



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 34, No. 15

Week ending 13 April 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/15
AND	BOL	3,488,083	35	4
	COL	11,622,602	116	25
	ECU	4,705,464	47	...
	PER	8,786,980	88	16
	VEN	8,765,312	88	0
BRA	BRA	47,426,629	474	0
CAP	CRI	1,065,783	11	1
	GTM	6,032,750	60	16
	HND	3,221,178	32	10
	NIC	1,814,682	18	10
	PAN	1,073,291	11	0
SLV	SLV	1,625,466	16	2
	CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	3
	DOM	3,155,763	32	1
	HTI	3,616,958	36	0
MEX	MEX	34,977,953	350	169
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	16
	CHL	3,603,758	36	6
	PRY	2,077,285	21	6
	URY	731,231	7	...
Total		229,262,842	1682	286

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

Country	Total 2018	Cumm. 2019	Week										
			1-7	8	9	10	11	12	13	14	15		
BOL	7	4	3	1	0	0	0	0	...	...	...
COL	0	1	1	0	0	0	0	0	0	0	0		
ECU	18	...	...	...	...	...	...	...	...	...	...
PER	13	8	2	1	2	1	0	1	1	0	0		
VEN	21	0	0	...	...	...	...	...	...	...	...
BRA	0	0	0	0	0	0	0	0	0	0	...		
CRI	0	1	0	1	0	0	0	0	0	0	...		
GTM	7	18	8	0	1	1	1	2	1	2	2		
HND	3	7	2	1	2	0	2	0	0	0	0		
NIC	0	9	1	1	2	1	2	1	0	1	...		
PAN	1	0	0	...	...	...	...	...	...	...	...
SLV	2	3	0	1	1	1	0	0	...	...	...
CAR	0	0	0	0	0	0	0	0	0	0	0		
CUB	0	3	0	0	0	0	2	1	0	...	...
DOM	2	1	1	0	0	0	0	...	...	...	...
HTI	8	0	0	0	0	0	0	0	0	0	0		
MEX	0	9	0	0	0	0	0	0	3	5	1		
CAN	0	0	0	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
ARG	0	7	5	1	1	0	0	0	0	0	0		
CHL	0	6	5	0	0	0	1	0	0	0	0		
PRY	7	6	3	1	1	0	0	1	0	0	0		
URY	2	...	...	...	...	...	...	...	...	...	...
Total	91	83	31	8	10	4	8	6	5	8	3		

*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 (2018/16 - 2019/15)					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	31	0.88	87	71	...	0	0	45	1.29	96	80	...
	COL	0	0	155	1.33	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	74	0.84	68	73	6	0	0	77	0.88	78	71	6
	VEN	0	0	61	0.70	98	54	...	0	0	76	0.87	99	58	...
BRA	BRA	0	0	350	0.74	98	64	92	0	1	501	1.06	98	64	90
CAP	CRI	0	0	13	1.22	46	100	...	0	0	16	1.50	50	100	...
	GTM	0	0	57	0.93	54	68	100	0	0	58	0.96	36	76	99
	HND	0	0	44	1.37	61	89	90	0	0	50	1.55	60	92	90
	NIC	0	0	23	1.27	100	91	100	0	0	19	1.05	100	100	100
	PAN	0	0	7	0.65	86	86	87	0	0	14	1.30	86	79	87
SLV	0	0	36	2.21	31	94	23	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	10	0.32	50	100	...	0	0	15	0.48	27	93	...
	HTI	0	0	6	0.17	83	...	84	0	0	9	0.25	89	22	84
MEX	MEX	0	0	721	2.06	100	89	95	0	0	705	2.02	99	90	61
NOA	CAN	...	...	...	...	...	...	...	0	0	49	...	...	...	...
	USA	NR	NR	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	165	1.49	28	76	...	0	0	198	1.80	35	80	87
	CHL	0	0	48	1.33	63	65	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	...	...
Total §		0	0	1893	1.13	82	80	-	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 2018/16 - 2019/15

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	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	10	2	0	0	0	0	1	7	0	0	13	8	8	8	100	
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	1	100	
	HTI	6	1	0	1	0	0	0	4	0	0	0	4	4	4	50	
	NIC	25	3	0	0	0	0	0	4	18	0	0	18	22	22	86	
	PAN	8	1	0	0	0	0	0	7	0	0	0	7	7	7	100	
	PRY	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
TTO	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0		
CDC	CRI	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
	GTM	56	22	0	0	0	0	0	33	0	1	0	34	31	31	100	
	HND	38	0	0	1	0	0	3	34	0	0	8	36	36	86		
	PRY	32	10	0	0	0	0	0	22	0	0	0	22	22	100		
	SLV	35	0	0	4	0	0	0	31	0	0	0	31	31	0		
FIO	BRA	259	5	0	18	7	1	3	224	0	0	4	234	234	62		
	PER	64	12	0	11	0	0	1	40	0	0	2	41	41	80		
IEC	BRA	46	2	0	1	0	0	1	42	0	0	2	43	43	70		
INDRE	MEX	669	3	30	6	4	0	54	576	0	0	9	634	632	91		
INH	VEN	46	7	0	7	2	0	2	28	0	0	13	32	31	29		
INS	COL	154	0	0	1	0	0	1	152	0	0	1	153	153	93		
	CRI	21	0	0	6	0	0	0	15	0	0	0	15	15	47		
	ECU	28	17	0	0	0	0	2	9	0	0	18	11	11	91		
IPK	CUB	21	0	0	21	0	0	0	0	0	0	0	0	0	0		
ISP	CHL	40	0	0	0	0	0	2	38	0	0	5	40	40	98		
MAL	ARG	147	0	0	5	2	0	7	133	0	0	6	142	142	64		
	BOL	26	10	0	0	0	0	0	16	0	0	0	16	0	0		
(no lab. name)	GTM	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	2	2	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	
Total		1756	113	30	84	15	1	82	1433	0	1	6	1530	1508	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 2018/16 - 2019/15

Lab.	Country	Number of poliovirus isolated	Poliovirus Intratypic Differentiation Results									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
			Sabin			VDPV			Wild								
			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