



**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 17 April 1999*

Vol. 14, No. 15

**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 (98/16 - 99/15)**

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	44	6	4	2	18.8	26	6	0	0	0
CAR	DOR	13	2	0	2	11.1	8	1	0	0	0
	GUY	2	0	1	0	0.0	1	0	0	0	0
	HAI	2	0	0	0	50.0	1	1	0	0	0
	HON	47	11	4	0	37.5	20	12	0	0	0
	JAM	1	0	0	0	0.0	1	0	0	0	0
	TRT	9	1	0	0	12.5	7	1	0	0	0
CDC	MEX	2	0	0	0	100.0	0	0	0	2	0
	NIC	1	0	0	0	100.0	0	0	0	1	0
FIO	BOL	20	3	4	0	23.1	10	3	0	0	0
	BRA	117	9	9	5	12.8	82	11	0	1	0
	PER	95	5	8	5	22.1	60	14	0	3	0
INC	COR	14	4	0	1	11.1	8	1	0	0	0
	ELS	52	2	0	1	10.2	44	5	0	0	0
	GUT	34	0	0	0	17.6	28	6	0	0	0
	NIC	23	0	2	0	14.3	18	3	0	0	0
	PAN	12	3	0	0	22.2	7	2	0	0	0
INDRE	MEX	300	0	24	0	13.8	238	37	1	0	0
INH	VEN	72	5	1	0	19.7	53	13	0	0	0
INS	COL	164	6	8	1	9.4	135	13	0	1	0
	ECU	40	13	0	0	7.4	25	2	0	0	0
MAL	ARG	39	0	10	4	36.0	16	6	0	3	0
	CHI	15	0	0	0	40.0	9	5	0	1	0
	PAR	7	3	0	0	0.0	4	0	0	0	0
	URU	7	2	0	2	0.0	3	0	0	0	0
REC	BRA	40	8	2	1	10.3	26	3	0	0	0
TOTAL		1172	83	77	24	16.0	830	145	1	12	0

\* Each sample relates to an individual

Case samples only

**Table No. 2**  
**Status of Poliovirus Pending Intratypic Differentiation**  
**Last 52 Weeks (98/16 - 99/15)**

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	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL		0	0	1	0	0	0	0	0	0	0	0	0	1

Case samples only



# Acute Flaccid Paralysis Surveillance

Vol. 14, No.15

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	10	11	12	13	14	15
ARG	88	20	5	4	1	5	1	4	0	0	NR
BOL	1	6	3	3	0	0	0	0	NR	NR	NR
BRA	71	25	8	9	3	1	3	0	1	0	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	5	2	1	2	0	0	0	0	0	0
CHI	0	16	6	4	1	3	1	0	1	0	NR
COL	17	28	9	10	3	1	1	1	3	0	0
COR	2	2	1	1	0	0	0	NR	NR	NR	NR
CUB	1	7	1	1	2	2	0	1	0	0	NR
DOR	0	0	0	0	0	0	0	0	NR	NR	NR
ECU	0	14	6	7	1	0	0	0	0	0	NR
ELS	1	5	3	2	0	0	0	0	0	NR	NR
GUT	2	1	1	NR	0	0	0	0	NR	NR	NR
HAI	3	0	0	0	0	0	0	0	NR	NR	NR
HON	2	13	4	4	1	1	1	1	1	0	0
MEX	1	52	9	22	7	10	4	0	0	0	NR
NIC	1	5	0	0	1	0	1	0	2	1	0
PAN	0	3	2	0	0	0	0	0	0	0	1
PAR	0	3	0	1	1	0	1	0	0	0	0
PER	0	19	5	6	4	1	3	NR	NR	NR	NR
URU	5	0	0	NR	NR	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	19	3	8	2	0	1	3	2	NR	NR
<b>TOTAL</b>	<b>195</b>	<b>243</b>	<b>68</b>	<b>83</b>	<b>29</b>	<b>24</b>	<b>17</b>	<b>10</b>	<b>10</b>	<b>1</b>	<b>1</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 15

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	% I Sample+	% Re- port §
ARG	94	0.92	19	0.64	0	0	...
BOL	38	1.19	4	0.44	100	50	22.3
BRA	351	0.55	22	0.12	77	32	62.3
CAN	NR	...	NR	...	...	...	...
CAR	13	0.50	5	0.78	100	20	99.3
CHI	71	1.66	16	1.30	88	81	86.4
COL	183	1.29	34	0.83	82	82	73.8
COR	21	1.53	2	0.50	100	50	...
CUB	27	1.10	7	0.98	100	86	60.4
DOR	24	0.75	0	0.00	0	0	92.3
ECU	40	0.94	16	1.31	100	94	90.3
ELS	70	3.20	6	0.95	83	33	...
GUT	51	1.11	2	0.15	100	50	...
HAI	4	0.16	0	0.00	0	0	72.8
HON	48	1.95	11	1.55	100	100	84.4
MEX	383	1.16	59	0.62	86	88	...
NIC	30	1.39	7	1.13	100	100	99.7
PAN	11	1.24	2	0.78	100	100	93.1
PAR	9	0.43	3	0.49	67	33	23.0
PER	91	1.07	20	0.81	100	90	81.3
URU	10	0.77	0	0.00	0	0	...
USA	NR	...	NR	...	...	...	...
VEN	71	0.78	19	0.64	79	79	75.6
<b>TOTAL</b> ♦	<b>1640</b>	<b>0.92</b>	<b>254</b>	<b>0.49</b>	<b>82</b>	<b>72</b>	<b>73.4</b>

\* Adjusted + Taken within 14 days of onset of paralysis  
♦ Excluding Canada and USA NR or ... No reports received  
§ Reporting data as of 3 April 1999

Table No.3  
CONFIRMED CASES OF POLIOMYELITIS  
BY WEEK OF ONSET

SITE	AS OF WEEK 15		
	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

SITE	AS OF WEEK 15		
	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	7	3	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	5	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>12</b>	<b>3</b>	<b>0</b>

CAR Includes reports from all CAREC member countries

Issues of polio surveillance bulletin can be accessed at:  
<http://www.paho.org/english/svi/sviebpo3.htm>

