



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 20 August 2016

Table No.1
Expected and reported AFP cases, 2016

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2016/33
AND	BOL	3,830,147	38	15
	COL	12,900,000	129	130
	ECU	4,982,359	50	17
	PER	9,308,490	93	31
	VEN	8,569,000	86	85
BRA	BRA	47,062,224	471	186
CAP	CRI	1,121,000	11	13
	GTM	4,229,000	42	20
	HND	3,155,746	32	44
	NIC	2,019,000	20	19
	PAN	1,087,657	11	7
	SLV	1,827,000	18	31
CAR	CAR	2,019,000	20	21
LAC	CUB	1,929,000	19	1
	DOM	3,023,000	30	0
	HTI	3,919,255	39	5
MEX	MEX	34,583,967	346	319
NOA	CAN	5,645,000	56	7
	USA	60,921,000	NR	NR
SOC	ARG	10,165,000	102	127
	CHL	3,863,000	39	41
	PRY	2,181,224	22	12
	URY	772,000	8	3
Total		229,113,069	1682	1134

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

Country	Total 2015	Cumm. 2016	Week										
			1-25	26	27	28	29	30	31	32	33		
BOL	3	13	12	0	1	0	0	0	0	0	0	0	0
COL	0	10	1	1	0	0	2	3	0	3	0	3	0
ECU	0	2	1	0	0	0	0	0	0	1	0	...	...
PER	0	11	7	2	0	0	0	0	1	1	0	0	0
VEN	0	18	18	0	0	0	0	0	0	0	0	0	...
BRA	0	68	63	4	1	0	0	0	0	0	0	0	...
CRI	0	5	2	1	1	1	0	0	0	0	0	0	...
GTM	0	12	9	0	0	2	0	1	0	0	0	0	0
HND	0	23	7	2	4	2	3	2	1	2	0	0	0
NIC	0	10	5	1	0	0	1	2	0	1	...	...	...
PAN	5	7	7	0	0	0	0	0	0	0	0	0	0
SLV	5	22	11	1	2	1	0	4	1	2	0	0	0
CAR	0	75	46	5	5	4	7	2	6	0	0	0	0
CUB	1	1	1	0	0	0	0	0	0	0	0	0	0
DOM	0	0	0	...	...	...	...	...	...	...	...	...	...
HTI	0	3	3	0	0	0	0	0	0	0	0	0	0
MEX	0	37	9	3	3	3	7	1	7	2	2	2	2
CAN	0	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	NR
ARG	1	16	9	1	0	0	0	0	3	1	2	0	0
CHL	1	26	19	1	1	1	1	0	0	3	0	0	0
PRY	0	8	4	0	1	0	0	0	2	1	0	0	0
URY	0	1	0	0	0	1	0	0	0	0	0	0	...
Total	16	368	234	22	19	15	21	16	22	15	4	4	4

*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 (2015/34 - 2016/33)					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	28	0.80	89	82	82	0	0	36	1.03	86	92	83
	COL	0	0	181	1.55	77	81	93	0	0	147	1.25	71	78	92
	ECU	0	0	22	0.47	86	86	...	0	0	24	0.51	54	96	0
	PER	0	0	60	0.68	57	73	0	0	0	75	0.86	75	68	0
	VEN	0	0	108	1.23	82	81	60	0	0	90	1.03	82	76	27
BRA	BRA	0	0	350	0.73	99	64	86	0	0	485	1.01	97	71	...
CAP	CRI	0	0	20	1.86	55	95	...	0	0	22	2.05	36	95	...
	GTM	0	0	32	0.53	...	69	78	0	0	25	0.42	...	60	80
	HND	0	0	56	2.18	39	82	90	0	0	63	2.46	32	83	89
	NIC	0	0	30	1.64	87	100	100	0	0	20	1.09	90	95	100
	PAN	0	0	12	1.12	83	83	82	0	0	14	1.31	86	86	84
	SLV	0	0	41	2.48	34	59	49	0	0	31	1.87	29	90	39
CAR	CAR	0	0	23	1.31	91	22	88	0	0	9	0.51	56	33	85
LAC	CUB	0	0	5	0.27	100	100	100	0	0	8	0.43	100	88	100
	DOM	0	0	8	0.25	25	100	...	0	0	14	0.44	14	93	...
	HTI	0	0	8	0.22	75	63	70	0	0	12	0.33	75	67	55
MEX	MEX	0	0	490	1.40	99	76	...	0	0	534	1.52	99	81	...
NOA	CAN	0	0	16	0.28	...	13	...	0	0	23	0.40	...	17	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	197	1.79	48	73	85	0	0	215	1.97	64	82	88
	CHL	0	0	69	1.91	87	61	...	0	0	70	1.94	89	59	...
	PRY	0	0	20	1.00	80	85	87	0	0	26	1.30	85	77	84
	URY	0	0	5	0.68	100	60	...	0	0	36	1.03	86	92	83
Total §		0	0	1781	1.06	80	73	-	0	0	1979	1.18	82	77	-

