



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 21 April 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/16
AND	BOL	3,488,083	35	15
	COL	11,622,602	116	28
	ECU	4,705,464	47	9
	PER	8,786,980	88	15
	VEN	8,765,312	88	8
BRA	BRA	47,426,629	474	40
CAP	CRI	1,065,783	11	4
	GTM	6,032,750	60	10
	HND	3,221,178	32	16
	NIC	1,814,682	18	6
	PAN	1,073,291	11	8
SLV	SLV	1,625,466	16	9
	CAR	CAR	1,758,319	18	1
LAC	CUB	1,830,247	18	10
	DOM	3,155,763	32	5
	HTI	3,616,958	36	2
MEX	MEX	34,977,953	350	164
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	27
	CHL	3,603,758	36	22
	PRY	2,077,285	21	7
	URY	731,231	7	0
Total		229,262,842	1682	406

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

Country	Total 2017	Cumm. 2018	Week												
			1-8	9	10	11	12	13	14	15	16				
BOL	19	15	8	4	0	2	1	0	0	0	0	0	0	...	
COL	1	21	9	4	2	2	1	3	0	0	0	0	0	0	
ECU	1	8	4	2	0	2	0	0	0	0	0	0	0	...	
PER	0	12	2	1	4	0	3	0	1	1	0	0	0	0	
VEN	1	6	5	0	1	0	0	0	0	0	0	0	0	0	
BRA	0	25	20	3	1	1	0	0	0	0	0	0	0	...	
CRI	0	5	1	0	0	1	1	0	2	0	0	0	0	0	
GTM	1	4	3	1	0	0	0	0	0	0	0	0	0	0	
HND	0	8	2	0	2	0	0	1	2	1	0	0	0	0	
NIC	0	3	0	0	1	0	0	0	0	2	0	0	0	0	
PAN	0	7	4	0	0	0	0	0	0	1	1	1	1	1	
SLV	2	9	6	0	2	0	0	0	0	0	0	0	0	1	
CAR	0	2	2	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	10	8	0	0	1	0	0	1	0	0	0	0	...	
DOM	11	5	2	0	1	0	0	0	1	1	0	0	0	0	
HTI	2	2	0	2	0	0	0	0	0	0	0	0	0	0	
MEX	5	12	0	0	3	1	1	2	0	1	4	1	4	1	
CAN	0	0	0	...	...	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	4	2	0	1	0	0	0	1	0	0	0	0	0	
CHL	0	20	10	3	1	1	1	2	1	0	1	0	1	0	
PRY	1	7	4	0	0	2	0	0	1	0	0	0	0	0	
URY	0	0	0	0	0	0	0	0	0	0	0	0	0	...	
Total	44	185	92	20	19	13	8	8	11	7	7	7	7	7	

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

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2018 and 2017

Sub Region	Country	Polio 2018		AFP Cases and indicators, last 52 weeks (2017/17 - 2018/16)					Polio 2017		AFP Cases and indicators, 2017 (2017/1 - 2017/52)				
		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	42	1.20	67	81	...	0	0	39	1.12	62	85	...
	COL	0	0	138	1.19	62	81	95	0	0	156	1.34	60	83	95
	ECU	0	0	29	0.62	100	79	...	0	0	38	0.81	97	84	...
	PER	0	0	48	0.55	83	79	48	0	0	52	0.59	73	69	52
	VEN	0	0	57	0.65	88	65	85	0	0	82	0.94	88	79	84
BRA	BRA	0	0	365	0.77	100	69	67	0	1	485	1.02	99	69	32
CAP	CRI	0	0	20	1.88	70	95	...	0	0	27	2.53	78	89	...
	GTM	0	0	49	0.81	...	76	89	0	0	46	0.76	...	72	83
	HND	0	0	49	1.52	39	94	90	0	0	48	1.49	46	92	90
	NIC	0	0	22	1.21	82	95	100	0	0	19	1.05	74	95	99
	PAN	0	0	24	2.24	58	88	85	0	0	22	2.05	50	95	84
SLV	0	0	44	2.71	34	89	32	0	0	42	2.58	33	90	34	
CAR	CAR	0	0	4	0.23	50	75	74	0	0	6	0.34	67	100	72
LAC	CUB	0	0	34	1.86	47	47	100	0	0	30	1.64	47	43	100
	DOM	0	0	16	0.51	...	81	...	0	0	15	0.48	...	80	...
	HTI	0	0	7	0.19	86	57	59	0	0	8	0.22	63	50	46
MEX	MEX	0	0	602	1.72	99	81	...	0	0	565	1.62	99	83	...
NOA	CAN	0	0	8	0.14	...	13	...	0	0	19	0.33	...	26	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	181	1.65	46	82	82	0	0	205	1.87	42	79	81
	CHL	0	0	70	1.94	80	61	...	0	0	69	1.91	90	71	...
	PRY	0	0	28	1.35	86	100	92	0	0	30	1.44	87	93	91
	URY	0	0	4	0.55	100	...	...	0	0	4	0.55	100	...	...
Total §		0	0	1841	1.09	79	77	-	0	1	2007	1.19	79	78	-

