



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 28 November 2015

Table No.1
Expected and reported AFP cases, 2015

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2015/47
AND	BOL	3,830,147	38	28
	COL	12,900,000	129	113
	ECU	4,982,359	50	22
	PER	9,308,490	93	55
	VEN	8,569,000	86	82
BRA	BRA	47,062,224	471	299
CAP	CRI	1,121,000	11	21
	GTM	4,229,000	42	15
	HND	3,155,746	32	58
	NIC	2,019,000	20	16
	PAN	1,087,657	11	12
	SLV	1,827,000	18	10
CAR	CAR	2,019,000	20	8
LAC	CUB	1,929,000	19	5
	DOM	3,023,000	30	6
	HTI	3,919,255	39	11
MEX	MEX	34,583,967	346	492
NOA	CAN	5,645,000	56	12
	USA	60,921,000	NR	NR
SOC	ARG	10,165,000	102	179
	CHL	3,863,000	39	57
	PRY	2,181,224	22	25
	URY	772,000	8	4
Total		229,113,069	1682	1530

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

Country	Total 2014	Cumm. 2015	Week												
			1-39	40	41	42	43	44	45	46	47				
BOL	0	10	6	0	0	0	0	1	1	2	0	0	0	0	
COL	0	16	10	3	1	1	1	0	0	0	0	0	0	0	
ECU	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
PER	0	9	7	1	0	0	1	0	0	0	0	0	0	0	
VEN	0	12	6	0	1	0	1	1	1	1	2	0	0	0	
BRA	0	94	91	1	1	0	1	0	0	0	0	0	0	0	
CRI	0	4	1	0	1	0	0	1	1	0	0	0	0	0	
GTM	0	6	6	0	0	0	0	0	0	0	0	0	0	0	
HND	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
NIC	0	8	2	0	0	1	0	0	0	2	2	1	0	0	
PAN	0	9	8	0	0	0	1	0	0	0	0	0	0	0	
SLV	0	7	7	0	0	0	0	0	0	0	0	0	0	0	
CAR	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
CUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HTI	0	5	5	0	0	0	0	0	0	0	0	0	0	0	
MEX	0	9	1	0	0	1	0	1	4	2	0	0	0	0	
CAN	0	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	NR	
ARG	0	6	0	1	0	0	0	2	2	1	0	0	0	0	
CHL	0	32	27	2	1	0	0	0	0	2	0	0	0	0	
PRY	0	15	14	0	1	0	0	0	0	0	0	0	0	0	
URY	0	2	1	0	0	1	0	0	0	0	0	0	0	0	
Total	0	248	194	8	6	4	5	6	11	11	3				

*As reported by countries

NR - No reporting

... - No data

Table No.3
Confirmed and compatible polio cases, and AFP surveillance indicators, 2015 and 2014

Sub Region	Country	Polio 2015		AFP Cases and indicators, last 52 weeks (2014/49 - 2015/47)					Polio 2014		AFP Cases and indicators, 2014 (2014/1 - 2014/53)				
		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	29	0.76	86	83	29	0	0	41	1.07	95	79	83
	COL	0	0	130	1.01	56	92	130	0	0	166	1.29	25	81	92
	ECU	0	0	25	0.50	52	...	25	0	0	22	0.44	...	68	...
	PER	0	0	59	0.63	83	...	59	0	0	58	0.62	57	62	88
	VEN	0	0	84	0.98	82	8	84	0	0	64	0.75	97	88	...
BRA	BRA	0	0	319	0.68	96	...	319	0	0	444	0.94	95	69	80
CAP	CRI	0	0	21	1.87	38	...	21	0	0	18	1.61	56	94	...
	GTM	0	0	16	0.38	...	80	16	0	0	31	0.73	6	61	60
	HND	0	0	69	2.19	23	89	69	0	0	60	1.90	28	90	90
	NIC	0	0	16	0.79	88	100	16	0	0	28	1.39	82	100	100
	PAN	0	0	13	1.20	38	84	13	0	0	14	1.29	64	71	75
	SLV	0	0	11	0.60	36	55	11	0	0	50	2.74	58	84	50
CAR	CAR	0	0	8	0.40	50	84	8	0	0	10	0.50	60	60	72
LAC	CUB	0	0	5	0.26	100	100	5	0	0	10	0.52	100	80	100
	DOM	0	0	7	0.23	7	0	0	23	0.76	9	78	49
	HTI	0	0	14	0.36	71	92	14	0	0	22	0.54	71	52	67
MEX	MEX	0	0	543	1.57	99	...	543	0	0	599	1.73	99	80	...
NOA	CAN	0	0	14	0.25	14	0	0	28	0.50	...	7	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	NR	NR	NR	NR	NR
SOC	ARG	0	0	189	1.86	59	81	87	0	0	213	2.10	53	83	87
	CHL	0	0	61	1.58	46	59	100	0	0	71	1.84	58	83	99
	PRY	0	0	26	1.19	81	73	86	0	0	16	0.73	50	63	81
	URY	0	0	4	0.52	100	50	...	0	0	3	0.39	67	100	...
Total[§]		0		1663	0.99	78	75	-	0	0	1991	1.18	74	76	-

