



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 15 December 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/50
AND	BOL	3,488,083	35	44
	COL	11,622,602	116	151
	ECU	4,705,464	47	39
	PER	8,786,980	88	57
	VEN	8,765,312	88	67
BRA	BRA	47,426,629	474	349
CAP	CRI	1,065,783	11	12
	GTM	6,032,750	60	54
	HND	3,221,178	32	47
	NIC	1,814,682	18	17
	PAN	1,073,291	11	13
	SLV	1,625,466	16	42
CAR	CAR	1,758,319	18	3
LAC	CUB	1,830,247	18	27
	DOM	3,155,763	32	14
	HTI	3,616,958	36	8
MEX	MEX	34,977,953	350	667
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	166
	CHL	3,603,758	36	57
	PRY	2,077,285	21	33
	URY	731,231	7	4
Total		229,262,842	1682	1871

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

Country	Total 2017	Cumm. 2018	Week										
			1-42	43	44	45	46	47	48	49	50		
BOL	0	30	22	2	2	2	0	1	1	0	0		
COL	0	15	6	0	2	2	1	4	0	0	0		
ECU	0	18	18	0	0	0	0	0	0	0	...		
PER	0	15	14	0	0	1	0	0	0	0	0		
VEN	0	13	13	0	0	0	0	0	0	0	0		
BRA	0	100	86	4	4	5	1	0	0	0	...		
CRI	0	9	9	0	0	0	0	0	0	0	0		
GTM	1	5	2	0	1	0	0	2	0	0	0		
HND	0	6	0	0	0	0	2	0	3	0	0		
NIC	0	4	0	0	0	1	0	1	1	1	1		
PAN	0	1	1	0	0	0	0	0	0	0	...		
SLV	0	15	9	1	1	2	1	0	1	0	0		
CAR	0	5	3	0	1	0	1	0	0	0	0		
CUB	0	0	0	0	0	0	0	0	0	0	...		
DOM	0	0	0	0	0	0	0	0	0	0	...		
HTI	0	5	5	0	0	0	0	0	0	0	0		
MEX	0	6	2	0	0	0	0	0	2	1	2		
CAN	0	0	0	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
ARG	0	22	16	0	1	2	0	1	2	0	0		
CHL	0	31	23	3	1	2	0	2	0	0	0		
PRY	0	18	14	0	0	2	0	0	1	1	0		
URY	0	2	2	0	0	...	...	...	...	...	...
Total	1	320	245	10	13	19	6	11	11	3	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 (2017/51 - 2018/50)					Polio 2017		AFP Cases and indicators, 2017 (2017/01 - 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	45	1.29	93	82	...	0	0	14	0.40	21	79	...
	COL	0	0	153	1.32	46	84	96	0	0	156	1.34	60	83	95
	ECU	0	0	39	0.83	100	69	15	0	0	38	0.81	97	84	...
	PER	0	0	58	0.66	88	74	4	0	0	51	0.58	73	71	47
	VEN	0	0	71	0.81	99	61	...	0	3	86	0.98	87	80	84
BRA	BRA	0	0	356	0.75	99	62	87	0	1	486	1.02	99	69	29
CAP	CRI	0	0	12	1.13	83	100	...	0	0	27	2.53	78	89	...
	GTM	0	0	55	0.91	33	78	99	0	0	45	0.75	2	71	83
	HND	0	0	47	1.46	62	94	90	0	0	48	1.49	48	92	90
	NIC	0	0	18	0.99	100	100	100	0	0	19	1.05	74	95	99
	PAN	0	0	14	1.30	79	86	87	0	0	22	2.05	50	95	84
	SLV	0	0	42	2.58	29	90	25	0	0	41	2.52	34	93	29
CAR	CAR	0	0	3	0.17	33	67	87	0	0	6	0.34	83	100	72
LAC	CUB	0	0	27	1.48	81	96	100	0	0	15	0.82	...	...	100
	DOM	0	0	14	0.44	29	93	...	0	0	15	0.48	...	87	...
	HTI	0	0	8	0.22	88	25	84	0	0	8	0.22	63	50	46
MEX	MEX	0	0	683	1.95	100	88	95	0	0	569	1.63	99	83	...
NOA	CAN	0	0	0	...	...	...	...	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	173	1.57	38	73	87	0	0	205	1.87	42	79	81
	CHL	0	0	58	1.61	67	59	77	0	0	69	1.91	97	71	74
	PRY	0	0	34	1.64	85	91	93	0	0	30	1.44	87	93	89
	URY	0	0	4	0.55	100	...	...	0	0	4	0.55	100	...	...
Total §		0	0	1914	1.13	82	79	-	0	4	1973	1.17	79	78	-

