



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 34, No. 22

Week ending 1 June 2019

Table No.1

Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/22
AND	BOL	3,488,083	35	4
	COL	11,622,602	116	38
	ECU	4,705,464	47	0
	PER	8,786,980	88	22
	VEN	8,765,312	88	18
BRA	BRA	47,426,629	474	52
CAP	CRI	1,065,783	11	1
	GTM	6,032,750	60	15
	HND	3,221,178	32	17
	NIC	1,814,682	18	12
	PAN	1,073,291	11	0
SLV	SLV	1,625,466	16	8
	CAR	CAR	1,758,319	18	2
LAC	CUB	1,830,247	18	6
	DOM	3,155,763	32	9
	HTI	3,616,958	36	1
MEX	MEX	34,977,953	350	261
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	48
	CHL	3,603,758	36	14
	PRY	2,077,285	21	9
	URY	731,231	7	0
Total		229,262,842	1682	537

*As reported by countries

NR - No reporting

... - No data

Table No.2

AFP cases under investigation (All ages)

Country	Total 2018	Cumm. 2019	Week											
			1-14	15	16	17	18	19	20	21	22			
BOL	1	4	4	0	0	0	0	0	0	...	...	...
COL	0	9	4	4	1	0	0	0	0	0	0	0		
ECU	18	0	0	0	0	0	0	0	0	...	...	...
PER	13	14	10	0	3	1	0	0	0	0	0	0		
VEN	15	19	12	1	1	2	0	1	0	2	0	0		
BRA	0	17	17	0	0	...	...	...	...	...	...	...
CRI	0	0	0	0	0	0	0	0	0	0	0	0		
GTM	2	8	6	2	0	0	0	0	...	...	...	...
HND	0	8	2	0	0	1	2	1	1	1	1	0		
NIC	0	4	2	1	1	0	0	0	0	0	0	0		
PAN	0	0	0	0	0	0	0	0	0	0	0	...		
SLV	1	2	0	1	0	0	1	0	0	0	0	0		
CAR	0	2	0	0	1	1	0	0	0	0	0	0		
CUB	0	6	3	1	1	1	0	0	0	0	0	0		
DOM	0	9	4	0	2	2	0	1	0	0	0	...		
HTI	8	2	2	0	0	0	0	0	0	0	0	0		
MEX	0	8	0	0	0	0	0	0	1	4	3	0		
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
ARG	2	39	30	2	2	0	1	3	1	0	0	0		
CHL	0	11	4	2	1	1	0	1	2	0	0	0		
PRY	0	3	0	0	0	1	0	0	0	0	0	2		
URY	0	0	0	0	0	0	0	0	0	0	0	...		
Total	60	165	100	14	13	10	4	7	5	7	5			

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 (2018/23 - 2019/22)					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	28	0.80	86	71	...	0	0	46	1.32	96	80	...
	COL	0	0	143	1.23	55	88	96	0	0	168	1.45	51	85	96
	ECU	0	0	26	0.55	100	69	15	0	0	39	0.83	100	69	15
	PER	0	0	59	0.67	58	69	8	0	0	77	0.88	78	71	6
	VEN	0	0	80	0.91	99	60	...	0	0	85	0.97	99	66	...
BRA	BRA	0	0	332	0.70	97	67	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	...
	GTM	0	0	51	0.83	53	69	100	0	0	58	0.96	36	76	99
	HND	0	0	49	1.52	61	92	90	0	0	50	1.55	60	92	90
	NIC	0	0	23	1.27	100	100	100	0	0	19	1.05	100	100	100
	PAN	0	0	6	0.56	67	83	87	0	0	16	1.49	81	81	87
SLV	0	0	34	2.09	32	94	...	0	0	42	2.58	31	93	...	
CAR	CAR	0	0	5	0.29	80	100	89	0	0	4	0.23	50	75	89
LAC	CUB	0	0	22	1.20	73	95	100	0	0	27	1.48	81	96	100
	DOM	0	0	16	0.51	50	94	...	0	0	15	0.48	33	93	...
	HTI	0	0	4	0.11	75	25	86	0	0	9	0.25	89	22	84
MEX	MEX	0	0	729	2.08	99	88	...	0	0	705	2.02	99	90	...
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	175	1.58	26	60	8	0	0	200	1.82	35	79	14
	CHL	0	0	51	1.42	57	61	85	0	0	64	1.78	73	61	84
	PRY	0	0	34	1.64	79	85	92	0	0	36	1.73	83	94	87
	URY	0	0	5	0.68	100	40	...	0	0	6	0.82	100	50	...
Total §		0	0	1884	1.12	81	78	-	0	1	2232	1.30	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 2018/23 - 2019/22

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	
	ATG	1	1	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	100	
	DOM	14	8	0	0	0	0	0	6	0	0	0	6	6	100	
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HTI	4	1	0	1	0	0	0	2	0	0	0	2	2	50	
	NIC	27	1	0	0	0	0	4	22	0	0	15	26	26	88	
	PAN	5	1	0	0	0	0	0	4	0	0	0	4	4	100	
	TTO	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
CDC	CRI	3	0	0	1	0	0	2	0	0	0	100	2	2	100	
	DOM	1	0	0	0	0	0	0	1	0	0	0	1	0	0	
	GTM	52	10	0	0	0	0	1	41	0	0	2	42	37	97	
	HND	42	0	0	0	0	0	3	39	0	0	7	41	41	83	
	PAN	2	0	0	0	0	0	0	2	0	0	0	2	2	100	
	PRY	34	3	0	0	0	0	1	30	0	0	3	31	30	100	
SLV	34	0	0	5	0	0	0	29	0	0	0	29	29	0		
FIO	BRA	255	11	0	18	6	1	3	215	0	0	4	224	223	60	
	PER	51	15	0	10	0	0	1	25	0	0	4	26	26	88	
IEC	BRA	43	3	0	2	0	0	1	37	0	0	3	38	38	66	
INDRE	MEX	667	6	15	7	4	0	61	578	0	0	10	643	640	91	
INH	VEN	65	10	0	3	1	0	12	39	0	0	25	52	52	13	
INS	COL	141	0	0	8	0	0	1	132	0	0	1	133	133	92	
	CRI	20	0	0	6	0	0	0	14	0	0	0	14	14	50	
	ECU	25	17	0	0	0	0	2	6	0	0	25	8	8	88	
IPK	CUB	22	0	0	22	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	41	0	0	0	0	0	2	39	0	0	5	41	41	93	
MAL	ARG	125	0	0	5	2	0	4	114	0	0	5	120	120	63	
	BOL	24	9	0	0	0	0	0	15	0	0	0	15	1	100	
	URY	4	0	0	0	0	0	0	4	0	0	0	4	4	100	
(no lab. name)	BRA	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	DOM	1	1	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	
	PER	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	URY	1	0	0	0	0	0	0	1	0	0	0	1	0	0	
VEN	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
Total		1719	108	15	88	13	1	98	1399	0	0	7	1509	1483	79	

... 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 2018/23 - 2019/22

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	7	4	0	5	0	0	0	0	0	0	0	7	7	100	71	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	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
MAL	ARG	2	2	0	2	0	0	0	0	0	0	0	2	2	100	100	100
Total		14	9	0	11	0	0	0	0	0	0	1	14	14	100	86	100