



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 3 September 2016

Table No.1
Expected and reported AFP cases, 2016

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2016/35
AND	BOL	3,488,083	35	15
	COL	11,622,602	116	138
	ECU	4,705,464	47	18
	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	35
CAR	CAR	1,758,319	18	21
LAC	CUB	1,830,247	18	1
	DOM	3,155,763	32	0
	HTI	3,616,958	36	5
MEX	MEX	34,977,953	350	348
NOA	CAN	5,797,902	58	7
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	134
	CHL	3,603,758	36	46
	PRY	1,998,950	20	15
	URY	731,231	7	3
Total		228,503,884	1674	1216

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

Country	Total 2015	Cumm. 2016	Week										
			1-27	28	29	30	31	32	33	34	35		
BOL	3	13	13	0	0	0	0	0	0	0	0	0	...
COL	0	13	3	0	0	0	3	0	1	0	0	4	2
ECU	0	3	1	0	0	0	0	1	1	0	0	0	0
PER	0	10	5	0	0	2	1	1	0	1	0	1	0
VEN	2	32	27	1	1	0	0	2	0	1	0	1	0
BRA	0	68	68	0	0	0	0	0	0
CRI	0	9	2	1	1	2	0	1	2	0	0	0	0
GTM	0	12	9	2	0	1	0	0	0	0	0	0	0
HND	0	11	1	1	1	2	1	3	2	0	0	0	0
NIC	0	11	6	0	1	2	0	2	0	0	0	0	0
PAN	2	11	7	0	0	0	2	2	0	0	0	0	0
SLV	3	25	13	1	0	4	2	3	2	0	0
CAR	0	85	56	4	9	3	8	3	1	1	0	0	0
CUB	1	1	1	0	0	0	0	0	0	0	0	0	...
DOM	0	0	0	0	0	0	0	0	0	0	0	0	0
HTI	0	3	3	0	0	0	0	0	0	0	0	0	...
MEX	0	44	14	3	6	1	8	0	8	4	0	0	0
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARG	1	15	10	0	0	2	1	1	1	0	0	0	0
CHL	1	28	20	1	1	1	0	3	1	1	0	0	0
PRY	0	11	5	0	0	0	2	1	0	2	1	0	1
URY	0	1	0	1	0	0	0	0	0	0	0	0	...
Total	13	406	264	15	20	23	26	24	17	14	3	3	3

*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 (2015/36 - 2016/35)					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	26	0.75	92	88	81	0	0	36	1.03	86	92	83
	COL	0	0	181	1.55	76	79	93	0	0	147	1.25	71	78	92
	ECU	0	0	22	0.47	86	86	...	0	0	24	0.51	54	96	...
	PER	0	0	60	0.68	55	72	...	0	0	75	0.86	75	68	...
	VEN	0	0	115	1.31	85	79	60	0	0	92	1.05	82	74	27
BRA	BRA	0	0	332	0.69	99	64	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	28	0.46	...	71	78	0	0	25	0.42	...	60	80
	HND	0	0	59	2.30	41	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	16	1.49	81	88	80	0	0	14	1.31	86	86	84
	SLV	0	0	44	2.66	34	52	47	0	0	31	1.87	29	90	39
CAR	CAR	0	0	23	1.31	91	22	88	0	0	9	0.51	56	33	85
LAC	CUB	0	0	5	0.27	100	100	100	0	0	8	0.43	100	88	100
	DOM	0	0	8	0.25	25	100	...	0	0	14	0.44	14	93	...
	HTI	0	0	7	0.19	71	57	71	0	0	12	0.33	83	67	55
MEX	MEX	0	0	500	1.43	99	76	...	0	0	534	1.52	99	81	...
NOA	CAN	0	0	14	0.24	...	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	194	1.77	46	74	86	0	0	217	1.98	64	82	88
	CHL	0	0	70	1.94	86	64	...	0	0	70	1.94	89	59	...
	PRY	0	0	21	1.05	90	86	86	0	0	26	1.30	85	77	84
	URY	0	0	5	0.68	100	60	...	0	0	4	0.54	100	50	...
Total §		0	0	1785	1.06	80	73	-	0	0	1951	1.16	82	77	-

+ Taken within 14 days of onset of paralysis

... - No data

CAR includes reports from all CAREC 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 2015/36 - 2016/35

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	4	0	0	2	0	0	0	2	0	0	0	2	2	100
	DMA	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	DOM	8	0	0	0	0	0	0	8	0	0	0	8	8	100
	GRD	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HND	48	0	0	1	0	0	6	41	0	0	13	47	47	62
	HTI	7	3	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	16	9	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
CDC	GTM	27	12	0	0	0	0	1	14	0	0	7	15	10	20
	NIC	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	PRY	19	9	0	0	0	0	0	10	0	0	0	10	10	100
	SLV	27	0	0	5	0	0	0	22	0	0	0	22	22	0
FIO	BRA	240	13	0	8	2	0	8	209	0	0	5	219	215	72
	PER	46	4	0	4	0	0	0	38	0	0	0	38	38	58
IEC	BRA	32	4	0	0	2	0	0	26	0	0	7	28	25	64
INDRE	MEX	415	3	15	8	5	0	35	353	0	0	10	393	392	99
INH	VEN	53	3	0	46	1	0	0	3	0	0	25	4	4	50
INS	COL	169	0	5	0	0	0	11	152	1	0	7	164	164	93
	CRI	37	0	8	0	0	0	2	27	0	0	7	29	29	93
	ECU	21	1	0	2	0	0	0	18	0	0	0	18	18	11
INS	PER	1	0	0	1	0	0	0	0	0	0	0	0	0	0
IPK	CUB	5	2	0	0	0	0	0	3	0	0	0	3	3	100
ISP	CHL	53	0	0	0	0	0	5	48	0	0	9	53	53	89
MAL	ARG	181	0	0	16	12	0	21	132	0	0	20	165	162	73
	BOL	26	12	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	2	1	0	0	0	0	0	1	0	0	0	1	0	0
	HND	11	11	0	0	0	0	0	0	0	0	0	0	0	0
	PER	3	2	0	0	0	0	0	1	0	0	0	1	1	100
	PRY	2	2	0	0	0	0	0	0	0	0	0	0	0	0
VEN	56	19	0	3	0	0	0	1	33	0	0	3	34	34	74
Total		1552	122	28	99	22	0	93	1191	1	0	9	1307	1287	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 2015/36 - 2016/35

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	1	2	4	0	0	0	0	0	0	0	4	4	50	75	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	12	2	6	9	0	0	0	0	0	0	0	12	12	100	100	100
	BOL	0	3	0	0	0	0	0	0	0	0	0	3	3	100	0	0
Total		22	8	10	16	0	0	0	0	0	0	1	24	24	92	83	88