



**PAN AMERICAN HEALTH ORGANIZATION**  
 PAN AMERICAN HEALTH SANITARY BUREAU REGIONAL OFFICE OF THE  
 WORLD HEALTH ORGANIZATION



*Division of Vaccines and Immunization*  
*Expanded Program on Immunization*  
**Poliomyelitis Surveillance in the Americas**

*Weekly Bulletin for the week*  
*ending 18 December 1999*

Vol. 14, No. 50

**Poliovirus Surveillance**

**POLIO HAS BEEN ERADICATED FROM THE AMERICAS**  
 The last wild poliovirus was detected on September 5 1991, in Peru

Table No. 1  
 Status of Case Stool Sample Analysis  
 Last 52 Weeks (98/51 - 99/50)

Lab.	Country	Total*	WITHOUT RESULTS			ENTEROVIRUS ISOLATION					
			Not yet in Lab.	<10 weeks	>10 weeks	% Isolation	Negative	Other Enterovirus	Pending	Poliovirus Vaccine	Wild
BEL	BRA	75	41	0	15	15.8	16	1	0	2	0
CAR	DOR	4	0	0	2	0.0	2	0	0	0	0
	HON	41	8	0	3	20.0	24	6	0	0	0
	JAM	1	0	1	0	0.0	0	0	0	0	0
	SUR	3	0	0	0	0.0	3	0	0	0	0
	TRT	4	0	0	0	0.0	4	0	0	0	0
CDC	GUT	1	0	0	0	100.0	0	0	0	1	0
	MEX	2	0	0	0	100.0	0	0	0	2	0
	NIC	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	31	2	0	7	27.3	16	4	0	2	0
	BRA	115	31	1	7	13.2	66	8	0	2	0
	PER	11	6	0	0	0.0	5	0	0	0	0
INC	COR	5	0	0	0	0.0	5	0	0	0	0
	ELS	66	6	5	0	7.3	51	3	0	1	0
	GUT	45	0	2	0	2.3	42	1	0	0	0
	NIC	21	0	0	0	19.0	17	4	0	0	0
	PAN	9	1	0	0	0.0	8	0	0	0	0
INDRE	MEX	332	1	23	20	0.7	286	0	2	0	0
INH	VEN	88	4	3	0	8.6	74	7	0	0	0
INS	COL	164	5	6	0	11.1	136	15	0	2	0
	ECU	44	4	0	1	20.5	31	8	0	0	0
ISP	CHI	82	0	5	1	7.9	70	6	0	0	0
MAL	ARG	83	0	9	0	21.6	58	14	0	2	0
	PAR	14	2	0	1	45.5	6	5	0	0	0
	URU	2	0	0	0	0.0	2	0	0	0	0
REC	BRA	75	37	1	7	13.3	26	2	0	2	0
TOTAL		1320	148	56	64	9.9	948	84	2	18	0

\* Each sample relates to an individual

Case samples only

Table No. 2  
 Status of Poliovirus Pending Intratypic Differentiation  
 Last 52 Weeks (98/51 - 99/50)

LAB	COUNTRY	POLIOVIRUS												TOTAL	
		NOT YET IN LAB				IN LAB < 4 Weeks				IN LAB > 4 Weeks					
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX		
	MEX	0	1	1	0	0	0	0	0	0	0	0	0	0	2
TOTAL		0	1	1	0	0	0	0	0	0	0	0	0	0	2

