



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



Vol. 13, No. 50

Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
 ending 19 December 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 (97/52 - 98/50)

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	40	8	2	4	15.4	22	4	0	0	0
CAR	DOR	18	11	0	0	0.0	7	0	0	0	0
	GUY	1	0	0	0	100.0	0	1	0	0	0
	HAI	2	0	0	0	50.0	1	1	0	0	0
	HON	44	8	6	0	43.3	17	13	0	0	0
	TRT	7	0	0	0	0.0	7	0	0	0	0
CDC	MEX	1	0	0	0	100.0	0	0	0	1	0
FIO	BOL	33	3	0	9	19.0	17	4	0	0	0
	BRA	129	24	4	6	27.4	69	26	0	0	0
	PER	94	15	7	0	23.6	55	12	0	5	0
INC	COR	7	0	2	0	20.0	4	1	0	0	0
	ELS	45	7	0	1	18.9	30	7	0	0	0
	GUT	33	0	1	0	31.3	22	9	0	1	0
	NIC	20	0	0	0	10.0	18	2	0	0	0
	PAN	7	3	0	1	0.0	3	0	0	0	0
INDRE	MEX	328	1	9	8	13.5	268	41	1	0	0
INH	VEN	64	6	1	0	22.8	44	13	0	0	0
INS	COL	165	7	13	0	12.4	127	17	0	1	0
	ECU	42	17	0	0	4.0	24	1	0	0	0
MAL	ARG	25	0	0	2	26.1	17	5	0	1	0
	PAR	8	3	0	2	66.7	1	1	0	1	0
	URU	5	0	0	0	0.0	5	0	0	0	0
REC	BRA	45	26	0	3	12.5	14	2	0	0	0
TOTAL		1163	139	45	36	18.1	772	160	1	10	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (97/52 - 98/50)

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

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 13, No.50

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

SITE	TOTAL 1997	CUM. 1998	Week																
			1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44	45	46	47	48	49	50
ARG	14	63	3	6	13	6	6	7	4	14	4	0	0	0	0	0	0	NR	
BOL	1	12	0	2	0	3	3	0	1	1	1	0	0	0	0	0	0	NR	
BRA	40	195	9	22	24	19	10	20	25	13	24	15	14	0	0	0	NR		
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
CAR	9	13	2	0	2	1	1	0	1	2	1	0	0	0	1	1	0	0	
CHI	0	14	0	0	0	0	0	0	0	0	2	1	2	0	2	0	4	3	
COL	4	78	3	6	2	4	5	8	8	5	6	9	11	3	4	4	0	NR	
COR	2	11	0	0	0	0	0	0	0	0	7	0	4	NR	NR	NR	NR	NR	
CUB	0	23	3	3	2	2	3	4	1	1	1	2	1	0	0	0	0	NR	
DOR	0	13	0	0	0	3	1	1	1	1	0	2	2	1	0	1	0	0	
ECU	0	17	0	0	0	0	0	0	5	0	8	1	1	0	0	0	2	0	
ELS	1	14	0	0	0	0	1	0	0	2	1	2	8	NR	NR	NR	NR	NR	
GUT	13	3	0	0	0	0	0	0	0	1	0	0	2	0	0	0	NR	NR	
HAI	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	NR	
HON	0	13	0	0	0	0	0	0	0	0	1	3	2	0	1	2	1	2	
MEX	1	107	3	5	1	3	1	9	9	16	11	27	15	2	3	2	0	NR	
NIC	0	4	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	
PAN	0	9	0	0	0	1	0	2	0	3	0	3	0	0	0	0	0	NR	
PAR	0	5	0	0	2	0	0	0	0	1	1	0	0	0	0	1	0	0	
PER	0	22	0	0	0	0	0	0	0	0	0	0	12	1	3	4	2	NR	
URU	0	3	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	NR	
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
VEN	0	19	0	0	0	0	0	1	0	0	1	1	6	2	0	1	4	3	
TOTAL	85	640	24	45	46	42	31	52	55	60	69	67	80	11	17	17	15	7	

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 50

SITE	TOTAL		CUMULATIVE				
	CASES 1997	RATE 1997	CASES	RATE	% INV.	%1	%
			1998	1998*	<48 hrs.	Sample+	Report
ARG	74	0.53	67	0.49	43	1	80.0
BOL	54	1.74	33	1.10	97	67	73.2
BRA	431	0.68	265	0.43	92	52	81.4
CAN	NR	...	...	NR	...	...	...
CAR	14	0.54	13	0.52	77	0	...
CHI	86	2.03	61	1.48	92	70	94.6
COL	191	1.28	163	1.13	87	85	85.4
COR	11	0.80	11	0.83	100	64	90.9
CUB	31	1.28	22	0.93	95	91	83.3
DOR	22	0.71	22	0.74	95	73	59.4
ECU	54	1.27	39	0.96	92	85	79.5
ELS	54	2.50	51	2.43	94	59	74.4
GUT	77	1.83	33	0.82	100	76	52.3
HAI	0	0.00	2	0.08	100	0	39.2
HON	50	2.06	41	1.73	100	80	81.1
MEX	490	1.49	334	1.06	86	84	87.3
NIC	45	2.39	27	1.30	100	100	98.4
PAN	8	0.90	10	1.17	90	60	91.6
PAR	10	0.48	8	0.40	100	88	69.1
PER	87	1.02	88	1.07	100	99	89.5
URU	10	0.77	8	0.64	100	75	100.0
USA	NR	...	...	NR	...	...	...
VEN	95	1.04	69	0.79	93	88	83.6
TOTAL	1894	1.04	1367	0.78	89	72	85.0

* 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 1997	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 1997	CUMULATIVE	
		1997	1998
ARG	1	0	0
BOL	0	0	0
BRA	2	2	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	5	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	5	5	0
HAI	0	0	0
HON	0	0	0
MEX	3	3	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	2	0
TOTAL	18	17	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>

