



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



Vol. 14, No. 6

Expanded Program on Immunization
Polio Myelitis Surveillance in the Americas

Weekly Bulletin for the week
ending 13 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 (98/07 - 99/06)

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	6	2	0	10.0	9	1	0	0	0
	GUY	2	0	0	0	50.0	1	1	0	0	0
	HAI	1	0	0	0	100.0	0	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	29	4	0	0	28.0	18	7	0	0	0
	BRA	119	24	5	7	21.7	65	17	0	1	0
	PER	90	5	5	0	22.5	62	13	0	5	0
INC	COR	7	1	0	2	25.0	3	1	0	0	0
	ELS	56	12	0	13	25.8	23	8	0	0	0
	GUT	34	0	0	5	27.6	21	7	0	1	0
	NIC	24	4	0	1	10.5	17	2	0	0	0
	PAN	9	5	0	1	0.0	3	0	0	0	0
INDRE	MEX	322	0	12	2	13.0	268	39	1	0	0
INH	VEN	69	4	1	0	23.4	49	15	0	0	0
INS	COL	135	7	0	13	11.3	102	13	0	0	0
	ECU	34	5	6	12	0.0	11	0	0	0	0
MAL	ARG	32	0	2	3	25.9	20	4	0	3	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	41	27	1	2	18.2	9	2	0	0	0
TOTAL		1143	129	35	64	19.0	741	158	1	15	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (98/07 - 99/06)

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	6
ARG	88	0	0	0	0	0	0	0
BOL	1	3	0	1	1	0	1	NR
BRA	177	8	3	2	3	0	0	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR
CAR	13	2	1	1	0	0	0	0
CHI	18	10	3	2	3	0	0	2
COL	78	0	0	0	0	NR	NR	NR
COR	19	0	0	NR	NR	NR	NR	NR
CUB	24	0	0	0	0	0	0	NR
DOR	8	0	0	0	0	0	0	0
ECU	18	6	1	1	0	4	0	0
ELS	25	4	0	4	NR	NR	NR	NR
GUT	7	0	0	NR	NR	NR	NR	NR
HAI	3	0	0	0	0	NR	NR	NR
HON	6	1	1	0	0	0	0	0
MEX	95	3	3	0	0	0	0	0
NIC	5	2	0	0	0	2	0	0
PAN	9	2	2	0	0	0	0	0
PAR	4	0	0	0	0	0	NR	NR
PER	4	5	2	1	1	0	1	NR
URU	5	0	0	0	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR
VEN	8	6	0	0	1	2	3	0
TOTAL	615	52	16	12	9	8	5	2

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 6

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES	RATE	% INV.	%1	% Re-
			1999	1999*	<48 hrs.	Sample+	port §
ARG	93	0.66	0	0.00	0	0	...
BOL	37	1.19	2	0.56	100	50	...
BRA	314	0.49	2	0.03	100	100	...
CAN	NR	...	NR	...	...	...	...
CAR	13	0.50	2	0.67	100	0	...
CHI	71	1.66	8	1.62	88	50	...
COL	163	1.09	0	0.00	...	...	81.4
COR	19	1.38	0	0.00	...	...	...
CUB	23	0.93	0	0.00	0	0	73.2
DOR	24	0.78	0	0.00	0	0	100.0
ECU	40	0.94	6	1.23	100	83	86.9
ELS	69	3.16	2	0.79	100	100	...
GUT	42	1.00	0	0.00	...	...	...
HAI	3	0.12	0	0.00	0	0	60.0
HON	44	1.78	0	0.00	0	0	40.5
MEX	382	1.17	0	0.00	0	0	...
NIC	30	1.39	2	0.81	100	100	100.0
PAN	11	1.24	1	0.98	100	100	96.8
PAR	9	0.43	0	0.00	0	0	100.0
PER	91	1.07	5	0.51	100	100	...
URU	10	0.77	0	0.00	0	0	...
USA	NR	...	NR	...	...	...	...
VEN	70	0.77	6	0.57	50	83	80.2
TOTAL ♦	1558	0.86	36	0.17	89	75	79.2

* Adjusted + Taken within 14 days of onset of paralysis
 ♦ Excluding Canada and USA NR or ... No reports received
 § Reporting data as of 30 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
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>

