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 PAN AMERICAN HEALTH SANITARY BUREAU REGIONAL OFFICE OF
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WORLD HEALTH ORGANIZATION



Vol. 13, No. 46

Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
Ending 21 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 (97/48 - 98/46)

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	1	4	18.5	22	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	36	7	1	0	46.4	15	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	34	3	0	9	22.7	17	5	0	0	0
	BRA	135	29	11	7	28.4	63	25	0	0	0
	PER	80	16	20	4	27.5	29	8	0	3	0
INC	COR	8	0	2	0	16.7	5	1	0	0	0
	ELS	55	7	1	0	21.3	37	10	0	0	0
	GUT	36	0	1	0	31.4	24	10	0	1	0
	NIC	18	1	0	0	11.8	15	2	0	0	0
	PAN	8	3	1	0	0.0	4	0	0	0	0
INDRE	MEX	353	1	15	6	12.1	291	39	1	0	0
INH	VEN	61	1	3	0	22.8	44	13	0	0	0
INS	COL	166	2	12	2	13.3	130	19	0	1	0
	ECU	44	15	0	0	6.9	27	2	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	47	26	0	4	11.8	15	2	0	0	0
TOTAL		1187	126	68	41	18.1	780	163	1	8	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (97/48 - 98/46)

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.46

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	46
ARG	14	63	3	6	13	6	6	7	4	15	3	0	0	NR	NR	NR	NR	NR
BOL	1	12	0	2	0	3	3	0	1	1	1	0	0	0	0	0	0	NR
BRA	40	196	9	22	24	19	11	20	27	15	23	15	4	5	2	0	NR	NR
CAN	0	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	9	10	2	0	2	1	1	0	1	2	1	0	0	0	0	0	NR	NR
CHI	0	8	0	0	0	0	0	0	0	1	3	2	0	2	0	0	0	0
COL	4	78	4	6	3	4	5	9	8	10	8	9	2	4	3	1	2	0
COR	2	11	0	0	0	0	0	0	0	0	7	0	0	4	0	0	NR	NR
CUB	0	22	3	3	2	2	3	4	1	1	1	2	0	0	0	NR	NR	NR
DOR	0	8	0	0	0	3	1	1	1	0	0	0	2	0	0	0	NR	NR
ECU	0	14	0	0	0	0	0	0	5	0	7	1	0	0	0	1	0	0
ELS	1	14	0	0	0	0	1	0	0	2	1	2	2	4	2	NR	NR	NR
GUT	13	3	0	0	0	0	0	0	0	1	0	0	0	0	1	1	NR	NR
HAI	0	2	1	1	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR
HON	0	8	0	0	0	0	0	0	0	0	4	3	0	1	0	0	0	0
MEX	1	99	3	5	1	3	1	9	10	16	11	29	4	5	2	0	NR	NR
NIC	0	6	0	0	0	0	0	0	0	0	0	2	1	0	1	0	1	1
PAN	0	9	0	0	0	1	0	2	0	3	0	3	0	0	0	0	0	0
PAR	0	4	0	0	2	0	0	0	0	1	1	0	0	0	0	NR	NR	NR
PER	0	40	0	1	1	1	2	1	1	2	4	12	1	6	5	3	0	NR
URU	0	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
USA	0	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	18	0	0	0	1	0	1	0	1	2	4	2	1	4	0	2	0
TOTAL	85	629	25	46	48	44	34	54	59	71	77	86	18	32	20	6	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 46

SITE	TOTAL		CUMULATIVE				
	CASES 1997	RATE 1997	CASES 1998	RATE 1998*	% INV.	%1	%
					<48 hrs.	Sample+	Report
ARG	74	0.53	67	0.54	42	1	80.0
BOL	54	1.74	33	1.20	97	67	73.2
BRA	431	0.68	259	0.46	92	53	78.8
CAN	NR	...	NR
CAR	14	0.48	10	0.39	100	0	...
CHI	86	2.03	51	1.35	92	82	92.2
COL	191	1.28	150	1.13	86	86	85.5
COR	11	0.80	11	0.90	100	64	90.9
CUB	31	1.28	21	0.96	95	90	81.9
DOR	22	0.71	14	0.51	93	79	58.4
ECU	54	1.27	36	0.96	92	83	76.1
ELS	54	2.50	51	2.64	94	59	74.4
GUT	77	1.83	33	0.89	100	76	52.3
HAI	0	0.00	2	0.09	00	00	39.2
HON	50	2.06	31	1.42	100	81	80.2
MEX	490	1.49	323	1.11	86	84	87.3
NIC	45	2.39	25	1.31	100	100	98.4
PAN	8	0.90	10	1.27	90	60	91.7
PAR	10	0.48	7	0.38	100	86	69.1
PER	87	1.02	73	0.97	100	99	81.7
URU	10	0.77	8	0.70	100	75	100.0
USA	NR	...	NR
VEN	95	1.04	61	0.76	92	90	83.5
Total♦	1894	1.03	1276	0.78	89	72	83.5

* 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	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>

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