Case samples only



# Acute Flaccid Paralysis Surveillance

Vol. 14, No.50

**Table No. 1**  
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION  
BY WEEK OF REPORT

SITE	TOTAL 1998	CUM. 1999	Weeks																
			1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44	45	46	47	48	49	50
ARG	5	18	0	0	0	0	0	1	1	3	0	1	2	3	0	2	2	0	3
BOL	0	9	0	1	0	1	4	3	0	0	0	0	0	0	0	0	0	0	0
BRA	7	256	5	11	14	22	16	13	19	30	27	32	25	8	1	19	8	3	3
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	7	0	2	0	0	1	0	1	1	1	0	0	1	0	0	0	0	0
CHI	0	34	0	1	0	0	0	0	1	0	2	8	7	3	6	2	4	0	0
COL	1	19	0	1	0	0	0	1	0	2	0	2	2	3	4	1	1	1	1
COR	1	7	0	1	3	0	1	0	2	0	NR	NR	NR	NR	NR	NR	NR	NR	NR
CUB	1	22	3	1	8	2	1	2	1	3	0	0	1	0	0	0	0	0	NR
DOR	0	3	0	0	0	0	0	0	3	0	NR	NR	NR	NR	NR	NR	NR	NR	NR
ECU	0	6	0	0	0	0	0	1	0	0	0	0	0	1	0	1	2	0	1
ELS	1	15	0	0	0	0	0	0	3	0	1	0	5	2	3	1	0	NR	NR
GUT	0	7	0	0	0	0	1	2	0	0	0	1	0	0	1	1	1	0	NR
HAI	0	0	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR	NR	NR	NR
HON	0	17	0	0	1	0	0	0	1	0	4	2	5	1	1	1	0	1	0
MEX	0	130	1	0	0	1	1	8	7	15	18	30	25	11	8	3	2	0	0
NIC	0	6	0	0	1	0	0	0	0	1	0	0	3	1	0	0	NR	NR	NR
PAN	0	9	2	0	0	1	0	2	1	2	1	0	0	0	0	0	0	0	NR
PAR	0	5	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0	NR
PER	0	22	0	0	0	0	0	2	0	2	2	5	9	2	0	NR	NR	NR	NR
URU	3	2	0	0	0	0	1	0	1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	7	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	2	NR
<b>TOTAL</b>	<b>19</b>	<b>601</b>	<b>11</b>	<b>18</b>	<b>27</b>	<b>27</b>	<b>27</b>	<b>35</b>	<b>42</b>	<b>59</b>	<b>57</b>	<b>81</b>	<b>85</b>	<b>36</b>	<b>27</b>	<b>34</b>	<b>20</b>	<b>7</b>	<b>8</b>

NR - No reports

**Table No.2**  
CASES OF AFP REPORTED, RATE PER 100,000 <15 yrs.,  
% INVESTIGATED WITHIN 48 hrs., % WITH 1 ADEQUATE  
SAMPLE AND % OF SITES REPORTING WEEKLY  
AS OF WEEK 50

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	% 1 Sample+	% Re- port
ARG	93	0.91	97	0.98	90	58	98.2
BOL	38	1.19	30	0.98	73	67	74.5
BRA	371	0.58	361	0.59	85	48	68.2
CAN	NR	...	NR	...	...	...	...
CAR	13	0.50	17	0.80	76	35	91.7
CHI	71	1.66	85	2.07	95	88	99.9
COL	184	1.30	174	1.28	86	81	84.6
COR	21	1.53	8	0.60	75	63	67.1
CUB	27	1.10	22	0.93	95	86	82.8
DOR	24	0.75	4	0.13	100	0	58.0
ECU	40	0.94	45	1.10	96	89	77.1
ELS	71	3.25	68	3.24	97	74	...
GUT	51	1.11	57	1.30	100	58	62.5
HAI	4	0.16	0	0.00	0	0	58.9
HON	48	1.95	37	1.56	97	92	80.5
MEX	384	1.16	350	1.10	93	85	94.7
NIC	30	1.39	29	1.40	100	100	80.1
PAN	11	1.24	8	0.94	75	88	85.2
PAR	9	0.43	15	0.73	60	60	96.0
PER	91	1.07	105	1.28	100	†	86.3
URU	10	0.77	2	0.16	100	50	...
USA	NR	...	NR	...	...	...	...
VEN	71	0.69	88	1.12	85	93	84.7
<b>TOTAL</b> ♦	<b>1662</b>	<b>0.93</b>	<b>1602</b>	<b>0.94</b>	<b>90</b>	<b>68</b> ♣	<b>86.4</b>

\* Adjusted + Taken within 14 days of onset of paralysis  
♦ Excluding Canada and USA NR or ... No reports received  
♣ Data incomplete, in review ♣ Provisional Total, Peru data not included

**Table No. 3**  
CONFIRMED CASES OF POLIOMYELITIS  
BY WEEK OF ONSET  
AS OF WEEK 50

SITE	TOTAL 1998	CUMULATIVE	
		1998	1999
ARG	0	0	0
BOL	0	0	0
BRA	0	0	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	0	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	0	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	0	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>

CAR Includes reports from all CAREC member countries

**Table No. 4**  
POLIO COMPATIBLE CASES  
BY WEEK OF ONSET  
AS OF WEEK 50

SITE	TOTAL 1998	CUMULATIVE	
		1998	1999
ARG	0	0	0
BOL	0	0	0
BRA	2	2	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	8	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	0	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	0	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
<b>TOTAL</b>	<b>10</b>	<b>10</b>	<b>1</b>

CAR Includes reports from all CAREC member countries

Issues of polio surveillance bulletin can be accessed at:  
[http://www.paho.org/english/hvp/hvp\\_pol\\_bul.htm](http://www.paho.org/english/hvp/hvp_pol_bul.htm)

