



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 7 October 2017

Table No.1
Expected and reported AFP cases, 2017

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2017/40
AND	BOL	3,488,083	35	13
	COL	11,622,602	116	107
	ECU	4,705,464	47	33
	PER	8,786,980	88	40
	VEN	8,765,312	88	59
BRA	BRA	47,426,629	474	252
CAP	CRI	1,065,783	11	24
	GTM	6,032,750	60	25
	HND	3,221,178	32	38
	NIC	1,814,682	18	13
	PAN	1,073,291	11	17
	SLV	1,625,466	16	36
CAR	CAR	1,758,319	18	6
LAC	CUB	1,830,247	18	10
	DOM	3,155,763	32	7
	HTI	3,616,958	36	6
MEX	MEX	34,977,953	350	434
NOA	CAN	5,797,902	58	6
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	129
	CHL	3,603,758	36	53
	PRY	2,077,285	21	22
	URY	731,231	7	1
Total		229,262,842	1682	1331

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

Country	Total 2016	Cumm. 2017	Week											
			1-32	33	34	35	36	37	38	39	40			
BOL	0	6	6	0	0	0	...	...	...	...	...	...
COL	0	8	2	0	0	0	2	1	3	...	...	...
ECU	0	14	7	0	2	0	0	2	1	2	0	0		
PER	0	17	10	1	0	2	3	0	1	0	0	0		
VEN	0	14	11	1	0	0	1	1	0	0	0	0		
BRA	0	86	76	6	3	1	0	...	...	...	...	...
CRI	0	3	1	0	0	2	0	0	0	0	0	0		
GTM	2	18	18	0	0	0	0	0	0	0	0	0		
HND	0	5	0	0	1	0	2	1	1	0	0	0		
NIC	0	8	3	1	1	0	2	0	1	0	0	0		
PAN	0	13	11	1	0	0	1	0	0	0	0	...		
SLV	3	22	17	3	1	0	0	0	1	0	0	...		
CAR	0	1	1	0	0	0	0	0	0	0	0	0		
CUB	0	11	11	0	0	0	0	0	0	0	0	...		
DOM	0	3	3	0	0	0	0	0	0	0	0	0		
HTI	1	2	2	0	0	0	0	0	0	0	0	0		
MEX	0	7	1	0	0	1	0	0	0	3	2	...		
CAN	0	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
ARG	0	0	0	0	0	0	0	0	0	0	0	0		
CHL	0	31	25	2	1	1	0	0	2	0	0	0		
PRY	0	13	9	0	0	1	1	0	2	0	0	0		
URY	0	1	1	...	...	...	...	...	...	...	...	...
Total	6	283	215	15	9	8	12	5	12	5	2	...		

*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 (2016/41 - 2017/40)					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	15	0.43	100	87	...	0	0	24	0.69	92	79	79
	COL	0	0	134	1.15	66	79	95	0	0	185	1.59	76	83	93
	ECU	0	0	37	0.79	97	84	...	0	0	29	0.62	100	83	...
	PER	0	0	52	0.59	71	69	73	0	0	56	0.64	80	75	70
	VEN	0	0	67	0.76	100	81	84	0	0	113	1.29	88	79	84
BRA	BRA	0	0	332	0.70	99	67	33	0	0	500	1.05	99	65	92
CAP	CRI	0	0	33	3.10	70	85	...	0	0	31	2.91	55	90	...
	GTM	0	0	32	0.53	...	56	80	0	0	30	0.51	...	71	77
	HND	0	0	51	1.58	35	92	90	0	0	65	2.02	49	83	90
	NIC	0	0	17	0.94	65	100	99	0	0	26	1.43	88	100	100
	PAN	0	0	22	2.05	59	86	83	0	0	17	1.58	76	88	80
	SLV	0	0	43	2.65	28	81	40	0	0	47	2.89	38	72	32
CAR	CAR	0	0	7	0.40	71	71	81	0	0	24	1.36	92	21	86
LAC	CUB	0	0	13	0.71	100	100	100	0	0	17	0.93	100	88	100
	DOM	0	0	9	0.29	...	78	...	0	0	33	1.05	6	82	...
	HTI	0	0	9	0.25	44	33	86	0	0	14	0.39	71	50	78
MEX	MEX	0	0	571	1.63	99	81	...	0	0	600	1.72	99	79	...
NOA	CAN	0	0	14	0.24	...	36	...	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	166	1.51	39	78	82	0	0	207	1.88	41	71	85
	CHL	0	0	67	1.86	66	67	...	0	0	75	2.08	80	71	...
	PRY	0	0	30	1.44	83	87	89	0	0	29	1.40	93	86	80
	URY	0	0	2	0.27	100	50	...	0	0	5	0.68	100	60	...
Total [§]		0	0	1723	1.02	79	77	-	0	0	2166	1.29	81	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 2016/41 - 2017/40

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	9	2	0	0	0	0	0	7	0	0	0	7	6	100	
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	49	3	0	2	0	0	5	39	0	0	11	44	44	95	
	HTI	8	1	0	0	0	0	0	7	0	0	0	7	3	100	
	JAM	4	0	0	0	0	0	0	4	0	0	0	4	4	100	
	NIC	21	3	0	4	0	0	1	13	0	0	7	14	14	100	
	PAN	22	13	0	0	0	0	1	8	0	0	11	9	9	89	
	TTO	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
CDC	GTM	30	14	0	1	0	0	0	15	0	0	0	15	14	0	
	PRY	29	12	0	0	0	0	1	16	0	0	6	17	17	47	
	SLV	43	0	0	22	0	0	0	21	0	0	0	21	21	0	
FIO	BRA	245	17	0	26	2	0	4	196	0	0	3	202	201	53	
	PER	39	5	0	0	0	0	0	34	0	0	0	34	17	35	
IEC	BRA	39	2	0	1	0	0	3	33	0	0	8	36	36	92	
INDRE	MEX	485	0	32	6	3	0	48	399	0	0	11	450	447	98	
INH	CRI	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
	VEN	63	12	0	4	0	0	0	47	0	0	0	47	47	83	
INS	COL	121	0	0	2	0	0	10	109	0	0	8	119	119	97	
	CRI	51	1	1	0	0	0	2	47	0	0	4	49	49	96	
	ECU	25	0	0	2	0	0	0	23	0	0	0	23	23	78	
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
IPK	CUB	14	14	0	0	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	50	0	0	0	0	0	4	46	0	0	8	50	50	94	
MAL	ARG	160	0	0	1	1	0	9	149	0	0	6	159	156	75	
	BOL	15	6	0	0	0	0	0	9	0	0	0	9	9	100	
	URY	1	0	0	0	0	0	0	1	0	0	0	1	1	0	
(no lab. name)	CAN	7	0	0	0	0	0	0	7	0	0	0	7	0	0	
	ECU	12	11	0	0	0	0	0	1	0	0	0	1	1	100	
	HND	2	2	0	0	0	0	0	0	0	0	0	0	0	0	
	PER	3	3	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	
Total		1553	122	34	71	6	0	88	1235	0	0	7	1329	1292	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 2016/41 - 2017/40

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	2	1	0	1	0	0	0	0	0	0	0	2	2	100	50	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
MAL	ARG	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
Total		6	1	0	6	0	0	0	0	0	0	0	7	7	100	86	100