



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 33, No. 5

Week ending 3 February 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/5
AND	BOL	3,488,083	35	0
	COL	11,622,602	116	5
	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	3
	NIC	1,814,682	18	2
	PAN	1,073,291	11	3
	SLV	1,625,466	16	1
CAR	CAR	1,758,319	18	0
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	38
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	6
	PRY	2,077,285	21	2
	URY	731,231	7	0
Total		229,262,842	1682	68

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

Country	Total 2017	Cumm. 2018	Week				
			1	2	3	4	5
BOL	28	...	...	...	...	...	...
COL	3	0	0	0	0	0	0
ECU	3	0	0	0	...	...	...
PER	5	3	0	1	0	0	2
VEN	5	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	...
HND	6	3	2	1	0	0	0
NIC	1	2	1	0	0	0	1
PAN	5	3	0	1	1	1	0
SLV	12	1	0	0	1	0	...
CAR	1	1	0	1	0	0	0
CUB	0	3	1	2	0	0	0
DOM	3	0	0	0	0	0	...
HTI	3	0	0	0	0	0	0
MEX	5	9	1	3	1	2	2
CAN	0	0	0	0	0	0	...
USA	NR	NR	NR	NR	NR	NR	NR
ARG	7	2	0	1	1	...	...
CHL	5	6	1	1	3	1	0
PRY	8	3	1	0	2	0	0
URY	1	...	...	...	...	...	...
Total	188	37	7	12	9	4	5

*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 (2017/6 - 2018/5)					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	37	1.06	51	78	...	0	0	47	1.35	51	83	...
	COL	0	0	141	1.21	58	82	95	0	0	156	1.34	60	83	95
	ECU	0	0	33	0.70	97	85	...	0	0	38	0.81	97	84	...
	PER	0	0	51	0.58	75	71	51	0	0	52	0.59	73	69	52
	VEN	0	0	68	0.78	90	78	83	0	0	78	0.89	87	79	84
BRA	BRA	0	0	394	0.83	99	67	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	81	0	0	38	0.63	...	71	83
	HND	0	0	38	1.18	34	92	90	0	0	48	1.49	40	92	90
	NIC	0	0	19	1.05	74	89	99	0	0	19	1.05	74	95	99
	PAN	0	0	25	2.30	56	92	84	0	0	22	2.05	50	95	84
	SLV	0	0	43	2.65	30	86	35	0	0	43	2.65	30	88	37
CAR	CAR	0	0	4	0.23	75	100	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	0	86	...
	HTI	0	0	7	0.19	57	43	45	0	0	8	0.22	63	50	46
MEX	MEX	0	0	560	1.60	99	82	...	0	0	565	1.62	99	83	...
NOA	CAN	0	0	14	0.24	...	29	...	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	177	1.60	42	77	82	0	0	197	1.79	42	78	81
	CHL	0	0	65	1.80	75	62	...	0	0	68	1.89	76	71	...
	PRY	0	0	28	1.35	89	96	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	1788	1.06	80	77	-	0	0	1923	1.14	79	79	-

+ 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 2017/6 - 2018/5

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	29	0	0	1	0	0	2	26	0	0	7	28	28	96	
	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	25	2	0	0	0	0	7	15	1	0	32	23	23	91	
	PAN	27	10	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	28	10	0	13	0	0	0	5	0	0	0	5	5	0	
	SLV	43	0	0	0	0	0	0	43	0	0	0	43	43	0	
FIO	BRA	283	10	0	14	6	0	6	247	0	0	5	259	257	54	
	PER	39	4	0	2	0	0	0	33	0	0	0	33	21	48	
IEC	BRA	57	4	0	0	0	0	2	51	0	0	4	53	52	98	
INDRE	MEX	488	0	9	9	3	0	44	426	0	0	10	473	473	99	
INH	VEN	64	3	0	2	0	1	5	53	0	0	9	58	58	76	
INS	COL	132	0	0	1	0	0	6	125	0	0	5	131	131	95	
	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	85	
IPK	CUB	19	12	0	7	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	47	0	0	0	0	0	5	42	0	0	11	47	47	94	
MAL	ARG	158	0	0	1	0	0	7	150	0	0	4	157	152	72	
	BOL	36	27	0	2	0	0	2	5	0	0	29	7	7	71	
(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	4	4	0	0	0	0	0	0	0	0	0	0	0	0		
Total		1619	108	9	55	9	1	92	1347	1	0	7	1449	1419	79	

... 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 2017/6 - 2018/5

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	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