



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



Vol. 13, No. 40

Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
 ending 10 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 (97/42 - 98/40)

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	36	3	2	1	10.0	27	3	0	0	0
CAR	DOR	13	6	0	0	14.3	6	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	39	8	2	0	31.0	20	9	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	41	3	2	7	20.7	23	6	0	0	0
	BRA	134	22	6	1	35.2	68	34	1	2	0
	PER	69	14	9	3	30.2	30	10	0	3	0
INC	COR	1	0	0	0	0.0	1	0	0	0	0
	ELS	49	6	5	0	28.9	27	11	0	0	0
	GUT	37	0	1	3	18.2	27	6	0	0	0
	NIC	23	1	0	0	9.1	20	2	0	0	0
	PAN	9	2	1	0	0.0	6	0	0	0	0
INDRE	MEX	363	1	25	4	13.2	289	43	1	0	0
INH	VEN	61	4	2	0	21.8	43	12	0	0	0
INS	COL	161	6	10	0	14.5	124	19	0	2	0
	ECU	45	13	0	0	9.4	29	3	0	0	0
MAL	PAR	9	2	0	2	40.0	3	1	0	1	0
REC	BRA	38	19	2	0	11.8	15	2	0	0	0
TOTAL		1140	110	67	23	18.6	765	164	2	9	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (97/42 - 98/40)

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
ARG	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOL	1	12	0	2	0	3	3	0	1	1	1	0	1	0	0	
BRA	50	152	9	18	23	19	10	14	27	14	17	1	0	0	NR	
CAN	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	
CHI	0	8	0	0	0	0	0	0	2	2	4	0	0	0	0	
COL	4	72	5	6	4	6	6	12	10	10	11	0	1	0	1	
COR	2	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR	
CUB	0	20	3	3	2	2	3	4	1	0	1	1	0	NR	NR	
DOR	0	6	0	0	0	3	1	1	1	0	0	0	NR	NR	NR	
ECU	0	12	0	0	0	0	0	0	5	0	7	0	0	0	NR	
ELS	1	16	0	0	0	0	1	0	0	3	10	0	1	1	0	
GUT	13	9	0	0	1	1	1	1	3	2	0	0	0	0	NR	
HAI	0	2	1	1	0	0	0	0	NR	NR	NR	NR	NR	NR	NR	
HON	0	10	0	0	0	0	0	0	1	4	4	0	1	0	NR	
MEX	1	94	4	5	3	7	2	11	13	29	13	3	2	2	0	
NIC	0	6	0	0	0	0	0	0	0	0	3	1	0	1	1	
PAN	0	9	0	0	0	1	0	2	0	3	0	1	2	0	NR	
PAR	0	4	0	0	2	0	0	0	0	1	1	0	0	0	0	
PER	0	26	0	1	1	1	2	1	1	1	12	2	4	0	NR	
URU	0	2	0	0	0	0	0	0	0	0	1	0	0	0	1	
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
VEN	0	23	0	0	0	1	1	4	3	4	6	1	1	2	0	
TOTAL	124	493	24	36	38	45	31	50	69	76	92	10	13	6	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 40

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	1.38	97	67	80.9
BRA	430	0.67	195	0.40	94	57	58.6
CAN	NR	...	NR
CAR	14	0.48	10	0.44	100	0	...
CHI	86	2.03	46	1.40	91	87	99.4
COL	191	1.28	129	1.12	90	88	86.2
COR	11	0.80	0	0.00	0	0	61.6
CUB	31	1.28	19	1.00	95	95	82.5
DOR	22	0.71	11	0.46	91	100	62.5
ECU	54	1.27	34	1.04	94	82	77.0
ELS	54	2.50	42	2.50	93	55	80.5
GUT	77	1.83	22	0.68	100	77	58.3
HAI	0	0.00	2	0.10	100	0	43.5
HON	50	2.06	25	1.32	100	80	82.9
MEX	490	1.49	284	1.13	89	83	88.2
NIC	45	2.39	21	1.27	100	100	98.4
PAN	8	0.90	9	1.32	89	56	91.7
PAR	10	0.48	7	0.43	100	86	76.4
PER	87	1.02	51	0.78	100	98	82.7
URU	10	0.77	5	0.50	100	0	...
USA	NR	...	NR
VEN	95	1.04	51	0.73	96	90	85.4
TOTAL♦	1868	1.01	996	0.70	93	77	81.6

* 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
AS OF WEEK 40

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 40

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

