



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 33, No. 41

Week ending 13 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 2018/41	Country	Total 2017	Cumm. 2018	Week								
								1-33	34	35	36	37	38	39	40	41
AND	BOL	3,488,083	35	36	BOL	0	22	16	2	2	0	1	0	1	0	0
	COL	11,622,602	116	113	COL	0	6	4	0	1	1	0	0	0	0	0
	ECU	4,705,464	47	39	ECU	0	18	7	2	1	0	3	3	0	2	0
	PER	8,786,980	88	53	PER	0	11	8	0	1	2	0	0	0	0	0
	VEN	8,765,312	88	49	VEN	1	9	6	2	0	0	0	1	0	0	0
BRA	BRA	47,426,629	474	262	BRA	0	72	62	2	3	1	4	0	...	...	...
CAP	CRI	1,065,783	11	12	CRI	0	9	6	0	0	1	0	1	1	0	0
	GTM	6,032,750	60	34	GTM	0	7	3	1	0	0	1	1	0	0	1
	HND	3,221,178	32	39	HND	0	9	0	1	1	1	2	2	1	1	0
	NIC	1,814,682	18	13	NIC	0	1	0	0	1	0	0	0	0	0	0
	PAN	1,073,291	11	13	PAN	0	3	2	0	0	0	0	0	1	0	...
	SLV	1,625,466	16	36	SLV	0	11	6	0	0	1	1	2	1	0	0
CAR	CAR	1,758,319	18	3	CAR	0	3	3	0	0	0	0	0	0	0	0
LAC	CUB	1,830,247	18	23	CUB	0	10	7	1	1	0	0	1	0	0	0
	DOM	3,155,763	32	13	DOM	0	5	5	0	0	0	0	0	0	0	...
	HTI	3,616,958	36	8	HTI	0	5	4	0	1	0	0	0	0	0	0
MEX	MEX	34,977,953	350	507	MEX	0	31	11	1	0	2	4	4	2	5	2
NOA	CAN	5,797,902	58	0	CAN	0	0	...	...	...	...	...	...	...	...	...
	USA	61,098,121	NR	NR	USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SOC	ARG	10,987,085	110	107	ARG	0	7	7	0	0	0	0	0	0	0	0
	CHL	3,603,758	36	43	CHL	0	26	17	1	1	2	0	3	1	0	1
	PRY	2,077,285	21	26	PRY	0	11	5	0	1	2	1	1	0	0	1
	URY	731,231	7	0	URY	0	0	0	...	...	...	...	...	...	...	...
Total		229,262,842	1682	1429	Total	1	276	179	13	14	13	17	19	8	8	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 (2017/42 - 2018/41)					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	14	0.40	21	79	...
	COL	0	0	139	1.20	55	83	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	62	0.71	92	76	4	0	0	51	0.58	73	71	47
	VEN	0	0	61	0.70	97	64	...	0	3	86	0.98	87	80	84
BRA	BRA	0	0	342	0.72	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	42	0.70	12	69	96	0	0	44	0.73	...	73	83
	HND	0	0	48	1.49	50	92	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	18	1.68	72	89	88	0	0	22	2.05	50	95	84
	SLV	0	0	39	2.40	28	87	28	0	0	41	2.52	34	93	29
CAR	CAR	0	0	3	0.17	33	67	83	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	15	0.48	13	93	...	0	0	15	0.48	...	87	...
	HTI	0	0	10	0.28	90	20	77	0	0	8	0.22	63	50	46
MEX	MEX	0	0	620	1.77	100	86	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			NR	NR	NR	NR	NR
SOC	ARG	0	0	153	1.39	54	78	87	0	0	205	1.87	42	79	81
	CHL	0	0	55	1.53	80	55	78	0	0	69	1.91	97	71	74
	PRY	0	0	34	1.64	94	94	92	0	0	30	1.44	87	93	89
	URY	0	0	0	...	...	...	...	0	0	4	0.55	100	...	...
Total [§]	0	0	1782	1.06	84	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, last 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 2017/42 - 2018/41

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