



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 17 September 2016

Table No.1
Expected and reported AFP cases, 2016

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2016/37
AND	BOL	3,488,083	35	16
	COL	11,622,602	116	144
	ECU	4,705,464	47	22
	PER	8,786,980	88	34
	VEN	8,765,312	88	93
BRA	BRA	47,426,629	474	186
CAP	CRI	1,065,783	11	19
	GTM	6,032,750	60	20
	HND	2,540,555	25	47
	NIC	1,814,682	18	20
	PAN	1,073,291	11	11
	SLV	1,625,466	16	36
CAR	CAR	1,758,319	18	21
LAC	CUB	1,830,247	18	1
	DOM	3,155,763	32	25
	HTI	3,616,958	36	6
MEX	MEX	34,977,953	350	348
NOA	CAN	5,797,902	58	9
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	141
	CHL	3,603,758	36	48
	PRY	1,998,950	20	16
	URY	731,231	7	3
Total		228,503,884	1674	1266

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

Country	Total 2015	Cumm. 2016	Week										
			1-29	30	31	32	33	34	35	36	37		
BOL	2	14	13	0	0	0	0	0	0	1	0	...	
COL	0	12	2	2	0	0	0	0	1	2	3	2	
ECU	0	6	0	0	1	1	0	2	0	0	2	...	
PER	0	10	5	2	1	1	0	1	0	0	0	...	
VEN	2	26	22	1	0	2	0	1	0	0	0	...	
BRA	0	68	68	0	0	0	...	...	...	...	...	...
CRI	0	9	4	2	0	1	2	0	0	0	0	...	
GTM	0	12	11	1	0	0	0	0	0	0	0	...	
HND	0	12	3	2	1	3	1	0	0	2	0	...	
NIC	0	11	7	2	0	2	0	0	0	...	...	...
PAN	2	11	7	0	2	2	0	0	0	0	...	...
SLV	3	22	11	4	2	2	2	0	0	1	...	...
CAR	0	85	69	3	8	3	1	1	0	0	0	...	
CUB	1	1	1	0	0	0	0	0	...	...	...	...
DOM	0	0	0	0	0	0	0	0	0	0	...	...
HTI	0	4	4	0	0	0	0	0	0	0	0	...	
MEX	0	44	23	1	8	0	8	4	0	0	0	...	
CAN	0	0	0	0	0	0	0	0	0	0	0	...	
USA	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	...	
ARG	1	15	9	0	1	0	3	0	1	1	0	...	
CHL	1	30	22	2	0	3	1	1	0	1	...	...
PRY	0	11	4	0	2	1	0	2	1	1	0	...	
URY	0	1	1	0	0	0	0	0	0	0	0	...	
Total	12	404	286	22	26	21	18	13	5	9	4	...	

*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 (2015/38 - 2016/37)					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	0.77	89	89	81	0	0	36	1.03	86	92	83
	COL	0	0	178	1.52	76	79	93	0	0	135	1.15	70	79	92
	ECU	0	0	24	0.51	92	83	...	0	0	24	0.51	54	96	...
	PER	0	0	56	0.64	54	70	...	0	0	75	0.86	75	68	...
	VEN	0	0	115	1.31	84	78	60	0	0	93	1.06	81	73	27
BRA	BRA	0	0	309	0.65	99	63	86	0	0	485	1.01	97	71	...
CAP	CRI	0	0	24	2.24	46	92	...	0	0	22	2.05	36	95	...
	GTM	0	0	26	0.43	...	69	77	0	0	25	0.42	...	60	80
	HND	0	0	57	2.22	42	81	90	0	0	63	2.46	32	83	89
	NIC	0	0	31	1.70	87	97	100	0	0	20	1.09	90	95	100
	PAN	0	0	14	1.30	79	86	80	0	0	14	1.31	86	86	84
	SLV	0	0	44	2.66	34	52	48	0	0	31	1.87	29	90	39
CAR	CAR	0	0	22	1.25	91	23	88	0	0	9	0.51	56	33	85
LAC	CUB	0	0	4	0.22	100	100	100	0	0	8	0.43	100	88	100
	DOM	0	0	32	1.01	13	84	...	0	0	14	0.44	14	93	...
	HTI	0	0	8	0.22	75	50	72	0	0	12	0.33	83	67	55
MEX	MEX	0	0	482	1.37	99	75	...	0	0	534	1.52	99	81	...
NOA	CAN	0	0	15	0.26	...	7	...	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	193	1.76	44	73	86	0	0	217	1.98	64	82	88
	CHL	0	0	72	1.99	86	63	...	0	0	70	1.94	89	59	...
	PRY	0	0	18	0.90	89	83	86	0	0	26	1.30	85	77	83
	URY	0	0	5	0.68	100	60	...	0	0	4	0.54	100	50	...
Total §		0	0	1756	1.05	79	72	-	0	0	1940	1.16	82	76	-

