



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 20 April 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/16
AND	BOL	3,488,083	35	4
	COL	11,622,602	116	25
	ECU	4,705,464	47	0
	PER	8,786,980	88	19
	VEN	8,765,312	88	0
BRA	BRA	47,426,629	474	52
CAP	CRI	1,065,783	11	1
	GTM	6,032,750	60	16
	HND	3,221,178	32	11
	NIC	1,814,682	18	12
	PAN	1,073,291	11	0
SLV	SLV	1,625,466	16	11
	CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	3
	DOM	3,155,763	32	5
	HTI	3,616,958	36	1
MEX	MEX	34,977,953	350	175
NOA	CAN	5,797,902	58	...
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	16
	CHL	3,603,758	36	7
	PRY	2,077,285	21	6
	URY	731,231	7	...
Total		229,262,842	1682	365

*As reported by countries

NR - No reporting

... - No data

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

Country	Total 2018	Cumm. 2019	Week											
			1-8	9	10	11	12	13	14	15	16			
BOL	7	4	4	0	0	0	0	...	...	...	...	...	...
COL	0	1	1	0	0	0	0	0	0	0	0	0	...	
ECU	18	...	...	...	...	...	...	...	...	...	...	...	...
PER	13	11	3	3	1	0	1	1	1	1	0	1	...	
VEN	21	0	0	...	...	...	...	...	...	...	...	...	...
BRA	0	17	9	0	3	3	2	0	0	0	0	0	...	
CRI	0	1	1	0	0	0	0	0	0	0	0	0	...	
GTM	7	18	8	1	1	1	2	1	2	2	2	...	...
HND	0	7	2	2	0	2	0	0	1	0	0	...	...
NIC	0	9	0	2	1	2	1	0	1	1	1	...	...
PAN	1	0	0	...	...	...	...	...	...	...	...	...	...
SLV	2	12	1	1	1	1	1	4	0	2	1	...	...
CAR	0	0	0	0	0	0	0	0	0	0	0	...	...
CUB	0	3	0	0	0	2	1	0	...	...	...	...	...
DOM	0	5	1	0	1	0	0	1	1	0	1	...	...
HTI	8	1	1	0	0	0	0	0	0	0	0	...	...
MEX	0	7	0	0	0	0	0	3	3	1	0	...	...
CAN	0	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	7	6	1	0	0	0	0	0	0	0	...	...
CHL	0	7	5	0	0	1	0	0	0	1	0	...	...
PRY	0	0	0	0	0	0	0	0	0	0	0	...	...
URY	2	...	...	...	...	...	...	...	...	...	...	...	...
Total	79	110	42	10	8	12	8	10	9	7	4	...	...

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 (2018/17 - 2019/16)					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	29	0.82	86	72	...	0	0	45	1.29	96	80	0
	COL	0	0	151	1.30	56	88	96	0	0	168	1.45	51	85	96
	ECU	0	0	29	0.62	100	69	15	0	0	39	0.83	100	69	15
	PER	0	0	76	0.86	66	71	6	0	0	77	0.88	78	71	6
	VEN	0	0	61	0.70	98	54	...	0	0	76	0.87	99	58	0
BRA	BRA	0	0	396	0.83	97	64	92	0	1	501	1.06	98	65	90
CAP	CRI	0	0	12	1.13	42	100	...	0	0	16	1.50	50	100	0
	GTM	0	0	57	0.93	54	68	100	0	0	58	0.96	36	76	99
	HND	0	0	45	1.40	62	89	90	0	0	50	1.55	60	92	90
	NIC	0	0	25	1.38	100	88	100	0	0	19	1.05	100	100	100
	PAN	0	0	6	0.56	83	83	87	0	0	14	1.30	86	79	87
SLV	0	0	44	2.71	25	91	22	0	0	42	2.58	31	93	23	
CAR	CAR	0	0	4	0.23	75	100	91	0	0	4	0.23	50	75	89
LAC	CUB	0	0	21	1.15	76	95	100	0	0	27	1.48	81	96	100
	DOM	0	0	14	0.44	57	93	...	0	0	15	0.48	33	93	0
	HTI	0	0	7	0.19	86	14	85	0	0	9	0.25	89	22	84
MEX	MEX	0	0	708	2.02	100	89	95	0	0	705	2.02	99	90	60
NOA	CAN	...	...	...	...	...	...	...	0	0	49	...	...	...	...
	USA	NR	NR	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	164	1.49	29	76	...	0	0	198	1.80	35	80	87
	CHL	0	0	48	1.33	60	63	79	0	0	64	1.78	70	61	79
	PRY	0	0	35	1.68	86	91	90	0	0	36	1.73	83	94	87
	URY	0	0	3	0.41	100	...	...	0	0	4	0.55	100	0	0
Total §		0	0	1935	1.15	82	79	-	0	1	2216	1.29	82	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 2018/17 - 2019/16

