



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 09 December 2017

Table No.1
Expected and reported AFP cases, 2017

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2017/49
AND	BOL	3,488,083	35	21
	COL	11,622,602	116	147
	ECU	4,705,464	47	33
	PER	8,786,980	88	46
	VEN	8,765,312	88	66
BRA	BRA	47,426,629	474	375
CAP	CRI	1,065,783	11	26
	GTM	6,032,750	60	39
	HND	3,221,178	32	44
	NIC	1,814,682	18	18
	PAN	1,073,291	11	18
SLV	SLV	1,625,466	16	44
	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	8
MEX	MEX	34,977,953	350	532
NOA	CAN	5,797,902	58	6
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	181
	CHL	3,603,758	36	66
	PRY	2,077,285	21	28
	URY	731,231	7	1
Total		229,262,842	1682	1722

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

Country	Total 2016	Cumm. 2017	Week										
			1-41	42	43	44	45	46	47	48	49		
BOL	0	14	14	0	0	0	0	0	0	0	0	0	0
COL	0	12	3	0	0	0	0	2	2	4	1	0	0
ECU	0	14	14	...	...	...	...	...	...	...	...	...	...
PER	0	10	5	0	2	1	0	2	0	0	0	0	0
VEN	0	14	9	4	1	0	0	0	0	0	0	0	0
BRA	0	98	89	2	2	4	1	0	...	...	...	...	...
CRI	0	5	5	0	0	0	0	0	0	0	0	0	...
GTM	1	5	4	1	0	0	0	0	...	...	...	...	...
HND	0	8	3	2	0	0	0	1	1	1	1	0	0
NIC	0	8	3	2	0	0	2	1	0	...	...	...	...
PAN	0	2	1	1	0	0	0	0	0	0	...	...	...
SLV	2	24	21	1	0	0	0	0	1	1	1	0	0
CAR	0	2	1	1	0	0	0	0	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	3	2	0	1	0	0	0	0	0	0	0	...
MEX	0	12	2	2	1	0	3	1	0	0	0	3	0
CAN	0	0	0	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	0	7	1	0	0	1	1	3	1	0	0	...	...
CHL	1	39	29	1	0	0	2	1	3	2	1	0	0
PRY	0	6	0	1	0	0	1	2	1	1	1	0	0
URY	0	1	1	...	...	...	...	...	...	...	...	...	...
Total	4	298	221	18	7	6	12	13	11	6	4		

*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 (2016/50 - 2017/49)					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	21	0.60	100	86	...	0	0	24	0.69	92	79	79
	COL	0	0	151	1.30	62	79	95	0	0	185	1.59	76	83	93
	ECU	0	0	35	0.74	97	83	...	0	0	29	0.62	100	83	...
	PER	0	0	49	0.56	69	67	68	0	0	51	0.58	78	73	70
	VEN	0	0	68	0.78	100	76	84	0	0	113	1.29	88	79	84
BRA	BRA	0	0	395	0.83	99	68	33	0	0	500	1.05	99	65	92
CAP	CRI	0	0	28	2.63	79	89	...	0	0	31	2.91	55	90	...
	GTM	0	0	40	0.66	...	70	80	0	0	30	0.51	...	71	77
	HND	0	0	45	1.40	38	91	90	0	0	65	2.02	49	83	90
	NIC	0	0	18	0.99	67	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	46	2.83	24	83	39	0	0	47	2.89	38	72	32	
CAR	CAR	0	0	6	0.34	67	83	81	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	0	75	...	0	0	33	1.05	6	82	...
	HTI	0	0	9	0.25	56	44	88	0	0	14	0.39	71	50	78
MEX	MEX	0	0	557	1.59	99	82	...	0	0	600	1.72	99	79	...
NOA	CAN	0	0	6	0.10	...	33	...	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	186	1.69	44	77	65	0	0	207	1.88	41	71	85
	CHL	0	0	71	1.97	65	62	...	0	0	76	2.11	80	70	...
	PRY	0	0	29	1.40	86	93	91	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	1799	1.07	80	77	-	0	0	2162	1.29	81	74	-

+ 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 2016/50 - 2017/49

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test												
			Pending results			With results						% Positive specimens for NPEV	Timing of isolation results		
			Not yet in lab.	Received ≤14 Days	Received >14 Days	Only poliovirus	Poliovirus & NPEV	Only NPEV	Negative	Others	Inadequate		Total specimens with results	Total with reception & result dates	% Results ≤ 14 days
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	41	0	0	2	0	0	2	37	0	0	5	39	39	92
	HTI	8	1	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	25	9	0	1	0	0	4	11	0	0	27	15	15	87
	PAN	22	4	0	0	0	0	3	15	0	0	17	18	18	89
	PRY	1	1	0	0	0	0	0	0	0	0	0	0	0	0
CDC	GTM	37	0	0	1	0	0	1	35	0	0	3	36	35	0
	PRY	28	5	0	13	0	0	1	9	0	0	10	10	10	10
	SLV	45	0	1	4	0	0	0	40	0	0	0	40	40	0
FIO	BRA	285	19	0	17	4	0	4	241	0	0	3	249	247	54
	PER	34	3	0	0	0	0	0	31	0	0	0	31	17	59
IEC	BRA	62	4	0	1	0	0	3	54	0	0	5	57	56	93
INDRE	MEX	489	0	12	3	3	0	47	427	0	0	10	477	477	98
INH	VEN	62	10	0	5	0	0	0	47	0	0	0	47	47	74
INS	COL	135	1	0	1	0	0	8	125	0	0	6	133	133	97
	CRI	46	4	0	0	0	0	2	40	0	0	5	42	42	95
	ECU	23	0	0	2	0	0	0	21	0	0	0	21	21	76
	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	49	0	0	0	0	0	3	46	0	0	6	49	49	94
MAL	ARG	168	0	0	1	0	0	8	159	0	0	5	167	163	72
	BOL	21	14	0	0	0	0	0	7	0	0	0	7	7	100
(no lab. name)	CAN	2	0	0	0	0	0	0	2	0	0	0	2	0	0
	ECU	12	11	0	0	0	0	0	1	0	0	0	1	1	100
	GTM	4	4	0	0	0	0	0	0	0	0	0	0	0	0
	HND	4	3	0	0	0	0	0	1	0	0	0	1	0	0
	HTI	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	PER	6	6	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		1636	114	13	51	7	0	86	1368	0	0	6	1461	1431	79

... 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 2016/50 - 2017/49

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
Total		7	3	0	6	0	0	0	0	0	0	0	8	8	88	88	100