



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 32, No. 39

Week ending 30 September 2017

Table No.1
Expected and reported AFP cases, 2017

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

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2017/39	Country	Total 2016	Cumm. 2017	Week								
								1-31	32	33	34	35	36	37	38	39
AND	BOL	3,488,083	35	13	BOL	0	6	6	0	0	0	0	...	...	...	...
	COL	11,622,602	116	107	COL	0	8	2	0	0	0	0	2	1	3	...
	ECU	4,705,464	47	28	ECU	0	9	7	0	0	2	0	0	...	...	...
	PER	8,786,980	88	40	PER	0	19	11	1	1	0	2	3	0	1	...
	VEN	8,765,312	88	59	VEN	0	14	9	2	1	0	0	1	1	0	0
BRA	BRA	47,426,629	474	252	BRA	0	86	74	2	6	3	1	0	...	...	...
CAP	CRI	1,065,783	11	24	CRI	0	3	1	0	0	0	2	0	0	0	0
	GTM	6,032,750	60	25	GTM	2	18	18	0	0	0	0	0	0	0	0
	HND	3,221,178	32	36	HND	0	8	4	0	1	0	0	2	1	0	0
	NIC	1,814,682	18	13	NIC	0	8	3	0	1	1	0	2	0	1	0
	PAN	1,073,291	11	17	PAN	0	13	10	1	1	0	0	1	0	0	0
CAR	SLV	1,625,466	16	36	SLV	3	22	16	1	3	1	0	0	0	1	0
	CAR	1,758,319	18	6	CAR	0	1	1	0	0	0	0	0	0	0	0
	CUB	1,830,247	18	10	CUB	0	11	11	0	0	0	0	0	0	0	0
	DOM	3,155,763	32	7	DOM	0	3	3	0	0	0	0	0	...	...	...
	HTI	3,616,958	36	6	HTI	1	2	1	1	0	0	0	0	0	0	0
MEX	MEX	34,977,953	350	421	MEX	0	2	1	0	0	0	1	0	0	0	
	CAN	5,797,902	58	6	CAN	0	0	0	...	...	...	...	...	...	...
NOA	USA	61,098,121	NR	NR	USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	ARG	10,987,085	110	117	ARG	0	9	0	0	0	1	4	4	0	...	...
SOC	CHL	3,603,758	36	52	CHL	0	31	25	0	3	1	0	0	0	2	0
	PRY	2,077,285	21	22	PRY	0	13	7	2	0	0	1	1	0	2	0
	URY	731,231	7	1	URY	0	1	1	0	...	...	...	...	...	...	...
	Total	229,262,842	1682	1298	Total	6	287	211	10	17	9	10	17	3	10	0

*As reported by countries

NR - No reporting

... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2017 and 2016

Sub Region	Country	Polio 2017		AFP Cases and indicators, last 52 weeks (2016/40 - 2017/39)					Polio 2016		AFP Cases and indicators, 2016 (2016/1 - 2016/52)				
		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	15	0.43	100	87	...	0	0	24	0.69	92	79	79
	COL	0	0	137	1.18	66	80	95	0	0	185	1.59	76	83	93
	ECU	0	0	33	0.70	97	82	...	0	0	29	0.62	100	83	...
	PER	0	0	53	0.60	72	68	73	0	0	56	0.64	80	75	70
	VEN	0	0	67	0.76	100	81	84	0	0	113	1.29	88	79	84
BRA	BRA	0	0	337	0.71	99	67	33	0	0	500	1.05	99	65	92
CAP	CRI	0	0	34	3.19	71	85	...	0	0	31	2.91	55	90	...
	GTM	0	0	32	0.53	...	56	80	0	0	30	0.51	...	71	77
	HND	0	0	50	1.55	38	92	90	0	0	65	2.02	49	83	90
	NIC	0	0	17	0.94	65	100	99	0	0	26	1.43	88	100	100
	PAN	0	0	22	2.05	59	86	83	0	0	17	1.58	76	88	80
CAR	SLV	0	0	44	2.71	27	82	41	0	0	47	2.89	38	72	32
	CAR	0	0	7	0.40	71	71	81	0	0	24	1.36	92	21	86
	CUB	0	0	13	0.71	100	100	100	0	0	17	0.93	100	88	100
	DOM	0	0	9	0.29	...	78	...	0	0	33	1.05	6	82	...
	HTI	0	0	9	0.25	44	33	86	0	0	14	0.39	71	50	78
MEX	MEX	0	0	576	1.65	99	78	...	0	0	600	1.72	99	79	...
NOA	CAN	0	0	15	0.26	...	40	...	0	0	39	0.67	...	36	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	156	1.42	40	71	82	0	0	207	1.88	41	71	85
	CHL	0	0	69	1.91	64	67	...	0	0	75	2.08	80	71	...
	PRY	0	0	33	1.59	85	88	88	0	0	29	1.40	93	86	80
	URY	0	0	2	0.27	100	50	...	0	0	5	0.68	100	60	...
Total [§]	0	0	1730	1.03	80	75	-	0	0	2166	1.29	81	74	-	

+ 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 2016/40 - 2017/39

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	BLZ	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	DOM	9	2	0	0	0	0	0	7	0	0	0	7	6	100	
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	47	0	0	2	0	0	5	40	0	0	11	45	45	96	
	HTI	8	1	0	0	0	0	0	7	0	0	0	7	3	100	
	JAM	4	0	0	0	0	0	0	4	0	0	0	4	4	100	
	NIC	21	4	0	4	0	0	1	12	0	0	8	13	13	100	
	PAN	22	13	0	0	0	0	1	8	0	0	11	9	9	89	
	TTO	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
CDC	GTM	30	14	0	1	0	0	0	15	0	0	0	15	14	0	
	PRY	32	12	0	0	0	0	1	19	0	0	5	20	20	55	
	SLV	44	0	0	22	0	0	0	22	0	0	0	22	22	0	
FIO	BRA	248	17	0	26	2	0	4	199	0	0	3	205	204	53	
	PER	37	5	0	0	0	0	0	32	0	0	0	32	15	33	
IEC	BRA	39	2	0	1	0	0	3	33	0	0	8	36	36	92	
INDRE	MEX	477	0	22	3	3	0	48	404	0	0	11	455	452	98	
INH	CRI	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
	VEN	63	12	0	4	0	0	0	47	0	0	0	47	47	83	
INS	COL	124	0	0	2	0	0	10	112	0	0	8	122	122	98	
	CRI	52	1	1	0	0	0	2	48	0	0	4	50	50	96	
	ECU	25	0	0	2	0	0	0	23	0	0	0	23	23	78	
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
IPK	CUB	14	14	0	0	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	51	0	0	0	0	0	4	47	0	0	8	51	51	94	
MAL	ARG	141	0	0	1	1	0	9	130	0	0	7	140	137	78	
	BOL	15	6	0	0	0	0	0	9	0	0	0	9	9	100	
	URY	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
(no lab. name)	CAN	8	0	0	0	0	0	0	8	0	0	0	8	0	0	
	ECU	8	7	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	5	5	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		1533	118	24	68	6	0	88	1232	0	0	7	1326	1288	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 2016/40 - 2017/39

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						
FIO	BRA	2	1	0	1	0	0	0	0	0	0	0	2	2	100	50	100
INDRE	MEX	3	0	0	3	0	0	0	0	0	0	0	3	3	100	100	100
INS	COL	0	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
MAL	ARG	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		6	1	0	6	0	0	0	0	0	0	0	7	7	100	86	100