



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 30 December 2017

Table No.1
Expected and reported AFP cases, 2017

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2017/52
AND	BOL	3,488,083	35	47
	COL	11,622,602	116	151
	ECU	4,705,464	47	33
	PER	8,786,980	88	50
	VEN	8,765,312	88	66
BRA	BRA	47,426,629	474	375
CAP	CRI	1,065,783	11	27
	GTM	6,032,750	60	38
	HND	3,221,178	32	46
	NIC	1,814,682	18	19
	PAN	1,073,291	11	21
	SLV	1,625,466	16	44
CAR	CAR	1,758,319	18	6
LAC	CUB	1,830,247	18	13
	DOM	3,155,763	32	7
	HTI	3,616,958	36	8
MEX	MEX	34,977,953	350	547
NOA	CAN	5,797,902	58	6
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	190
	CHL	3,603,758	36	68
	PRY	2,077,285	21	29
	URY	731,231	7	1
Total		229,262,842	1682	1792

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

Country	Total 2016	Cumm. 2017	Week									
			1-44	45	46	47	48	49	50	51	52	
BOL	0	28	25	0	1	0	0	0	1	1	0	
COL	0	5	2	0	0	1	0	2	0	0	...	
ECU	0	12	12	...	...	...	...	...	...	...	...
PER	0	6	4	0	1	0	1	0	0	0	0	
VEN	0	14	14	0	0	0	0	0	0	0	...	
BRA	0	98	97	1	0	...	...	...	...	...	...
CRI	0	1	0	0	0	0	0	1	0	0	0	
GTM	0	3	3	0	0	0	0	0	0	0	0	
HND	0	10	5	0	1	1	1	0	2	0	0	
NIC	0	4	0	2	1	0	0	0	0	1	0	
PAN	0	5	2	0	1	1	0	1	0	0	0	
SLV	2	24	22	0	0	1	1	0	0	0	0	
CAR	0	1	1	0	0	0	0	0	0	0	0	
CUB	0	14	12	0	2	0	0	0	0	0	0	
DOM	0	3	3	0	...	...	...	...	...	...	...
HTI	0	3	3	0	0	0	0	0	0	0	0	
MEX	0	1	1	0	0	0	0	0	0	...	...
CAN	0	0	0	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	6	0	0	1	1	1	3	0	0	0	
CHL	1	34	28	2	0	2	0	1	0	1	0	
PRY	0	7	1	1	2	1	1	0	1	0	0	
URY	0	1	1	...	...	...	...	...	...	...	...
Total	3	280	236	6	10	8	5	8	4	3	0	

*As reported by countries NR - No reporting ... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2017 and 2016

Sub Region	Country	Polio 2017		AFP Cases and indicators, last 52 weeks (2017/1 - 2017/52)					Polio 2016		AFP Cases and indicators, 2016 (2016/1 - 2016/52)				
		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	47	1.35	51	83	79	0	0	48	1.38	46	79	79
	COL	0	0	151	1.30	61	84	94	0	0	185	1.59	76	83	93
	ECU	0	0	33	0.70	97	85	...	0	0	29	0.62	100	83	...
	PER	0	0	50	0.57	72	68	52	0	0	56	0.64	78	73	70
	VEN	0	0	66	0.75	100	77	84	0	0	113	1.29	88	79	84
BRA	BRA	0	0	375	0.79	99	69	33	0	0	500	1.05	99	65	92
CAP	CRI	0	0	27	2.53	78	89	...	0	0	31	2.91	55	90	...
	GTM	0	0	38	0.63	...	71	83	0	0	30	0.50	...	73	77
	HND	0	0	46	1.43	35	89	90	0	0	65	2.02	48	85	90
	NIC	0	0	19	1.05	68	95	99	0	0	26	1.43	88	100	100
	PAN	0	0	21	1.96	57	95	84	0	0	17	1.58	76	88	84
	SLV	0	0	44	2.71	25	86	38	0	0	47	2.89	40	72	25
CAR	CAR	0	0	6	0.34	67	83	81	0	0	24	1.36	92	21	86
LAC	CUB	0	0	13	0.71	92	92	100	0	0	17	0.93	100	88	100
	DOM	0	0	7	0.22	...	86	...	0	0	33	1.05	6	79	...
	HTI	0	0	8	0.22	63	50	89	0	0	14	0.39	71	50	78
MEX	MEX	0	0	547	1.56	99	82	...	0	0	600	1.72	99	79	...
NOA	CAN	0	0	6	0.10	...	33	...	0	0	39	0.67	...	36	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	190	1.73	43	78	65	0	0	207	1.88	41	71	85
	CHL	0	0	68	1.89	75	69	...	0	0	76	2.11	80	70	...
	PRY	0	0	29	1.40	86	93	91	0	0	29	1.40	93	86	80
	URY	0	0	1	0.14	100	...	...	0	0	5	0.68	100	80	...
Total [§]	0	0	1792	1.07	79	78	-	0	0	2191	1.30	80	74	-	

