



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



Vol. 13, No. 45

Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
 ending 14 November 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 (97/47 - 98/45)

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	41	8	1	4	17.9	23	5	0	0	0
CAR	DOR	13	5	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	35	7	1	0	48.1	14	13	0	0	0
	TRT	8	0	0	0	0.0	8	0	0	0	0
CDC	MEX	1	0	0	0	100.0	0	0	0	1	0
FIO	BOL	37	3	0	9	24.0	19	6	0	0	0
	BRA	138	29	11	7	28.6	65	26	0	0	0
	PER	83	16	20	4	25.6	32	8	0	3	0
INC	COR	8	0	2	0	16.7	5	1	0	0	0
	ELS	57	7	1	0	22.4	38	11	0	0	0
	GUT	36	0	1	0	31.4	24	10	0	1	0
	NIC	19	1	0	0	11.1	16	2	0	0	0
	PAN	9	3	1	0	0.0	5	0	0	0	0
INDRE	MEX	361	1	15	6	12.1	298	40	1	0	0
INH	VEN	62	3	5	0	24.1	41	13	0	0	0
INS	COL	169	2	13	1	13.1	133	19	0	1	0
	ECU	45	15	0	0	10.0	27	3	0	0	0
MAL	ARG	27	0	0	3	25.0	18	5	0	1	0
	PAR	9	2	0	2	40.0	3	1	0	1	0
	URU	5	0	0	0	0.0	5	0	0	0	0
REC	BRA	48	26	0	4	11.1	16	2	0	0	0
TOTAL		1214	128	71	40	18.2	798	168	1	8	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (97/47 - 98/45)

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.45

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	42	43	44	45
ARG	14	63	3	6	13	6	6	7	4	15	3	0	0	NR	NR	NR	NR
BOL	1	12	0	2	0	3	3	0	1	1	1	1	0	0	0	0	NR
BRA	40	196	9	22	24	19	11	20	27	15	23	15	4	5	2	0	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NR
CHI	0	8	0	0	0	0	0	0	0	1	3	2	0	2	0	NR	NR
COL	4	78	4	6	3	4	5	9	8	10	8	9	2	4	3	1	2
COR	2	11	0	0	0	0	0	0	0	0	7	0	0	4	0	0	NR
CUB	0	22	3	3	2	2	3	4	1	1	1	2	0	0	0	NR	NR
DOR	0	8	0	0	0	3	1	1	1	0	0	0	2	0	1	0	NR
ECU	0	14	0	0	0	0	0	0	5	0	7	1	0	0	0	1	NR
ELS	1	14	0	0	0	0	1	0	0	2	1	2	2	4	2	NR	NR
GUT	13	3	0	0	0	0	0	0	0	1	0	0	0	0	1	1	NR
HAI	0	2	1	1	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR
HON	0	8	0	0	0	0	0	0	0	0	4	3	0	1	0	0	0
MEX	1	99	3	5	1	3	1	9	10	16	11	29	4	5	2	0	NR
NIC	0	6	0	0	0	0	0	0	0	0	0	3	1	0	1	0	1
PAN	0	9	0	0	0	1	0	2	0	3	0	3	0	0	0	0	NR
PAR	0	4	0	0	2	0	0	0	0	1	1	0	0	0	0	NR	NR
PER	0	40	0	1	1	1	2	1	1	2	4	12	1	6	5	3	0
URU	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	20	0	0	0	1	0	1	1	1	2	5	2	1	4	0	2
TOTAL	85	628	25	46	48	44	34	54	60	71	77	88	18	32	20	6	5

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 45

SITE	TOTAL		CUMULATIVE				
	CASES 1997	RATE 1997	CASES 1998	RATE 1998*	% INV.		
					<48 hrs.	% 1 Sample+	%
ARG	74	0.53	67	0.55	42	1	80.8
BOL	54	1.74	33	1.23	97	67	94.1
BRA	431	0.68	259	0.47	92	53	76.1
CAN	NR	...	NR
CAR	14	0.48	10	0.40	100	0	0.0
CHI	86	2.03	51	1.38	92	82	100.0
COL	191	1.28	150	1.16	86	86	89.5
COR	11	0.80	11	0.92	100	64	91.1
CUB	31	1.28	21	0.98	95	90	99.4
DOR	22	0.71	14	0.52	93	79	75.8
ECU	54	1.27	36	0.98	92	83	81.4
ELS	54	2.50	51	2.70	94	59	86.1
GUT	77	1.83	33	0.91	100	76	85.3
HAI	0	0.00	2	0.09	00	00	...
HON	50	2.06	31	1.45	100	77	89.9
MEX	490	1.49	323	1.14	86	84	91.6
NIC	45	2.39	24	1.29	100	100	100.0
PAN	8	0.90	10	1.30	90	60	88.4
PAR	10	0.48	7	0.38	100	86	91.1
PER	87	1.02	73	0.99	100	99	99.0
URU	10	0.77	5	0.45	100	100	0.0
USA	NR	...	NR
VEN	95	1.04	61	0.77	92	89	84.9
TOTAL♦	1894	1.03	1272	0.79	89	72	88.8

* 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	AS OF WEEK 45		
	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	AS OF WEEK 45		
	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	4	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	16	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>