



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 33, No. 31

Week ending 4 August 2018

Table No.1
Expected and reported AFP cases, 2018

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2018/31
AND	BOL	3,488,083	35	26
	COL	11,622,602	116	75
	ECU	4,705,464	47	10
	PER	8,786,980	88	48
	VEN	8,765,312	88	15
BRA	BRA	47,426,629	474	170
CAP	CRI	1,065,783	11	4
	GTM	6,032,750	60	29
	HND	3,221,178	32	26
	NIC	1,814,682	18	11
	PAN	1,073,291	11	10
	SLV	1,625,466	16	28
CAR	CAR	1,758,319	18	3
LAC	CUB	1,830,247	18	15
	DOM	3,155,763	32	5
	HTI	3,616,958	36	5
MEX	MEX	34,977,953	350	318
NOA	CAN	5,797,902	58	0
	USA	61,098,121	NR	NR
SOC	ARG	10,987,085	110	74
	CHL	3,603,758	36	32
	PRY	2,077,285	21	16
	URY	731,231	7	0
Total		229,262,842	1682	920

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

Country	Total 2017	Cumm. 2018	Week										
			1-23	24	25	26	27	28	29	30	31		
BOL	0	12	9	2	0	0	1	0	...	...	...
COL	0	29	20	4	3	0	2	0	0	0	0		
ECU	1	9	9	...	...	...	...	...	...	...	...
PER	0	19	11	4	1	3	0	0	0	0	0		
VEN	1	4	4	0	0	...	...	...	...	...	...
BRA	0	60	53	3	3	1	0	0	...	...	...
CRI	0	3	3	0	0	0	0	0	0	0	0		
GTM	0	8	1	2	1	0	1	1	0	2	0		
HND	0	9	2	0	3	2	2	0	0	0	0		
NIC	0	3	0	0	1	1	1	0	0	0	0		
PAN	0	5	5	0	0	0	0	0	0	0	0		
SLV	0	17	6	4	1	3	0	2	0	1	...		
CAR	0	3	1	1	1	0	0	0	0	0	0		
CUB	0	2	1	1	0	0	0	0	0	...	...
DOM	0	5	5	0	...	...	...	...	...	...	...
HTI	2	4	4	0	0	0	0	0	0	0	0		
MEX	0	18	6	2	3	3	2	2	0	0	0		
CAN	0	0	...	...	...	...	...	...	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
ARG	0	4	4	0	0	0	0	0	0	...	...
CHL	0	17	12	0	2	1	0	1	0	1	0		
PRY	0	10	5	0	2	0	0	0	2	0	1		
URY	0	0	0	...	...	...	...	...	...	...	...
Total	4	241	161	23	21	14	9	6	2	4	1		

*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 (2017/32 - 2018/31)					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	39	1.12	72	79	...	0	0	15	0.43	20	80	...
	COL	0	0	147	1.26	60	80	96	0	0	156	1.34	60	83	95
	ECU	0	0	22	0.47	100	77	0	0	0	38	0.81	97	84	...
	PER	0	0	67	0.76	91	84	14	0	0	52	0.59	73	71	52
	VEN	0	0	41	0.47	88	66	...	0	4	84	0.96	87	80	84
BRA	BRA	0	0	344	0.73	99	63	79	0	1	486	1.02	99	69	29
CAP	CRI	0	0	9	0.84	78	100	0	0	0	27	2.53	78	89	...
	GTM	0	0	43	0.71	7	70	92	0	0	44	0.73	...	73	83
	HND	0	0	42	1.30	57	93	90	0	0	48	1.49	48	92	90
	NIC	0	0	21	1.16	100	95	100	0	0	19	1.05	74	95	99
	PAN	0	0	18	1.68	72	83	87	0	0	22	2.05	50	95	84
	SLV	0	0	40	2.46	20	88	29	0	0	41	2.52	34	93	32
CAR	CAR	0	0	3	0.17	33	67	79	0	0	6	0.34	83	100	72
LAC	CUB	0	0	19	1.04	74	79	100	0	0	15	0.82	...	...	100
	DOM	0	0	13	0.41	...	92	...	0	0	15	0.48	...	87	...
	HTI	0	0	8	0.22	100	38	70	0	0	8	0.22	63	50	46
MEX	MEX	0	0	576	1.65	99	86	96	0	0	569	1.63	99	83	...
NOA	CAN	0	0	1	0.02	...	...	...	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	175	1.59	49	83	83	0	0	205	1.87	42	79	81
	CHL	0	0	56	1.55	84	57	77	0	0	69	1.91	97	71	74
	PRY	0	0	30	1.44	90	100	92	0	0	30	1.44	87	93	91
	URY	0	0	3	0.41	100	...	...	0	0	4	0.55	100	...	...
Total §		0	0	1717	1.06	82	79	-	0	5	1972	1.17	79	78	-

+ 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 2017/32 - 2018/31

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	ATG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	DOM	12	4	0	0	0	0	0	1	7	0	0	13	8	8	100
	GUY	2	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HND	18	0	0	0	0	0	0	0	16	0	0	0	16	16	100
	HTI	8	2	0	1	0	0	0	0	5	0	0	0	5	3	33
	NIC	24	0	0	0	0	0	0	4	20	0	0	17	24	24	92
	PAN	20	4	0	1	0	0	0	1	14	0	0	7	15	15	93
CDC	GTM	40	4	0	1	1	0	2	31	0	1	9	35	16	0	
	HND	18	0	0	0	0	0	0	17	0	0	0	17	14	100	
	PRY	30	10	0	0	0	0	2	18	0	0	10	20	20	65	
	SLV	40	0	0	11	0	0	0	29	0	0	0	29	29	0	
FIO	BRA	228	14	0	7	2	0	3	202	0	0	2	207	206	55	
	PER	42	6	0	1	0	0	2	33	0	0	6	35	35	34	
IEC	BRA	44	3	0	0	0	0	4	37	0	0	10	41	41	73	
INDRE	MEX	519	0	0	20	1	0	26	473	0	0	5	500	500	98	
INH	VEN	34	1	0	2	1	0	6	24	0	0	23	31	31	81	
INS	COL	142	0	0	5	0	0	5	132	0	0	4	137	137	93	
	CRI	12	7	0	0	0	0	0	5	0	0	0	5	5	100	
	ECU	17	0	0	0	0	0	0	17	0	0	0	17	17	100	
	VEN	1	0	0	0	0	0	0	1	0	0	0	1	1	100	
IPK	CUB	15	0	0	15	0	0	0	0	0	0	0	0	0	0	
ISP	CHL	41	0	0	0	0	0	3	38	0	0	7	41	41	93	
MAL	ARG	159	0	0	1	0	0	9	149	0	0	6	158	155	80	
	BOL	39	12	0	0	0	0	2	25	0	0	7	27	27	100	
(no lab. name)	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	
	HND	11	9	0	1	0	0	0	1	0	0	0	1	0	0	
	PER	18	18	0	0	0	0	0	0	0	0	0	0	0	0	
Total		1541	102	0	66	5	0	70	1295	0	1	5	1371	1342	82	

... 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 2017/32 - 2018/31

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	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
FIO	BRA	2	2	0	1	0	0	0	0	0	0	0	2	2	100	100	100
INDRE	MEX	1	1	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INH	VEN	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
INS	COL	0	1	0	0	0	0	0	0	0	0	0	1	1	100	100	100
Total		5	4	0	4	0	0	0	0	0	0	0	6	6	100	100	100