



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 29 September 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/39
AND	BOL	3,488,083	35	34
	COL	11,622,602	116	113
	ECU	4,705,464	47	25
	PER	8,786,980	88	52
	VEN	8,765,312	88	43
BRA	BRA	47,426,629	474	262
CAP	CRI	1,065,783	11	5
	GTM	6,032,750	60	29
	HND	3,221,178	32	36
	NIC	1,814,682	18	13
	PAN	1,073,291	11	11
	SLV	1,625,466	16	35
CAR	CAR	1,758,319	18	3
LAC	CUB	1,830,247	18	22
	DOM	3,155,763	32	12
	HTI	3,616,958	36	7
MEX	MEX	34,977,953	350	472
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	100
	CHL	3,603,758	36	41
	PRY	2,077,285	21	25
	URY	731,231	7	0
Total		229,262,842	1682	1340

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

Country	Total 2017	Cumm. 2018	Week										
			1-31	32	33	34	35	36	37	38	39		
BOL	0	20	14	1	1	2	1	0	1	0	0	0	
COL	0	6	3	1	0	0	1	1	0	0	0	0	
ECU	0	14	12	0	2	...	...	...	...	...	...	...
PER	0	9	6	0	1	0	1	1	0	0	0	0	
VEN	1	10	8	0	1	1	0	0	0	0	0	0	
BRA	0	72	56	5	1	2	3	1	4	0	...	...
CRI	0	4	4	0	0	0	0	0	0	0	0	0	
GTM	0	2	2	0	0	0	0	0	0	0	0	0	
HND	0	9	1	1	1	1	1	1	2	1	0	0	
NIC	0	2	0	1	0	0	1	0	0	0	...	...
PAN	0	6	6	0	0	0	0	0	0	...	...	...
SLV	0	10	4	2	0	0	0	1	1	2	0	0	
CAR	0	3	3	0	0	0	0	0	0	0	0	0	
CUB	0	9	5	2	0	1	1	0	0	...	...	...
DOM	0	10	9	1	0	0	0	0	0	0	0	0	
HTI	0	4	3	0	1	0	0	0	0	0	0	0	
MEX	0	25	10	2	1	1	0	1	4	4	2	2	
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	7	7	0	0	0	0	0	0	0	0	0	
CHL	0	25	18	0	0	1	1	2	0	2	1	0	
PRY	0	10	4	1	0	0	1	2	1	1	0	0	
URY	0	0	0	...	...	...	...	...	...	...	...	...
Total	1	257	175	17	9	9	11	10	13	10	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 (2017/40 - 2018/39)					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	38	1.09	89	84	...	0	0	14	0.43	21	79	...
	COL	0	0	147	1.26	55	82	96	0	0	156	1.34	60	83	95
	ECU	0	0	30	0.64	100	73	15	0	0	38	0.81	97	84	...
	PER	0	0	62	0.71	94	77	6	0	0	51	0.58	73	71	47
	VEN	0	0	54	0.62	96	65	...	0	3	84	0.96	87	80	84
BRA	BRA	0	0	356	0.75	99	65	88	0	1	486	1.02	99	69	29
CAP	CRI	0	0	6	0.56	67	83	...	0	0	27	2.53	78	89	...
	GTM	0	0	38	0.63	11	71	95	0	0	44	0.76	...	72	83
	HND	0	0	45	1.40	51	93	90	0	0	48	1.49	48	92	90
	NIC	0	0	19	1.05	100	95	100	0	0	19	1.05	74	95	99
	PAN	0	0	16	1.49	75	88	88	0	0	22	2.05	50	95	84
	SLV	0	0	41	2.52	27	90	29	0	0	41	2.52	34	93	32
CAR	CAR	0	0	3	0.17	33	67	83	0	0	6	0.34	83	100	72
LAC	CUB	0	0	26	1.42	77	77	100	0	0	15	0.82	...	...	100
	DOM	0	0	16	0.51	13	100	...	0	0	15	0.48	...	87	...
	HTI	0	0	9	0.25	89	22	75	0	0	8	0.22	63	50	46
MEX	MEX	0	0	613	1.75	99	86	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	154	1.40	52	79	86	0	0	205	1.87	42	79	81
	CHL	0	0	54	1.50	80	52	77	0	0	69	1.91	97	71	74
	PRY	0	0	33	1.59	97	94	92	0	0	30	1.44	87	93	91
	URY	0	0	1	0.14	100	...	...	0	0	4	0.55	100	...	...
Total §		0	0	1761	1.05	84	78	-	0	4	1970	1.17	79	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 2017/40 - 2018/39

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test											Timing of isolation results		
			Pending results			With results						% Positive specimens for NPEV	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	16	7	0	0	0	0	0	1	8	0	0	11	9	9	100
	GUY	2	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HND	9	0	0	0	0	0	0	0	9	0	0	0	9	9	100
	HTI	9	2	0	1	0	0	0	0	6	0	0	0	6	4	25
	NIC	22	2	0	0	0	0	0	2	18	0	0	10	20	20	100
PAN	17	4	0	0	1	0	0	1	11	0	0	8	12	12	92	
CDC	GTM	38	1	0	1	1	0	2	32	0	1	8	36	12	0	
	HND	28	0	0	0	0	0	0	27	0	0	0	27	24	100	
	PRY	33	10	0	0	0	0	2	21	0	0	9	23	23	70	
	SLV	40	0	2	8	0	0	0	30	0	0	0	30	30	0	
FIO	BRA	232	12	0	14	2	1	2	200	0	0	2	204	204	53	
	PER	47	7	0	1	0	0	2	37	0	0	5	39	39	49	
IEC	BRA	53	5	0	2	0	0	5	41	0	0	11	46	46	76	
INDRE	MEX	551	2	29	2	1	0	38	480	0	0	8	519	519	99	
INH	VEN	51	4	0	3	3	0	6	35	0	0	20	44	43	42	
INS	COL	145	0	0	2	0	0	2	141	0	0	1	143	143	93	
	CRI	7	6	0	0	0	0	0	1	0	0	0	1	1	100	
	ECU	28	12	0	0	0	0	0	16	0	0	0	16	16	100	
IPK	CUB	20	5	0	15	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	39	0	0	0	0	0	3	36	0	0	8	39	39	95	
MAL	ARG	138	0	0	1	1	0	9	127	0	0	7	137	134	81	
	BOL	38	20	0	0	0	0	2	16	0	0	11	18	18	100	
(no lab. name)	ECU	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	11	9	0	1	0	0	0	1	0	0	0	1	0	0	
	PER	8	8	0	0	0	0	0	0	0	0	0	0	0	0	
Total		1585	120	31	52	8	1	77	1294	0	1	6	1380	1346	81	

... 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 2017/40 - 2018/39

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	3	2	0	2	0	0	0	0	0	0	0	3	3	100	100	100
INDRE	MEX	1	1	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INH	VEN	3	1	0	3	0	0	0	0	0	0	0	2	2	100	100	100
MAL	ARG	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
Total		9	4	0	7	0	0	0	0	0	0	1	7	7	100	100	100