+ 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 2015/38 - 2016/37

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test											Total specimens with results	Total with reception & result dates	% Results ≤ 14 days
			Pending results			With results						% Positive specimens for NPEV				
			Not yet in lab.	Received ≤14 Days	Received >14 Days	Only poliovirus	Poliovirus & NPEV	Only NPEV	Negative	Others	Inadequate					
CAR	BLZ	4	0	0	2	0	0	0	2	0	0	0	2	2	100	
	DOM	32	0	0	0	0	0	0	32	0	0	0	32	32	100	
	GRD	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	46	0	0	1	0	0	6	39	0	0	13	45	45	60	
	HTI	8	4	0	0	0	0	0	4	0	0	0	4	3	33	
	JAM	4	1	0	0	0	0	0	3	0	0	0	3	3	100	
	NIC	29	8	0	0	0	0	1	20	0	0	5	21	21	48	
	PAN	14	4	0	0	0	0	0	10	0	0	0	10	10	100	
	SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
CDC	GTM	25	12	0	0	0	0	0	13	0	0	0	13	9	22	
	NIC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	PRY	18	12	0	0	0	0	0	6	0	0	0	6	6	100	
	SLV	26	0	0	5	0	0	0	21	0	0	0	21	21	0	
FIO	BRA	219	13	0	7	1	0	7	191	0	0	4	199	195	72	
	PER	43	4	0	4	0	0	0	35	0	0	0	35	35	54	
IEC	BRA	30	4	0	0	2	0	0	24	0	0	8	26	23	65	
INDRE	MEX	400	3	0	23	5	0	32	341	0	0	10	378	377	99	
INH	VEN	80	5	0	14	1	0	1	59	0	0	3	61	61	66	
INS	COL	165	0	3	0	0	0	10	151	1	0	6	162	162	93	
	CRI	37	0	0	8	0	0	2	27	0	0	7	29	29	93	
	ECU	20	1	0	1	0	0	0	18	0	0	0	18	18	0	
INS	PER	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
IPK	CUB	4	2	0	0	0	0	0	2	0	0	0	2	2	100	
ISP	CHL	53	0	0	0	0	0	5	48	0	0	9	53	53	89	
MAL	ARG	179	0	0	14	11	0	21	133	0	0	19	165	162	72	
	BOL	27	13	0	3	0	0	1	10	0	0	9	11	11	100	
	URY	3	1	0	0	0	0	1	1	0	0	50	2	2	0	
(no lab. name)	BRA	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	CAN	2	0	0	0	0	0	0	2	0	0	0	2	0	0	
	ECU	5	4	0	0	0	0	0	1	0	0	0	1	0	0	
	HND	12	12	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	29	12	0	0	0	0	1	16	0	0	6	17	17	65		
Total		1521	119	3	83	20	0	88	1211	1	0	8	1320	1301	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 2015/38 - 2016/37

Lab.	Country	Number of poliovirus isolated	Poliovirus Intratypic Differentiation Results									Pending ITD results	ITD Indicators				
			Sabin			VDPV			Wild				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	3	1	2	3	0	0	0	0	0	0	0	3	3	33	67	100
INDRE	MEX	5	2	2	2	0	0	0	0	0	0	1	4	4	100	100	100
INH	VEN	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
MAL	ARG	11	2	6	8	0	0	0	0	0	0	0	11	11	100	100	100
	BOL	0	3	0	0	0	0	0	0	0	0	0	3	3	100	0	0
Total		20	8	10	14	0	0	0	0	0	0	1	22	22	91	82	86