



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 31, No. 46

Week ending 19 November 2016

Table No.1
Expected and reported AFP cases, 2016

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2016/46
AND	BOL	3,488,083	35	22
	COL	11,622,602	116	161
	ECU	4,705,464	47	25
	PER	8,786,980	88	43
	VEN	8,765,312	88	105
BRA	BRA	47,426,629	474	237
CAP	CRI	1,065,783	11	23
	GTM	6,032,750	60	20
	HND	3,221,178	32	60
	NIC	1,814,682	18	25
	PAN	1,073,291	11	12
SLV	SLV	1,625,466	16	39
	CAR	CAR	1,758,319	18
LAC	CUB	1,830,247	18	1
	DOM	3,155,763	32	25
	HTI	3,616,958	36	8
MEX	MEX	34,977,953	350	528
NOA	CAN	5,797,902	58	19
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	181
	CHL	3,603,758	36	65
	PRY	1,998,950	20	27
	URY	731,231	7	5
Total		229,184,507	1681	1654

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

Country	Total 2015	Cumm. 2016	Week										
			1-38	39	40	41	42	43	44	45	46		
BOL	1	19	18	1	0	0	0	0	0	0	0	0	0
COL	0	9	3	3	1	2	0	0	0	0	0	0	0
ECU	0	7	5	1	1	0	0	0	0	0	0	0	0
PER	0	8	4	2	0	0	0	2	0	0	0	0	0
VEN	0	19	15	2	0	1	1	1	0	0	0	0	0
BRA	0	69	69	0
CRI	0	4	1	1	1	1	0	0	0	0	0	0	0
GTM	0	12	12	0	0	0	0	0	0	0	0	0	0
HND	0	12	2	1	1	3	1	2	2	0	0	0	0
NIC	0	6	3	0	0	1	1	1	0	0	0	0	0
PAN	2	12	12	0	0	0	0	0	0	0	0	0	0
SLV	3	23	21	0	1	0	0	1	0	0	0	0	0
CAR	0	50	49	1	0	0	0	0	0	0	0	0	0
CUB	1	1	1	0	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	4	3	1	0	0	0	0	0	0	0	0	0
MEX	0	55	18	1	5	3	4	5	7	10	2	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	0	18	12	1	0	0	1	0	3	1	0	0	0
CHL	0	40	32	1	2	3	1	1	0	0	0	0	0
PRY	0	12	2	1	3	0	3	0	3	0	0	0	0
URY	0	3	2	0	0	0	0	0	0	0	1	0	0
Total	7	383	284	17	15	14	12	12	15	12	15	12	2

*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 (2015/47 - 2016/46)					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	28	0.79	93	86	80	0	0	36	1.01	86	92	83
	COL	0	0	173	1.34	76	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	75	...	0	0	75	0.86	75	68	...
	VEN	0	0	112	1.28	88	79	80	0	0	91	1.10	81	75	27
BRA	BRA	0	0	292	0.62	99	66	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	25	0.39	...	72	77	0	0	25	0.39	...	60	80
	HND	0	0	67	2.34	43	82	90	0	0	63	0.02	32	83	89
	NIC	0	0	30	1.49	90	100	100	0	0	20	0.99	90	95	100
	PAN	0	0	12	1.12	75	92	76	0	0	14	1.28	86	86	84
SLV	0	0	43	2.38	33	77	44	0	0	31	1.72	29	90	36	
CAR	CAR	0	0	23	1.31	91	22	88	0	0	9	0.51	56	33	85
LAC	CUB	0	0	3	0.16	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	8	0.22	88	75	75	0	0	12	0.33	83	67	55
MEX	MEX	0	0	571	1.63	98	70	...	0	0	533	1.59	99	81	...
NOA	CAN	0	0	20	0.34	...	15	...	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	40	70	84	0	0	217	2.00	64	82	88
	CHL	0	0	73	1.99	82	71	...	0	0	70	1.91	89	60	...
	PRY	0	0	28	1.28	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	1842	1.10	79	72	-	0	0	1937	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 2015/47 - 2016/46

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test											% Positive specimens for NPEV	Timing of isolation results		
			Pending results			With results						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	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	56	0	0	0	0	0	5	51	0	0	9	56	56	68		
	HTI	8	3	0	0	0	0	0	5	0	0	0	5	4	75		
	JAM	4	1	0	0	0	0	0	3	0	0	0	3	3	100		
	NIC	30	5	0	0	0	0	0	25	0	0	0	25	25	84		
	PAN	12	5	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	24	12	0	0	0	0	0	12	0	0	0	12	8	13		
	PRY	27	11	0	0	0	0	0	16	0	0	0	16	16	81		
	SLV	37	0	0	9	0	0	0	29	0	0	0	29	29	0		
FIO	BRA	209	14	0	7	1	0	4	183	0	0	3	188	185	76		
	PER	43	4	0	4	0	0	0	35	0	0	0	35	35	49		
IEC	BRA	36	4	0	1	2	0	1	28	0	0	10	31	28	64		
INDRE	MEX	451	3	15	9	4	0	34	390	0	0	9	428	428	100		
INH	VEN	94	8	0	13	2	0	3	68	0	0	7	73	73	68		
INS	COL	160	0	0	2	0	0	11	147	0	0	7	158	158	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	3	2	0	0	0	0	0	1	0	0	0	1	1	100		
ISP	ARG	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	CHL	62	0	0	0	0	0	5	57	0	0	8	62	62	89		
MAL	ARG	182	0	0	9	6	0	23	144	0	0	17	173	170	76		
	BOL	28	19	0	2	0	0	1	6	0	0	14	7	7	100		
	URY	3	1	0	0	0	0	1	1	0	0	50	2	2	0		
(no lab. name)	BRA	2	2	0	0	0	0	0	0	0	0	0	0	0	0		
	CAN	5	0	0	0	0	0	0	5	0	0	0	5	0	0		
	HND	12	12	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	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
VEN	15	8	0	0	0	0	0	0	7	0	0	7	7	86			
Total		1602	124	15	60	15	0	92	1301	0	0	8	1408	1388	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 2015/47 - 2016/46

Lab.	Country	Number of poliovirus isolated	Poliovirus Intratypic Differentiation Results									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
			Sabin			VDPV			Wild								
			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	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	1	100	100	100
MAL	ARG	6	0	3	5	0	0	0	0	0	0	0	6	6	100	100	100
	BOL	0	2	0	0	0	0	0	0	0	0	0	2	2	100	0	0
Total		15	5	8	11	0	0	0	0	0	0	1	16	16	88	81	88