+ Taken within 14 days of onset of paralysis
§ Excluding USA

... - No data
NR - No reporting

CAR includes reports from all CAREC 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 2014/49 - 2015/47

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	Inade-quate						
CAR	BLZ	1	0	0	0	0	0	0	1	0	0	0	1	6	6	100	
	DOM	7	1	0	0	0	0	1	5	0	0	17	6	6	100		
	GUY	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	HND	67	0	0	2	0	0	11	54	0	0	17	65	65	69		
	HTI	14	7	0	1	0	0	0	6	0	0	0	6	5	100		
	JAM	2	0	0	0	0	0	0	2	0	0	0	2	2	50		
	NIC	12	3	0	0	0	0	0	9	0	0	0	9	9	78		
	PAN	13	2	0	0	0	0	0	2	9	0	0	18	11	11	64	
TTO	2	0	0	0	0	0	0	2	0	0	0	2	1	100			
CDC	GTM	17	6	0	1	0	0	0	10	0	0	0	10	2	50		
	PRY	22	12	0	0	0	0	2	8	0	0	20	10	10	90		
	SLV	15	0	0	0	0	0	0	15	0	0	0	15	15	0		
FIO	BRA	236	25	0	15	3	0	11	182	0	0	7	196	194	66		
	PER	36	2	0	0	0	0	1	33	0	0	3	34	25	24		
IEC	BRA	38	0	0	2	0	0	1	35	0	0	3	36	34	82		
INDRE	MEX	463	0	2	29	5	0	47	380	0	0	12	432	432	99		
INH	CRI	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
INS	COL	127	0	0	3	0	0	7	116	1	0	6	124	124	85		
	CRI	37	0	2	2	0	0	7	25	1	0	22	33	32	50		
	ECU	22	0	0	0	0	0	3	19	0	0	14	22	20	100		
IPK	CUB	4	0	0	0	0	0	0	4	0	0	0	4	4	100		
ISP	CHL	50	0	0	1	1	0	0	48	0	0	2	49	49	90		
MAL	ARG	191	0	0	18	16	0	10	147	0	0	15	173	173	92		
	BOL	29	10	0	0	0	0	4	15	0	0	21	19	19	100		
	URY	2	0	0	0	0	0	0	2	0	0	0	2	2	50		
(no lab. name)	CAN	3	0	0	0	0	0	0	3	0	0	0	3	0	0		
	CRI	2	1	0	0	0	0	0	1	0	0	0	1	0	0		
	ECU	2	2	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	3	3	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	14	9	0	3	0	0	0	2	0	0	0	2	2	50		
VEN	77	10	0	2	0	0	4	61	0	0	6	65	56	64			
Total		1510	93	4	79	25	0	111	1196	2	0	10	1334	1295	84		

... 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 2014/49 - 2015/47

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	3	1	2	1	0	0	0	0	0	0	0	4	4	75	75	100
INDRE	MEX	5	3	1	4	0	0	0	0	0	0	0	5	5	100	100	100
INS	COL	0	1	0	0	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	10	12	5	0	0	0	0	0	0	0	16	16	94	100	100
Total		25	15	15	10	0	0	0	0	0	0	1	26	26	92	96	100