



**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 16 October 1999*

Vol. 14, No. 41

**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 (98/42 - 99/41)**

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	45	10	0	16	10.5	17	2	0	0	0
CAR	DOR	9	1	0	3	0.0	5	0	0	0	0
	GUY	1	0	0	0	0.0	1	0	0	0	0
	HON	40	5	2	0	15.2	28	5	0	0	0
	SUR	1	0	0	0	0.0	1	0	0	0	0
	TRT	8	0	0	0	12.5	7	1	0	0	0
CDC	GUT	1	0	0	0	100.0	0	0	0	1	0
	MEX	3	0	0	0	100.0	0	0	0	3	0
	NIC	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	33	2	0	7	25.0	18	4	0	2	0
	BRA	90	20	0	10	26.7	44	14	0	2	0
	PER	110	9	0	9	26.1	68	22	0	2	0
INC	COR	12	5	0	0	14.3	6	1	0	0	0
	ELS	64	5	0	1	6.9	54	3	0	1	0
	GUT	46	0	1	1	6.8	41	1	0	2	0
	NIC	29	0	0	0	17.2	24	5	0	0	0
	PAN	9	4	0	4	0.0	1	0	0	0	0
INDRE	MEX	254	1	20	18	5.1	204	9	2	0	0
INH	VEN	92	2	7	0	9.6	75	8	0	0	0
INS	COL	157	5	19	2	13.7	113	16	0	2	0
	ECU	38	0	1	1	22.2	28	8	0	0	0
MAL	ARG	74	0	10	0	26.6	47	13	0	4	0
	PAR	15	5	0	1	55.6	4	5	0	0	0
	URU	5	0	0	1	0.0	4	0	0	0	0
REC	BRA	52	20	1	9	13.6	19	3	0	0	0
TOTAL		1190	94	61	83	15.0	809	120	2	21	0

\* Each sample relates to an individual

Case samples only

**Table No. 2**  
**Status of Poliovirus Pending Intratypic Differentiation**  
**Last 52 Weeks (98/42 - 99/41)**

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.41

**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	38	39	40	41
ARG	11	22	1	0	1	0	0	2	3	4	6	3	0	1	1	0
BOL	0	9	0	1	0	1	4	3	0	0	0	0	0	0	0	0
BRA	31	153	8	16	18	21	20	19	25	21	5	0	NR	NR	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	15	1	4	2	1	1	0	0	3	3	0	0	0	0	0
CHI	0	26	0	2	0	1	1	0	4	1	7	0	2	4	3	1
COL	2	31	0	1	0	0	0	1	2	9	15	1	1	0	1	0
COR	2	8	1	1	3	0	1	0	2	0	NR	NR	NR	NR	NR	NR
CUB	1	16	2	1	6	2	0	1	1	3	0	0	0	0	0	0
DOR	0	3	0	0	0	0	0	0	3	0	NR	NR	NR	NR	NR	NR
ECU	0	2	0	0	0	0	0	1	0	0	1	0	0	0	0	0
ELS	1	7	0	0	0	0	0	0	3	0	2	2	0	0	0	NR
GUT	0	7	0	0	0	0	1	3	0	0	1	2	0	NR	NR	NR
HAI	0	0	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR
HON	0	10	0	0	1	0	0	0	3	3	3	0	0	0	0	0
MEX	0	113	0	1	4	2	4	16	20	42	23	1	NR	NR	NR	NR
NIC	0	5	0	0	1	0	0	0	0	1	1	0	0	0	0	2
PAN	0	9	2	0	0	1	0	2	1	2	1	0	0	0	0	0
PAR	0	7	0	0	0	0	2	0	1	0	3	0	0	0	1	NR
PER	0	17	0	0	0	0	1	3	4	8	1	0	NR	NR	NR	NR
URU	3	2	0	0	0	0	1	0	1	NR	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	9	0	0	0	0	0	0	0	1	3	2	2	1	0	0
TOTAL	51	471	15	27	36	29	36	51	73	98	75	11	5	6	6	3

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 41**

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	% 1 Sample+	% Re- port
ARG	94	0.92	77	0.95	88	60	93.8
BOL	38	1.19	30	1.20	73	67	70.1
BRA	367	0.58	172	0.34	83	52	51.5
CAN	NR	...	NR	...	...	...	...
CAR	13	0.50	15	0.86	87	33	94.7
CHI	71	1.66	61	1.81	95	89	99.9
COL	184	1.30	133	1.19	80	78	86.1
COR	21	1.53	8	0.74	75	63	81.9
CUB	27	1.10	16	0.82	100	94	93.8
DOR	24	0.75	4	0.16	100	0	70.7
ECU	40	0.94	35	1.05	100	91	77.7
ELS	71	3.25	50	2.90	96	74	...
GUT	51	1.11	44	1.22	100	50	...
HAI	4	0.16	0	0.00	0	0	71.5
HON	48	1.95	25	1.29	100	100	84.4
MEX	383	1.16	227	0.87	92	78	75.8
NIC	30	1.39	27	1.59	100	93	97.3
PAN	11	1.24	8	1.14	75	88	92.9
PAR	9	0.43	13	0.77	54	69	95.1
PER	91	1.07	80	1.19	100	100	93.0
URU	10	0.77	2	0.20	100	50	...
USA	NR	...	NR	...	...	...	...
VEN	71	0.78	77	0.94	83	92	82.1
TOTAL♦	1658	0.93	1104	0.78	89	75	77.3

\* Adjusted + Taken within 14 days of onset of paralysis  
 ♦ Excluding Canada and USA NR or ... No reports received

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

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
TOTAL	0	0	0

CAR Includes reports from all CAREC member countries

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

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	7	6	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	5	4	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
TOTAL	12	10	1

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)

