



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 3 April 1999

Vol. 14, No. 13

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 (98/14 - 99/13)

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	41	5	2	2	18.8	26	5	0	1	0
CAR	DOR	15	2	0	2	18.2	9	2	0	0	0
	GUY	2	0	1	0	0.0	1	0	0	0	0
	HAI	2	0	0	0	50.0	1	1	0	0	0
	HON	46	9	4	0	36.4	21	12	0	0	0
	JAM	1	0	0	0	0.0	1	0	0	0	0
	TRT	10	1	0	0	11.1	8	1	0	0	0
CDC	MEX	2	0	0	0	100.0	0	0	0	2	0
	NIC	1	0	0	0	100.0	0	0	0	1	0
FIO	BOL	22	3	4	0	20.0	12	3	0	0	0
	BRA	112	18	2	10	14.6	70	11	0	1	0
	PER	96	5	12	1	21.8	61	14	0	3	0
INC	COR	14	4	0	1	11.1	8	1	0	0	0
	ELS	53	2	1	0	12.0	44	6	0	0	0
	GUT	37	0	0	0	16.2	31	6	0	0	0
	NIC	24	0	2	0	13.6	19	3	0	0	0
	PAN	11	2	0	0	22.2	7	2	0	0	0
INDRE	MEX	309	0	15	0	14.3	252	41	1	0	0
INH	VEN	75	5	1	0	20.3	55	14	0	0	0
INS	COL	167	6	9	0	9.9	137	14	0	1	0
	ECU	40	13	0	0	7.4	25	2	0	0	0
MAL	ARG	27	0	0	4	30.4	16	4	0	3	0
	CHI	15	0	0	0	40.0	9	5	0	1	0
	PAR	7	3	0	0	0.0	4	0	0	0	0
	URU	7	2	0	2	0.0	3	0	0	0	0
REC	BRA	38	9	0	2	14.8	23	4	0	0	0
TOTAL		1174	89	53	24	16.4	843	151	1	13	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (98/14 - 99/13)

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	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL		0	0	1	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	5-8	9	10	11	12	13
ARG	88	0	0	0	NR	NR	NR	NR	NR
BOL	1	6	3	3	0	0	NR	NR	NR
BRA	128	8	7	1	0	0	NR	NR	NR
CAN	NR	0	NR	NR	NR	NR	NR	NR	NR
CAR	0	5	2	1	2	0	0	0	0
CHI	4	13	6	4	0	3	0	0	NR
COL	17	28	9	10	3	1	1	1	3
COR	2	2	1	1	0	0	0	NR	NR
CUB	0	3	0	0	2	1	0	0	0
DOR	0	0	0	0	0	0	0	0	NR
ECU	0	15	7	7	1	0	0	0	NR
ELS	1	5	3	2	0	0	0	0	0
GUT	2	1	1	0	0	0	NR	NR	NR
HAI	4	0	0	0	0	0	0	0	NR
HON	2	11	4	4	1	1	0	1	0
MEX	1	49	11	22	6	9	1	NR	NR
NIC	1	3	0	0	1	0	1	0	1
PAN	0	2	2	0	0	0	0	0	NR
PAR	0	3	0	1	1	0	1	0	NR
PER	0	19	5	6	4	1	3	NR	NR
URU	5	0	0	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	19	3	8	2	0	1	3	2
TOTAL	256	192	64	70	23	16	8	5	6

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 13

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV.	%1	% Re-
					<48 hrs.	Sample+	port §
ARG	93	0.91	0	0.00	0	0	...
BOL	38	1.19	4	0.50	100	50	26.2
BRA	334	0.52	2	0.01	100	100	34.3
CAN	NR	...	NR
CAR	13	0.50	5	0.90	100	20	99.4
CHI	71	1.66	13	1.22	92	85	77.8
COL	183	1.29	34	0.96	82	82	74.2
COR	21	1.53	2	0.58	100	50	0.0
CUB	26	1.06	3	0.49	100	100	62.5
DOR	24	0.75	0	0.00	0	0	100.0
ECU	40	0.94	16	1.51	100	94	89.3
ELS	70	3.20	6	1.10	83	33	0.0
GUT	51	1.11	2	0.17	100	50	0.0
HAI	4	0.16	0	0.00	0	0	85.0
HON	48	1.95	9	1.46	100	100	84.0
MEX	383	1.16	54	0.66	85	72	...
NIC	30	1.39	5	0.93	100	100	99.8
PAN	11	1.24	1	0.45	100	100	92.3
PAR	9	0.43	3	0.56	67	33	26.9
PER	91	1.07	20	0.94	100	90	87.1
URU	10	0.77	0	0.00	0	0	...
USA	NR	...	NR
VEN	71	0.78	19	0.73	79	79	82.3
TOTAL ♦	1621	0.91	198	0.44	89	78	68.6

* Adjusted + Taken within 14 days of onset of paralysis
♦ Excluding Canada and USA NR or ... No reports received
§ Reporting data as of 20 March 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	0	0	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	7	3	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	12	3	0

CAR Includes reports from all CAREC member countries

Issues of polio surveillance bulletin can be accessed at:
<http://www.paho.org/english/svi/sviebp03.htm>

