



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 7 August 1999*

Vol. 14, No. 31

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 (98/32 - 99/31)

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	51	10	4	13	25.0	18	6	0	0	0
CAR	DOR	14	1	3	1	11.1	8	1	0	0	0
	GUY	3	0	0	0	0.0	3	0	0	0	0
	HON	43	1	0	0	23.8	32	10	0	0	0
	JAM	3	1	0	0	0.0	2	0	0	0	0
	TRT	8	0	2	0	16.7	5	1	0	0	0
CDC	GUT	1	0	0	0	100.0	0	0	0	1	0
	MEX	1	0	0	0	100.0	0	0	0	1	0
	NIC	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	33	9	3	4	0.0	17	0	0	0	0
	BRA	124	17	7	6	21.3	74	19	0	1	0
	PER	130	12	8	1	22.9	84	22	0	3	0
INC	COR	16	8	0	1	14.3	6	1	0	0	0
	ELS	65	7	3	0	9.1	50	4	0	1	0
	GUT	36	0	2	1	24.2	25	6	0	2	0
	NIC	33	1	6	0	7.7	24	2	0	0	0
	PAN	9	1	4	0	0.0	4	0	0	0	0
INDRE	MEX	266	1	19	1	9.8	221	20	4	0	0
INH	VEN	80	4	4	0	12.5	63	9	0	0	0
INS	COL	155	4	10	0	12.8	123	16	0	2	0
	ECU	45	3	5	0	24.3	28	9	0	0	0
MAL	ARG	60	0	6	0	29.6	38	12	0	4	0
	CHI	4	0	0	0	50.0	2	2	0	0	0
	PAR	12	1	1	0	50.0	5	5	0	0	0
	URU	6	0	0	1	0.0	5	0	0	0	0
REC	BRA	47	12	8	8	5.3	18	1	0	0	0
TOTAL		1247	93	95	37	16.3	855	146	4	17	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (98/32 - 99/31)

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.31

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	26	27	28	29	30	31
ARG	88	55	7	5	15	4	5	10	0	0	3	3	3	0	0
BOL	1	21	1	1	0	7	7	3	0	1	1	0	0	0	NR
BRA	40	125	8	16	18	21	19	18	7	4	4	6	4	0	0
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	12	2	3	2	1	2	0	0	0	0	0	2	0	0
CHI	0	23	2	2	2	2	4	2	1	2	5	1	0	0	0
COL	4	33	1	2	0	1	5	7	2	3	5	4	3	0	0
COR	2	8	1	1	3	0	1	0	1	1	0	0	0	NR	NR
CUB	1	10	2	1	5	2	0	0	0	0	0	0	0	0	0
DOR	0	3	0	0	0	0	0	0	1	0	0	2	0	0	NR
ECU	0	8	0	0	0	0	1	4	0	0	0	0	0	2	1
ELS	1	16	0	0	0	1	0	0	1	5	1	4	4	0	0
GUT	0	11	0	1	0	0	2	6	0	2	0	0	0	NR	NR
HAI	0	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR
HON	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0
MEX	0	66	0	2	7	6	12	19	1	6	6	2	3	0	2
NIC	0	11	0	0	1	0	0	7	1	1	0	1	0	0	0
PAN	0	6	2	0	0	1	0	2	0	0	1	0	0	0	NR
PAR	0	3	0	0	0	0	2	0	0	1	0	0	0	0	0
PER	0	22	0	0	0	0	1	8	0	2	5	2	2	1	1
URU	3	2	0	0	0	0	1	0	0	0	0	1	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	8	0	0	0	0	0	1	1	0	1	4	1	0	NR
TOTAL	140	445	26	35	54	46	62	87	16	28	32	30	22	3	4

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 31

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	%1 Sample+	% Re- port §
ARG	93	0.91	57	0.93	88	61	88.7
BOL	38	1.19	27	1.42	74	70	10.1
BRA	365	0.57	141	0.37	84	54	54.9
CAN	NR	...	...	NR	...	...	...
CAR	13	0.50	12	0.91	83	50	99.3
CHI	71	1.66	41	1.61	90	78	99.9
COL	184	1.30	99	1.17	76	81	85.8
COR	21	1.53	8	0.97	75	63	46.4
CUB	27	1.10	10	0.68	100	90	61.0
DOR	24	0.75	4	0.21	100	0	96.5
ECU	40	0.94	34	1.34	100	91	83.5
ELS	70	3.20	34	2.61	94	59	48.1
GUT	52	1.14	26	0.95	100	35	0.0
HAI	4	0.16	0	0.00	0	0	74.5
HON	48	1.95	16	1.09	100	100	85.3
MEX	383	1.16	152	0.77	89	86	94.2
NIC	30	1.39	21	1.64	100	100	99.7
PAN	11	1.24	5	0.94	80	80	85.0
PAR	9	0.43	9	0.71	67	78	85.6
PER	91	1.07	74	1.45	100	100	86.9
URU	10	0.77	2	0.26	100	50	0.0
USA	NR	...	...	NR	...	...	...
VEN	71	0.78	51	0.83	82	92	82.7
TOTAL ♦	1655	0.93	823	0.77	88	76	84.3

* Adjusted + Taken within 14 days of onset of paralysis
♦ Excluding Canada and USA NR or ... No reports received
§ Reporting data as of 24 July 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	5	0
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	9	1

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

