



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 31, No. 18

Week ending 7 May 2016

Table No.1
Expected and reported AFP cases, 2016

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2016/18
AND	BOL	3,830,147	38	5
	COL	12,900,000	129	73
	ECU	4,982,359	50	7
	PER	9,308,490	93	20
	VEN	8,569,000	86	25
BRA	BRA	47,062,224	471	53
CAP	CRI	1,121,000	11	8
	GTM	4,229,000	42	8
	HND	3,155,746	32	16
	NIC	2,019,000	20	9
	PAN	1,087,657	11	3
	SLV	1,827,000	18	4
CAR	CAR	2,019,000	20	5
LAC	CUB	1,929,000	19	1
	DOM	3,023,000	30	0
	HTI	3,919,255	39	1
MEX	MEX	34,583,967	346	146
NOA	CAN	5,645,000	56	1
	USA	60,921,000	NR	NR
SOC	ARG	10,165,000	102	49
	CHL	3,863,000	39	23
	PRY	2,181,224	22	3
	URY	772,000	8	0
Total		229,113,069	1682	460

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

Country	Total 2015	Cumm. 2016	Week										
			1-10	11	12	13	14	15	16	17	18		
BOL	9	5	5	0	0	0	0	0	0	0	...	...
COL	1	11	1	0	0	1	1	5	3	0	0	0	
ECU	1	6	3	1	0	0	2	0	0	0	0	0	
PER	1	11	3	0	0	1	0	4	2	1	0	0	
VEN	0	5	3	0	0	1	0	1	0	0	0	0	
BRA	1	29	23	3	1	1	1	0	0	...	...	...
CRI	0	6	2	2	1	0	1	0	0	0	0	...	
GTM	16	8	8	0	0	0	0	0	0	0	0	0	
HND	0	5	0	0	1	2	1	0	0	0	0	1	
NIC	2	9	6	0	0	2	1	0	...	...	...	...
PAN	5	3	2	0	0	0	0	1	0	0	0	0	
SLV	8	4	4	0	0	0	0	0	0	0	0	...	
CAR	1	7	5	0	0	0	0	2	0	0	0	0	
CUB	1	1	0	1	...	...	...	...	...	...	...	...
DOM	8	0	0	0	0	0	0	...	...	...	...	...
HTI	0	0	0	0	0	0	0	0	0	0	0	0	
MEX	0	23	1	1	0	0	0	5	4	9	3	3	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	1	10	4	0	0	0	0	0	3	2	1	1	
CHL	20	18	11	2	1	2	0	2	0	...	...	...
PRY	1	3	3	0	0	0	0	0	0	0	0	0	
URY	2	0	0	0	0	0	0	0	0	0	...	...
Total	78	164	84	10	4	10	7	20	12	12	5	5	

*As reported by countries

NR - No reporting

... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2016 and 2015

Sub Region	Country	Polio 2016		AFP Cases and indicators, last 52 weeks (2015/19 - 2016/18)					Polio 2015		AFP Cases and indicators, 2015 (2015/1 - 2015/52)				
		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	33	0.86	91	85	83	0	0	35	0.91	89	94	83
	COL	0	0	165	1.28	72	81	93	0	0	148	1.15	70	77	92
	ECU	0	0	22	0.44	64	91	...	0	0	24	0.48	54	96	...
	PER	0	0	69	0.74	68	65	...	0	0	75	0.81	75	68	...
	VEN	0	0	83	0.97	87	77	60	0	0	90	1.05	82	74	27
BRA	BRA	0	0	369	0.78	97	66	...	0	0	486	1.03	97	71	...
CAP	CRI	0	0	21	1.87	62	95	...	0	0	22	1.96	36	95	...
	GTM	0	0	25	0.59	...	64	80	0	0	25	0.59	...	60	80
	HND	0	0	50	1.58	36	82	90	0	0	63	2.00	32	83	89
	NIC	0	0	23	1.14	87	96	98	0	0	20	0.99	90	95	100
	PAN	0	0	13	1.20	85	85	86	0	0	14	1.29	79	86	84
	SLV	0	0	25	1.37	44	88	54	0	0	28	1.53	32	96	50
CAR	CAR	0	0	9	0.45	67	33	87	0	0	9	0.45	56	33	85
LAC	CUB	0	0	5	0.26	100	100	100	0	0	8	0.41	100	88	100
	DOM	0	0	10	0.33	20	70	...	0	0	14	0.46	14	79	...
	HTI	0	0	6	0.15	50	50	64	0	0	12	0.31	75	67	55
MEX	MEX	0	0	513	1.48	100	75	...	0	0	534	1.54	99	81	...
NOA	CAN	0	0	17	0.30	...	18	...	0	0	23	0.37	...	14	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	173	1.70	58	76	85	0	0	215	2.12	64	82	88
	CHL	0	0	66	1.71	82	59	...	0	0	69	1.79	77	58	...
	PRY	0	0	18	0.83	94	94	86	0	0	26	1.19	85	77	84
	URY	0	0	3	0.39	100	33	...	0	0	4	0.52	100	50	...
Total §		0	0	1718	1.03	83	73	-	0	0	1944	1.16	82	76	-

