



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 4 May 2019

Table No.1
Expected and reported AFP cases, 2019

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2019/18
AND	BOL	3,488,083	35	4
	COL	11,622,602	116	31
	ECU	4,705,464	47	...
	PER	8,786,980	88	20
	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	15
	HND	3,221,178	32	12
	NIC	1,814,682	18	12
	PAN	1,073,291	11	0
SLV	1,625,466	16	6	
CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	3
	DOM	3,155,763	32	8
	HTI	3,616,958	36	1
MEX	MEX	34,977,953	350	201
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	28
	CHL	3,603,758	36	10
	PRY	2,077,285	21	7
	URY	731,231	7	...
Total		229,262,842	1682	412

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

Country	Total 2018	Cumm. 2019	Week										
			1-10	11	12	13	14	15	16	17	18		
BOL	7	4	4	0	0	...	...	...	...	...	...	...
COL	0	2	1	0	0	0	1	0	0	0	0	0	
ECU	18	...	...	...	...	...	...	...	...	...	...	...
PER	13	12	7	0	1	1	1	1	0	2	0	0	
VEN	21	0	0	0	0	0	0	0	0	0	0	0	
BRA	0	17	12	3	2	0	0	0	0	0	...	...
CRI	0	1	1	0	0	0	0	0	0	0	0	0	
GTM	2	8	1	1	2	0	2	2	0	0	0	0	
HND	0	3	1	0	0	0	1	0	0	0	0	1	
NIC	0	8	2	2	1	0	1	1	1	0	0	0	
PAN	0	0	0	0	0	0	0	0	0	0	0	0	
SLV	1	6	2	1	0	0	0	2	1	0	0	0	
CAR	1	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	3	0	2	1	0	...	...	...	...	...	...
DOM	0	8	2	0	0	1	1	0	2	2	0	0	
HTI	8	2	1	0	0	1	0	0	0	0	0	0	
MEX	0	1	0	0	0	0	0	0	0	0	1	0	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	19	17	0	2	0	0	0	0	0	0	0	
CHL	0	8	4	1	0	0	0	2	1	0	...	...
PRY	0	1	0	0	0	0	0	0	0	0	1	0	
URY	2	...	...	...	...	...	...	...	...	...	...	...
Total	73	103	55	10	9	3	7	7	7	4	1	1	

*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 (2018/19 - 2019/18)					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	45	1.29	96	80	...
	COL	0	0	151	1.30	55	87	96	0	0	168	1.45	51	85	96
	ECU	0	0	27	0.57	100	67	15	0	0	39	0.83	100	69	15
	PER	0	0	69	0.78	62	70	6	0	0	77	0.88	78	71	6
	VEN	0	0	57	0.65	98	54	...	0	0	76	0.87	99	58	...
BRA	BRA	0	0	379	0.80	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	...
	GTM	0	0	54	0.88	54	70	100	0	0	58	0.96	36	76	99
	HND	0	0	45	1.40	62	91	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	8	0.75	75	88	87	0	0	16	1.49	81	81	87
SLV	0	0	35	2.15	37	94	...	0	0	42	2.58	31	93	...	
CAR	CAR	0	0	4	0.23	75	100	91	0	0	4	0.23	50	75	89
LAC	CUB	0	0	20	1.09	75	95	100	0	0	27	1.48	81	96	100
	DOM	0	0	17	0.54	47	94	...	0	0	15	0.48	33	93	...
	HTI	0	0	5	0.14	80	20	86	0	0	9	0.25	89	22	84
MEX	MEX	0	0	710	2.03	100	87	...	0	0	705	2.02	99	90	...
NOA	CAN	0	0	...	...	...	...	...	0	0	49	...	...	...	...
	USA	NR	NR	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	168	1.52	27	70	8	0	0	198	1.80	35	80	14
	CHL	0	0	50	1.39	56	62	79	0	0	64	1.78	70	61	79
	PRY	0	0	34	1.64	82	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	1901	1.13	82	78	-	0	1	2218	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 2018/19 - 2019/18

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	0	1	0	0	0	1	1	100	
	DOM	16	8	0	0	0	0	1	7	0	0	13	8	8	100		
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	HTI	5	1	0	1	0	0	0	3	0	0	0	3	3	33		
	NIC	26	4	0	0	0	0	4	18	0	0	18	22	22	86		
	PAN	7	1	0	0	0	0	0	6	0	0	0	6	6	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	55	10	0	0	0	0	1	43	0	1	2	45	40	98		
	HND	43	0	0	0	0	0	3	40	0	0	7	42	42	86		
	PAN	2	0	0	0	0	0	0	2	0	0	0	2	2	100		
	PRY	35	2	0	0	0	0	1	32	0	0	3	33	32	100		
	SLV	35	0	1	7	0	0	0	27	0	0	0	27	27	0		
FIO	BRA	281	11	0	19	7	1	4	238	0	0	4	249	248	61		
	PER	59	15	0	10	0	0	1	33	0	0	3	34	34	85		
IEC	BRA	48	3	0	2	0	0	1	42	0	0	2	43	43	70		
INDRE	MEX	642	3	0	5	4	0	57	577	0	0	10	638	635	91		
INH	VEN	41	6	0	7	1	0	2	25	0	0	11	28	28	21		
INS	COL	149	0	0	1	0	0	1	147	0	0	1	148	148	93		
	CRI	20	0	0	6	0	0	0	14	0	0	0	14	14	50		
	ECU	26	17	0	0	0	0	2	7	0	0	22	9	9	89		
IPK	CUB	20	0	0	20	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	98		
MAL	ARG	138	0	0	5	2	0	5	126	0	0	5	133	133	64		
	BOL	23	9	0	0	0	0	0	14	0	0	0	14	0	0		
(no lab. name)	BRA	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	4	4	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		
	VEN	4	2	0	0	0	0	1	1	0	0	50	2	2	0		
Total		1731	100	1	84	14	1	88	1445	0	1	7	1547	1522	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 2018/19 - 2019/18

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	1	1	0	1	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		15	11	0	13	0	0	0	0	0	0	0	16	16	100	88	100