



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 20 October 2018

Table No.1
Expected and reported AFP cases, 2018

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

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/42	Country	Total 2017	Cumm. 2018	Week									
								1-34	35	36	37	38	39	40	41	42	
AND	BOL	3,488,083	35	36	BOL	0	22	18	2	0	1	0	1	0	0	0	...
	COL	11,622,602	116	113	COL	0	6	4	1	1	0	0	0	0	0	0	0
	ECU	4,705,464	47	39	ECU	0	18	9	1	0	3	3	0	2	0	0	...
	PER	8,786,980	88	56	PER	0	14	8	1	2	0	0	1	0	2	0	0
	VEN	8,765,312	88	56	VEN	1	9	6	0	0	0	2	0	1	0	0	0
BRA	BRA	47,426,629	474	262	BRA	0	72	64	3	1	4	0	...	...	...	...	...
CAP	CRI	1,065,783	11	12	CRI	0	9	6	0	1	0	1	1	0	0	0	0
	GTM	6,032,750	60	34	GTM	0	7	4	0	0	1	1	0	0	1	0	0
	HND	3,221,178	32	39	HND	0	9	1	1	1	2	2	1	1	0	0	0
	NIC	1,814,682	18	13	NIC	0	1	0	1	0	0	0	0	0	0	0	...
	PAN	1,073,291	11	13	PAN	0	2	1	0	0	0	0	1	0	0	0	0
	SLV	1,625,466	16	36	SLV	0	11	6	0	2	1	1	1	0	0	0	0
CAR	CAR	1,758,319	18	3	CAR	0	4	3	0	0	0	0	0	1	0	0	0
LAC	CUB	1,830,247	18	23	CUB	0	10	8	1	0	0	1	0	0	0	0	0
	DOM	3,155,763	32	13	DOM	0	5	5	0	0	0	0	0	0	0	0	0
	HTI	3,616,958	36	8	HTI	0	5	4	1	0	0	0	0	0	0	0	0
MEX	MEX	34,977,953	350	532	MEX	0	34	11	0	2	4	3	2	4	5	3	0
NOA	CAN	5,797,902	58	0	CAN	0	0	0	...	...	...	...	...	...	...	...	...
	USA	61,098,121	NR	NR	USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SOC	ARG	10,987,085	110	130	ARG	0	13	8	3	1	1	0	0	0	0	0	0
	CHL	3,603,758	36	46	CHL	0	29	18	1	2	0	3	1	1	3	0	0
	PRY	2,077,285	21	28	PRY	0	13	5	1	2	1	1	0	0	3	0	0
	URY	731,231	7	0	URY	0	0	0	...	...	...	...	...	...	...	...	...
Total		229,262,842	1682	1492	Total	1	293	189	17	15	18	18	9	10	14	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 (2017/43 - 2018/42)					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	40	1.15	90	83	0	0	0	14	0.40	21	79	...
	COL	0	0	134	1.15	53	84	96	0	0	156	1.34	60	83	95
	ECU	0	0	42	0.89	100	69	15	0	0	38	0.81	97	84	...
	PER	0	0	65	0.74	91	77	3	0	0	51	0.58	73	71	47
	VEN	0	0	64	0.73	97	61	...	0	3	86	0.98	87	80	84
BRA	BRA	0	0	330	0.70	99	64	88	0	1	486	1.02	99	69	29
CAP	CRI	0	0	13	1.22	85	100	...	0	0	27	2.53	78	89	...
	GTM	0	0	41	0.68	12	71	96	0	0	44	0.73	...	73	83
	HND	0	0	46	1.43	52	93	90	0	0	48	1.49	48	92	90
	NIC	0	0	17	0.94	100	100	100	0	0	19	1.05	74	95	99
	PAN	0	0	17	1.58	71	88	88	0	0	22	2.05	50	95	84
	SLV	0	0	39	2.40	28	90	28	0	0	41	2.52	34	93	29
CAR	CAR	0	0	3	0.17	33	67	84	0	0	6	0.34	83	100	72
LAC	CUB	0	0	27	1.48	74	78	100	0	0	15	0.82	...	...	100
	DOM	0	0	14	0.44	14	93	...	0	0	15	0.48	...	87	...
	HTI	0	0	10	0.28	90	20	78	0	0	8	0.22	63	50	46
MEX	MEX	0	0	635	1.82	100	84	95	0	0	569	1.63	99	83	...
NOA	CAN	0	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	174	1.58	45	80	88	0	0	205	1.87	42	79	81
	CHL	0	0	57	1.58	77	56	77	0	0	69	1.91	97	71	74
	PRY	0	0	35	1.68	91	94	92	0	0	30	1.44	87	93	89
	URY	0	0	0	...	...	...	...	0	0	4	0.55	100	...	...
Total §		0	0	1803	1.07	83	78	-	0	4	1972	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, 52 weeks
Epidemiological weeks 2017/42 - 2018/41

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	15	5	0	0	0	0	0	1	9	0	0	10	10	10	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	10	3	0	1	0	0	0	0	6	0	0	0	6	4	25
	NIC	22	0	0	0	0	0	0	2	20	0	0	9	22	22	100
PAN	19	3	0	0	1	0	0	1	14	0	0	7	15	15	93	
CDC	GTM	42	6	0	1	1	0	1	32	0	1	6	35	12	0	
	HND	37	6	0	0	0	0	0	30	0	0	0	30	27	100	
	PRY	34	11	0	0	0	0	2	21	0	0	9	23	23	70	
	SLV	37	0	0	4	0	0	0	33	0	0	0	33	33	0	
FIO	BRA	222	12	0	14	2	1	2	190	0	0	2	194	194	53	
	PER	48	9	0	1	0	0	2	36	0	0	5	38	38	50	
IEC	BRA	49	5	0	2	0	0	5	37	0	0	12	42	42	76	
INDRE	MEX	556	2	25	4	1	0	40	485	0	0	8	526	525	99	
INH	VEN	58	4	0	5	3	0	7	39	0	0	20	49	48	46	
INS	COL	138	0	0	2	0	0	2	134	0	0	1	136	136	93	
	CRI	22	6	0	6	0	0	0	10	0	0	0	10	10	10	
	ECU	41	17	0	0	0	0	2	22	0	0	8	24	24	96	
IPK	CUB	21	5	0	16	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	41	0	0	0	0	0	3	38	0	0	7	41	41	95	
MAL	ARG	135	0	0	2	1	0	9	123	0	0	8	133	131	79	
	BOL	40	22	0	0	0	0	2	16	0	0	11	18	18	100	
(no lab. name)	ECU	5	3	0	1	0	0	0	1	0	0	0	1	0	0	
	HND	7	7	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
Total		1612	128	25	60	8	1	81	1307	0	1	6	1397	1364	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 2017/43 - 2018/42

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	2	2	0	2	0	0	0	0	0	0	0	2	2	100	100	100
Total		10	6	0	9	0	0	0	0	0	0	0	9	9	100	100	100