



**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 25 December 1999*

Vol. 14, No. 51

**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 (98/52 - 99/51)**

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	69	40	0	15	21.4	11	1	0	2	0
CAR	DOR	4	0	0	2	0.0	2	0	0	0	0
	HON	40	9	0	3	17.9	23	5	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	5	0	1	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	30	2	0	7	28.6	15	4	0	2	0
	BRA	110	31	1	7	11.3	63	6	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	65	6	5	0	7.4	50	3	0	1	0
	GUT	47	0	4	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	329	1	23	20	0.7	283	0	2	0	0
INH	VEN	89	2	5	0	8.5	75	7	0	0	0
INS	COL	162	5	6	0	11.3	134	15	0	2	0
	ECU	46	6	0	1	20.5	31	8	0	0	0
ISP	CHI	82	0	6	1	6.7	70	5	0	0	0
MAL	ARG	82	0	8	0	20.3	59	14	0	1	0
	PAR	14	2	0	1	45.5	6	5	0	0	0
	URU	1	0	0	0	0.0	1	0	0	0	0
REC	BRA	74	37	1	7	13.8	25	2	0	2	0
TOTAL		1304	148	61	64	9.6	932	80	2	17	0

\* Each sample relates to an individual

Case samples only

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

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	2
TOTAL		0	1	1	0	0	0	0	0	0	0	0	0	2

Case samples only



# Acute Flaccid Paralysis Surveillance

Vol. 14, No.51

**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	51
ARG	5	17	0	0	0	0	0	1	1	3	0	1	2	2	0	2	0	3	0	
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	0	
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	1	0	0	0	0	0	NR	
CHI	0	33	0	1	0	0	0	0	1	0	2	8	6	3	5	2	5	0	0	
COL	1	19	0	1	0	0	0	1	0	2	0	2	2	3	4	1	1	1	NR	
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	8	0	0	0	0	0	1	0	0	0	0	0	1	0	1	3	0	1	
ELS	1	15	0	0	0	0	0	0	3	0	1	0	5	2	3	1	0	NR	NR	
GUT	0	10	0	0	0	0	1	2	0	0	0	1	0	0	1	1	1	0	3	
HAI	0	0	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR	NR	NR	NR	
HON	0	18	0	0	1	0	0	0	1	0	4	2	5	1	1	1	0	0	1	
MEX	0	130	1	0	0	1	1	8	7	15	18	30	25	11	8	3	2	0	NR	
NIC	0	6	0	0	1	0	0	0	0	1	0	0	3	1	0	0	0	0	0	
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	0	
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	1	4	0	2	0	
<b>TOTAL</b>	<b>19</b>	<b>605</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>84</b>	<b>35</b>	<b>25</b>	<b>35</b>	<b>22</b>	<b>6</b>	<b>9</b>	<b>5</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 51**

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	%1 Sample+	% Re- port
ARG	93	0.91	97	0.96	90	58	98.2
BOL	38	1.19	30	0.96	73	67	73.2
BRA	371	0.58	361	0.58	85	48	66.9
CAN	NR	...	NR	...	...	...	...
CAR	13	0.50	17	0.78	76	35	90.0
CHI	71	1.66	85	2.03	95	91	99.9
COL	184	1.30	174	1.25	86	81	82.9
COR	21	1.53	8	0.59	75	63	65.8
CUB	27	1.10	22	0.91	95	86	81.2
DOR	24	0.75	4	0.13	100	0	56.8
ECU	40	0.94	46	1.11	96	89	77.4
ELS	71	3.25	68	3.17	97	74	...
GUT	51	1.11	60	1.34	100	58	61.4
HAI	4	0.16	0	0.00	0	0	57.8
HON	48	1.95	38	1.57	97	89	82.3
MEX	384	1.16	350	1.08	93	85	92.9
NIC	30	1.39	29	1.37	100	100	78.6
PAN	11	1.24	8	0.92	75	88	83.5
PAR	9	0.43	15	0.72	60	60	97.9
PER	91	1.07	105	1.25	100	†	84.6
URU	10	0.77	2	0.16	100	50	...
USA	NR	...	NR	...	...	...	...
VEN	71	0.69	89	1.11	85	93	83.0
<b>TOTAL</b> ♦	<b>1662</b>	<b>0.93</b>	<b>1608</b>	<b>0.93</b>	<b>90</b>	<b>68</b> ♣	<b>84.9</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**

SITE	AS OF WEEK 51		
	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 51		
	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)

