



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 30, No. 50

Week ending 19 December 2015

Table No.1
Expected and reported AFP cases, 2015

Sub Region	Country	Population <15 years*	Expected AFP cases	Reported AFP cases 2015/50
AND	BOL	3,830,147	38	30
	COL	12,900,000	129	122
	ECU	4,982,359	50	22
	PER	9,308,490	93	65
	VEN	8,569,000	86	84
BRA	BRA	47,062,224	471	363
CAP	CRI	1,121,000	11	21
	GTM	4,229,000	42	15
	HND	3,155,746	32	61
	NIC	2,019,000	20	17
	PAN	1,087,657	11	14
	SLV	1,827,000	18	12
CAR	CAR	2,019,000	20	8
LAC	CUB	1,929,000	19	6
	DOM	3,023,000	30	14
	HTI	3,919,255	39	12
MEX	MEX	34,583,967	346	513
NOA	CAN	5,645,000	56	12
	USA	60,921,000	NR	NR
SOC	ARG	10,165,000	102	199
	CHL	3,863,000	39	61
	PRY	2,181,224	22	25
	URY	772,000	8	4
Total		229,113,069	1682	1680

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

Country	Total 2014	Cumm. 2015	Week									
			1-42	43	44	45	46	47	48	49	50	
BOL	0	12	6	0	1	1	3	1	0	...	...
COL	0	17	14	0	1	1	1	0	0	0	...	
ECU	0	1	1	0	0	0	0	0	0	...	...
PER	0	14	6	1	0	3	1	2	1	0	0	
VEN	0	14	8	1	2	1	2	0	0	0	...	
BRA	0	114	99	3	7	1	1	1	0	2	0	
CRI	0	4	2	0	1	1	0	0	0	...	...
GTM	0	6	6	0	0	0	0	0	0	0	0	
HND	0	5	0	0	0	0	0	2	3	0	0	
NIC	0	9	3	0	0	2	2	1	1	...	...
PAN	0	9	7	1	1	0	0	0	0	0	0	
SLV	0	7	6	1	0	0	0	0	0	...	...
CAR	0	2	1	0	0	0	0	0	1	0	0	
CUB	0	1	0	0	0	0	0	1	0	...	...
DOM	0	8	6	0	1	1	0	0	0	0	0	
HTI	0	6	5	0	0	0	1	0	0	0	...	
MEX	0	10	2	0	0	5	1	0	0	2	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	0	1	0	0	0	0	0	0	1	0	0	
CHL	0	34	28	0	0	0	3	0	1	1	1	
PRY	0	15	15	0	0	0	0	0	0	0	0	
URY	0	2	2	0	0	0	0	0	0	...	...
Total	0	291	217	7	14	16	15	8	8	5	1	

*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 (2014/52 - 2015/50)					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	30	0.78	87	93	83	0	0	41	1.07	95	79	83
	COL	0	0	125	0.97	62	78	92	0	0	166	1.29	25	81	92
	ECU	0	0	22	0.44	59	100	...	0	0	22	0.44	...	68	...
	PER	0	0	67	0.72	81	66	...	0	0	58	0.62	57	62	88
VEN	0	0	85	0.99	81	73	8	0	0	64	0.75	97	88	...	
BRA	BRA	0	0	368	0.78	97	68	...	0	0	444	0.94	95	69	80
CAP	CRI	0	0	21	1.87	38	100	...	0	0	18	1.61	56	94	...
	GTM	0	0	16	0.38	0	81	80	0	0	31	0.73	6	61	60
	HND	0	0	67	2.12	24	84	89	0	0	60	1.90	28	90	90
	NIC	0	0	17	0.84	88	82	100	0	0	28	1.39	82	100	100
	PAN	0	0	15	1.38	73	80	84	0	0	14	1.29	64	71	75
	SLV	0	0	13	0.71	38	92	55	0	0	50	2.74	58	84	50
CAR	CAR	0	0	8	0.40	50	38	84	0	0	10	0.50	60	60	72
LAC	CUB	0	0	6	0.31	100	83	100	0	0	10	0.52	100	80	100
	DOM	0	0	15	0.50	13	80	...	0	0	23	0.76	9	78	49
	HTI	0	0	14	0.36	71	64	93	0	0	22	0.54	71	52	67
MEX	MEX	0	0	530	1.53	99	75	...	0	0	599	1.73	99	80	...
NOA	CAN	0	0	13	0.23	0	23	...	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	204	2.01	65	82	88	0	0	213	2.10	53	83	87
	CHL	0	0	62	1.60	47	53	...	0	0	71	1.84	58	83	99
	PRY	0	0	26	1.19	85	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	0	1728	1.01	80	74	-	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 2014/52 - 2015/50

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	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
	DOM	10	4	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	62	0	0	2	0	0	9	51	0	0	15	60	60	67		
	HTI	14	8	0	1	0	0	0	5	0	0	0	5	4	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	15	4	0	0	0	0	0	2	9	0	0	18	11	11	64	
TTO	2	0	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	20	0	0	6	0	0	0	14	0	0	0	14	14	0		
FIO	BRA	261	26	1	26	3	0	10	195	0	0	6	208	205	67		
	PER	37	1	0	0	0	0	1	35	0	0	3	36	27	30		
IEC	BRA	49	1	0	2	0	0	1	45	0	0	2	46	44	77		
INDRE	MEX	452	0	0	23	5	0	50	374	0	0	13	429	429	99		
INH	CRI	1	0	0	0	0	0	0	1	0	0	0	1	1	100		
INS	COL	121	0	0	3	0	0	5	113	0	0	4	118	118	86		
	CRI	37	0	0	4	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	5	1	0	0	0	0	0	4	0	0	0	4	4	100		
ISP	CHL	47	0	0	1	1	0	0	45	0	0	2	46	46	91		
MAL	ARG	208	0	0	20	18	0	10	160	0	0	15	188	188	92		
	BOL	30	12	0	0	0	0	4	14	0	0	22	18	18	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		
	ECU	4	4	0	0	0	0	0	0	0	0	0	0	0	0		
	HND	5	5	0	0	0	0	0	0	0	0	0	0	0	0		
	NIC	3	3	0	0	0	0	0	0	0	0	0	0	0	0		
	PER	18	13	0	3	0	0	0	2	0	0	0	2	2	50		
VEN	77	11	0	2	0	0	4	60	0	0	6	64	55	64			
Total		1560	114	1	94	27	0	109	1214	1	0	10	1351	1312	83		

... 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 2014/52 - 2015/50

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	100	100	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	18	9	12	8	0	0	0	0	0	0	0	18	18	100	100	100
Total		27	14	15	13	0	0	0	0	0	0	1	28	28	100	100	100