



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 24 April 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 (98/17 - 99/16)

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	42	5	4	2	19.4	25	6	0	0	0
CAR	DOR	13	2	0	2	11.1	8	1	0	0	0
	GUY	2	0	0	0	0.0	2	0	0	0	0
	HAI	2	0	0	0	50.0	1	1	0	0	0
	HON	49	11	6	0	37.5	20	12	0	0	0
	JAM	1	0	0	0	0.0	1	0	0	0	0
	TRT	9	2	0	0	14.3	6	1	0	0	0
CDC	MEX	2	0	0	0	100.0	0	0	0	2	0
	NIC	2	0	0	0	100.0	0	0	1	1	0
FIO	BOL	25	5	4	0	18.8	13	3	0	0	0
	BRA	117	9	9	5	12.8	82	11	0	1	0
	PER	104	16	8	3	22.1	60	14	0	3	0
INC	COR	14	4	0	1	11.1	8	1	0	0	0
	ELS	55	0	1	0	14.8	46	7	0	1	0
	GUT	33	0	0	0	18.2	27	6	0	0	0
	NIC	27	0	2	0	12.0	22	3	0	0	0
	PAN	12	3	0	0	22.2	7	2	0	0	0
INDRE	MEX	296	0	26	0	13.7	233	36	1	0	0
INH	VEN	69	5	1	0	19.0	51	12	0	0	0
INS	COL	157	6	8	1	8.5	130	11	0	1	0
	ECU	42	7	0	0	17.1	29	6	0	0	0
MAL	ARG	44	0	13	4	33.3	18	6	0	3	0
	CHI	15	0	0	0	40.0	9	5	0	1	0
	PAR	7	3	0	0	0.0	4	0	0	0	0
	URU	7	2	0	2	0.0	3	0	0	0	0
REC	BRA	39	8	1	2	10.7	25	3	0	0	0
TOTAL		1185	88	83	22	16.3	830	147	2	13	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (98/17 - 99/16)

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		
CDC	MEX	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	NIC	0	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		0	0	1	0	1	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	14	15	16
ARG	88	27	6	4	12	1	0	3	1
BOL	1	8	1	3	0	0	2	1	1
BRA	71	25	8	9	7	1	0	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	6	2	1	2	0	1	0	0
CHI	0	17	6	4	5	1	0	1	0
COL	17	28	9	10	6	3	0	0	0
COR	2	2	1	1	0	NR	NR	NR	NR
CUB	1	7	1	1	5	0	0	NR	NR
DOR	0	0	0	0	0	NR	NR	NR	NR
ECU	0	9	3	3	1	0	1	0	1
ELS	1	1	0	0	1	0	0	0	0
GUT	2	1	1	0	0	NR	NR	NR	NR
HAI	3	0	0	0	0	NR	NR	NR	NR
HON	2	15	4	4	5	1	0	1	0
MEX	1	61	9	24	26	1	1	0	0
NIC	0	6	0	0	3	2	1	0	0
PAN	0	3	2	0	0	0	0	1	0
PAR	0	3	0	1	2	0	0	0	NR
PER	0	27	3	6	16	2	0	0	0
URU	5	0	0	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	19	3	8	6	2	NR	NR	NR
TOTAL	194	265	59	79	97	14	6	7	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 16

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	% I Sample+	% Re- port §
ARG	94	0.92	26	0.82	4	0	...
BOL	38	1.19	9	0.92	89	56	22.3
BRA	351	0.55	22	0.11	77	32	62.3
CAN	NR	...	NR
CAR	13	0.50	6	0.88	100	33	99.3
CHI	71	1.66	17	1.29	88	82	99.9
COL	183	1.29	34	0.78	82	82	74.2
COR	21	1.53	2	0.47	100	50	100.0
CUB	27	1.10	7	0.92	100	86	60.4
DOR	24	0.75	0	0.00	0	0	92.3
ECU	40	0.94	18	1.38	100	100	90.7
ELS	70	3.20	8	1.19	88	63	...
GUT	51	1.11	2	0.14	100	50	...
HAI	4	0.16	0	0.00	0	0	72.8
HON	48	1.95	13	1.71	100	100	84.4
MEX	383	1.16	68	0.67	87	79	94.9
NIC	30	1.39	8	1.21	100	100	99.7
PAN	11	1.24	2	0.73	100	100	93.5
PAR	9	0.43	3	0.46	67	33	23.0
PER	91	1.07	30	1.14	100	97	75.5
URU	10	0.77	0	0.00	0	0	...
USA	NR	...	NR
VEN	71	0.78	19	0.60	79	79	75.6
TOTAL♦	1640	0.92	294	0.53	82	71	75.9

* Adjusted + Taken within 14 days of onset of paralysis
♦ Excluding Canada and USA NR or ... No reports received
§ Reporting data as of 10 April 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	3	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	5	1	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	4	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>