+ 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 2017/17 - 2018/16

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	DOM	15	14	0	0	0	0	0	1	0	0	0	1	0	0	
	GUY	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	47	0	0	0	0	0	2	43	0	0	4	45	45	100	
	HTI	7	2	0	1	0	0	0	4	0	0	0	4	3	67	
	JAM	2	0	0	0	0	0	0	2	0	0	0	2	2	100	
	NIC	29	2	0	0	0	0	7	19	1	0	27	27	27	93	
	PAN	26	9	0	0	0	0	3	14	0	0	18	17	17	94	
	SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
CDC	GTM	48	4	0	1	0	2	1	42	0	0	2	43	29	0	
	PRY	28	8	0	0	0	0	1	19	0	0	5	20	20	65	
	SLV	45	0	0	1	0	0	0	44	0	0	0	44	44	0	
FIO	BRA	263	9	0	16	4	0	4	230	0	0	3	238	237	51	
	PER	30	2	0	0	0	0	0	28	0	0	0	28	28	46	
IEC	BRA	56	4	0	0	0	0	3	49	0	0	6	52	51	82	
INDRE	MEX	520	0	15	7	1	0	40	458	0	0	8	499	499	98	
INH	VEN	52	7	0	2	1	0	9	33	0	0	23	43	43	79	
INS	COL	128	0	0	1	0	0	7	120	0	0	6	127	127	94	
	CRI	31	8	0	0	0	0	2	21	0	0	9	23	23	96	
	ECU	24	0	0	0	0	0	0	24	0	0	0	24	24	96	
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
IPK	CUB	17	9	0	8	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	53	0	0	0	0	0	4	49	0	0	8	53	53	94	
MAL	ARG	162	0	0	1	0	0	9	152	0	0	6	161	156	78	
	BOL	42	28	0	0	0	0	1	13	0	0	7	14	14	93	
(no lab. name)	CAN	1	0	0	0	0	0	0	1	0	0	0	1	0	0	
	CUB	2	0	1	1	0	0	0	0	0	0	0	0	0	0	
	DOM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	ECU	5	5	0	0	0	0	0	0	0	0	0	0	0	0	
	GTM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
	HND	6	4	0	1	0	0	0	1	0	0	0	1	0	0	
	PER	12	12	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		1657	131	16	40	6	2	93	1369	1	0	7	1469	1444	80	

... 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 2017/17 - 2018/16

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						
CDC	GTM	2	0	0	0	0	0	0	0	0	2	0	0	-	-	-	
FIO	BRA	4	2	0	3	0	0	0	0	0	0	4	4	50	50	75	
INDRE	MEX	1	1	0	1	0	0	0	0	0	0	1	1	100	100	100	
INH	VEN	1	0	0	1	0	0	0	0	0	0	1	1	100	100	100	
INS	COL	0	1	0	0	0	0	0	0	0	0	1	1	100	100	100	
Total		8	4	0	5	0	0	0	0	0	2	7	7	71	71	86	