



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 17 February 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/7
AND	BOL	3,488,083	35	0
	COL	11,622,602	116	7
	ECU	4,705,464	47	0
	PER	8,786,980	88	3
	VEN	8,765,312	88	0
BRA	BRA	47,426,629	474	0
CAP	CRI	1,065,783	11	0
	GTM	6,032,750	60	0
	HND	3,221,178	32	6
	NIC	1,814,682	18	3
	PAN	1,073,291	11	3
	SLV	1,625,466	16	2
CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	3
	DOM	3,155,763	32	0
	HTI	3,616,958	36	0
MEX	MEX	34,977,953	350	73
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	2
	CHL	3,603,758	36	7
	PRY	2,077,285	21	3
	URY	731,231	7	0
Total		229,262,842	1682	113

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

Country	Total 2017	Cumm. 2018	Week						
			1	2	3	4	5	6	7
BOL	27	...	...	...	...	...	...	...
COL	3	0	0	0	0	0	0	0	
ECU	3	0	0	0	...	...	...	...
PER	5	3	0	1	0	0	2	0	
VEN	6	0	0	0	0	0	0	0	
BRA	84	0	0	0	0	0	0	...	
CRI	0	1	0	1	0	0	0	...	
GTM	3	0	0	0	0	0	0	0	
HND	6	6	2	1	0	0	0	2	
NIC	1	3	1	0	0	0	1	0	
PAN	5	3	0	1	1	1	0	...	
SLV	8	2	0	0	1	0	0	1	
CAR	1	2	0	2	0	0	0	0	
CUB	0	3	1	2	0	0	0	...	
DOM	3	0	0	0	0	0	0	0	
HTI	3	0	0	0	0	0	0	0	
MEX	5	16	1	2	1	2	4	3	
CAN	0	0	0	0	0	0	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	7	2	0	1	1	...	...	...
CHL	5	7	1	1	3	1	0	1	
PRY	1	4	1	0	2	0	0	0	
URY	1	...	...	...	...	...	...	...
Total	177	52	7	12	9	4	7	6	

*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 (2017/8 - 2018/7)					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	29	0.83	62	79	...	0	0	35	1.00	69	83	...
	COL	0	0	138	1.19	57	83	95	0	0	156	1.34	60	83	95
	ECU	0	0	29	0.62	97	83	...	0	0	38	0.81	97	84	...
	PER	0	0	51	0.58	75	71	50	0	0	52	0.59	73	69	52
	VEN	0	0	67	0.76	90	75	83	0	0	83	0.95	88	78	84
BRA	BRA	0	0	373	0.79	99	68	39	0	0	439	0.93	99	68	33
CAP	CRI	0	0	25	2.35	80	88	...	0	0	27	2.53	78	89	...
	GTM	0	0	34	0.56	...	74	84	0	0	38	0.63	...	71	83
	HND	0	0	41	1.27	34	90	90	0	0	48	1.49	40	92	90
	NIC	0	0	20	1.10	75	95	99	0	0	19	1.05	74	95	99
	PAN	0	0	23	2.12	52	91	85	0	0	22	2.05	50	95	84
	SLV	0	0	42	2.58	31	86	34	0	0	42	2.58	31	90	36
CAR	CAR	0	0	5	0.29	60	80	65	0	0	6	0.34	67	100	64
LAC	CUB	0	0	18	0.98	94	89	100	0	0	15	0.82	93	87	100
	DOM	0	0	6	0.19	...	83	...	0	0	7	0.22	...	86	...
	HTI	0	0	7	0.19	57	43	52	0	0	8	0.22	63	50	46
MEX	MEX	0	0	583	1.67	98	83	...	0	0	565	1.62	99	83	...
NOA	CAN	0	0	10	0.17	...	10	...	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	171	1.55	42	78	82	0	0	197	1.79	42	78	81
	CHL	0	0	65	1.80	74	60	...	0	0	69	1.91	77	70	...
	PRY	0	0	28	1.35	89	93	91	0	0	30	1.44	87	93	91
	URY	0	0	1	0.14	100	...	...	0	0	1	0.14	100	...	...
Total [§]		0	0	1766	1.05	80	78	-	0	0	1916	1.14	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 2017/8 - 2018/7

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test												
			Pending results			With results						% Positive specimens for NPEV	Timing of isolation results		
			Not yet in lab.	Received ≤14 Days	Received >14 Days	Only poliovirus	Poliovirus & NPEV	Only NPEV	Negative	Others	Inadequate		Total specimens with results	Total with reception & result dates	% Results ≤ 14 days
CAR	DOM	6	2	0	0	0	0	0	4	0	0	0	4	3	100
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HND	31	0	0	1	0	0	2	26	0	0	7	28	28	100
	HTI	6	1	0	0	0	0	0	5	0	0	0	5	3	100
	JAM	2	0	0	0	0	0	0	2	0	0	0	2	2	100
	NIC	27	2	0	0	0	0	7	17	1	0	29	25	25	92
	PAN	25	10	0	0	0	0	3	12	0	0	20	15	15	93
	SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100
CDC	GTM	31	0	0	0	0	0	1	30	0	0	3	31	30	0
	PRY	27	3	0	0	0	0	1	23	0	0	4	24	24	54
	SLV	42	0	0	0	0	0	0	42	0	0	0	42	42	0
FIO	BRA	268	9	0	14	6	0	6	233	0	0	5	245	243	52
	PER	39	4	0	2	0	0	0	33	0	0	0	33	21	48
IEC	BRA	55	4	0	0	0	0	1	50	0	0	2	51	50	98
INDRE	MEX	509	0	24	10	3	0	43	432	0	0	10	478	478	99
INH	VEN	61	3	0	2	1	0	9	46	0	0	18	56	56	77
INS	COL	129	0	0	1	0	0	6	122	0	0	5	128	128	95
	CRI	39	2	0	0	0	0	2	35	0	0	5	37	37	97
	ECU	26	0	0	1	0	0	0	25	0	0	0	25	24	88
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	100
IPK	CUB	19	12	0	7	0	0	0	0	0	0	0	0	0	0
ISP	CHL	48	0	0	0	0	0	5	43	0	0	10	48	48	94
MAL	ARG	153	0	0	1	0	0	7	145	0	0	5	152	147	73
	BOL	29	27	0	0	0	0	0	2	0	0	0	2	2	50
(no lab. name)	CAN	1	0	0	0	0	0	0	1	0	0	0	1	0	0
	CRI	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	ECU	3	3	0	0	0	0	0	0	0	0	0	0	0	0
	GTM	4	4	0	0	0	0	0	0	0	0	0	0	0	0
	HND	14	11	0	2	0	0	0	1	0	0	0	1	0	0
	HTI	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	PER	4	4	0	0	0	0	0	0	0	0	0	0	0	0
Total		1603	103	24	41	10	0	93	1332	1	0	7	1436	1409	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 2017/8 - 2018/7

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	6	4	0	3	0	0	0	0	0	0	0	6	6	83	67	100
INDRE	MEX	3	0	0	3	0	0	0	0	0	0	0	3	3	100	100	100
INH	VEN	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INS	COL	0	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		10	4	0	8	0	0	0	0	0	0	0	11	11	91	82	100