



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 29 May 1999

Vol. 14, No. 21

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 (98/22 - 99/21)

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	36	6	2	6	27.3	16	6	0	0	0
CAR	DOR	11	2	0	2	14.3	6	1	0	0	0
	GUY	3	1	0	0	0.0	2	0	0	0	0
	HAI	2	0	0	0	50.0	1	1	0	0	0
	HON	48	9	2	0	37.8	23	14	0	0	0
	JAM	2	1	0	0	0.0	1	0	0	0	0
	TRT	8	2	0	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	30	17	1	3	22.2	7	2	0	0	0
	BRA	123	15	3	7	14.3	84	13	0	1	0
	PER	116	18	1	1	17.7	79	14	0	3	0
INC	COR	13	4	0	1	12.5	7	1	0	0	0
	ELS	59	5	0	1	15.1	45	7	0	1	0
	GUT	32	0	0	0	21.9	25	7	0	0	0
	NIC	28	0	2	0	15.4	22	4	0	0	0
	PAN	12	3	0	0	22.2	7	2	0	0	0
INDRE	MEX	290	2	6	0	13.1	245	34	3	0	0
INH	VEN	82	1	2	0	17.7	65	14	0	0	0
INS	COL	144	7	4	8	9.6	113	10	0	2	0
	ECU	49	7	9	0	18.2	27	6	0	0	0
MAL	ARG	50	1	3	4	31.0	29	10	0	3	0
	CHI	14	0	0	0	35.7	9	5	0	0	0
	PAR	10	6	0	0	0.0	4	0	0	0	0
	URU	7	2	0	2	0.0	3	0	0	0	0
REC	BRA	30	9	0	4	5.9	16	1	0	0	0
TOTAL		1203	118	35	39	16.8	841	153	3	14	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (98/22 - 99/21)

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	2	1	0	0	0	0	0	0	0	0	0	0	3
TOTAL		0	2	1	0	0	0	0	0	0	0	0	0	0	3

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	18	19	20	21
ARG	88	34	4	6	14	4	0	2	0	2	2
BOL	1	20	1	3	0	8	1	4	1	2	0
BRA	58	40	7	12	14	7	0	0	NR	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	8	2	1	2	1	1	0	1	0	NR
CHI	0	18	6	4	5	3	0	0	0	0	0
COL	16	39	8	10	8	5	2	6	0	0	0
COR	2	2	1	1	0	0	0	NR	NR	NR	NR
CUB	1	10	2	1	5	2	0	0	0	0	0
DOR	0	1	0	0	0	0	0	1	0	0	0
ECU	0	18	2	2	1	2	1	3	4	0	3
ELS	1	2	0	0	1	1	0	0	0	0	0
GUT	0	6	0	2	1	3	0	0	0	0	0
HAI	0	0	0	0	0	0	0	0	NR	NR	NR
HON	0	11	0	2	6	3	0	0	0	0	0
MEX	0	48	3	8	18	10	4	1	3	0	1
NIC	0	7	0	0	1	2	0	0	0	2	2
PAN	0	3	2	0	0	1	0	0	0	0	0
PAR	0	6	0	1	2	0	2	1	0	0	0
PER	0	20	0	1	2	7	4	5	1	0	0
URU	3	0	0	0	0	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	14	0	1	4	6	0	0	1	2	0
TOTAL	170	307	38	55	84	65	15	23	11	8	8

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 21

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	%1 Sample+	% Re- port §
ARG	93	0.91	37	0.89	81	59	66.4
BOL	38	1.19	21	1.64	76	62	16.2
BRA	355	0.56	40	0.16	85	53	45.0
CAN	NR	...	NR
CAR	13	0.50	8	0.90	75	50	94.1
CHI	71	1.66	18	1.04	89	89	86.1
COL	184	1.30	47	0.82	85	81	79.2
COR	21	1.53	2	0.36	100	50	76.4
CUB	27	1.10	10	1.00	100	90	76.6
DOR	24	0.75	1	0.08	100	0	94.7
ECU	40	0.94	29	1.69	100	93	77.0
ELS	70	3.20	13	1.47	92	69	...
GUT	52	1.14	14	0.76	100	36	...
HAI	4	0.16	0	0.00	0	0	93.1
HON	48	1.95	15	1.51	100	93	84.9
MEX	383	1.16	101	0.76	91	74	95.1
NIC	30	1.39	12	1.38	100	100	99.7
PAN	11	1.24	2	0.56	100	100	94.2
PAR	9	0.43	6	0.70	67	50	94.6
PER	91	1.07	47	1.36	100	98	96.8
URU	10	0.77	0	0.00	0	0	...
USA	NR	...	NR
VEN	71	0.78	34	0.81	88	91	72.7
TOTAL ♦	1645	0.92	457	0.63	90	76	83.7

* Adjusted + Taken within 14 days of onset of paralysis
 ♦ Excluding Canada and USA NR or ... No reports received
 § Reporting data as of 15 May 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	1
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	4
GUT	5	2	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	7	6

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

