



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 27 December 2014

Table No.1
Expected and reported AFP cases, 2014

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2014/52
AND	BOL	3,830,147	38	40
	COL	12,900,000	129	150
	ECU	4,982,359	50	19
	PER	9,308,490	93	49
	VEN	8,569,000	86	39
BRA	BRA	47,062,224	471	206
CAP	CRI	1,121,000	11	16
	GTM	4,229,000	42	30
	HND	3,155,746	32	51
	NIC	2,019,000	20	28
	PAN	1,087,657	11	13
SLV	1,827,000	18	39	
CAR	CAR	2,019,000	20	10
LAC	CUB	1,929,000	19	10
	DOM	3,023,000	30	18
	HTI	3,919,255	39	18
MEX	MEX	34,583,967	346	573
NOA	CAN	5,645,000	56	15
	USA	60,921,000	609	0
SOC	ARG	10,165,000	102	135
	CHL	3,863,000	39	71
	PRY	2,181,224	22	15
	URY	772,000	8	2
Total		229,113,069	2,291	1547

Table No.2
AFP Cases under investigation, 2014 (All ages)

Country	Total 2013	Cumm. 2014	Week											
			1-44	45	46	47	48	49	50	51	52			
BOL	0	1	1	0	0	0	0	0	0	0	0	0	...	
COL	0	16	7	2	3	0	1	3	0	0	0	0	...	
ECU	0	4	3	0	0	1	0	...	...	...	...	...	...
PER	0	16	14	0	2	0	0	0	0	0	0	0	...	
VEN	0	20	20	0	0	0	0	0	0	0	0	0	...	
BRA	0	62	62	...	...	...	...	...	...	...	...	...	...
CRI	0	0	0	...	...	...	...	...	...	...	...	...	...
GTM	0	7	7	0	0	0	0	0	0	0	0	0	...	
HND	0	12	2	0	6	0	2	1	1	0	0	0	...	
NIC	0	7	4	0	1	0	2	0	0	0	0	0	...	
PAN	0	3	3	0	0	0	0	0	0	0	0	0	...	
SLV	0	29	29	0	0	0	0	0	0	0	0	0	...	
CAR	0	1	0	0	0	0	0	1	0	0	0	0	...	
CUB	0	4	3	1	0	0	0	0	0	0	0	0	...	
DOM	0	5	5	0	0	0	0	0	0	0	0	0	...	
HTI	0	13	12	0	0	0	1	0	0	0	0	0	...	
MEX	0	55	33	3	0	4	3	5	7	...	...	...	...
CAN	0	0	0	0	0	0	0	0	0	0	0	0	...	
ARG	0	0	0	0	0	0	0	0	0	0	0	0	...	
CHL	0	28	20	1	2	1	0	1	3	0	0	0	...	
PRY	0	11	9	2	0	0	0	0	0	0	0	0	...	
URY	0	0	0	0	0	0	0	0	0	0	0	0	...	
Total	0	294	234	9	14	6	9	11	11	0	0	0	0	

... - No data

*As reported by countries

NR - No reporting

Table No.3
Confirmed and compatible polio cases, and AFP surveillance indicators, 2014 and 2013

Sub Region	Country	Polio 2014		AFP Cases and indicators, last 52 weeks (2014/01 - 2014/52)					Polio 2013		AFP Cases and indicators, 2013 (2013/01 - 2013/52)				
		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	40	1.04	95	80	82	0	0	49	1.38	96	86	80
	COL	0	0	150	1.16	19	74	94	0	0	147	1.14	37	76	94
	ECU	0	0	19	0.38	...	68	...	0	0	22	0.44	...	36	...
	PER	0	0	49	0.53	53	65	...	0	1	83	0.95	61	63	...
VEN	0	0	39	0.46	97	72	...	0	0	67	0.78	94	69	...	
BRA	BRA	0	0	206	0.44	95	67	76	0	0	432	0.92	94	69	91
CRI	CRI	0	0	16	1.34	53	93	...	0	0	19	1.69	53	89	...
CAP	GTM	0	0	30	0.71	7	60	61	0	0	32	0.61	...	81	13
	HND	0	0	51	1.62	29	90	90	0	0	50	1.58	50	92	94
	NIC	0	0	28	1.39	82	100	100	0	0	20	0.99	70	85	100
	PAN	0	0	13	1.20	69	77	75	0	0	12	1.11	75	67	81
	SLV	0	0	39	2.13	54	82	92	0	0	69	3.72	38	81	...
CAR	CAR	0	0	10	0.50	60	60	72	0	0	18	0.89	28	50	62
LAC	CUB	0	0	10	0.52	100	80	100	0	0	16	0.83	100	69	90
	DOM	0	0	18	0.60	11	78	61	0	0	35	1.10	6	80	79
	HTI	0	0	18	0.46	72	50	75	0	0	27	0.69	81	44	63
MEX	MEX	0	0	573	1.66	55	76	...	0	0	541	1.56	48	77	...
NOA	CAN	0	0	15	0.27	...	7	...	0	0	33	0.58	...	20	...
	USA	0	0	NR	NR	NR	NR	NR	0	0	0	NR	NR	NR	NR
SOC	ARG	0	0	135	1.33	59	82	86	0	0	181	1.77	48	74	82
	CHL	0	0	71	1.84	83	75	99	0	0	75	1.94	96	81	96
	PRY	0	0	15	0.69	53	60	81	0	0	18	0.83	72	61	6
	URY	0	0	2	0.26	50	100	...	0	0	2	0.26	50	50	...
Total §		0	0	1547	0.91	58	74	-	0	1	1948	1.16	61	73	-