+ Taken within 14 days of onset of paralysis

... - No data

CAR includes reports from all CAREC 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 2015/19 - 2016/18

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	3	0	0	1	0	0	0	2	0	0	0	2	0	100
	DMA	1	0	0	1	0	0	0	0	0	0	0	0	0	0
	DOM	5	4	0	0	0	0	0	1	0	0	0	1	1	100
	GRD	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	HND	49	4	0	2	0	0	5	38	0	0	12	43	43	53
	HTI	6	1	0	0	0	0	0	5	0	0	0	5	4	75
	JAM	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	NIC	24	11	0	0	0	0	1	12	0	0	8	13	13	23
	PAN	13	4	0	0	0	0	0	1	8	0	11	9	9	100
CDC	GTM	24	8	0	9	0	0	0	7	0	0	7	0	0	
	PRY	17	4	0	0	0	0	0	13	0	0	13	13	100	
	SLV	26	0	0	2	0	0	0	24	0	0	24	24	0	
FIO	BRA	262	15	0	8	2	2	11	224	0	0	5	237	228	61
	PER	45	2	0	1	0	0	1	41	0	0	2	42	33	64
IEC	BRA	48	3	0	2	1	0	1	41	0	0	5	43	39	54
INDRE	MEX	434	5	7	19	4	0	49	354	0	0	13	407	407	99
INH	CRI	1	0	0	0	0	0	0	1	0	0	0	1	1	100
	VEN	3	0	0	1	1	0	0	1	0	0	50	2	2	50
INS	COL	160	0	3	5	0	0	3	149	0	0	2	152	152	84
	CRI	32	0	0	2	0	0	3	24	1	0	11	28	28	79
	ECU	19	2	0	4	0	0	1	12	0	0	8	13	13	100
IPK	CUB	5	2	0	0	0	0	0	3	0	0	3	3	100	
ISP	CHL	46	0	0	0	1	0	2	43	0	0	7	46	46	91
MAL	ARG	169	0	0	19	16	0	12	122	0	0	19	150	150	86
	BOL	33	14	0	0	0	0	2	17	0	0	11	19	19	100
	URY	1	0	0	0	0	0	0	1	0	0	0	1	1	100
(no lab. name)	BRA	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	CAN	5	0	0	0	0	0	0	5	0	0	0	5	0	0
	DOM	4	4	0	0	0	0	0	0	0	0	0	0	0	0
	ECU	2	0	0	0	0	0	0	2	0	0	0	2	1	0
	NIC	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	PER	9	5	0	3	0	0	0	1	0	0	0	1	1	100
VEN	72	3	0	1	0	0	5	63	0	0	7	68	68	68	
Total		1523	94	10	80	25	2	97	1216	1	0	9	1339	1303	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 2015/19 - 2016/18

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	2	2	3	3	0	0	0	0	0	0	0	5	5	80	80	100
IEC	BRA	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
INDRE	MEX	4	2	2	2	0	0	0	0	0	0	0	4	4	100	100	100
INH	VEN	1	0	0	1	0	0	0	0	0	0	0	1	1	100	100	100
ISP	CHL	1	0	0	0	0	0	0	0	0	0	1	0	0	-	-	-
MAL	ARG	16	5	12	8	0	0	0	0	0	0	0	16	16	100	100	100
Total		25	9	17	14	0	0	0	0	0	0	2	26	26	96	96	100