



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 6 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 (98/06 - 99/05)

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	46	14	1	3	25.0	21	6	0	1	0
CAR	DOR	18	8	2	0	12.5	7	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	37	7	0	0	40.0	18	12	0	0	0
	TRT	8	0	0	0	12.5	7	1	0	0	0
CDC	MEX	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	31	4	0	0	25.9	20	7	0	0	0
	BRA	122	25	5	7	23.5	65	19	0	1	0
	PER	94	5	5	0	25.0	63	15	0	6	0
INC	COR	7	1	0	2	25.0	3	1	0	0	0
	ELS	59	12	0	13	23.5	26	8	0	0	0
	GUT	34	0	0	5	27.6	21	7	0	1	0
	NIC	19	0	0	0	10.5	17	2	0	0	0
	PAN	9	5	0	1	0.0	3	0	0	0	0
INDRE	MEX	330	0	13	1	13.6	273	42	1	0	0
INH	VEN	68	3	0	0	24.6	49	16	0	0	0
INS	COL	139	7	0	13	10.9	106	13	0	0	0
	ECU	31	2	6	12	0.0	11	0	0	0	0
MAL	ARG	23	0	0	2	19.0	17	3	0	1	0
	CHI	16	0	0	0	37.5	10	5	0	1	0
	PAR	8	4	0	0	100.0	0	3	0	1	0
	URU	4	0	0	0	0.0	4	0	0	0	0
REC	BRA	43	27	1	3	16.7	10	2	0	0	0
TOTAL		1152	124	33	62	19.3	753	165	1	14	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (98/06 - 99/05)

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	2	3	4	5
ARG	63	0	NR	NR	NR	NR	NR
BOL	1	3	0	1	1	0	1
BRA	177	8	3	2	3	0	0
CAN	0	0	NR	NR	NR	NR	NR
CAR	13	2	1	1	0	0	NR
CHI	17	6	3	2	1	0	NR
COL	78	0	0	0	0	NR	NR
COR	19	0	0	NR	NR	NR	NR
CUB	24	0	0	0	0	0	0
DOR	10	0	0	0	0	0	0
ECU	18	2	1	1	NR	NR	NR
ELS	25	4	0	4	NR	NR	NR
GUT	7	0	0	NR	NR	NR	NR
HAI	3	0	0	0	NR	NR	NR
HON	6	1	1	0	NR	NR	NR
MEX	95	3	3	0	0	0	NR
NIC	5	2	0	0	0	2	0
PAN	9	2	2	0	0	0	0
PAR	4	0	0	0	0	0	NR
PER	4	5	2	1	1	0	1
URU	5	0	0	0	NR	NR	NR
USA	0	0	NR	NR	NR	NR	NR
VEN	9	4	0	0	1	2	1
TOTAL	592	42	16	12	7	4	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 5

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES	RATE	% INV.	%1	% Re-
			1999	1999*	<48 hrs.	Sample+	port §
ARG	67	0.48	NR	...	...	...	...
BOL	37	1.19	2	0.67	100	50	...
BRA	314	0.49	2	0.03	100	100	...
CAN	NR	...	NR	...	...	...	...
CAR	13	0.50	2	0.80	100	0	...
CHI	69	1.61	5	1.22	100	80	...
COL	163	1.09	0	0.00	...	...	81.4
COR	19	1.38	0	0.00	...	...	...
CUB	23	0.93	0	0.00	...	...	97.6
DOR	24	0.78	0	0.00	...	...	100.0
ECU	40	0.94	2	0.49	100	100	58.5
ELS	69	3.16	2	0.95	100	100	...
GUT	42	1.00	0	0.00	...	...	...
HAI	3	0.12	0	0.00	...	...	60.0
HON	44	1.78	0	0.00	...	...	54.0
MEX	382	1.17	0	0.00	...	...	...
NIC	30	1.39	2	0.97	100	100	100.0
PAN	11	1.24	1	1.17	100	100	96.3
PAR	9	0.43	0	0.00	...	...	100.0
PER	91	1.07	5	0.61	100	100	...
URU	10	0.77	0	0.00	...	...	...
USA	NR	...	NR	...	...	...	...
VEN	70	0.77	4	0.46	50	75	79.7
TOTAL ♦	1530	0.84	27	0.15	93	81	76.0

* Adjusted + Taken within 14 days of onset of paralysis
 ♦ Excluding Canada and USA NR or ... No reports received
 § Reporting data as of 23 January 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	0	0	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	7	1	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>

