



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 23 April 2016

Table No.1
Expected and reported AFP cases, 2016

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2016/16
AND	BOL	3,830,147	38	5
	COL	12,900,000	129	66
	ECU	4,982,359	50	5
	PER	9,308,490	93	17
	VEN	8,569,000	86	19
BRA	BRA	47,062,224	471	53
CAP	CRI	1,121,000	11	7
	GTM	4,229,000	42	8
	HND	3,155,746	32	15
	NIC	2,019,000	20	9
	PAN	1,087,657	11	2
	SLV	1,827,000	18	4
CAR	CAR	2,019,000	20	4
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	125
NOA	CAN	5,645,000	56	0
	USA	60,921,000	NR	NR
SOC	ARG	10,165,000	102	40
	CHL	3,863,000	39	23
	PRY	2,181,224	22	3
	URY	772,000	8	0
Total		229,113,069	1682	407

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

Country	Total 2015	Cumm. 2016	Week												
			1-8	9	10	11	12	13	14	15	16				
BOL	9	5	4	0	1	0	0	0	0	0	0	0	0	0	
COL	1	11	1	1	0	2	0	2	1	3	1	...	...	...
ECU	1	4	3	0	0	1	0	0	0	...	...	...	...	...
PER	1	12	4	0	3	0	0	1	0	3	1	...	...	...
VEN	1	19	19	0	0	0	0	0	0	...	...	...	...	...
BRA	1	29	17	3	3	3	1	1	1	0	0	...	...	...
CRI	0	7	2	1	1	2	1	0	0	0	0	...	...	...
GTM	16	8	7	1	0	0	0	0	0	0	0	...	...	...
HND	7	15	8	0	1	1	2	2	1	0	0	...	...	...
NIC	2	9	5	0	1	0	0	2	1	0	...	...	...	...
PAN	7	2	1	1	0	0	0	0	0	0	0	...	...	...
SLV	8	4	3	0	1	0	0	0	0	0	0	...	...	...
CAR	2	7	4	2	0	0	0	0	0	0	1	0	0	0	
CUB	1	1	0	0	0	1	...	...	...	...	...	...	...	...
DOM	8	0	0	0	0	0	0	0	0	0	...	...	...	...
HTI	6	1	1	0	0	0	0	0	0	0	...	...	...	...
MEX	0	7	0	0	1	0	0	0	1	5	0	...	...	...
CAN	0	0	0	0	0	0	0	0	0	0	0	...	...	...
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	...	...	...
ARG	2	10	4	0	2	0	0	1	1	1	1	...	...	...
CHL	20	18	7	2	2	2	1	2	0	2	0	...	...	...
PRY	1	3	1	0	2	0	0	0	0	0	0	...	...	...
URY	2	0	0	0	0	0	0	0	0	0	0	...	...	...
Total	96	172	91	11	18	12	5	11	6	15	3	...	...	...

*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 (2015/17 - 2016/16)					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	34	0.89	91	85	83	0	0	35	0.91	89	94	83
	COL	0	0	160	1.24	73	81	93	0	0	148	1.15	70	77	92
	ECU	0	0	23	0.46	65	91	...	0	0	24	0.48	54	96	...
	PER	0	0	67	0.72	70	66	...	0	0	75	0.81	75	68	...
	VEN	0	0	83	0.97	86	76	60	0	0	90	1.05	82	74	27
BRA	BRA	0	0	387	0.82	97	67	...	0	0	486	1.03	97	71	...
CAP	CRI	0	0	21	1.87	57	90	...	0	0	22	1.96	36	95	...
	GTM	0	0	26	0.61	...	65	80	0	0	25	0.59	...	60	80
	HND	0	0	51	1.62	31	80	90	0	0	63	2.00	32	83	89
	NIC	0	0	24	1.19	88	96	98	0	0	20	0.99	90	95	100
	PAN	0	0	12	1.10	75	83	87	0	0	14	1.29	79	86	84
	SLV	0	0	26	1.42	42	88	56	0	0	28	1.53	32	96	50
CAR	CAR	0	0	8	0.40	63	38	86	0	0	9	0.45	56	33	85
LAC	CUB	0	0	6	0.31	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	63	0	0	12	0.31	75	67	55
MEX	MEX	0	0	514	1.49	100	78	...	0	0	534	1.54	99	81	...
NOA	CAN	0	0	14	0.25	...	14	...	0	0	21	0.37	...	14	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	170	1.67	61	75	85	0	0	216	2.12	64	82	88
	CHL	0	0	67	1.73	82	60	...	0	0	69	1.79	77	58	...
	PRY	0	0	19	0.87	95	95	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	1731	1.03	83	74	-	0	0	1943	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 2015/17 - 2016/16

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	3	0	0	1	0	0	0	2	0	0	0	2	2	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	47	18	0	2	0	0	2	25	0	0	7	27	27	89		
	HTI	6	3	0	0	0	0	0	3	0	0	0	3	1	100		
	JAM	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	NIC	25	11	0	0	0	0	1	13	0	0	7	14	14	29		
	PAN	12	3	0	0	0	0	0	1	8	0	11	9	9	100		
CDC	GTM	25	8	0	9	0	0	0	8	0	0	8	1	0			
	PRY	18	4	0	0	0	0	0	14	0	0	14	14	100			
	SLV	27	0	0	2	0	0	0	25	0	0	25	25	0			
FIO	BRA	278	15	0	9	2	2	11	239	0	0	5	252	243	60		
	PER	41	2	0	1	0	0	1	37	0	0	3	38	29	69		
IEC	BRA	50	3	0	2	1	0	1	43	0	0	4	45	41	56		
INDRE	MEX	439	5	0	36	3	0	44	354	0	0	12	401	401	99		
INH	CRI	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	VEN	3	1	0	1	1	0	0	0	0	100	1	1	100			
INS	COL	156	0	5	4	0	0	3	144	0	0	2	147	147	84		
	CRI	26	0	0	2	0	0	4	17	1	0	19	22	21	71		
	ECU	20	2	0	2	0	0	1	15	0	0	6	16	16	100		
IPK	CUB	6	2	0	0	0	0	0	4	0	0	4	4	100			
ISP	CHL	47	0	0	0	1	0	2	44	0	0	6	47	47	91		
MAL	ARG	165	0	0	19	16	0	10	120	0	0	18	146	146	86		
	BOL	34	14	0	0	0	0	2	18	0	0	10	20	20	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	3	0	0	0	0	0	0	3	0	0	0	3	0	0		
	CRI	4	4	0	0	0	0	0	0	0	0	0	0	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	4	4	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	12	8	0	3	0	0	0	1	0	0	0	1	1	100		
	VEN	73	19	0	0	0	0	0	5	49	0	9	54	54	65		
Total		1542	136	5	94	24	2	88	1193	1	0	9	1306	1270	81		

... 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 2015/17 - 2016/16

Lab.	Country	Number of poliovirus isolated	Poliovirus Intratypic Differentiation Results									Pending ITD results	Number of specimens with ITD results	ITD Indicators			
			Sabin			VDPV			Wild					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	-	-	-	
INDRE	MEX	3	2	2	1	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
ISP	CHL	1	0	0	0	0	0	0	0	0	0	1	0	-	-	-	
MAL	ARG	16	5	12	8	0	0	0	0	0	0	0	16	16	100	100	100
Total		24	9	17	13	0	0	0	0	0	0	2	25	25	96	96	100