+ 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 2014/01 - 2014/52

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	DOM	18	5	0	0	0	0	1	12	0	0	8	13	13	100		
	GUY	3	0	0	0	0	0	0	3	0	0	0	3	3	100		
	HND	41	3	0	0	0	0	3	35	0	0	8	38	38	89		
	HTI	17	11	0	0	0	0	1	5	0	0	17	6	6	100		
	JAM	4	0	0	0	0	0	0	4	0	0	0	4	4	100		
	NIC	27	8	0	0	0	0	7	12	0	0	37	19	19	100		
	PAN	13	3	0	1	0	0	0	9	0	0	0	9	9	100		
CDC	GTM	30	5	0	2	0	0	7	16	0	0	30	23	1	0		
	NIC	1	0	0	0	0	0	1	0	0	0	100	1	1	100		
	PRY	12	9	0	0	0	0	0	3	0	0	0	3	3	0		
	SLV	38	0	0	22	0	0	0	16	0	0	0	16	16	0		
FIO	BRA	151	21	0	15	2	0	8	105	0	0	9	115	113	73		
	PER	40	5	0	0	0	0	7	28	0	0	20	35	35	80		
IEC	BRA	30	2	0	1	0	0	3	24	0	0	11	27	27	70		
INDRE	MEX	474	0	1	16	7	0	52	398	0	0	13	457	457	98		
INS	COL	128	0	0	3	1	0	7	116	1	0	6	125	125	74		
	CRI	34	0	0	11	0	0	0	23	0	0	0	23	23	70		
	ECU	1	0	0	0	0	0	0	1	0	0	0	1	0	0		
IPK	CUB	10	3	0	0	0	0	0	7	0	0	0	7	7	100		
ISP	CHL	64	0	0	1	0	0	0	63	0	0	0	63	63	94		
MAL	ARG	142	2	0	17	14	0	8	101	0	0	18	123	123	85		
	BOL	40	1	0	1	0	0	2	36	0	0	5	38	38	29		
	URY	2	0	0	0	0	0	0	2	0	0	0	2	2	50		
(no lab. name)	CAN	2	1	0	0	0	0	0	1	0	0	0	1	0	0		
	ECU	17	2	0	0	0	0	0	15	0	0	0	15	0	0		
	HND	11	11	0	0	0	0	0	0	0	0	0	0	0	0		
	NIC	1	1	0	0	0	0	0	0	0	0	0	0	0	0		
VEN	30	11	0	0	0	0	0	19	0	0	0	19	19	84			
Total		1381	104	1	90	24	0	107	1054	1	0	11	1186	1145	85		

... 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 2014/01 - 2014/52

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	2	1	1	1	0	0	0	0	0	0	0	2	2	100	100	100
INDRE	MEX	7	1	2	4	0	0	0	0	0	0	0	7	7	100	100	100
INS	COL	1	0	1	2	0	0	0	0	0	0	0	2	2	100	100	100
ISP	CHL	0	0	1	0	0	0	0	0	0	0	0	1	1	100	100	100
MAL	ARG	14	3	7	10	0	0	0	0	0	0	0	15	15	100	100	100
	BOL	0	0	0	1	0	0	0	0	0	0	0	1	1	100	0	0
Total		24	5	12	18	0	0	0	0	0	0	0	28	28	100	96	96