



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 5 May 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/18
AND	BOL	3,488,083	35	17
	COL	11,622,602	116	28
	ECU	4,705,464	47	9
	PER	8,786,980	88	17
	VEN	8,765,312	88	8
BRA	BRA	47,426,629	474	40
CAP	CRI	1,065,783	11	4
	GTM	6,032,750	60	10
	HND	3,221,178	32	16
	NIC	1,814,682	18	6
	PAN	1,073,291	11	8
	SLV	1,625,466	16	9
CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	6
	DOM	3,155,763	32	5
	HTI	3,616,958	36	2
MEX	MEX	34,977,953	350	175
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	7
	URY	731,231	7	0
Total		229,262,842	1682	437

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

Country	Total 2017	Cumm. 2018	Week									
			1-10	11	12	13	14	15	16	17	18	
BOL	19	17	12	2	1	0	0	2	0	0	0	0
COL	1	21	15	2	1	3	0	0	0	0	0	0
ECU	1	8	6	2	0	0	0	0	...	...	...	...
PER	0	14	7	0	4	0	1	1	1	0	...	...
VEN	0	6	6	0	0	0	0	0	0	0	0	0
BRA	0	25	24	1	0	0	0	0	...	...	...	...
CRI	0	5	1	1	1	0	2	0	0	0	0	0
GTM	1	3	3	0	0	0	0	0	0	0	0	0
HND	0	4	0	0	0	1	2	1	0	0	0	0
NIC	0	2	0	0	0	0	0	2	0	0	0	0
PAN	0	7	4	0	0	0	1	1	1	0	0	0
SLV	1	7	6	0	0	0	0	0	1	0	...	...
CAR	0	2	2	0	0	0	0	0	0	0	0	0
CUB	0	6	4	1	0	0	1	0	0	0	0	0
DOM	4	5	3	0	0	0	1	1	0	0	0	0
HTI	2	2	2	0	0	0	0	0	0	0	0	0
MEX	5	13	3	1	1	2	0	1	5	0	...	...
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	17	4	1	1	4	5	1	1	0	0	0
CHL	0	20	14	0	1	2	1	0	1	0	1	1
PRY	0	1	0	0	0	0	1	0	0	0	0	0
URY	0	0	0	0	0	0	...	...	...	...	...	...
Total	34	185	116	11	10	12	15	10	10	0	1	1

*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 (2017/19 - 2018/18)					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	44	1.26	68	82	...	0	0	39	1.12	62	85	0
	COL	0	0	132	1.14	63	81	95	0	0	156	1.34	60	83	95
	ECU	0	0	28	0.60	100	82	...	0	0	38	0.81	97	84	0
	PER	0	0	49	0.56	84	78	47	0	0	52	0.59	73	69	52
	VEN	0	0	56	0.64	88	64	...	0	0	82	0.94	88	79	84
BRA	BRA	0	0	343	0.72	100	68	67	0	1	485	1.02	99	69	32
CAP	CRI	0	0	19	1.78	68	95	...	0	0	27	2.53	78	89	0
	GTM	0	0	45	0.75	...	80	89	0	0	46	0.76	0	72	83
	HND	0	0	46	1.43	37	93	90	0	0	48	1.49	48	92	90
	NIC	0	0	21	1.16	81	95	100	0	0	19	1.05	74	95	99
	PAN	0	0	24	2.24	58	88	86	0	0	22	2.05	50	95	84
	SLV	0	0	41	2.52	34	88	32	0	0	42	2.58	33	90	34
CAR	CAR	0	0	4	0.23	50	75	74	0	0	6	0.34	67	100	72
LAC	CUB	0	0	18	0.98	6	33	100	0	0	15	0.82	0	0	100
	DOM	0	0	15	0.48	...	87	...	0	0	15	0.48	0	80	0
	HTI	0	0	6	0.17	100	50	60	0	0	8	0.22	63	50	46
MEX	MEX	0	0	598	1.71	99	82	...	0	0	565	1.62	99	83	0
NOA	CAN	0	0	5	0.09	...	...	...	0	0	19	0.33	0	26	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	192	1.75	46	76	82	0	0	205	1.87	42	79	81
	CHL	0	0	69	1.91	86	61	76	0	0	69	1.91	97	71	74
	PRY	0	0	28	1.35	86	100	92	0	0	30	1.44	87	93	91
	URY	0	0	4	0.55	100	...	0	0	0	4	0.55	100	0	0
Total §		0	0	1787	1.06	80	77	-	0	1	1992	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 2017/19 - 2018/18

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	DOM	14	8	0	0	0	0	0	6	0	0	0	6	6	100	
	GUY	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	44	0	0	0	0	0	2	40	0	0	5	42	42	100	
	HTI	6	2	0	1	0	0	0	3	0	0	0	3	3	67	
	JAM	2	0	0	0	0	0	0	2	0	0	0	2	2	100	
	NIC	24	2	0	0	0	0	5	17	0	0	23	22	22	91	
	PAN	26	9	0	0	0	0	3	14	0	0	18	17	17	94	
	SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
CDC	GTM	43	3	0	1	1	1	1	37	0	0	5	39	25	0	
	PRY	28	1	0	0	0	0	2	25	0	0	7	27	27	74	
	SLV	42	0	0	1	0	0	0	41	0	0	0	41	41	0	
FIO	BRA	244	9	0	14	2	0	4	215	0	0	3	221	220	52	
	PER	29	2	0	0	0	0	0	27	0	0	0	27	27	48	
IEC	BRA	55	4	0	0	0	0	3	48	0	0	6	51	50	82	
INDRE	MEX	518	0	8	22	1	0	38	450	0	0	8	489	489	98	
INH	VEN	51	7	0	2	1	0	9	32	0	0	24	42	42	79	
INS	COL	123	0	0	2	0	0	6	115	0	0	5	121	121	93	
	CRI	29	8	0	0	0	0	2	19	0	0	10	21	21	100	
	ECU	23	0	0	0	0	0	0	23	0	0	0	23	23	100	
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
IPK	CUB	6	0	0	6	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	52	0	0	0	0	0	4	48	0	0	8	52	52	92	
MAL	ARG	160	0	0	1	0	0	9	150	0	0	6	159	154	79	
	BOL	44	30	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	13	13	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		
Total		1593	111	8	51	5	1	89	1328	0	0	7	1422	1400	81	

... 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 2017/19 - 2018/18

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						
CDC	GTM	2	0	0	0	0	0	0	0	0	0	2	0	0	-	-	-
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	3	0	0	0	0	0	0	2	5	5	80	100	100