



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



WORLD HEALTH ORGANIZATION

Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
ending 28 February 1998

Vol. 13, No. 8

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 (97/10 - 98/08)

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	43	4	0	7	12.5	28	4	0	0	0
CAR	DOR	17	1	3	0	23.1	10	3	0	0	0
	HON	42	3	10	0	31.0	20	9	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	2	0	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	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	50	9	8	8	24.0	19	4	1	1	0
	BRA	114	22	0	8	13.1	73	7	0	4	0
	PER	60	5	11	3	26.8	30	10	0	1	0
INC	COR	6	3	0	3	0.0	0	0	0	0	0
	ELS	44	22	0	1	23.8	16	5	0	0	0
	GUT	58	5	0	15	31.6	26	12	0	0	0
	NIC	38	0	1	5	6.3	30	2	0	0	0
	PAN	7	5	0	0	0.0	2	0	0	0	0
INDRE	MEX	399	6	27	18	19.8	279	69	0	0	0
INH	VEN	79	1	1	0	10.4	69	8	0	0	0
INS	COL	168	12	10	1	9.7	131	9	3	2	0
	ECU	53	20	0	0	6.1	31	2	0	0	0
MAL	CHI	24	0	0	16	37.5	5	3	0	0	0
	PAR	8	3	1	0	75.0	1	1	1	1	0
	URU	3	1	0	0	0.0	2	0	0	0	0
REC	BRA	66	11	0	2	11.3	47	6	0	0	0
TOTAL		1290	133	74	87	17.4	823	155	5	13	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (97/10 - 98/08)

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	
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	COL	0	0	0	3	0	0	0	0	0	0	0	0	3
	PAR	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL		1	1	0	3	0	0	0	0	0	0	0	0	5

Case samples only



Acute Flacid Paralysis Surveillance

Vol. 13, No.8

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

SITE	TOTAL	CUM.	Week					
			1997	1998	1-4	5	6	7
ARG	19	NR	NR	NR	NR	NR	NR	NR
BOL	26	4	4	0	NR	NR	NR	NR
BRA	249	0	0	NR	NR	NR	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR
CAR	9	2	2	0	0	0	0	0
CHI	27	3	2	1	0	0	0	0
COL	75	26	15	5	2	3	1	1
COR	11	NR	NR	NR	NR	NR	NR	NR
CUB	30	2	2	0	0	0	0	0
DOR	0	4	4	0	0	0	0	0
ECU	13	11	7	2	2	0	0	0
ELS	26	3	3	0	0	0	NR	NR
GUT	39	NR	NR	NR	NR	NR	NR	NR
HAI	0	NR	NR	NR	NR	NR	NR	NR
HON	7	6	4	1	1	0	0	0
MEX	75	37	29	5	3	0	0	0
NIC	6	1	1	0	0	0	0	0
PAN	8	0	0	0	0	0	NR	NR
PAR	1	0	0	0	0	NR	NR	NR
PER	26	3	3	0	0	0	0	0
URU	2	NR	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR
VEN	4	4	3	0	0	1	0	0
TOTAL	653	106	79	14	8	4	1	1

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 8

SITE	TOTAL		CUMULATIVE				
	CASES	RATE	CASES	RATE	% INV.	%1	% Report
ARG	20	0.21	NR	-	-	-	-
BOL	54	1.68	4	0.81	100	100	75.2
BRA	385	0.73	0	0.00	0	0	-
CAN	NR	-	NR	-	-	-	-
CAR	14	0.53	1	0.25	100	0	-
CHI	82	2.03	3	0.48	100	33	100.0
COL	190	1.65	21	1.19	95	90	84.3
COR	11	1.01	NR	-	-	-	-
CUB	31	1.37	1	0.29	100	100	98.0
DOR	22	0.81	3	0.72	100	100	72.0
ECU	54	1.23	8	1.19	88	88	88.3
ELS	54	2.31	2	0.56	100	100	96.9
GUT	69	1.65	NR	-	-	-	-
HAI	0	0.00	NR	-	-	-	-
HON	50	2.18	5	1.42	100	100	80.2
MEX	489	1.48	30	0.59	97	80	0.0
NIC	45	2.54	1	0.37	100	100	99.0
PAN	8	0.95	0	0.00	0	0	92.8
PAR	10	0.58	0	0.00	0	0	90.5
PER	87	0.99	0	0.00	0	0	89.2
URU	7	0.90	0	0.00	0	0	0.0
USA	NR	-	NR	-	-	-	-
VEN	95	1.26	4	0.34	100	100	85.2
TOTAL♦	1777	1.09	83	0.33	96	86	86.9

* Adjusted + Taken within 14 days of onset of paralysis

♦ Excluding Canada and USA

Table No. 3
CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET
AS OF WEEK 8

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
AS OF WEEK 8

SITE	TOTAL	CUMULATIVE	
		1997	1998
ARG	0	0	0
BOL	0	0	0
BRA	1	0	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	3	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	1	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	2	1	0
TOTAL	12	1	0

CAR Includes reports from all CAREC member countries

