



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 25 April 1998

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 (97/18 - 98/16)

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	9	0	2	16.7	25	5	0	0	0
CAR	DOR	10	0	0	0	40.0	6	4	0	0	0
	GUY	1	0	1	0	0.0	0	0	0	0	0
	HON	40	2	4	0	41.2	20	14	0	0	0
	JAM	1	0	0	0	100.0	0	1	0	0	0
	SUR	1	0	0	0	0.0	1	0	0	0	0
	TRT	5	0	0	2	0.0	3	0	0	0	0
CDC	ELS	1	0	0	0	100.0	0	0	0	1	0
	GUT	1	0	0	0	100.0	0	0	0	1	0
	MEX	1	0	0	0	100.0	0	0	0	1	0
FIO	BOL	50	5	9	6	23.3	23	3	0	4	0
	BRA	114	23	6	1	22.6	65	10	4	4	0
	PER	52	5	8	3	30.6	25	10	0	1	0
INC	COR	3	3	0	0	0.0	0	0	0	0	0
	ELS	48	9	0	1	23.7	29	9	0	0	0
	GUT	55	5	0	8	31.0	29	13	0	0	0
	NIC	34	0	1	1	3.1	31	1	0	0	0
	PAN	8	6	0	0	0.0	2	0	0	0	0
INDRE	MEX	384	1	21	2	21.4	283	77	0	0	0
INH	VEN	71	3	2	0	12.1	58	8	0	0	0
INS	COL	161	6	10	2	9.8	129	12	0	2	0
	ECU	53	15	0	0	10.5	34	4	0	0	0
MAL	ARG	5	0	0	5	0.0	0	0	0	0	0
	CHI	16	0	0	14	100.0	0	2	0	0	0
	PAR	4	3	0	0	0.0	1	0	0	0	0
	URU	2	1	0	0	0.0	1	0	0	0	0
REC	BRA	40	3	0	5	9.4	29	3	0	0	0
TOTAL		1202	99	62	52	19.7	794	176	4	14	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (97/18 - 98/16)

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	
FIO	BRA	0	1	0	0	0	0	0	0	1	1	1	0	4
TOTAL		0	1	0	0	0	0	0	0	1	1	1	0	4

Case samples only



Acute Flacid Paralysis Surveillance

Vol. 13, No.16

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

SITE	TOTAL	CUM.	Week							
			1997	1998	1-4	5-8	9-12	13	14	15	16
ARG	31	0	0	0	0	0	0	NR	NR	NR
BOL	4	16	5	5	5	1	0	0	NR	NR
BRA	223	45	16	15	8	5	1	0	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	9	4	2	0	1	0	0	1	0	0
CHI	3	14	1	4	5	1	2	1	0	0
COL	34	33	7	12	6	6	0	2	0	0
COR	11	0	0	0	0	0	NR	NR	NR	NR
CUB	0	7	3	1	2	0	0	1	0	0
DOR	0	4	4	0	0	0	0	0	0	0
ECU	5	11	3	6	2	0	0	0	0	0
ELS	22	11	3	4	4	NR	NR	NR	NR	NR
GUT	24	2	2	0	0	NR	NR	NR	NR	NR
HAI	0	NR	NR	NR	NR	NR	NR	NR	NR	NR
HON	0	6	0	4	2	0	0	0	0	0
MEX	26	73	17	12	26	13	4	1	0	0
NIC	0	2	0	0	1	0	1	0	0	0
PAN	8	1	0	0	0	0	0	1	0	0
PAR	2	0	0	0	0	0	0	NR	NR	NR
PER	19	6	3	3	0	0	0	0	0	0
URU	2	NR	NR	NR	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	10	0	0	5	1	1	2	1	1
TOTAL	423	246	66	66	68	27	9	9	1	1

NR - No reports received

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 16

SITE	TOTAL		CUMULATIVE				
	CASES	RATE	CASES	RATE	% INV.	%1	% Report
ARG	49	0.35	0	0.00	0	0	...
BOL	54	1.74	16	1.67	94	69	88.8
BRA	412	0.65	39	0.20	95	46	90.0
CAN	NR	...	NR	...	...	...	...
CAR	14	0.48	4	0.44	100	0	...
CHI	86	1.47	15	0.83	80	73	99.1
COL	191	1.28	42	0.91	93	88	84.9
COR	11	0.80	0	0.00	0	0	95.7
CUB	31	0.70	6	0.44	100	100	98.4
DOR	22	0.71	3	0.31	100	100	67.9
ECU	54	1.13	12	0.82	92	83	84.1
ELS	54	2.29	10	1.38	100	80	96.9
GUT	77	1.83	0	0.00	0	0	...
HAI	0	0.00	NR	...	...	...	...
HON	50	2.17	10	1.41	100	70	80.1
MEX	490	1.29	87	0.75	99	71	...
NIC	45	2.55	5	0.92	100	100	97.7
PAN	8	0.74	1	0.30	100	0	92.5
PAR	10	0.49	0	0.00	0	0	90.6
PER	88	0.90	3	0.10	100	67	88.0
URU	7	0.54	NR	...	...	...	...
USA	NR	...	NR	...	...	...	...
VEN	95	1.04	14	0.50	93	79	85.5
TOTAL♦	1848	0.95	267	0.44	96	72	87.6

* Adjusted + Taken within 14 days of onset of paralysis
 ♦ Excluding Canada and USA NR or ... No reports received

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

SITE	TOTAL	CUMULATIVE	
		1997	1998
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	CUMULATIVE	
		1997	1998
ARG	1	0	0
BOL	0	0	0
BRA	1	0	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	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	2	1	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	2	1	0
TOTAL	16	2	0

CAR Includes reports from all CAREC member countries