+ Taken within 14 days of onset of paralysis
§ Excluding USA

... - No data
NR - No reporting

CAR includes reports from all CARPHA member countries

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 2017/1 - 2017/52

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	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	DOM	7	2	0	0	0	0	0	5	0	0	0	5	4	100
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HND	42	0	0	2	0	0	2	38	0	0	5	40	40	93
	HTI	7	1	0	0	0	0	0	6	0	0	0	6	3	100
	JAM	3	0	0	0	0	0	0	3	0	0	0	3	3	100
	NIC	26	1	0	1	0	0	7	17	0	0	29	24	24	92
	PAN	23	7	0	0	0	0	3	13	0	0	19	16	16	88
	PRY	1	1	0	0	0	0	0	0	0	0	0	0	0	0
CDC	GTM	35	0	0	0	0	0	1	34	0	0	3	35	34	0
	PRY	28	6	0	13	0	0	1	8	0	0	11	9	9	0
	SLV	44	0	0	5	0	0	0	39	0	0	0	39	39	0
FIO	BRA	273	18	0	17	4	0	4	230	0	0	3	238	236	54
	PER	39	1	1	1	0	0	0	36	0	0	0	36	23	43
IEC	BRA	57	2	0	1	0	0	2	52	0	0	4	54	53	94
INDRE	MEX	476	0	0	15	3	0	45	416	0	0	10	464	464	98
INH	VEN	59	9	0	4	0	0	0	46	0	0	0	46	46	74
INS	COL	142	0	1	2	0	0	7	132	0	0	5	139	139	96
	CRI	42	2	0	1	0	0	2	37	0	0	5	39	39	97
	ECU	21	0	0	2	0	0	0	19	0	0	0	19	19	79
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	0
IPK	CUB	14	11	0	3	0	0	0	0	0	0	0	0	0	0
ISP	CHL	52	0	0	0	0	0	4	48	0	0	8	52	52	96
MAL	ARG	173	0	0	1	0	0	10	162	0	0	6	172	168	73
	BOL	46	27	0	7	0	0	2	10	0	0	17	12	12	83
(no lab. name)	CAN	2	0	0	0	0	0	0	2	0	0	0	2	0	0
	CRI	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	ECU	12	11	0	0	0	0	0	1	0	0	0	1	1	100
	GTM	4	4	0	0	0	0	0	0	0	0	0	0	0	0
	HND	5	2	2	0	0	0	0	1	0	0	0	1	0	0
	HTI	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	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		1641	110	4	75	7	0	90	1358	0	0	7	1455	1427	79

... 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 2017/1 - 2017/52

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	4	3	0	2	0	0	0	0	0	0	0	4	4	75	75	100
INDRE	MEX	3	0	0	3	0	0	0	0	0	0	0	3	3	100	100	100
INS	COL	0	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		7	3	0	6	0	0	0	0	0	0	0	8	8	88	88	100