



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 19 May 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/20
AND	BOL	3,488,083	35	18
	COL	11,622,602	116	44
	ECU	4,705,464	47	10
	PER	8,786,980	88	30
	VEN	8,765,312	88	8
BRA	BRA	47,426,629	474	108
CAP	CRI	1,065,783	11	4
	GTM	6,032,750	60	16
	HND	3,221,178	32	16
	NIC	1,814,682	18	8
	PAN	1,073,291	11	8
	SLV	1,625,466	16	12
CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	7
	DOM	3,155,763	32	5
	HTI	3,616,958	36	3
MEX	MEX	34,977,953	350	207
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	46
	CHL	3,603,758	36	23
	PRY	2,077,285	21	9
	URY	731,231	7	0
Total		229,262,842	1682	583

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

Country	Total 2017	Cumm. 2018	Week									
			1-12	13	14	15	16	17	18	19	20	
BOL	3	18	15	0	0	2	0	1	0	0	0	
COL	1	37	21	4	3	1	3	2	3	0	0	
ECU	1	9	8	0	1	0	0	0	0	0	...	
PER	0	20	6	0	2	1	1	2	5	1	2	
VEN	1	2	2	0	0	0	0	0	0	0	0	
BRA	0	50	27	4	4	4	3	4	3	1	...	
CRI	0	4	2	0	2	0	0	0	0	0	0	
GTM	1	8	5	1	1	1	0	0	0	0	0	
HND	0	4	0	1	2	1	0	0	0	0	0	
NIC	0	4	0	0	0	2	0	0	0	2	0	
PAN	0	7	4	0	1	1	1	0	0	0	0	
SLV	0	10	6	0	0	0	1	0	1	2	...	
CAR	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	7	5	0	1	0	0	0	1	0	0	
DOM	1	5	3	0	1	1	0	0	0	0	...	
HTI	2	3	3	0	0	0	0	0	0	0	...	
MEX	0	13	3	1	0	1	1	1	4	2	0	
CAN	0	0	0	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	17	6	4	5	1	1	0	0	0	0	
CHL	0	17	11	2	1	1	1	0	1	0	0	
PRY	0	3	0	0	1	0	0	1	1	0	0	
URY	0	0	0	0	...	...	...	...	...	...	...
Total	10	238	127	17	25	17	12	11	19	8	2	

*As reported by countries

NR - No reporting

... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2018 and 2017

Sub Region	Country	Polio 2018		AFP Cases and indicators, last 52 weeks (2017/21 - 2018/20)					Polio 2017		AFP Cases and indicators, 2017 (2017/1 - 2017/52)				
		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	34	0.97	59	82	...	0	0	26	0.75	12	81	...
	COL	0	0	142	1.22	61	82	95	0	0	156	1.34	60	83	95
	ECU	0	0	27	0.57	100	78	...	0	0	38	0.81	97	84	...
	PER	0	0	61	0.69	89	79	47	0	0	52	0.59	73	71	52
	VEN	0	0	54	0.62	85	69	...	0	4	84	0.96	87	80	84
BRA	BRA	0	0	388	0.82	100	66	79	0	1	486	1.02	99	69	32
CAP	CRI	0	0	17	1.60	71	94	...	0	0	27	2.53	78	89	...
	GTM	0	0	49	0.81	...	80	90	0	0	46	0.76	...	72	83
	HND	0	0	41	1.27	39	93	90	0	0	48	1.49	48	92	90
	NIC	0	0	23	1.27	83	96	100	0	0	19	1.05	74	95	99
	PAN	0	0	23	2.14	61	87	86	0	0	22	2.05	50	95	84
	SLV	0	0	41	2.52	32	83	31	0	0	41	2.52	34	93	33
CAR	CAR	0	0	2	0.11	...	50	75	0	0	6	0.34	83	100	72
LAC	CUB	0	0	16	0.87	6	44	100	0	0	15	0.82	...	...	100
	DOM	0	0	15	0.48	...	93	...	0	0	15	0.48	...	87	...
	HTI	0	0	7	0.19	100	43	60	0	0	8	0.22	63	50	46
MEX	MEX	0	0	613	1.75	99	84	95	0	0	569	1.63	99	83	...
NOA	CAN	0	0	5	0.09	...	...	...	0	0	19	0.33	...	26	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	183	1.67	47	76	82	0	0	205	1.87	42	79	81
	CHL	0	0	65	1.80	89	60	75	0	0	69	1.91	97	71	74
	PRY	0	0	28	1.35	89	100	92	0	0	30	1.44	87	93	91
	URY	0	0	4	0.55	100	...	...	0	0	4	0.55	100	...	...
Total §		0	0	1838	1.09	81	77	-	0	5	1985	1.18	79	78	-

+ 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 2017/21 - 2018/20

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	DOM	14	5	0	0	0	0	1	8	0	0	11	9	9	100		
	GUY	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	39	0	0	0	0	0	1	36	0	0	3	37	37	100		
	HTI	6	2	0	1	0	0	0	3	0	0	0	3	3	67		
	NIC	26	2	0	0	0	0	0	5	19	0	0	24	24	92		
	PAN	25	9	0	0	0	0	0	3	13	0	0	19	16	94		
SUR	1	0	0	0	0	0	0	0	1	0	0	1	1	100			
CDC	GTM	49	9	0	2	1	1	1	36	0	0	5	38	23	0		
	PRY	28	3	0	0	0	0	2	23	0	0	8	25	25	72		
	SLV	39	0	0	1	0	0	0	38	0	0	0	38	38	0		
FIO	BRA	262	16	0	10	2	0	4	230	0	0	3	236	235	55		
	PER	39	2	4	0	0	0	2	31	0	0	6	33	33	42		
IEC	BRA	59	5	0	0	0	0	5	49	0	0	9	54	53	79		
INDRE	MEX	543	0	14	2	1	0	38	489	0	0	7	528	528	98		
INH	VEN	49	3	0	2	1	0	10	33	0	0	25	44	44	75		
INS	COL	135	0	4	3	0	0	7	121	0	0	5	128	128	94		
	BRA	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	CRI	25	7	0	0	0	0	2	16	0	0	11	18	18	100		
	ECU	22	0	0	0	0	0	0	22	0	0	0	22	22	100		
	VEN	1	0	0	0	0	0	0	0	1	0	0	1	1	100		
IPK	CUB	7	0	0	7	0	0	0	0	0	0	0	0	0	0		
ISP	CHL	48	0	0	0	0	0	4	44	0	0	8	48	48	92		
MAL	ARG	151	0	0	1	0	0	9	141	0	0	6	150	145	81		
	BOL	34	20	0	0	0	0	1	13	0	0	7	14	14	93		
(no lab. name)	DOM	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	ECU	5	5	0	0	0	0	0	0	0	0	0	0	0	0		
	GTM	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	6	4	0	1	0	0	0	1	0	0	0	1	0	0		
	PER	12	12	0	0	0	0	0	0	0	0	0	0	0	0		
VEN	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total		1630	109	22	30	5	1	95	1368	0	0	7	1468	1445	82		

... 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 2017/21 - 2018/20

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 Indicators		
			Sabin			VDPV			Wild						% 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						
CDC	GTM	2	0	0	1	0	0	0	0	0	0	1	1	-	-	-	
FIO	BRA	2	2	0	1	0	0	0	0	0	0	0	2	2	50	100	100
INDRE	MEX	1	1	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INH	VEN	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INS	COL	0	1	0	0	0	0	0	0	0	0	0	1	1	100	100	100
Total		6	4	0	4	0	0	0	0	0	0	1	6	6	80	100	100