



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 31, No. 52

Week ending 31 December 2016

Table No.1
Expected and reported AFP cases, 2016

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2016/52
AND	BOL	3,488,083	35	23
	COL	11,622,602	116	187
	ECU	4,705,464	47	25
	PER	8,786,980	88	50
	VEN	8,765,312	88	110
BRA	BRA	47,426,629	474	360
CAP	CRI	1,065,783	11	30
	GTM	6,032,750	60	20
	HND	3,221,178	32	65
	NIC	1,814,682	18	26
	PAN	1,073,291	11	14
	SLV	1,625,466	16	44
CAR	CAR	1,758,319	18	23
LAC	CUB	1,830,247	18	1
	DOM	3,155,763	32	33
	HTI	3,616,958	36	13
MEX	MEX	34,977,953		558
NOA	CAN	5,797,902	58	25
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	196
	CHL	3,603,758	36	72
	PRY	2,077,285	21	29
	URY	731,231	7	5
Total		229,262,842	1682	1909

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

Country	Total 2015	Cumm. 2016	Week									
			1-44	45	46	47	48	49	50	51	52	
BOL	0	2	1	0	0	0	0	1	0	0	0	...
COL	0	15	7	0	2	1	1	0	2	1	1	1
ECU	0	7	7	0	...	...	...	...	...	...	...	...
PER	0	13	6	1	1	1	2	1	1	0	0	0
VEN	0	4	2	1	1	0	0	0	0	0	0	0
BRA	0	98	93	3	1	1	0	0	0	...	...	...
CRI	0	8	1	0	1	1	2	2	1	0	0	0
GTM	0	12	12	0	0	0	0	0	0	0	0	...
HND	0	4	0	0	0	2	1	0	0	1	0	0
NIC	0	2	1	0	1	0	0	0	0	...	...	...
PAN	0	3	2	1	0	0	0	0	0	0	0	...
SLV	1	28	25	0	0	0	0	2	0	1	0	0
CAR	0	16	15	0	0	0	0	1	0	0	0	0
CUB	1	1	1	...	...	...	...	...	...	...	...	...
DOM	0	1	0	0	0	0	0	0	1	0	0	0
HTI	0	4	4	0	0	0	0	0	0	0	0	0
MEX	0	25	14	1	1	4	4	1	0	...	...	...
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	9	2	0	0	0	5	1	1	...	...	...
CHL	0	44	39	0	1	1	0	0	1	1	1	1
PRY	0	14	12	0	1	0	0	0	0	1	0	0
URY	0	3	2	1	0	0	0	0	0	...	...	...
Total	2	313	246	8	10	11	16	8	7	5	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 (2016/01 - 2016/52)					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	23	0.66	91	83	82	0	0	36	1.01	86	92	83
	COL	0	0	187	1.61	75	80	93	0	0	135	1.05	70	79	92
	ECU	0	0	25	0.53	100	84	...	0	0	24	0.48	54	96	...
	PER	0	0	50	0.57	82	80	...	0	0	75	0.86	75	68	...
	VEN	0	0	110	1.25	88	79	84	0	0	91	1.10	81	75	27
BRA	BRA	0	0	360	0.76	99	64	93	0	0	485	1.02	97	71	...
CAP	CRI	0	0	30	2.81	57	90	...	0	0	22	2.05	36	95	...
	GTM	0	0	20	0.33	...	80	78	0	0	25	0.39	...	60	80
	HND	0	0	65	2.02	48	83	90	0	0	63	0.02	32	83	89
	NIC	0	0	26	1.43	88	100	100	0	0	20	0.99	90	95	100
	PAN	0	0	14	1.30	71	93	79	0	0	14	1.28	86	86	84
	SLV	0	0	46	2.83	30	72	43	0	0	30	1.66	29	90	36
CAR	CAR	0	0	23	1.31	91	22	85	0	0	9	0.51	56	33	85
LAC	CUB	0	0	1	0.05	100	100	100	0	0	8	0.42	100	88	100
	DOM	0	0	33	1.05	6	82	...	0	0	14	0.48	14	93	...
	HTI	0	0	13	0.36	77	54	78	0	0	12	0.33	83	67	55
MEX	MEX	0	0	558	1.60	99	75	...	0	0	533	1.59	99	81	...
NOA	CAN	0	0	25	0.45	...	31	...	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	196	1.78	40	68	84	0	0	217	2.00	64	82	88
	CHL	0	0	72	2.00	81	68	...	0	0	70	1.91	89	60	...
	PRY	0	0	29	1.40	93	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	1911	1.16	80	73	-	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 2016/01 - 2016/52

Lab.	Country	Number of specimens from AFP cases	Virus Isolation Test											Timing of isolation results		
			Pending results			With results						% Positive specimens for NPEV	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	1	0	0	0	2	0	0	0	2	2	50	
	DOM	33	1	0	0	0	0	2	30	0	0	6	32	32	100	
	GRD	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	62	0	0	0	0	0	9	53	0	0	15	62	62	82	
	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	26	1	0	0	0	0	2	23	0	0	8	25	25	100	
	PAN	14	0	0	0	0	0	3	11	0	0	21	14	14	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	19	12	0	0	0	0	7	0	0	0	7	4	0		
	PRY	29	14	0	0	0	0	15	0	0	0	15	15	80		
	SLV	38	0	0	13	0	0	27	0	0	0	27	27	0		
FIO	BRA	254	25	0	7	1	0	7	214	0	0	4	222	221	75	
	PER	37	3	0	4	0	0	0	30	0	0	0	30	30	43	
IEC	BRA	47	6	0	1	1	0	2	37	0	0	8	40	39	72	
INDRE	MEX	457	3	0	20	4	0	36	398	0	0	9	438	438	100	
INH	VEN	105	1	0	12	1	0	3	88	0	0	4	91	91	65	
INS	COL	174	2	0	4	0	0	15	153	0	0	9	168	168	96	
	CRI	41	4	0	7	0	0	3	27	0	0	10	30	30	100	
	ECU	27	4	0	1	0	0	1	21	0	0	5	22	22	18	
INS	PER	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
IPK	CUB	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	60	0	0	0	0	0	5	55	0	0	8	60	60	90	
MAL	ARG	176	0	0	6	4	0	20	146	0	0	14	170	167	75	
	BOL	23	2	0	1	0	0	4	16	0	0	20	20	20	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	
	CAN	8	0	0	0	0	0	0	8	0	0	0	8	0	0	
	CRI	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
	HND	4	4	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	6	6	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	5	2	0	0	0	0	0	3	0	0	0	3	3	67		
Total		1676	97	0	79	11	0	113	1382	0	0	8	1505	1488	84	

... 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 2016/01 - 2016/52

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	1	0	0	0	0	0	0	0	0	0	1	0	-	-	-	
MAL	ARG	4	0	1	4	0	0	0	0	0	0	0	4	4	100	100	100
	BOL	0	1	0	0	0	0	0	0	0	0	0	1	1	100	0	0
Total		11	3	5	8	0	0	0	0	0	0	1	11	11	91	91	91