



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 11 November 2017

Table No.1
Expected and reported AFP cases, 2017

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2017/45
AND	BOL	3,488,083	35	21
	COL	11,622,602	116	135
	ECU	4,705,464	47	33
	PER	8,786,980	88	43
	VEN	8,765,312	88	64
BRA	BRA	47,426,629	474	349
CAP	CRI	1,065,783	11	26
	GTM	6,032,750	60	39
	HND	3,221,178	32	41
	NIC	1,814,682	18	16
	PAN	1,073,291	11	18
	SLV	1,625,466	16	40
CAR	CAR	1,758,319	18	6
LAC	CUB	1,830,247	18	10
	DOM	3,155,763	32	7
	HTI	3,616,958	36	6
MEX	MEX	34,977,953	350	486
NOA	CAN	5,797,902	58	6
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	157
	CHL	3,603,758	36	59
	PRY	2,077,285	21	23
	URY	731,231	7	1
Total		229,262,842	1682	1586

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

Country	Total 2016	Cumm. 2017	Week										
			1-37	38	39	40	41	42	43	44	45		
BOL	0	14	10	0	4	0	0	...	...	...	...	...
COL	0	10	3	0	0	0	1	3	2	1	0	0	
ECU	0	14	11	1	2	0	...	...	...	...	...	...
PER	0	15	11	1	0	0	1	0	1	1	0	0	
VEN	0	12	7	0	1	0	0	3	1	0	0	0	
BRA	0	93	83	3	2	1	0	3	0	1	0	0	
CRI	0	5	3	1	1	0	0	0	0	0	...	...
GTM	1	5	3	0	0	0	1	1	0	0	0	0	
HND	0	5	1	1	1	0	0	2	0	0	0	0	
NIC	0	7	3	1	0	0	0	2	0	0	0	1	
PAN	0	4	3	0	0	0	0	1	0	0	0	0	
SLV	3	26	22	0	0	1	2	0	0	1	0	0	
CAR	0	3	2	0	0	0	0	1	0	0	0	0	
CUB	0	11	11	0	0	0	0	0	0	0	0	0	
DOM	0	3	3	0	0	0	0	0	0	0	0	0	
HTI	0	2	1	1	0	0	0	0	0	0	0	0	
MEX	0	8	1	0	1	0	1	2	1	1	1	1	
CAN	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	8	3	0	2	0	0	1	0	1	1	1	
CHL	0	34	27	2	1	0	1	1	0	0	2	2	
PRY	0	1	0	0	0	0	0	1	0	0	0	0	
URY	0	1	1	...	...	...	...	...	...	...	...	...
Total	4	281	209	11	15	2	7	21	5	6	5	5	

*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 (2016/46 - 2017/45)					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	22	0.63	100	86	...	0	0	24	0.69	92	79	79
	COL	0	0	152	1.31	66	79	95	0	0	185	1.59	76	83	93
	ECU	0	0	36	0.77	97	83	...	0	0	29	0.62	100	83	...
	PER	0	0	52	0.59	71	69	73	0	0	56	0.64	80	75	70
	VEN	0	0	67	0.76	100	76	84	0	0	113	1.29	88	79	84
BRA	BRA	0	0	392	0.83	99	68	33	0	0	500	1.05	99	65	92
CAP	CRI	0	0	33	3.10	70	88	...	0	0	31	2.91	55	90	...
	GTM	0	0	43	0.71	...	67	81	0	0	30	0.51	...	71	77
	HND	0	0	46	1.43	37	91	90	0	0	65	2.02	49	83	90
	NIC	0	0	17	0.94	65	94	99	0	0	26	1.43	88	100	100
	PAN	0	0	20	1.86	60	90	83	0	0	17	1.58	76	88	80
	SLV	0	0	44	2.71	25	77	40	0	0	47	2.89	38	72	32
CAR	CAR	0	0	6	0.34	67	83	80	0	0	24	1.36	92	21	86
LAC	CUB	0	0	10	0.55	100	100	100	0	0	17	0.93	100	88	100
	DOM	0	0	8	0.25	...	75	...	0	0	33	1.05	6	82	...
	HTI	0	0	7	0.19	43	57	88	0	0	14	0.39	71	50	78
MEX	MEX	0	0	552	1.58	98	82	...	0	0	600	1.72	99	79	...
NOA	CAN	0	0	10	0.17	...	30	...	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	176	1.60	39	75	67	0	0	207	1.88	41	71	85
	CHL	0	0	67	1.86	66	69	...	0	0	75	2.08	80	71	...
	PRY	0	0	25	1.20	84	92	90	0	0	29	1.40	93	86	80
	URY	0	0	1	0.14	100	...	...	0	0	5	0.68	100	60	...
Total [§]		0	0	1786	1.06	79	77	-	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 2016/46 - 2017/45

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	8	2	0	0	0	0	0	6	0	0	0	6	5	100	
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	45	4	0	2	0	0	3	36	0	0	8	39	39	95	
	HTI	7	0	0	0	0	0	0	7	0	0	0	7	3	100	
	JAM	3	0	0	0	0	0	0	3	0	0	0	3	3	100	
	NIC	21	3	1	1	0	0	4	12	0	0	25	16	16	88	
	PAN	21	5	0	0	0	0	3	13	0	0	19	16	16	94	
CDC	GTM	39	0	0	1	0	0	2	36	0	0	5	38	37	0	
	PRY	25	1	0	13	0	0	1	10	0	0	9	11	11	18	
	SLV	41	0	0	23	0	0	0	18	0	0	0	18	18	0	
FIO	BRA	280	17	0	11	4	0	4	244	0	0	3	252	250	54	
	PER	38	7	0	0	0	0	0	31	0	0	0	31	14	43	
IEC	BRA	61	3	0	1	0	0	3	54	0	0	5	57	56	93	
INDRE	MEX	483	0	14	3	3	0	46	420	0	0	10	469	468	98	
INH	VEN	62	9	0	5	0	0	0	48	0	0	0	48	48	75	
INS	COL	135	0	0	1	0	0	11	123	0	0	8	134	134	96	
	CRI	53	4	0	1	0	0	2	46	0	0	4	48	48	96	
	ECU	24	0	0	2	0	0	0	22	0	0	0	22	22	77	
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
IPK	CUB	11	11	0	0	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	51	0	0	0	0	0	3	48	0	0	6	51	51	94	
MAL	ARG	159	0	0	1	1	0	8	149	0	0	6	158	153	71	
	BOL	22	14	0	0	0	0	0	8	0	0	0	8	8	100	
	URY	3	0	0	0	0	0	0	3	0	0	0	3	0	0	
(no lab. name)	CAN	12	11	0	0	0	0	0	1	0	0	0	1	1	100	
	ECU	4	4	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	4	4	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		1617	101	15	65	8	0	90	1341	0	0	7	1439	1404	80	

... 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 2016/46 - 2017/45

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	4	3	0	2	0	0	0	0	0	0	0	4	4	75	75	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		8	3	0	7	0	0	0	0	0	0	0	9	9	89	89	100