



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 29 December 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/52
AND	BOL	3,488,083	35	43
	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	43
	NIC	1,814,682	18	17
	PAN	1,073,291	11	13
	SLV	1,625,466	16	39
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	654
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	164
	CHL	3,603,758	36	57
	PRY	2,077,285	21	33
	URY	731,231	7	4
Total		229,262,842	1682	1848

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

Country	Total 2017	Cumm. 2018	Week									
			1-44	45	46	47	48	49	50	51	52	
BOL	0	30	26	2	0	1	1	0	0	0	0	0
COL	0	15	8	2	1	4	0	0	0	0	0	0
ECU	0	18	18	...	...	...	...	...	...	...	...	...
PER	0	15	14	1	0	0	0	0	0	0	0	...
VEN	0	13	13	0	0	0	0	0	0	...	...	...
BRA	0	100	94	5	1	0	...	...	...	...	...	...
CRI	0	9	9	0	0	0	0	0	0	0	...	...
GTM	1	10	3	0	0	3	1	1	2	0	0	0
HND	0	6	0	0	1	0	2	0	3	0	0	0
NIC	0	5	0	1	0	1	1	1	0	1	...	...
PAN	0	1	1	0	0	0	0	0	0	0	0	...
SLV	0	15	11	2	1	0	1	...	...	...	...	...
CAR	0	2	2	0	0	0	0	0	0	0	0	0
CUB	0	0	0	0	0	0	...	...	...	...	...	...
DOM	0	0	0	0	0	0	0	...	...	...	...	...
HTI	0	5	5	0	0	0	0	0	0	0	...	...
MEX	0	6	2	0	0	0	2	1	1	...	...	...
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	7	5	1	0	0	1	0	0	0	0	0
CHL	0	6	4	1	0	1	0	0	0	0	0	...
PRY	0	5	0	2	0	0	1	2	0	0	0	0
URY	0	2	2	...	...	...	...	...	...	...	...	...
Total	1	270	217	17	4	10	10	5	6	1	0	0

*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 (2018/1 - 2018/52)					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	44	1.26	95	82	...	0	0	14	0.40	21	79	...
	COL	0	0	151	1.30	46	84	95	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	57	0.65	88	74	6	0	0	51	0.58	73	71	63
	VEN	0	0	67	0.76	100	64	...	0	3	86	0.98	87	81	84
BRA	BRA	0	0	349	0.74	99	62	88	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	59	0.98	37	76	99	0	0	45	0.75	2	71	83
	HND	0	0	47	1.46	62	94	90	0	0	48	1.49	48	94	90
	NIC	0	0	18	0.99	100	100	100	0	0	19	1.05	74	95	99
	PAN	0	0	13	1.21	85	85	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	28
CAR	CAR	0	0	3	0.17	33	67	88	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	85	0	0	8	0.22	63	50	46
MEX	MEX	0	0	667	1.91	100	89	95	0	0	569	1.63	99	83	...
NOA	CAN	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	37	79	87	0	0	205	1.87	42	79	81
	CHL	0	0	58	1.61	71	57	77	0	0	69	1.91	97	71	74
	PRY	0	0	34	1.64	82	88	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	1886	1.12	82	79	-	0	4	1973	1.17	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 2018/1 - 2018/52

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	4	0	0	0	0	0	14	0	0	0	14	14	100	
	PAN	15	2	0	1	0	0	1	11	0	0	8	12	12	100	
CDC	GTM	59	9	0	1	1	0	1	46	0	1	4	49	44	80	
	HND	43	0	0	0	0	0	2	40	0	0	5	41	41	98	
	PRY	31	2	0	0	0	0	1	28	0	0	3	29	29	100	
	SLV	41	0	0	10	0	0	0	31	0	0	0	31	31	0	
FIO	BRA	244	12	0	26	5	1	1	197	0	0	3	203	203	54	
	PER	42	12	0	1	0	0	2	27	0	0	7	29	29	62	
IEC	BRA	41	5	0	1	0	0	3	32	0	0	9	35	35	91	
INDRE	MEX	615	5	0	24	3	0	50	536	0	0	9	589	589	99	
INH	VEN	59	6	0	8	2	0	4	39	0	0	13	45	44	34	
INS	COL	151	0	0	11	0	0	2	138	0	0	1	140	140	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	155	0	0	5	2	0	12	136	0	0	9	150	150	72	
	BOL	44	30	0	0	0	0	2	12	0	0	14	14	14	100	
(no lab. name)	GTM	2	2	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		1735	133	0	121	13	1	87	1378	0	1	7	1478	1470	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 2018/1 - 2018/52

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						
CDC	GTM	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
FIO	BRA	6	4	0	4	0	0	0	0	0	0	0	6	6	100	67	100
INDRE	MEX	3	3	0	2	0	0	0	0	0	0	0	3	3	100	100	100
INH	VEN	2	1	0	2	0	0	0	0	0	0	0	1	1	100	100	100
INS	COL	1	0	0	0	1*	0	0	0	0	0	0	1	1	100	100	100
MAL	ARG	2	2	0	2	0	0	0	0	0	0	0	2	2	100	100	100
Total		15	10	0	11	1	0	0	0	0	0	0	14	14	100	86	100

* iVDPV