



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 10 April 1999*

Vol. 14, No. 14

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 (98/15 - 99/14)

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	45	6	4	2	18.2	27	6	0	0	0
CAR	DOR	13	2	0	2	11.1	8	1	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	45	9	4	0	37.5	20	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	121	9	9	5	13.3	85	12	0	1	0
	PER	95	5	12	1	22.1	60	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	23	0	2	0	14.3	18	3	0	0	0
	PAN	11	2	0	0	22.2	7	2	0	0	0
INDRE	MEX	311	0	24	0	13.9	247	39	1	0	0
INH	VEN	74	5	1	0	20.6	54	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	39	0	10	4	36.0	16	6	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	43	8	2	2	9.7	28	3	0	0	0
TOTAL		1200	80	83	19	16.1	854	151	1	12	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (98/15 - 99/14)

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

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 14, No.14

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	14
ARG	88	20	5	4	1	5	1	4	0	0
BOL	1	6	3	3	0	0	0	0	NR	NR
BRA	71	25	8	9	3	1	3	0	1	0
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	5	2	1	2	0	0	0	0	0
CHI	0	16	6	4	1	3	1	0	1	0
COL	17	28	9	10	3	1	1	1	3	0
COR	2	2	1	1	0	0	0	NR	NR	NR
CUB	1	7	1	1	2	2	0	1	0	0
DOR	0	0	0	0	0	0	0	0	NR	NR
ECU	0	14	6	7	1	0	0	0	0	0
ELS	1	5	3	2	0	0	0	0	0	NR
GUT	2	1	1	0	0	0	0	0	NR	NR
HAI	4	0	0	0	0	0	0	0	NR	NR
HON	2	11	4	4	1	1	0	1	0	0
MEX	1	52	9	22	7	10	4	0	0	0
NIC	1	3	0	0	1	0	1	0	1	NR
PAN	0	2	2	0	0	0	0	0	0	0
PAR	0	3	0	1	1	0	1	0	0	0
PER	0	19	5	6	4	1	3	NR	NR	NR
URU	5	0	0	NR	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	19	3	8	2	0	1	3	2	NR
TOTAL	196	238	68	83	29	24	16	10	8	0

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 14

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	%1 Sample+	% Re- port §
ARG	94	0.92	19	0.69	0	0	...
BOL	38	1.19	4	0.47	100	50	24.1
BRA	351	0.55	22	0.13	77	32	67.5
CAN	NR	...	NR
CAR	13	0.50	5	0.84	100	20	99.4
CHI	71	1.66	16	1.39	88	81	91.9
COL	183	1.29	34	0.89	82	82	73.1
COR	21	1.53	2	0.54	100	50	0.0
CUB	27	1.10	7	1.06	100	86	65.5
DOR	24	0.75	0	0.00	0	0	100.0
ECU	40	0.94	16	1.40	100	94	89.9
ELS	70	3.20	6	1.02	83	33	...
GUT	51	1.11	2	0.16	100	50	...
HAI	4	0.16	0	0.00	0	0	78.4
HON	48	1.95	9	1.36	100	100	84.2
MEX	383	1.16	59	0.66	86	88	...
NIC	30	1.39	5	0.86	100	100	99.8
PAN	11	1.24	1	0.42	100	100	92.7
PAR	9	0.43	3	0.52	67	33	24.8
PER	91	1.07	20	0.87	100	90	80.5
URU	10	0.77	0	0.00	0	0	...
USA	NR	...	NR
VEN	71	0.78	19	0.68	79	79	82.2
TOTAL♦	1640	0.92	249	0.52	82	71	75.3

* Adjusted + Taken within 14 days of onset of paralysis
♦ Excluding Canada and USA NR or ... No reports received
§ Reporting data as of 27 March 1999

Table No. 3
CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET
AS OF WEEK 14

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
AS OF WEEK 14

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/sviebpo3.htm>

