



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 3 December 2016

Table No.1
Expected and reported AFP cases, 2016

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2016/48
AND	BOL	3,488,083	35	22
	COL	11,622,602	116	173
	ECU	4,705,464	47	25
	PER	8,786,980	88	46
	VEN	8,765,312	88	109
BRA	BRA	47,426,629	474	360
CAP	CRI	1,065,783	11	23
	GTM	6,032,750	60	20
	HND	3,221,178	32	63
	NIC	1,814,682	18	25
	PAN	1,073,291	11	14
SLV	SLV	1,625,466	16	41
	CAR	CAR	1,758,319	18	24
LAC	CUB	1,830,247	18	1
	DOM	3,155,763	32	25
	HTI	3,616,958	36	13
MEX	MEX	34,977,953	350	528
NOA	CAN	5,797,902	58	21
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	186
	CHL	3,603,758	36	66
	PRY	2,077,285	21	28
	URY	731,231	7	5
Total		229,262,842	1682	1818

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

Country	Total 2015	Cumm. 2016	Week										
			1-40	41	42	43	44	45	46	47	48		
BOL	1	19	19	0	0	0	0	0	0	0	0	0	...
COL	0	14	5	1	0	1	1	1	1	4	1	...	
ECU	0	7	7	0	0	0	0	0	0	...	...	...
PER	0	9	4	0	0	2	0	1	1	1	0	...	
VEN	0	3	1	0	0	0	0	1	1	0	0	...	
BRA	0	98	84	0	3	5	1	3	1	1	0	...	
CRI	0	4	3	1	0	0	0	0	0	0	0	...	
GTM	0	12	12	0	0	0	0	0	0	0	0	...	
HND	0	15	4	3	1	2	2	0	1	2	0	...	
NIC	0	6	3	1	1	1	0	0	...	...	...	...
PAN	0	14	12	0	0	1	0	1	0	0	0	...	
SLV	2	25	22	0	1	1	1	0	0	0	0	...	
CAR	0	47	47	0	0	0	0	0	0	0	0	...	
CUB	1	1	1	...	...	...	...	...	...	...	...	...
DOM	0	0	0	0	0	0	0	0	0	0	0	...	
HTI	0	4	2	0	1	1	0	0	0	0	0	...	
MEX	0	55	24	3	4	5	7	10	2	0	...	...
CAN	0	0	0	0	0	0	0	0	0	0	0	...	
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	...	
ARG	0	4	0	0	1	0	1	1	0	1	0	...	
CHL	0	40	34	3	1	1	0	0	1	0	0	...	
PRY	0	13	6	0	3	0	3	0	1	0	0	...	
URY	0	3	2	0	0	0	0	1	...	...	...	...
Total	4	393	292	12	16	20	16	19	12	6	0	...	

*As reported by countries

NR - No reporting

... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2016 and 2015

Sub Region	Country	Polio 2016		AFP Cases and indicators, last 52 weeks (2015/49 - 2016/48)					Polio 2015		AFP Cases and indicators, 2015 (2015/1 - 2015/52)				
		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	27	0.76	93	85	80	0	0	36	1.01	86	92	83
	COL	0	0	184	1.43	74	80	93	0	0	135	1.05	70	79	92
	ECU	0	0	26	0.52	96	85	...	0	0	24	0.48	54	96	...
	PER	0	0	55	0.63	62	73	...	0	0	75	0.86	75	68	...
	VEN	0	0	115	1.31	88	79	81	0	0	91	1.10	81	75	27
BRA	BRA	0	0	393	0.83	99	65	86	0	0	485	1.02	97	71	...
CAP	CRI	0	0	24	2.24	54	88	...	0	0	22	2.05	36	95	...
	GTM	0	0	24	0.37	...	71	77	0	0	25	0.39	...	60	80
	HND	0	0	65	2.02	45	83	90	0	0	63	0.02	32	83	89
	NIC	0	0	26	1.29	88	100	100	0	0	20	0.99	90	95	100
	PAN	0	0	14	1.30	71	86	76	0	0	14	1.28	86	86	84
SLV	0	0	45	2.49	33	78	46	0	0	30	1.66	30	93	33	
CAR	CAR	0	0	24	1.36	92	25	88	0	0	9	0.51	56	33	85
LAC	CUB	0	0	2	0.11	100	100	100	0	0	8	0.42	100	88	100
	DOM	0	0	25	0.79	8	80	...	0	0	14	0.48	14	93	...
	HTI	0	0	13	0.36	77	54	76	0	0	12	0.33	83	67	55
MEX	MEX	0	0	555	1.59	99	70	...	0	0	533	1.59	99	81	...
NOA	CAN	0	0	22	0.38	...	18	...	0	0	23	0.40	...	17	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	199	1.81	41	71	84	0	0	217	2.00	64	82	88
	CHL	0	0	72	1.96	83	74	...	0	0	70	1.91	89	60	...
	PRY	0	0	29	1.40	86	86	87	0	0	26	1.19	85	77	83
	URY	0	0	5	0.68	100	60	...	0	0	4	19.19	100	50	...
Total §		0	0	1944	1.16	80	72	-	0	0	1936	1.15	82	77	-

