



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 19 August 2017

Table No.1
Expected and reported AFP cases, 2017

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2017/33
AND	BOL	3,488,083	35	13
	COL	11,622,602	116	91
	ECU	4,705,464	47	26
	PER	8,786,980	88	33
	VEN	8,765,312	88	50
BRA	BRA	47,426,629	474	191
CAP	CRI	1,065,783	11	22
	GTM	6,032,750	60	24
	HND	3,221,178	32	32
	NIC	1,814,682	18	9
	PAN	1,073,291	11	13
	SLV	1,625,466	16	33
CAR	CAR	1,758,319	18	6
LAC	CUB	1,830,247	18	9
	DOM	3,155,763	32	7
	HTI	3,616,958	36	4
MEX	MEX	34,977,953	350	323
NOA	CAN	5,797,902	58	6
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	94
	CHL	3,603,758	36	44
	PRY	2,077,285	21	17
	URY	731,231	7	1
Total		229,262,842	1682	1048

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

Country	Total 2016	Cumm. 2017	Week										
			1-25	26	27	28	29	30	31	32	33		
BOL	0	6	5	0	0	0	1	0	...	...	...
COL	0	11	2	0	0	0	1	1	0	5	2		
ECU	0	7	5	1	0	1	0	0	0	0	...		
PER	0	16	8	2	2	1	2	1	0	0	0		
VEN	0	6	2	0	0	2	0	0	2	0	0		
BRA	1	61	60	0	0	1	0	...	...	...	...
CRI	0	8	4	2	0	2	0	0	0	0	0		
GTM	2	18	14	0	3	1	0	0	0	0	...		
HND	0	4	0	0	0	2	0	1	1	0	0		
NIC	0	4	2	0	0	0	0	0	2	0	0		
PAN	0	9	6	1	0	2	0	0	0	0	...		
SLV	4	20	7	2	1	0	5	1	1	1	2		
CAR	0	1	1	0	0	0	0	0	0	0	0		
CUB	0	10	8	0	0	2	0	0	0	0	0		
DOM	0	3	2	0	0	0	1	0	0	0	0		
HTI	0	0	0	0	0	0	0	0	0	0	0		
MEX	0	6	1	0	0	0	1	2	0	1	1		
CAN	0	0	0	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
ARG	0	1	0	0	0	0	0	1	0	0	0		
CHL	1	30	17	3	2	4	1	2	1	0	0		
PRY	0	8	3	2	1	1	0	0	0	1	0		
URY	0	1	0	0	0	0	1	0	0	...	...
Total	8	230	147	13	9	19	13	9	7	8	5		

*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 (2016/34 - 2017/33)					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	19	0.54	95	89	...	0	0	24	0.69	92	79	79
	COL	0	0	144	1.24	67	83	94	0	0	185	1.59	76	83	93
	ECU	0	0	37	0.79	97	81	...	0	0	29	0.62	100	83	...
	PER	0	0	53	0.60	75	70	73	0	0	56	0.64	80	75	70
	VEN	0	0	65	0.74	100	83	84	0	0	113	1.29	88	79	84
BRA	BRA	0	0	314	0.66	99	67	33	0	0	501	1.06	99	64	94
CAP	CRI	0	0	34	3.19	68	82	...	0	0	31	2.91	55	90	...
	GTM	0	0	34	0.56	...	59	80	0	0	30	0.51	...	71	77
	HND	0	0	51	1.58	43	92	90	0	0	65	2.02	49	83	90
	NIC	0	0	15	0.83	67	100	99	0	0	26	1.43	88	100	100
	PAN	0	0	19	1.77	58	95	72	0	0	17	1.58	76	88	80
	SLV	0	0	43	2.65	26	79	44	0	0	47	2.89	38	72	32
CAR	CAR	0	0	9	0.51	78	56	83	0	0	24	1.36	92	21	86
LAC	CUB	0	0	16	0.87	100	94	100	0	0	17	0.93	100	88	100
	DOM	0	0	12	0.38	0	75	...	0	0	33	1.05	6	82	...
	HTI	0	0	9	0.25	56	56	83	0	0	13	0.36	77	54	78
MEX	MEX	0	0	576	1.65	99	78	...	0	0	600	1.72	99	79	...
NOA	CAN	0	0	24	0.41	...	50	...	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	154	1.40	42	77	83	0	0	207	1.88	41	71	85
	CHL	0	0	72	2.00	65	72	...	0	0	75	2.08	80	71	...
	PRY	0	0	34	1.64	91	91	87	0	0	29	1.40	93	86	80
	URY	0	0	3	0.41	100	33	...	0	0	5	0.68	100	60	...
Total §		0	0	1737	1.03	80	76	-	0	0	2166	1.29	81	74	-

+ 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 2016/34 - 2017/33

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	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	DOM	12	2	0	0	0	0	1	9	0	0	10	10	9	100		
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	HND	48	0	0	2	0	0	6	40	0	0	13	46	46	96		
	HTI	9	0	0	0	0	0	0	9	0	0	0	9	6	100		
	JAM	4	0	0	0	0	0	0	4	0	0	0	4	4	100		
	NIC	19	2	0	4	0	0	2	11	0	0	15	13	13	100		
	PAN	19	9	0	0	0	0	1	9	0	0	10	10	10	90		
	TTO	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
CDC	GTM	31	14	0	1	0	0	0	16	0	0	0	16	16	6		
	PRY	34	8	0	0	0	0	1	25	0	0	4	26	26	65		
	SLV	40	0	2	14	0	0	0	24	0	0	0	24	24	0		
FIO	BRA	235	11	0	15	2	0	6	201	0	0	4	209	208	53		
	PER	37	3	0	0	0	0	0	34	0	0	0	34	17	29		
IEC	BRA	38	2	0	6	0	0	2	28	0	0	7	30	30	87		
INDRE	MEX	471	0	15	4	3	0	51	401	0	0	12	455	452	99		
INH	VEN	65	5	0	5	1	0	1	53	0	0	4	54	54	81		
INS	COL	132	1	4	1	0	0	11	115	0	0	9	126	126	97		
	CRI	50	5	0	11	0	0	2	32	0	0	6	34	34	97		
	ECU	31	0	0	2	0	0	0	29	0	0	0	29	29	83		
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	0		
IPK	CUB	16	16	0	0	0	0	0	0	0	0	0	0	0	0		
ISP	CHL	59	0	0	0	0	0	4	55	0	0	7	59	59	93		
MAL	ARG	150	0	0	1	1	0	10	138	0	0	7	149	146	78		
	BOL	19	6	0	0	0	0	0	13	0	0	0	13	13	100		
	URY	1	0	0	0	0	0	0	1	0	0	0	1	1	0		
(no lab. name)	CAN	14	0	0	0	0	0	0	14	0	0	0	14	0	0		
	ECU	6	5	0	0	0	0	0	1	0	0	0	1	1	100		
	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	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
Total		1555	100	21	66	7	0	98	1266	0	0	8	1370	1328	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 2016/34 - 2017/33

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
INH	VEN	1	0	0	1	0	0	0	0	0	0	0	1	1	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		7	1	0	7	0	0	0	0	0	0	0	8	8	100	88	100