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	ATG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	BLZ	1	0	0	0	0	0	0	1	0	0	0	1	1	1	100	
	DOM	13	5	0	0	0	0	1	7	0	0	13	8	8	100	100	
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100	100	
	HTI	7	1	0	1	0	0	0	5	0	0	0	5	5	40	40	
	NIC	26	4	0	0	0	0	0	4	18	0	0	18	22	22	86	86
	PAN	7	1	0	0	0	0	0	0	6	0	0	0	6	6	100	100
	TTO	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0
CDC	CRI	3	0	0	1	0	0	2	0	0	0	100	2	2	100	100	
	GTM	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	
	HND	56	22	0	0	0	0	0	33	0	1	0	34	31	100	100	
	PRY	39	0	0	0	0	0	3	36	0	0	8	38	38	84	84	
	SLV	36	1	0	0	0	0	0	35	0	0	0	35	35	100	100	
FIO	BRA	41	0	1	10	0	0	0	30	0	0	0	30	30	0	0	
	PER	291	11	0	19	7	1	4	248	0	0	4	259	258	62	62	
IEC	BRA	66	15	0	11	0	0	1	39	0	0	3	40	40	83	83	
INDRE	MEX	52	3	0	2	0	0	1	46	0	0	2	47	47	72	72	
INH	VEN	658	3	21	5	4	0	55	574	0	0	9	633	631	91	91	
INS	COL	46	7	0	7	2	0	2	28	0	0	13	32	31	29	29	
	CRI	150	0	0	1	0	0	1	148	0	0	1	149	149	93	93	
	ECU	20	0	0	6	0	0	0	14	0	0	0	14	14	50	50	
IPK	CUB	28	17	0	0	0	0	2	9	0	0	18	11	11	91	91	
ISP	CHL	21	0	0	21	0	0	0	0	0	0	0	0	0	0	0	
MAL	ARG	39	0	0	0	0	0	2	37	0	0	5	39	39	97	97	
	BOL	146	0	0	5	2	0	7	132	0	0	6	141	141	65	65	
(no lab. name)	BRA	24	9	0	0	0	0	0	15	0	0	0	15	0	0	0	
	GTM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	
	PRY	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	4	2	0	0	0	0	0	1	1	0	0	50	2	2	0	0	
Total		1791	115	22	89	15	1	86	1465	0	1	6	1566	1543	80	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 2018/17 - 2019/16

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						
FIO	BRA	8	5	0	6	0	0	0	0	0	0	0	8	8	100	75	100
IEC	BRA	0	1	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INDRE	MEX	4	2	0	3	0	0	0	0	0	0	0	4	4	100	100	100
INH	VEN	2	1	0	2	0	0	0	0	0	0	0	1	1	100	100	100
MAL	ARG	2	2	0	2	0	0	0	0	0	0	0	2	2	100	100	100
Total		16	11	0	14	0	0	0	0	0	0	0	16	16	100	88	100