		
BOL	0	3	3	0	0	0	0	0	0	0	0	0	0
COL	0	0	0	0	0	0	0	0	0	0	0	0	0
ECU	0	5	5	0	0	...	...	...	...	...	...	...	...
PER	0	49	38	1	2	0	6	1	1	0	0	0	0
VEN	0	58	56	2	0	0	0	0	0	0	0	0	0
BRA	0	60	60	...	...	...	...	...	...	...	...	...	...
CRI	0	1	1	0	0	0	0	0	0	0	0	0	0
GTM	0	12	5	1	1	1	3	1	0	0	0	0	0
HND	0	9	5	0	2	0	0	0	2	0	0	...	...
NIC	0	9	5	0	1	0	2	0	1	0	0	0	0
PAN	0	2	1	0	1	0	0	0	0	0	0	0	0
SLV	0	3	3	0	0	0	0	0	0	0	...	...	...
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0
CUB	0	9	9	0	0	0	0	...	...	...	...	...	...
DOM	0	6	4	0	1	0	1	0	0	0	...	...	...
HTI	5	17	16	0	0	0	0	0	0	0	1	0	0
MEX	0	8	0	1	0	0	0	0	0	4	3	0	0
CAN	0	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	16	16	0	0	0	0	0	0	0	0	0	0
CHL	0	4	4	0	0	0	0	0	0	0	0	0	0
PRY	0	8	1	1	2	1	0	1	2	0	0	0	0
URY	0	4	4	...	...	...	...	...	...	...	...	...	...
<b>Total</b>	<b>5</b>	<b>283</b>	<b>236</b>	<b>6</b>	<b>10</b>	<b>2</b>	<b>12</b>	<b>3</b>	<b>10</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*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 (2018/49 - 2019/48)					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	62	...	0	0	45	1.29	96	82	...
	COL	0	0	82	0.71	67	94	97	0	0	168	1.45	51	85	96
	ECU	0	0	29	0.61	86	83	...	0	0	60	1.28	100	72	15
	PER	0	0	111	1.26	70	62	8	0	0	77	0.88	78	71	6
	VEN	0	0	87	0.99	100	67	...	0	3	85	0.97	100	71	...
BRA	BRA	0	1	275	0.58	98	58	93	0	1	501	1.06	98	65	92
CAP	CRI	0	0	16	1.51	94	38	68	0	0	15	1.41	73	80	30
	GTM	0	1	61	0.99	82	75	100	0	0	59	0.98	36	76	99
	HND	0	0	49	1.52	61	90	91	0	0	50	1.55	60	92	90
	NIC	0	0	28	1.54	100	100	100	0	0	19	1.05	100	100	100
	PAN	0	0	5	0.46	80	100	72	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	17	0.54	24	88	...	0	0	15	0.48	33	93	...
	HTI	0	0	12	0.33	83	50	85	0	0	6	0.17	100	33	84
MEX	MEX	0	0	850	2.43	100	88	62	0	0	705	2.02	99	90	39
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	150	1.36	25	67	100	0	0	200	1.82	35	80	84
	CHL	0	0	53	1.47	72	70	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	...
<b>Total §</b>		<b>0</b>	<b>2</b>	<b>1933</b>	<b>1.15</b>	<b>85</b>	<b>78</b>	<b>-</b>	<b>0</b>	<b>4</b>	<b>2253</b>	<b>1.34</b>	<b>83</b>	<b>79</b>	<b>...</b>

+ 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 2018/49 - 2019/48**

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	14	6	0	0	1	0	0	7	0	0	13	8	7	86		
	NIC	31	8	0	0	0	0	4	19	0	0	17	23	23	96		
	PRY	1	1	0	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	0	
CDC	CRI	6	0	0	3	0	0	2	1	0	0	67	3	3	67		
	GTM	60	13	0	3	0	1	14	29	0	0	33	44	38	21		
	HND	43	0	0	1	0	0	3	39	0	0	7	42	41	83		
	PAN	5	2	0	0	0	0	1	2	0	0	33	3	3	67		
	PRY	27	8	0	0	0	0	2	17	0	0	11	19	19	42		
	SLV	30	0	0	1	0	0	0	29	0	0	0	29	29	0	0	
FIO	BRA	173	12	0	12	0	0	4	145	0	0	3	149	147	79		
	PER	78	18	0	1	0	0	3	56	0	0	5	59	59	88		
IEC	BRA	44	10	0	0	0	0	2	32	0	0	6	34	28	79		
INDRE	MEX	768	1	49	3	3	0	64	651	0	0	9	718	715	93		
INH	VEN	73	14	0	6	2	0	7	42	0	0	18	51	47	19		
INS	COL	83	0	0	1	0	0	6	76	0	0	7	82	82	91		
INS	CRI	1	0	0	1	0	0	0	0	0	0	0	0	0	0		
	ECU	25	5	0	0	0	0	0	20	0	0	0	20	20	55		
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	46	0	0	0	0	0	0	46	0	0	0	46	46	93		
MAL	ARG	125	0	0	1	1	0	8	115	0	0	7	124	123	63		
	BOL	17	4	0	0	0	0	0	13	0	0	0	13	5	80		
	URY	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
(no lab. name)	BOL	1	1	0	0	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	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	6	6	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	0	1	1	0			
<b>Total</b>		<b>1713</b>	<b>125</b>	<b>49</b>	<b>45</b>	<b>7</b>	<b>1</b>	<b>125</b>	<b>1362</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>1495</b>	<b>1463</b>	<b>80</b>		

... 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 2018/49 - 2019/48**

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	1	0	0	-	-	-	
CDC	GTM	1	0	0	0	0	0	0	0	0	1	0	0	-	-	-	
INDRE	MEX	3	1	0	3	0	0	0	0	0	0	3	3	100	100	100	
INH	VEN	2	2	0	1	0	0	0	0	0	0	2	2	0	50	50	
MAL	ARG	1	0	0	1	0	0	0	0	0	0	1	1	100	100	100	
<b>Total</b>		<b>8</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>6</b>	<b>67</b>	<b>83</b>	<b>83</b>	