+ Taken within 14 days of onset of paralysis
§ Excluding USA

... - No data
NR - No reporting

CAR includes reports from all CARPHA member countries

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 2017/51 - 2018/50

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	
	DOM	14	0	0	0	0	0	1	13	0	0	7	14	14	100		
	GUY	2	1	0	0	0	0	0	1	0	0	0	1	1	100		
	HTI	8	2	0	0	0	0	0	6	0	0	0	6	4	50		
	NIC	19	3	0	0	0	0	0	15	0	0	0	15	15	100		
	PAN	15	2	0	1	0	0	1	11	0	0	8	12	12	100		
CDC	GTM	53	2	0	1	1	0	1	47	0	1	4	50	44	80		
	HND	43	0	0	0	0	0	2	40	0	0	5	41	41	98		
	PRY	32	16	0	0	0	0	1	15	0	0	6	16	16	100		
	SLV	41	0	0	10	0	0	0	31	0	0	0	31	31	0		
FIO	BRA	250	12	0	27	5	1	1	202	0	0	3	208	208	55		
	PER	43	12	0	1	0	0	2	28	0	0	7	30	30	60		
IEC	BRA	41	5	0	1	0	0	3	32	0	0	9	35	35	91		
INDRE	MEX	628	5	20	4	3	0	50	549	0	0	9	602	602	99		
INH	VEN	62	6	0	8	2	0	5	41	0	0	15	48	47	36		
INS	COL	153	0	0	11	0	0	2	140	0	0	1	142	142	94		
	CRI	21	6	0	6	0	0	0	9	0	0	0	9	9	0		
	ECU	38	17	0	0	0	0	2	19	0	0	10	21	21	95		
IPK	CUB	27	0	0	27	0	0	0	0	0	0	0	0	0	0		
ISP	CHL	45	0	0	0	0	0	3	42	0	0	7	45	45	98		
MAL	ARG	144	0	0	8	2	0	7	127	0	0	7	136	136	75		
	BOL	45	30	0	0	0	0	2	13	0	0	13	15	15	100		
(no lab. name)	GTM	3	3	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	6	6	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	8	8	0	0	0	0	0	0	0	0	0	0	0	0		
	PRY	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	VEN	3	2	0	0	0	0	0	1	0	0	0	1	1	0		
Total		1746	140	20	105	13	1	83	1382	0	1	6	1478	1469	83		

... 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 2017/51 - 2018/50

Lab.	Country	Number of poliovirus Isolated	Poliovirus Intratypic Differentiation Results									Pending ITD results	Number of specimens with ITD results	ITD Indicators			
			Sabin			VDPV			Wild					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	1	0	0	1	0	0	0	0	0	0	1	1	100	100	100	
FIO	BRA	6	4	0	4	0	0	0	0	0	0	6	6	100	67	100	
INDRE	MEX	3	3	0	2	0	0	0	0	0	0	3	3	100	100	100	
INH	VEN	2	1	0	2	0	0	0	0	0	0	1	1	100	100	100	
INS	COL	0	1	0	0	0	0	0	0	0	0	1	1	100	100	100	
MAL	ARG	2	2	0	2	0	0	0	0	0	0	2	2	100	100	100	
Total		14	11	0	11	0	0	0	0	0	0	14	14	100	86	100	

* iVDPV