



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 33, No. 13

Week ending 31 March 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/13
AND	BOL	3,488,083	35	14
	COL	11,622,602	116	22
	ECU	4,705,464	47	0
	PER	8,786,980	88	11
	VEN	8,765,312	88	7
BRA	BRA	47,426,629	474	40
CAP	CRI	1,065,783	11	0
	GTM	6,032,750	60	10
	HND	3,221,178	32	12
	NIC	1,814,682	18	4
	PAN	1,073,291	11	4
	SLV	1,625,466	16	8
CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	4
	DOM	3,155,763	32	0
	HTI	3,616,958	36	2
MEX	MEX	34,977,953	350	125
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	19
	PRY	2,077,285	21	6
	URY	731,231	7	0
Total		229,262,842	1682	291

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

Country	Total 2017	Cumm. 2018	Week										
			1-5	6	7	8	9	10	11	12	13		
BOL	19	14	6	0	0	2	3	0	2	1	0	0	
COL	1	15	3	1	2	2	4	2	1	0	0	0	
ECU	3	0	0	...	...	...	...	...	...	...	...	...
PER	0	8	1	0	0	1	1	4	0	1	0	0	
VEN	2	6	1	1	1	2	0	1	0	0	0	0	
BRA	0	25	15	3	0	2	3	1	1	0	...	...
CRI	0	1	1	0	0	0	0	0	0	0	0	0	
GTM	4	4	1	0	1	1	1	0	0	0	0	0	
HND	0	4	0	0	1	1	0	2	0	0	0	0	
NIC	0	3	1	0	1	0	0	1	0	0	0	0	
PAN	0	3	2	1	0	0	0	0	0	0	0	0	
SLV	7	8	2	1	2	1	2	0	...	...	...	...
CAR	0	2	2	0	0	0	0	0	0	0	0	0	
CUB	0	4	3	0	0	1	0	0	0	0	0	0	
DOM	3	0	0	0	0	...	...	...	...	...	...	...
HTI	2	2	0	0	0	0	2	0	0	0	0	0	
MEX	5	8	0	0	0	1	0	4	1	1	1	1	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	2	2	2	0	0	0	0	0	0	0	0	0	
CHL	2	19	7	3	1	2	2	0	1	1	2	2	
PRY	1	6	3	0	1	0	0	0	2	0	0	0	
URY	0	0	0	0	0	0	0	0	0	0	0	0	
Total	51	134	50	10	10	16	18	15	8	4	3	3	

*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 (2017/14 - 2018/13)					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	45	1.29	64	84	...	0	0	39	1.12	62	85	...
	COL	0	0	137	1.18	61	80	95	0	0	156	1.34	60	83	95
	ECU	0	0	24	0.51	96	83	...	0	0	38	0.81	97	84	...
	PER	0	0	49	0.56	80	76	49	0	0	52	0.59	73	69	52
	VEN	0	0	60	0.68	88	67	84	0	0	82	0.94	88	79	84
BRA	BRA	0	0	392	0.83	100	69	67	0	0	485	1.02	99	69	32
CAP	CRI	0	0	16	1.50	75	94	...	0	0	27	2.53	78	89	...
	GTM	0	0	42	0.70	...	69	88	0	0	39	0.65	...	72	83
	HND	0	0	46	1.43	39	93	90	0	0	48	1.49	46	92	90
	NIC	0	0	21	1.16	76	95	100	0	0	19	1.05	74	95	99
	PAN	0	0	23	2.14	57	91	85	0	0	22	2.05	50	95	84
	SLV	0	0	45	2.77	29	89	32	0	0	42	2.58	33	90	36
CAR	CAR	0	0	4	0.23	50	75	74	0	0	6	0.34	67	100	72
LAC	CUB	0	0	16	0.87	94	88	100	0	0	15	0.82	93	87	100
	DOM	0	0	5	0.16	...	80	...	0	0	7	0.22	...	86	...
	HTI	0	0	8	0.22	75	50	57	0	0	8	0.22	63	50	46
MEX	MEX	0	0	584	1.67	99	82	...	0	0	565	1.62	99	83	...
NOA	CAN	0	0	8	0.14	...	13	...	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	160	1.46	45	81	83	0	0	205	1.87	42	79	81
	CHL	0	0	72	2.00	83	61	...	0	0	69	1.91	90	71	...
	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	4	0.55	100	...	...
Total [§]		0	0	1789	1.06	81	78	-	0	0	1977	1.18	80	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 2017/14 - 2018/13

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	DOM	5	2	0	0	0	0	0	3	0	0	0	3	2	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	8	2	0	1	0	0	0	5	0	0	0	5	3	67		
	JAM	2	0	0	0	0	0	0	2	0	0	0	2	2	100		
	NIC	28	1	0	0	0	0	7	19	1	0	27	27	27	93		
	PAN	25	5	0	0	0	0	3	17	0	0	15	20	20	90		
	SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
CDC	GTM	38	3	0	1	0	1	1	33	0	0	3	34	27	0		
	PRY	28	7	0	0	0	0	1	20	0	0	5	21	21	62		
	SLV	43	0	0	6	0	0	0	37	0	0	0	37	37	0		
FIO	BRA	285	11	0	18	5	0	7	244	0	0	5	256	255	51		
	PER	33	1	0	0	0	0	0	32	0	0	0	32	28	46		
IEC	BRA	58	4	0	0	0	0	3	51	0	0	6	54	53	83		
INDRE	MEX	506	0	4	7	1	0	42	453	0	0	9	496	496	98		
INH	VEN	55	7	0	2	1	0	8	37	0	0	20	46	46	76		
INS	COL	126	0	0	1	0	0	6	119	0	0	5	125	125	94		
	CRI	25	2	0	0	0	0	2	21	0	0	9	23	23	96		
	ECU	21	0	0	0	0	0	0	21	0	0	0	21	20	95		
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
IPK	CUB	17	9	0	8	0	0	0	0	0	0	0	0	0	0		
ISP	CHL	55	0	0	0	0	0	5	50	0	0	9	55	55	91		
MAL	ARG	145	0	0	1	0	0	6	138	0	0	4	144	139	77		
	BOL	45	29	0	0	0	0	2	14	0	0	13	16	16	88		
(no lab. name)	CAN	1	0	0	0	0	0	0	1	0	0	0	1	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	6	4	0	1	0	0	0	1	0	0	0	1	0	0		
	PER	9	9	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		1619	105	4	46	7	1	95	1360	1	0	7	1463	1439	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 2017/14 - 2018/13

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						
CDC	GTM	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
FIO	BRA	5	3	0	3	0	0	0	0	0	0	0	5	5	60	60	80
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		8	5	0	5	0	0	0	0	0	0	1	8	8	75	75	88