



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 4 September 1999*

Vol. 14, No. 35

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 (98/36 - 99/35)

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	49	8	6	14	23.8	16	5	0	0	0
CAR	DOR	14	1	1	2	10.0	9	1	0	0	0
	GUY	3	0	0	0	0.0	3	0	0	0	0
	HON	41	1	4	0	22.2	28	8	0	0	0
	JAM	3	1	0	0	0.0	2	0	0	0	0
	TRT	8	1	0	0	14.3	6	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	34	2	3	7	18.2	18	4	0	0	0
	BRA	109	18	5	7	24.1	60	17	0	2	0
	PER	130	9	8	1	25.0	84	25	0	3	0
INC	COR	16	8	0	1	14.3	6	1	0	0	0
	ELS	72	16	1	0	5.5	52	2	0	1	0
	GUT	51	0	2	1	16.7	40	6	0	2	0
	NIC	33	0	3	0	13.3	26	4	0	0	0
	PAN	12	4	0	4	0.0	4	0	0	0	0
INDRE	MEX	285	1	29	1	8.7	232	18	2	0	0
INH	VEN	82	5	4	0	12.3	64	9	0	0	0
INS	COL	153	4	6	0	12.6	125	16	0	2	0
	ECU	40	4	0	1	22.9	27	8	0	0	0
MAL	ARG	64	0	8	0	28.6	40	12	0	4	0
	CHI	1	0	0	0	100.0	0	1	0	0	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	46	14	3	6	13.0	20	3	0	0	0
TOTAL		1267	99	84	46	16.2	870	146	2	18	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (98/36 - 99/35)

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

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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	30	31	32	33	34	35
ARG	88	67	7	5	15	4	5	10	7	3	3	3	1	0	1	3
BOL	0	12	1	1	0	3	4	3	0	0	0	0	0	0	0	0
BRA	40	134	8	16	18	21	19	18	23	5	1	0	4	1	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	13	2	3	2	1	2	0	0	2	0	0	0	1	0	0
CHI	0	23	2	2	2	1	2	2	7	0	0	0	0	2	2	1
COL	2	19	0	1	0	0	1	3	3	0	1	2	6	1	1	NR
COR	2	8	1	1	3	0	1	0	2	0	0	NR	NR	NR	NR	NR
CUB	1	13	2	1	6	2	0	0	1	0	1	0	0	0	0	0
DOR	0	3	0	0	0	0	0	0	3	0	0	NR	NR	NR	NR	NR
ECU	0	5	0	0	0	0	0	1	0	0	2	1	0	0	0	1
ELS	1	19	0	0	0	0	0	0	3	7	2	1	2	2	2	0
GUT	0	7	0	0	0	0	1	4	0	0	1	0	0	0	1	0
HAI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NR	NR
HON	0	5	0	0	1	0	0	0	2	0	1	0	1	0	0	0
MEX	0	89	0	1	4	2	4	15	19	14	10	8	7	5	0	NR
NIC	0	6	0	0	1	0	0	0	2	2	1	0	0	0	0	0
PAN	0	9	2	0	0	1	0	2	1	0	1	1	0	1	0	0
PAR	0	4	0	0	0	0	2	0	1	0	0	0	0	0	1	0
PER	0	17	0	0	0	0	1	3	4	2	1	2	3	0	1	0
URU	3	2	0	0	0	0	1	0	1	NR	NR	NR	NR	NR	NR	NR
USA	NR	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	0	4	1	2	2	2	1
TOTAL	137	467	25	31	52	35	43	61	79	35	29	19	26	15	11	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 35

SITE	TOTAL		CUMULATIVE				
	1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	% 1 Sample+	% Re-port §
ARG	93	0.91	69	1.00	88	58	89.8
BOL	38	1.19	28	1.31	75	68	85.4
BRA	367	0.58	151	0.35	84	53	63.9
CAN	NR	...	NR
CAR	13	0.50	13	0.87	85	54	96.4
CHI	71	1.66	46	1.60	91	70	99.9
COL	184	1.30	116	1.21	78	78	85.7
COR	21	1.53	8	0.86	75	63	39.3
CUB	27	1.10	13	0.78	100	92	59.6
DOR	24	0.75	4	0.19	100	0	87.8
ECU	40	0.94	35	1.23	100	91	76.2
ELS	71	3.25	47	3.20	96	74	...
GUT	51	1.11	39	1.27	100	51	...
HAI	4	0.16	0	0.00	0	0	88.4
HON	48	1.95	20	1.20	100	100	84.3
MEX	383	1.16	201	0.91	91	83	85.6
NIC	30	1.39	24	1.66	100	100	99.8
PAN	11	1.24	8	1.34	75	88	86.0
PAR	9	0.43	10	0.70	70	80	84.8
PER	91	1.07	80	1.39	100	100	96.5
URU	10	0.77	2	0.23	100	50	...
USA	NR	...	NR
VEN	71	0.78	63	0.90	79	87	86.0
TOTAL ♦	1657	0.93	977	0.81	89	75	83.7

* Adjusted + Taken within 14 days of onset of paralysis
 ♦ Excluding Canada and USA NR or ... No reports received
 § Reporting data as of 21 August 1999

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

SITE	TOTAL	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	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

