



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



Division of Vaccines and Immunization
Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
 ending 18 September 1999

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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 (98/38 - 99/37)

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	48	8	3	14	17.4	19	4	0	0	0
CAR	DOR	13	1	1	2	11.1	8	1	0	0	0
	GUY	3	0	0	0	0.0	3	0	0	0	0
	HON	40	2	2	0	19.4	29	7	0	0	0
	JAM	3	1	0	0	0.0	2	0	0	0	0
	SUR	1	1	0	0	0.0	0	0	0	0	0
	TRT	9	1	1	0	14.3	6	1	0	0	0
CDC	GUT	1	0	0	0	100.0	0	0	0	1	0
	MEX	3	0	0	0	100.0	0	0	0	3	0
	NIC	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	35	2	3	9	19.0	17	4	0	0	0
	BRA	104	20	3	7	25.7	55	17	0	2	0
	PER	121	9	4	5	26.2	76	24	0	3	0
INC	COR	16	8	0	1	14.3	6	1	0	0	0
	ELS	71	16	1	0	5.6	51	2	0	1	0
	GUT	44	0	2	1	7.3	38	1	0	2	0
	NIC	32	0	0	0	15.6	27	5	0	0	0
	PAN	10	4	0	4	0.0	2	0	0	0	0
INDRE	MEX	285	1	31	3	7.2	232	16	2	0	0
INH	VEN	88	5	6	0	11.7	68	9	0	0	0
INS	COL	166	4	20	0	12.7	124	16	0	2	0
	ECU	39	4	0	1	23.5	26	8	0	0	0
MAL	ARG	66	0	6	0	25.0	45	12	0	3	0
	PAR	12	2	1	0	55.6	4	5	0	0	0
	URU	5	0	0	1	0.0	4	0	0	0	0
REC	BRA	57	22	1	10	12.5	21	3	0	0	0
TOTAL		1274	111	85	58	15.4	863	136	2	19	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (98/38 - 99/37)

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	0	1	1	0	0	0	0	0	0	0	0	0	2
TOTAL		0	1	1	0	0	0	0	0	0	0	0	0	2

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 14, No.37

Table No. 1
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1998	CUM. 1999	Weeks												
			1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33	34	35	36	37
ARG	88	72	7	5	15	4	4	11	7	10	1	1	3	2	2
BOL	0	14	1	1	0	3	4	3	0	0	1	1	0	0	0
BRA	30	147	7	15	17	19	19	18	25	22	4	1	0	0	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	15	2	3	2	1	2	0	0	2	1	1	1	0	0
CHI	0	25	2	2	2	1	2	2	7	1	2	2	1	1	0
COL	2	28	0	1	0	0	0	2	2	8	3	7	4	1	0
COR	2	8	1	1	3	0	1	0	2	0	NR	NR	NR	NR	NR
CUB	1	13	2	1	6	2	0	0	1	1	0	0	0	NR	NR
DOR	0	3	0	0	0	0	0	0	3	0	NR	NR	NR	NR	NR
ECU	0	5	0	0	0	0	0	1	0	3	0	0	1	0	0
ELS	1	19	0	0	0	0	0	0	3	12	2	2	0	NR	NR
GUT	0	7	0	0	0	0	1	4	0	1	0	1	0	0	0
HAI	0	0	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR
HON	0	7	0	0	1	0	0	0	3	2	0	1	0	0	0
MEX	0	100	0	1	4	1	2	14	17	37	7	4	8	4	1
NIC	0	5	0	0	1	0	0	0	0	3	0	0	0	1	0
PAN	0	9	2	0	0	1	0	2	1	2	1	0	0	0	0
PAR	0	4	0	0	0	0	2	0	1	0	0	1	0	0	0
PER	0	17	0	0	0	0	1	3	4	8	0	1	0	0	0
URU	3	2	0	0	0	0	1	0	1	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	12	0	0	0	0	0	0	0	2	0	2	2	3	3
TOTAL	127	512	24	30	51	32	39	60	77	114	22	25	20	12	6

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 37

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	% I Sample+	% Re- port §
ARG	93	0.91	74	1.01	89	58	90.3
BOL	38	1.19	30	1.33	73	67	81.0
BRA	367	0.58	171	0.38	84	52	60.3
CAN	NR	...	NR
CAR	13	0.50	15	0.95	80	53	96.5
CHI	71	1.66	48	1.58	92	67	99.9
COL	184	1.30	129	1.28	79	79	85.6
COR	21	1.53	8	0.82	75	63	37.1
CUB	27	1.10	13	0.74	100	92	56.2
DOR	24	0.75	4	0.18	100	0	82.8
ECU	40	0.94	35	1.16	100	91	74.5
ELS	71	3.25	47	3.02	96	74	0.0
GUT	51	1.11	39	1.20	100	51	28.2
HAI	4	0.16	0	0.00	0	0	85.8
HON	48	1.95	22	1.25	100	100	84.4
MEX	383	1.16	227	0.97	92	78	94.5
NIC	30	1.39	25	1.63	100	100	99.7
PAN	11	1.24	8	1.27	75	88	86.5
PAR	9	0.43	10	0.66	70	80	85.6
PER	91	1.07	80	1.32	100	100	91.1
URU	10	0.77	2	0.22	100	50	...
USA	NR	...	NR
VEN	71	0.78	70	0.95	81	91	81.0
TOTAL ♦	1657	0.93	1057	0.83	89	74	85.9

* Adjusted + Taken within 14 days of onset of paralysis
♦ Excluding Canada and USA NR or ... No reports received
§ Reporting data as of 4 September 1999

Table No. 3
CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1998	CUMULATIVE	
		1998	1999
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 1998	CUMULATIVE	
		1998	1999
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	7	6	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	5	4	1
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	12	10	2

CAR Includes reports from all CAREC member countries

Issues of polio surveillance bulletin can be accessed at:
http://www.paho.org/english/hvp/hvp_pol_bul.htm

