



## Acute Flaccid Paralysis Surveillance in the Americas

Vol. 34, No. 52

Week ending 28 December 2019

**Table No.1**  
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/52
AND	BOL	3,518,376	35	22
	COL	11,297,750	113	76
	ECU	4,771,737	48	22
	PER	8,826,539	88	112
	VEN	8,801,443	88	84
BRA	BRA	45,418,678	454	326
CAP	CRI	1,056,871	11	16
	GTM	6,149,723	61	58
	HND	2,490,741	25	45
	NIC	1,788,084	18	25
	PAN	1,089,927	11	6
SLV	SLV	1,565,217	16	32
	CAR	CAR	1,739,441	17
LAC	CUB	1,742,844	17	22
	DOM	3,144,441	31	18
	HTI	3,631,337	36	14
MEX	MEX	34,611,688	346	839
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	57
	PRY	2,017,183	20	25
	URY	722,459	7	8
<b>Total</b>		<b>226,890,537</b>	<b>1648</b>	<b>1941</b>

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

Country	Total 2018	Cumm. 2019	Week											
			1-44	45	46	47	48	49	50	51	52			
BOL	0	2	0	0	1	1	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	0	0	0	0	0	...	...	...	
PER	0	50	42	3	2	0	2	1	0	0	0	0	0	
VEN	0	58	58	0	0	0	0	0	0	0	...	...	...	
BRA	0	69	64	1	3	0	1	0	...	...	...	...	...	
CRI	0	0	0	0	0	0	0	0	0	0	0	0	0	
GTM	0	12	11	1	0	0	0	0	0	0	...	...	...	
HND	0	8	4	0	2	1	0	0	1	0	0	0	0	
NIC	0	9	8	0	1	0	0	0	0	0	0	0	0	
PAN	0	5	2	1	0	1	1	0	0	0	0	0	0	
SLV	0	4	2	2	0	0	0	0	0	0	...	...	...	
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	13	11	2	0	0	0	0	0	0	...	...	...	
DOM	0	7	7	0	0	0	0	0	0	0	0	0	0	
HTI	10	20	18	0	0	1	0	0	0	1	1	0	0	
MEX	0	19	2	0	5	3	4	4	1	...	...	...	...	
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	...	...	...	...	...	
CHL	0	8	5	1	0	0	0	1	1	1	0	0	0	
PRY	0	4	0	1	2	0	1	0	0	0	0	0	0	
URY	0	4	4	...	...	...	...	...	...	...	...	...	...	
<b>Total</b>	<b>10</b>	<b>313</b>	<b>259</b>	<b>12</b>	<b>16</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>1</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 (2019/1 - 2019/52)					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	22	0.63	73	82	...	0	0	45	1.29	96	82	...
	COL	0	0	76	0.67	67	95	96	0	0	168	1.45	51	85	96
	ECU	0	0	22	0.46	82	86	...	0	0	60	1.28	100	72	15
	PER	0	0	112	1.27	71	62	6	0	0	77	0.88	78	71	6
	VEN	0	0	84	0.95	100	67	...	0	3	85	0.97	100	71	...
BRA	BRA	0	0	326	0.72	98	61	96	0	1	501	1.06	98	65	92
CAP	CRI	0	0	16	1.51	94	81	99	0	0	15	1.41	73	80	96
	GTM	0	1	58	0.94	81	74	100	0	0	59	0.98	36	76	99
	HND	0	0	45	1.81	67	91	90	0	0	50	1.55	60	92	90
	NIC	0	0	25	1.40	100	100	100	0	0	19	1.05	100	100	100
	PAN	0	0	6	0.55	67	100	88	0	0	16	1.49	81	81	87
SLV	0	0	32	2.04	53	91	15	0	0	42	2.58	31	93	20	
CAR	CAR	0	0	2	0.11	100	100	83	0	0	8	0.46	75	38	89
LAC	CUB	0	0	22	1.26	73	91	100	0	0	27	1.48	81	96	100
	DOM	0	0	18	0.57	22	89	...	0	0	15	0.48	33	93	...
	HTI	0	0	14	0.39	86	43	86	0	0	8	0.22	88	25	84
MEX	MEX	0	0	840	2.43	100	88	59	0	0	705	2.02	99	90	37
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	132	1.20	23	67	100	0	0	200	1.82	35	80	84
	CHL	0	0	57	1.60	82	68	93	0	0	64	1.78	73	61	95
	PRY	0	0	25	1.24	88	88	96	0	0	36	1.73	83	94	87
	URY	0	0	8	1.11	100	...	...	0	0	6	0.82	100	50	...
<b>Total §</b>		<b>0</b>	<b>1</b>	<b>1942</b>	<b>1.15</b>	<b>87</b>	<b>79</b>	<b>-</b>	<b>0</b>	<b>4</b>	<b>2255</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 2019/1 - 2019/52**

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	12	1	0	0	0	0	2	9	0	0	18	11	11	100	
	HTI	15	7	0	0	1	0	0	7	0	0	13	8	8	88	
	NIC	25	8	0	0	0	0	1	16	0	0	6	17	17	100	
	PRY	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
CDC	CRI	17	0	0	1	0	0	10	6	0	0	63	16	16	38	
	GTM	57	13	0	3	0	0	15	26	0	0	37	41	35	14	
	HND	38	0	0	2	0	0	2	34	0	0	6	36	35	91	
	PAN	6	5	0	0	0	0	1	0	0	0	100	1	1	0	
	PRY	25	5	0	0	0	0	3	17	0	0	15	20	20	25	
	SLV	31	0	0	1	0	0	0	30	0	0	0	30	30	0	
FIO	BRA	219	19	0	10	1	0	5	184	0	0	3	190	188	72	
	PER	80	19	0	0	0	0	3	58	0	0	5	61	61	93	
IEC	BRA	48	3	0	1	0	0	3	41	0	0	7	44	38	82	
INDRE	MEX	764	1	0	34	3	0	62	667	0	0	9	732	730	93	
INH	VEN	71	14	0	5	2	0	7	41	0	0	18	50	46	20	
INS	COL	77	0	0	1	0	0	5	71	0	0	7	76	76	88	
INS	CRI	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
	ECU	19	3	0	0	0	0	0	16	0	0	0	16	16	69	
IPK	CUB	22	0	0	11	0	0	2	9	0	0	18	11	11	73	
ISP	CHL	50	0	0	0	0	0	0	50	0	0	0	50	50	94	
MAL	ARG	108	0	0	1	1	0	8	98	0	0	8	107	106	65	
	BOL	21	0	0	2	0	0	0	19	0	0	0	19	11	36	
(no lab. name)	BOL	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
	CRI	2	0	0	2	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	
	PER	6	5	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		
<b>Total</b>		<b>1735</b>	<b>120</b>	<b>0</b>	<b>75</b>	<b>8</b>	<b>0</b>	<b>130</b>	<b>1403</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>1541</b>	<b>1511</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 2019/1 - 2019/52**

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	-	-	-
FIO	BRA	1	0	0	1	0	0	0	0	0	0	0	1	1	100	0	0
INDRE	MEX	3	1	0	3	0	0	0	0	0	0	0	3	3	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
<b>Total</b>		<b>8</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>7</b>	<b>71</b>	<b>71</b>	<b>71</b>