



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 33, No. 4

Week ending 27 January 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/4
AND	BOL	3,488,083	35	0
	COL	11,622,602	116	0
	ECU	4,705,464	47	0
	PER	8,786,980	88	1
	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	3
	NIC	1,814,682	18	1
	PAN	1,073,291	11	0
	SLV	1,625,466	16	1
CAR	CAR	1,758,319	18	0
LAC	CUB	1,830,247	18	0
	DOM	3,155,763	32	0
	HTI	3,616,958	36	0
MEX	MEX	34,977,953	350	34
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	5
	PRY	2,077,285	21	2
	URY	731,231	7	0
Total		229,262,842	1682	49

Country	Total 2017	Cumm. 2018	Week			
			1	2	3	4
BOL	28	...	...	...	...	...
COL	6	0	0	0	...	...
ECU	3	0	0	0	...	...
PER	5	1	0	1	0	0
VEN	3	0	0	0	...	...
BRA	98	...	...	...	...	...
CRI	0	1	0	1	0	...
GTM	3	0	0	0	0	0
HND	6	3	2	1	0	0
NIC	1	1	1	0	0	0
PAN	6	0	0	0	...	...
SLV	12	1	0	0	1	0
CAR	2	1	0	1	0	0
CUB	17	0	0	...	...	...
DOM	3	0	0	0	0	0
HTI	3	0	0	0	0	0
MEX	5	9	1	3	1	4
CAN	0	0	0	0	0	0
USA	NR	NR	NR	NR	NR	NR
ARG	7	2	0	1	1	...
CHL	5	5	1	1	3	0
PRY	8	3	1	0	2	0
URY	1	...	...	...	...	...
Total	222	27	6	9	8	4

*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 (2017/5 - 2018/4)					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	39	1.12	51	79	...	0	0	47	1.35	51	83	...
	COL	0	0	134	1.15	59	82	95	0	0	152	1.31	61	84	95
	ECU	0	0	33	0.70	97	85	...	0	0	38	0.81	97	84	...
	PER	0	0	50	0.57	72	70	51	0	0	52	0.59	73	69	52
	VEN	0	0	59	0.67	100	80	84	0	0	66	0.75	100	82	84
BRA	BRA	0	0	338	0.71	99	67	39	0	0	375	0.79	99	69	33
CAP	CRI	0	0	25	2.35	80	88	...	0	0	27	2.53	78	89	...
	GTM	0	0	34	0.56	...	74	81	0	0	38	0.63	...	71	83
	HND	0	0	40	1.24	35	93	90	0	0	48	1.49	40	92	90
	NIC	0	0	18	0.99	72	94	99	0	0	19	1.05	74	95	99
	PAN	0	0	22	2.05	55	95	84	0	0	22	2.05	55	95	84
	SLV	0	0	44	2.71	30	86	36	0	0	43	2.65	30	88	37
CAR	CAR	0	0	5	0.29	80	100	64	0	0	6	0.34	67	100	64
LAC	CUB	0	0	15	0.82	93	87	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	8	0.22	63	50	89	0	0	8	0.22	63	50	89
MEX	MEX	0	0	562	1.61	99	82	...	0	0	565	1.62	99	83	...
NOA	CAN	0	0	15	0.26	...	27	...	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	1.66	41	77	82	0	0	197	1.79	42	78	81
	CHL	0	0	66	1.83	76	64	...	0	0	68	1.89	76	71	...
	PRY	0	0	29	1.40	90	97	92	0	0	30	1.44	87	93	91
	URY	0	0	1	0.14	100	...	...	0	0	1	0.14	100	...	...
Total [§]		0	0	1726	1.03	79	78	-	0	0	1843	1.10	79	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 2017/5 - 2018/4

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	2	0	0	2	27	0	0	7	29	29	97	
	HTI	7	1	0	0	0	0	0	6	0	0	0	6	3	100	
	JAM	3	0	0	0	0	0	0	3	0	0	0	3	3	100	
	NIC	25	2	0	0	0	0	7	15	1	0	32	23	23	91	
	PAN	24	7	0	0	0	0	3	14	0	0	18	17	17	88	
PRY	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	29	10	0	13	0	0	0	6	0	0	0	6	6	0	
	SLV	44	0	0	0	0	0	0	44	0	0	0	44	44	0	
FIO	BRA	244	17	0	16	4	0	4	203	0	0	4	211	209	55	
	PER	40	4	0	2	0	0	0	34	0	0	0	34	21	45	
IEC	BRA	50	2	0	1	0	0	2	45	0	0	4	47	46	98	
INDRE	MEX	487	0	12	9	3	0	44	422	0	0	10	469	469	98	
INH	VEN	57	2	0	3	0	1	4	47	0	0	8	51	51	74	
INS	COL	124	0	0	3	0	0	6	115	0	0	5	121	121	97	
	CRI	39	2	0	0	0	0	2	35	0	0	5	37	37	97	
	ECU	29	0	0	1	0	0	0	28	0	0	0	28	27	86	
IPK	CUB	16	11	0	5	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	49	0	0	0	0	0	5	44	0	0	10	49	49	96	
MAL	ARG	163	0	0	1	0	0	7	155	0	0	4	162	157	73	
	BOL	38	27	0	3	0	0	2	6	0	0	25	8	8	82	
(no lab. name)	CAN	4	0	0	0	0	0	0	4	0	0	0	4	0	0	
	CRI	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	ECU	4	3	0	0	0	0	0	1	0	0	0	1	1	100	
	GTM	4	4	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	11	8	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	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total		1565	106	12	61	7	1	89	1291	1	0	7	1388	1356	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 2017/5 - 2018/4

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	4	3	0	2	0	0	0	0	0	0	0	4	4	75	75	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		8	3	0	7	0	0	0	0	0	0	0	9	9	89	89	100