



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



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Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
ending 27 February 1999

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 (98/09 - 99/08)

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	14	1	3	23.1	20	5	0	1	0
CAR	DOR	17	6	2	0	11.1	8	1	0	0	0
	GUY	2	0	0	0	50.0	1	1	0	0	0
	HAI	2	0	0	0	50.0	1	1	0	0	0
	HON	43	14	0	0	37.9	18	11	0	0	0
	JAM	1	0	0	0	0.0	1	0	0	0	0
	TRT	9	0	0	0	11.1	8	1	0	0	0
CDC	MEX	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	27	4	0	0	26.1	17	6	0	0	0
	BRA	112	23	3	9	20.8	61	15	0	1	0
	PER	88	5	3	2	21.8	61	12	0	5	0
INC	COR	5	1	0	2	0.0	2	0	0	0	0
	ELS	56	12	0	13	25.8	23	8	0	0	0
	GUT	32	0	0	5	29.6	19	7	0	1	0
	NIC	23	4	0	1	11.1	16	2	0	0	0
	PAN	9	5	0	1	0.0	3	0	0	0	0
INDRE	MEX	332	0	11	1	12.2	281	38	1	0	0
INH	VEN	69	4	1	0	23.4	49	15	0	0	0
INS	COL	159	2	10	5	9.9	128	13	0	1	0
	ECU	35	8	0	1	7.7	24	2	0	0	0
MAL	ARG	32	0	1	4	25.9	20	4	0	3	0
	CHI	15	0	0	0	40.0	9	5	0	1	0
	PAR	7	0	0	0	42.9	4	3	0	0	0
	URU	4	0	0	0	0.0	4	0	0	0	0
REC	BRA	39	26	0	3	20.0	8	2	0	0	0
TOTAL		1164	128	32	50	17.6	786	152	1	15	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (98/09 - 99/08)

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

Case samples only



Acute Flaccid Paralysis Surveillance

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

SITE	TOTAL 1998	CUM. 1999	Weeks				
			1-4	5	6	7	8
ARG	88	0	0	0	0	NR	NR
BOL	1	3	2	1	0	0	NR
BRA	177	8	8	0	0	0	NR
CAN	NR	NR	NR	NR	NR	NR	NR
CAR	13	2	2	0	0	0	0
CHI	17	10	8	0	2	0	NR
COL	75	18	16	1	0	0	1
COR	19	0	0	NR	NR	NR	NR
CUB	24	0	0	0	NR	NR	NR
DOR	8	0	0	0	0	0	NR
ECU	1	9	8	1	0	0	NR
ELS	25	4	4	NR	NR	NR	NR
GUT	7	0	0	NR	NR	NR	NR
HAI	4	0	0	0	0	0	0
HON	8	6	4	2	0	0	0
MEX	6	14	14	0	0	0	NR
NIC	5	2	2	0	0	0	0
PAN	9	2	2	0	0	0	0
PAR	0	0	0	0	0	0	0
PER	4	5	4	1	NR	NR	NR
URU	5	0	0	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR
VEN	6	7	3	3	0	1	NR
TOTAL	502	90	77	9	2	1	1

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 8

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV.	% 1	% Re-
					<48 hrs.	Sample+	port §
ARG	93	0.66	0	0.00	0	0	...
BOL	37	1.19	2	0.42	100	50	47.6
BRA	314	0.49	2	0.02	100	100	...
CAN	NR	...	NR	...	...	...	...
CAR	13	0.50	2	0.50	100	0	100.0
CHI	71	1.66	8	1.22	88	50	0.0
COL	181	1.21	15	0.65	93	80	54.5
COR	19	1.38	0	0.00	...	...	...
CUB	23	0.93	0	0.00	0	0	48.8
DOR	24	0.78	0	0.00	0	0	100.0
ECU	40	0.94	9	1.38	100	89	86.9
ELS	69	3.16	2	0.59	100	100	...
GUT	42	1.00	0	0.00	...	...	...
HAI	4	0.16	0	0.00	...	...	92.0
HON	47	1.91	4	1.05	100	100	83.0
MEX	389	1.19	13	0.26	38	77	...
NIC	30	1.39	2	0.60	100	100	100.0
PAN	11	1.24	1	0.73	100	100	93.0
PAR	9	0.43	0	0.00	0	0	49.6
PER	91	1.07	5	0.38	100	100	...
URU	10	0.77	0	0.00	0	0	...
USA	NR	...	NR	...	...	...	...
VEN	70	0.77	7	0.50	57	71	68.6
TOTAL ♦	1587	0.87	72	0.26	82	78	67.1

* Adjusted + Taken within 14 days of onset of paralysis
♦ Excluding Canada and USA NR or ... No reports received
§ Reporting data as of 13 February 1999

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	2	1	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	2	1	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
TOTAL	9	2	0

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>

