



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 24 October 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 (97/44 - 98/42)

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	35	7	0	4	12.5	21	3	0	0	0
CAR	DOR	12	4	0	0	12.5	7	1	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	38	3	1	0	41.2	20	14	0	0	0
	TRT	8	0	0	2	0.0	6	0	0	0	0
CDC	MEX	1	0	0	0	100.0	0	0	0	1	0
FIO	BOL	38	3	0	9	23.1	20	6	0	0	0
	BRA	132	37	4	3	35.2	57	30	1	0	0
	PER	69	18	10	4	29.7	26	8	0	3	0
INC	COR	1	0	0	0	0.0	1	0	0	0	0
	ELS	49	6	3	2	28.9	27	11	0	0	0
	GUT	33	0	0	2	19.4	25	6	0	0	0
	NIC	23	0	0	0	8.7	21	2	0	0	0
	PAN	9	2	1	0	0.0	6	0	0	0	0
INDRE	MEX	359	0	26	6	13.1	284	42	1	0	0
INH	VEN	59	1	3	0	20.0	44	11	0	0	0
INS	COL	168	6	9	1	13.2	132	19	0	1	0
	ECU	46	14	0	0	9.4	29	3	0	0	0
MAL	PAR	9	2	0	2	40.0	3	1	0	1	0
REC	BRA	44	22	1	3	11.1	16	2	0	0	0
TOTAL		1136	125	58	38	18.5	746	161	2	6	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (97/44 - 98/42)

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		
	BRA	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	MEX	1	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL		1	1	0	0	0	0	0	0	0	0	0	0	0	2

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	CUM.	Week																
			1997	1998	1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37	38	39	40	41	42
ARG	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NR
BOL	1	12	0	2	0	3	3	0	1	1	1	0	1	0	0	0	0	0	NR
BRA	52	162	9	19	24	20	9	16	26	17	18	4	0	0	0	0	0	0	0
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	9	9	2	0	1	1	1	0	1	2	2	0	0	0	0	0	0	0	0
CHI	0	6	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	1
COL	4	84	5	6	4	6	6	12	10	11	12	1	2	2	2	3	2	2	2
COR	2	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR	NR	NR	NR	NR
CUB	0	20	3	3	2	2	3	4	1	0	1	1	0	NR	NR	NR	NR	NR	NR
DOR	0	6	0	0	0	3	1	1	1	0	0	0	0	NR	NR	NR	NR	NR	NR
ECU	0	13	0	0	0	0	0	0	5	0	7	0	1	0	0	0	0	0	0
ELS	1	16	0	0	0	0	1	0	0	3	10	0	1	1	0	0	0	0	NR
GUT	13	10	0	0	1	1	1	1	3	3	0	0	0	0	0	0	0	0	0
HAI	0	2	1	1	0	0	0	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
HON	0	5	0	0	0	0	0	0	0	1	3	0	1	0	0	0	0	0	0
MEX	1	93	3	5	1	6	2	9	11	21	12	5	5	7	5	1	0	0	0
NIC	0	6	0	0	0	0	0	0	0	0	2	1	0	1	1	1	0	0	0
PAN	0	9	0	0	0	1	0	2	0	3	0	1	2	0	0	0	0	0	0
PAR	0	4	0	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0
PER	0	32	0	1	1	1	2	1	1	2	12	3	5	1	2	0	0	0	NR
URU	0	2	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	22	0	0	0	1	1	3	3	3	4	1	1	2	1	2	0	0	0
TOTAL	126	514	23	37	37	45	30	49	63	69	89	17	19	14	12	7	3	3	3

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 42

SITE	TOTAL		CUMULATIVE				
	CASES	RATE	CASES	RATE	% INV.	% I	%
			1998	1998*	<48 hrs.	Sample+	Report
ARG	49	0.35	0	0.00	0	0	0.0
BOL	54	1.74	33	1.31	97	67	78.8
BRA	431	0.68	207	0.40	94	57	76.8
CAN	NR	...	NR
CAR	14	0.48	10	0.42	100	0	...
CHI	86	2.03	48	1.39	92	83	90.5
COL	191	1.28	141	1.17	89	87	86.2
COR	11	0.80	0	0.00	0	0	55.3
CUB	31	1.28	19	0.95	95	95	80.4
DOR	22	0.71	11	0.44	91	100	59.3
ECU	54	1.27	35	1.02	91	83	75.2
ELS	54	2.50	42	2.38	93	55	78.3
GUT	77	1.83	23	0.68	100	74	54.2
HAI	0	0.00	2	0.10	100	0	41.2
HON	50	2.06	27	1.36	100	85	78.7
MEX	490	1.49	304	1.15	88	84	88.6
NIC	45	2.39	22	1.27	100	100	98.5
PAN	8	0.90	9	1.25	89	56	91.7
PAR	10	0.48	7	0.41	100	86	74.4
PER	87	1.02	57	0.83	100	98	80.4
URU	10	0.77	5	0.48	100	0	...
USA	NR	...	NR
VEN	95	1.04	54	0.73	94	89	85.3
TOTAL♦	1869	1.01	1056	0.71	92	77	83.9

* 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	0	0	0
BOL	0	0	0
BRA	2	2	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	3	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	17	15	0

CAR Includes reports from all CAREC member countries

