



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 31, No. 42

Week ending 22 October 2016

Table No.1
Expected and reported AFP cases, 2016

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2016/42
AND	BOL	3,488,083	35	22
	COL	11,622,602	116	161
	ECU	4,705,464	47	22
	PER	8,786,980	88	41
	VEN	8,765,312	88	103
BRA	BRA	47,426,629	474	237
CAP	CRI	1,065,783	11	20
	GTM	6,032,750	60	20
	HND	3,221,178	32	55
	NIC	1,814,682	18	21
	PAN	1,073,291	11	12
SLV	SLV	1,625,466	16	38
	CAR	CAR	1,758,319	18	22
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	476
NOA	CAN	5,797,902	58	17
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	165
	CHL	3,603,758	36	62
	PRY	1,998,950	20	21
	URY	731,231	7	4
Total		229,184,507	1681	1553

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

Country	Total 2015	Cumm. 2016	Week										
			1-34	35	36	37	38	39	40	41	42		
BOL	1	19	15	1	2	0	0	1	0	0	0	0	
COL	0	9	2	0	0	1	0	3	1	2	0	0	
ECU	0	6	4	0	0	2	0	0	...	...	...	...
PER	0	11	5	1	1	1	1	2	0	0	0	0	
VEN	2	23	17	1	0	1	2	1	0	1	0	0	
BRA	0	69	63	1	3	1	1	0	...	...	...	...
CRI	0	7	6	0	1	0	0	0	0	0	0	0	
GTM	0	12	12	0	0	0	0	0	0	0	0	0	
HND	0	11	2	0	2	0	2	1	1	3	0	0	
NIC	0	2	1	0	0	0	0	0	0	1	...	...
PAN	2	12	12	0	0	0	0	0	0	0	0	0	
SLV	3	22	19	0	1	0	1	0	1	0	0	0	
CAR	0	75	73	1	0	0	0	1	0	0	0	0	
CUB	1	1	1	...	...	...	...	...	...	...	...	...
DOM	0	0	0	0	0	0	0	0	...	...	...	...
HTI	0	4	1	0	0	0	2	1	0	0	0	0	
MEX	0	42	17	2	3	2	3	2	5	5	3	3	
CAN	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	
ARG	0	20	17	0	0	0	0	0	1	2	0	0	
CHL	1	39	26	0	1	4	3	1	1	3	0	0	
PRY	0	6	0	0	1	1	0	1	3	0	0	0	
URY	0	2	1	0	0	0	1	0	0	0	0	0	
Total	10	392	294	7	15	13	16	14	13	17	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 (2015/43 - 2016/42)					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	33	0.93	91	88	80	0	0	36	1.03	86	92	83
	COL	0	0	183	1.42	77	81	93	0	0	135	1.15	70	79	92
	ECU	0	0	24	0.48	92	83	...	0	0	24	0.51	54	96	...
	PER	0	0	60	0.68	58	68	...	0	0	75	0.86	75	68	...
	VEN	0	0	118	1.35	86	77	60	0	0	93	1.06	81	73	27
BRA	BRA	0	0	326	0.69	99	67	86	0	0	485	1.01	97	71	...
CAP	CRI	0	0	23	2.14	48	91	...	0	0	22	2.05	36	95	...
	GTM	0	0	26	0.41	...	69	77	0	0	25	0.42	...	60	80
	HND	0	0	62	0.02	44	82	90	0	0	63	2.46	32	83	89
	NIC	0	0	30	1.49	87	100	100	0	0	20	1.09	90	95	100
	PAN	0	0	14	1.28	71	86	78	0	0	14	1.31	86	86	84
SLV	0	0	45	2.49	33	80	43	0	0	31	1.87	29	90	39	
CAR	CAR	0	0	22	1.25	91	18	89	0	0	9	0.51	56	33	85
LAC	CUB	0	0	4	0.21	100	100	100	0	0	8	0.43	100	88	100
	DOM	0	0	27	0.86	7	81	...	0	0	14	0.44	14	93	...
	HTI	0	0	9	0.25	89	67	73	0	0	12	0.33	83	67	55
MEX	MEX	0	0	555	1.59	98	72	...	0	0	533	1.52	99	81	...
NOA	CAN	0	0	19	0.33	...	21	...	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	204	1.86	44	72	85	0	0	217	1.98	64	82	88
	CHL	0	0	74	2.02	85	66	...	0	0	70	1.94	89	59	...
	PRY	0	0	22	1.01	91	86	86	0	0	26	1.30	85	77	83
	URY	0	0	4	0.55	100	75	...	0	0	4	0.54	100	50	...
Total §		0	0	1884	1.12	79	73	-	0	0	1939	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 2015/43 - 2016/42

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	27	0	0	0	0	0	0	27	0	0	0	27	27	100		
	GRD	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	HND	56	4	0	0	0	0	5	47	0	0	10	52	52	65		
	HTI	9	3	0	0	0	0	0	6	0	0	0	6	5	60		
	JAM	4	1	0	0	0	0	0	3	0	0	0	3	3	100		
	NIC	30	1	0	0	0	0	1	28	0	0	3	29	29	72		
	PAN	14	5	0	0	0	0	0	9	0	0	0	9	9	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		
	PRY	22	6	0	0	0	0	0	16	0	0	0	16	16	81		
	SLV	40	0	0	9	0	0	0	32	0	0	0	32	32	0		
FIO	BRA	236	14	0	7	1	0	4	210	0	0	2	215	210	74		
	PER	45	4	0	4	0	0	0	37	0	0	0	37	37	49		
IEC	BRA	38	4	0	1	2	0	1	30	0	0	9	33	30	60		
INDRE	MEX	451	3	25	6	4	0	37	380	0	0	10	421	421	100		
INH	VEN	91	9	0	13	1	0	2	66	0	0	4	69	69	67		
INS	COL	170	0	2	0	0	0	12	156	0	0	7	168	168	95		
	CRI	36	1	0	0	0	0	3	32	0	0	9	35	35	97		
	ECU	24	5	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	ARG	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	CHL	58	0	0	0	0	0	5	53	0	0	9	58	58	90		
MAL	ARG	185	0	0	13	10	0	21	141	0	0	18	172	169	73		
	BOL	33	19	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	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		
	ECU	1	0	0	0	0	0	0	1	0	0	0	1	0	0		
	HND	7	7	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	22	10	0	0	0	0	0	1	11	0	0	8	12	12	67		
Total		1648	116	27	60	18	0	94	1338	0	0	8	1450	1428	82		

... 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 2015/43 - 2016/42

Lab.	Country	Number of poliovirus isolated	Poliovirus Intratypic Differentiation Results									Pending ITD results	Number of specimens with ITD results	ITD Indicators			
			Sabin			VDPV			Wild					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	4	2	3	2	0	0	0	0	0	0	0	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	10	2	6	7	0	0	0	0	0	0	0	10	10	100	100	100
	BOL	0	3	0	0	0	0	0	0	0	0	0	3	3	100	0	0
Total		18	8	11	13	0	0	0	0	0	0	0	21	21	90	81	86