+ 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 2015/49 - 2016/48

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	3	0	0	2	0	0	0	1	0	0	0	1	1	100
	DOM	25	0	0	0	0	0	0	25	0	0	0	25	25	100
	GRD	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HND	51	0	0	0	0	0	5	46	0	0	10	51	51	75
	HTI	13	4	0	0	0	0	0	9	0	0	0	9	8	88
	JAM	5	1	0	0	0	0	0	4	0	0	0	4	4	100
	NIC	25	5	0	0	0	0	0	20	0	0	0	20	20	95
	PAN	13	6	0	0	0	0	0	7	0	0	0	7	7	100
	SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	TTO	1	0	0	0	0	0	0	1	0	0	0	1	1	100
CDC	GTM	23	12	0	0	0	0	11	0	0	0	11	7	0	
	PRY	29	13	0	0	0	0	16	0	0	0	16	16	81	
	SLV	40	0	0	13	0	0	29	0	0	0	29	29	0	
FIO	BRA	276	28	0	7	1	0	7	233	0	0	3	241	238	74
	PER	41	3	0	4	0	0	0	34	0	0	0	34	34	50
IEC	BRA	52	7	0	1	1	0	2	41	0	0	7	44	40	73
INDRE	MEX	438	3	0	24	4	0	33	378	0	0	9	415	415	100
INH	VEN	108	0	0	13	2	0	3	90	0	0	5	94	94	66
INS	COL	173	2	4	2	0	0	12	153	0	0	7	165	165	96
	CRI	36	4	0	0	0	0	3	29	0	0	9	32	32	100
	ECU	28	4	0	1	0	0	1	22	0	0	4	23	22	18
INS	PER	1	0	0	1	0	0	0	0	0	0	0	0	0	0
IPK	CUB	2	2	0	0	0	0	0	0	0	0	0	0	0	0
ISP	ARG	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	CHL	64	0	0	0	0	0	5	59	0	0	8	64	64	89
MAL	ARG	183	0	0	7	5	0	24	147	0	0	16	176	173	77
	BOL	27	19	0	2	0	0	1	5	0	0	17	6	6	100
	URY	3	1	0	0	0	0	1	1	0	0	50	2	2	0
(no lab. name)	ARG	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	BRA	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	CAN	6	0	0	0	0	0	0	6	0	0	0	6	0	0
	HND	15	15	0	0	0	0	0	0	0	0	0	0	0	0
	NIC	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	PER	2	2	0	0	0	0	0	0	0	0	0	0	0	0
VEN	8	2	0	0	0	0	0	6	0	0	0	6	6	83	
Total		1697	135	4	77	13	0	97	1377	0	0	7	1486	1464	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 2015/49 - 2016/48

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	0	1	2	0	0	0	0	0	0	0	2	2	50	100	100
INDRE	MEX	4	2	3	2	0	0	0	0	0	0	0	4	4	100	100	100
INH	VEN	2	0	0	1	0	0	0	0	0	0	1	1	100	100	100	
MAL	ARG	5	0	2	5	0	0	0	0	0	0	0	5	5	100	100	100
	BOL	0	2	0	0	0	0	0	0	0	0	0	2	2	100	0	0
Total		13	4	6	10	0	0	0	0	0	0	1	14	14	93	86	86