



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 23 October 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 (98/43 - 99/42)

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	45	10	0	16	10.5	17	2	0	0	0
CAR	DOR	9	1	0	3	0.0	5	0	0	0	0
	GUY	1	0	0	0	0.0	1	0	0	0	0
	HON	43	1	10	0	18.8	26	6	0	0	0
	SUR	1	0	0	0	0.0	1	0	0	0	0
	TRT	8	0	0	0	12.5	7	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	32	2	0	7	26.1	17	4	0	2	0
	BRA	89	20	0	10	27.1	43	14	0	2	0
	PER	120	7	10	4	24.2	75	23	0	1	0
INC	COR	10	5	0	0	0.0	5	0	0	0	0
	ELS	63	5	0	1	7.0	53	3	0	1	0
	GUT	45	0	1	1	7.0	40	1	0	2	0
	NIC	28	0	0	0	17.9	23	5	0	0	0
	PAN	8	4	0	4	0.0	0	0	0	0	0
INDRE	MEX	307	1	28	4	4.0	263	7	2	0	0
INH	VEN	89	2	3	0	9.5	76	8	0	0	0
INS	COL	150	5	17	4	14.5	106	16	0	2	0
	ECU	41	3	1	1	22.2	28	8	0	0	0
MAL	ARG	76	0	12	0	25.0	48	13	0	3	0
	PAR	15	5	0	1	55.6	4	5	0	0	0
	URU	4	0	0	1	0.0	3	0	0	0	0
REC	BRA	52	20	0	10	13.6	19	3	0	0	0
TOTAL		1240	91	82	67	14.0	860	119	2	17	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (98/43 - 99/42)

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	0	2
TOTAL		0	1	1	0	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	29-32	33-36	37	38	39	40	41	42
ARG	11	25	0	0	1	0	0	1	3	4	6	3	0	1	1	3	2
BOL	0	9	0	1	0	1	4	3	0	0	0	0	0	0	0	0	NR
BRA	31	153	8	16	18	21	20	19	25	21	5	0	NR	NR	NR	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	15	1	4	2	1	1	0	0	3	3	0	0	0	0	0	0
CHI	0	30	0	2	0	1	1	0	4	1	7	0	2	5	3	1	3
COL	2	31	0	1	0	0	0	1	2	9	15	1	1	0	1	0	NR
COR	2	8	1	1	3	0	1	0	2	0	NR	NR	NR	NR	NR	NR	NR
CUB	1	16	2	1	6	2	0	1	1	3	0	0	0	0	0	0	0
DOR	0	3	0	0	0	0	0	0	3	0	NR	NR	NR	NR	NR	NR	NR
ECU	0	5	0	0	0	0	0	1	0	0	1	0	0	0	1	1	1
ELS	1	7	0	0	0	0	0	0	3	0	2	2	0	0	0	0	0
GUT	0	7	0	0	0	0	1	3	0	0	1	2	0	NR	NR	NR	NR
HAI	0	0	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR	NR
HON	0	12	0	0	1	0	0	0	1	2	4	0	1	0	1	1	1
MEX	0	116	0	1	3	1	2	14	10	23	30	6	11	8	4	3	0
NIC	0	6	0	0	1	0	0	0	0	1	1	0	0	0	0	2	1
PAN	0	9	2	0	0	1	0	2	1	2	1	0	0	0	0	0	NR
PAR	0	7	0	0	0	0	2	0	1	0	3	0	0	0	1	0	0
PER	0	19	0	0	0	0	0	2	0	2	7	3	2	1	1	0	1
URU	3	2	0	0	0	0	1	0	1	NR	NR	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	5	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1
TOTAL	51	485	14	27	35	28	33	47	57	71	86	18	19	16	13	11	10

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 42

SITE	TOTAL		CUMULATIVE				
	1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	% 1 Sample+	% Re-port
ARG	94	0.92	82	0.99	89	60	97.9
BOL	38	1.19	30	1.17	73	67	68.5
BRA	367	0.58	172	0.33	83	52	50.3
CAN	NR	...	...	NR	...	...	...
CAR	13	0.50	15	0.84	87	33	94.8
CHI	71	1.66	64	1.85	95	86	99.9
COL	184	1.30	133	1.16	80	78	84.0
COR	21	1.53	8	0.72	75	63	79.9
CUB	27	1.10	16	0.80	100	94	91.6
DOR	24	0.75	4	0.16	100	0	69.0
ECU	40	0.94	38	1.11	100	87	78.1
ELS	71	3.25	50	2.83	96	74	...
GUT	51	1.11	44	1.19	100	50	...
HAI	4	0.16	0	0.00	0	0	69.9
HON	48	1.95	30	1.51	100	97	84.6
MEX	383	1.16	267	1.00	91	87	74.0
NIC	30	1.39	28	1.61	100	100	95.0
PAN	11	1.24	8	1.12	75	88	90.7
PAR	9	0.43	13	0.75	54	69	97.5
PER	91	1.07	95	1.38	100	100	90.8
URU	10	0.77	2	0.19	100	50	...
USA	NR	...	...	NR	...	...	...
VEN	71	0.78	78	0.93	83	92	80.1
TOTAL ♦	1658	0.93	1177	0.81	89	77	75.7

* 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 1998	CUMULATIVE 1999	
		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 1999	
		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	5	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	12	11	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