+ 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 2015/34 - 2016/33

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	4	0	0	2	0	0	0	2	0	0	0	2	2	100		
	DMA	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	DOM	8	0	0	0	0	0	0	8	0	0	0	8	8	100		
	GRD	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	HND	48	15	0	0	0	0	5	28	0	0	15	33	33	45		
	HTI	8	3	0	0	0	0	0	5	0	0	0	5	4	50		
	JAM	4	1	0	0	0	0	0	3	0	0	0	3	3	100		
	NIC	29	8	0	0	0	0	1	20	0	0	5	21	21	48		
	PAN	13	6	0	0	0	0	0	7	0	0	0	7	7	100		
	SUR	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
CDC	GTM	31	12	0	0	0	0	2	17	0	0	11	19	12	17		
	NIC	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
	PRY	17	6	0	0	0	0	0	11	0	0	0	11	11	100		
	SLV	28	0	0	5	0	0	0	23	0	0	0	23	23	0		
FIO	BRA	252	13	0	9	2	1	8	219	0	0	4	229	225	72		
	PER	44	3	0	4	0	0	0	37	0	0	0	37	36	56		
IEC	BRA	33	4	0	0	2	0	0	27	0	0	7	29	26	65		
	CRI	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
INDRE	MEX	414	3	15	9	5	0	36	350	0	0	10	391	390	99		
INH	VEN	52	1	0	47	1	0	0	3	0	0	25	4	4	50		
INS	COL	172	0	5	0	0	0	11	155	1	0	7	167	167	92		
	CRI	27	3	0	0	0	0	0	24	0	0	0	24	24	92		
	ECU	22	1	1	1	0	0	0	19	0	0	0	19	19	16		
INS	PER	1	0	0	1	0	0	0	0	0	0	0	0	0	0		
IPK	CUB	5	2	0	0	0	0	0	3	0	0	0	3	3	100		
ISP	CHL	50	0	0	0	1	0	5	44	0	0	12	50	50	88		
MAL	ARG	183	0	0	16	12	0	20	135	0	0	19	167	164	74		
	BOL	28	13	0	3	0	0	1	11	0	0	8	12	12	100		
	URY	3	1	0	0	0	0	1	1	0	0	50	2	2	0		
(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		
	ECU	1	0	0	0	0	0	0	1	0	0	0	1	0	0		
	HND	8	8	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	5	4	0	0	0	0	0	1	0	0	0	1	1	100		
	PRY	2	2	0	0	0	0	0	0	0	0	0	0	0	0		
VEN	50	11	0	3	0	0	0	2	34	0	0	6	36	36	72		
Total		1551	123	21	100	23	1	92	1194	1	0	9	1310	1286	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 2015/34 - 2016/33

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	5	2	2	4	0	0	0	0	0	0	0	5	5	60	80	100
INDRE	MEX	5	2	2	2	0	0	0	0	0	0	1	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	12	2	6	9	0	0	0	0	0	0	0	12	12	100	100	100
	BOL	0	3	0	0	0	0	0	0	0	0	0	3	3	100	0	0
Total		24	9	10	16	0	0	0	0	0	0	2	25	25	92	84	88