



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



Vol. 13, No. 43

Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
 ending 31 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 (97/45 - 98/43)

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	33	7	0	4	13.6	19	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	39	7	1	0	45.2	17	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	123	37	4	3	34.2	52	27	0	0	0
	PER	73	4	20	4	26.7	33	9	0	3	0
INC	COR	1	0	0	0	0.0	1	0	0	0	0
	ELS	59	7	1	0	21.6	40	11	0	0	0
	GUT	30	0	0	1	17.2	24	5	0	0	0
	NIC	21	0	0	0	9.5	19	2	0	0	0
	PAN	9	2	1	0	0.0	6	0	0	0	0
INDRE	MEX	359	2	21	7	12.5	288	40	1	0	0
INH	VEN	61	3	4	0	20.4	43	11	0	0	0
INS	COL	168	3	11	2	12.5	133	18	0	1	0
	ECU	44	14	0	0	10.0	27	3	0	0	0
MAL	PAR	9	2	0	2	40.0	3	1	0	1	0
REC	BRA	42	22	1	3	6.3	15	1	0	0	0
TOTAL		1133	117	64	37	17.6	754	154	1	6	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (97/45 - 98/43)

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

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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	38	39	40	41	42	43	
ARG	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NR	NR
BOL	1	12	0	2	0	3	3	0	1	1	1	0	1	0	0	0	0	NR	NR
BRA	52	162	9	19	24	20	9	16	26	17	18	4	0	0	0	0	0	NR	NR
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	NR
CHI	0	9	0	0	0	0	0	0	0	1	4	0	0	1	1	0	2	0	NR
COL	4	86	5	6	4	6	6	12	10	11	12	1	2	4	2	2	3	0	NR
COR	2	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR	NR	NR	NR	NR
CUB	0	22	3	3	2	2	3	4	1	1	1	1	1	0	0	0	0	0	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	NR
ELS	1	14	0	0	0	0	1	0	0	2	1	0	0	1	1	2	4	2	NR
GUT	13	10	0	0	1	1	1	1	3	3	0	0	0	0	0	0	0	0	NR
HAI	0	2	1	1	0	0	0	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
HON	0	8	0	0	0	0	0	0	0	0	4	0	1	1	1	0	1	0	NR
MEX	1	93	3	5	1	3	1	9	10	17	11	6	5	9	8	2	2	1	NR
NIC	0	6	0	0	0	0	0	0	0	0	2	1	0	1	1	1	0	0	NR
PAN	0	9	0	0	0	1	0	2	0	3	0	1	2	0	0	0	0	0	NR
PAR	0	4	0	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	NR
PER	0	29	0	1	1	1	2	1	1	2	4	3	5	1	3	0	2	2	NR
URU	0	2	0	0	0	0	0	0	0	0	1	0	0	0	1	0	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	24	0	0	0	1	1	3	3	2	4	1	1	2	1	2	0	3	NR
TOTAL	126	521	23	37	37	42	29	49	62	63	72	18	19	20	19	9	14	8	NR

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 43

SITE	TOTAL		CUMULATIVE				
	CASES 1997	RATE 1997	CASES 1998	RATE 1998*	% INV. <48 hrs.	%1 Sample+	% Report
ARG	49	0.35	0	0.00	0	0	0.0
BOL	54	1.74	33	1.28	97	67	75.0
BRA	431	0.68	207	0.39	94	57	82.5
CAN	NR	...	NR
CAR	14	0.48	10	0.41	100	0	...
CHI	86	2.03	51	1.44	92	82	92.0
COL	191	1.28	143	1.16	88	87	85.9
COR	11	0.80	0	0.00	0	0	52.6
CUB	31	1.28	21	1.03	95	90	85.9
DOR	22	0.71	11	0.43	91	100	56.4
ECU	54	1.27	35	1.00	91	83	73.3
ELS	54	2.50	51	2.82	94	59	74.4
GUT	77	1.83	23	0.66	100	74	52.3
HAI	0	0.00	2	0.09	100	0	39.2
HON	50	2.06	31	1.52	100	77	82.8
MEX	490	1.49	315	1.16	87	83	88.8
NIC	45	2.39	22	1.24	100	100	98.5
PAN	8	0.90	9	1.23	89	56	91.8
PAR	10	0.48	7	0.40	100	86	70.8
PER	87	1.02	62	0.88	100	98	76.3
URU	10	0.77	5	0.47	100	0	...
USA	NR	...	NR
VEN	95	1.04	57	0.76	95	88	85.4
TOTAL♦	1869	1.01	1095	0.72	92	77	84.2

* 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 43

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
AS OF WEEK 43

SITE	TOTAL 1997	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

Issues of polio surveillance bulletin can be accessed at:
<http://www.paho.org/english/svi/sviebpo3.htm>

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