



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 December 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 (98/49 - 99/48)

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	75	39	1	14	9.5	19	1	0	1	0
CAR	DOR	6	0	0	3	0.0	3	0	0	0	0
	HON	43	7	6	5	24.0	19	6	0	0	0
	JAM	1	0	1	0	0.0	0	0	0	0	0
	SUR	3	0	0	0	0.0	3	0	0	0	0
	TRT	6	0	0	0	0.0	6	0	0	0	0
CDC	GUT	1	0	0	0	100.0	0	0	0	1	0
	MEX	2	0	0	0	100.0	0	0	0	2	0
	NIC	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	31	2	0	7	27.3	16	4	0	2	0
	BRA	105	43	4	8	24.0	38	10	0	2	0
	PER	11	6	0	0	0.0	5	0	0	0	0
INC	COR	6	0	0	0	0.0	6	0	0	0	0
	ELS	68	6	5	0	7.0	53	3	0	1	0
	GUT	44	3	3	0	2.6	37	1	0	0	0
	NIC	23	0	0	0	17.4	19	4	0	0	0
	PAN	9	1	0	0	0.0	8	0	0	0	0
INDRE	MEX	324	1	27	12	1.1	281	1	2	0	0
INH	VEN	83	5	1	0	7.8	71	6	0	0	0
INS	COL	155	2	16	0	12.4	120	16	0	1	0
	ECU	41	1	5	1	23.5	26	8	0	0	0
ISP	CHI	84	1	7	1	6.7	70	5	0	0	0
MAL	ARG	78	0	5	0	21.9	57	14	0	2	0
	PAR	15	3	0	1	45.5	6	5	0	0	0
	URU	3	0	0	1	0.0	2	0	0	0	0
REC	BRA	73	34	1	6	12.5	28	2	0	2	0
TOTAL		1292	154	82	59	10.4	893	86	2	16	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (98/49 - 99/48)

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	37-40	41-44	45	46	47	48
ARG	9	16	0	0	1	0	0	1	3	3	0	1	2	3	0	2	0
BOL	0	9	0	1	0	1	4	3	0	0	0	0	0	0	0	0	0
BRA	7	250	5	12	17	22	18	16	20	35	29	34	18	6	1	16	1
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	18	1	4	2	1	1	0	1	4	3	0	1	0	0	0	0
CHI	0	38	0	1	0	1	1	0	1	1	4	8	3	6	2	2	2
COL	1	25	0	1	0	0	0	1	0	2	0	4	11	2	3	1	0
COR	1	8	1	1	3	0	1	0	2	0	NR	NR	NR	NR	NR	NR	NR
CUB	1	22	3	1	8	2	1	2	1	3	0	0	1	0	NR	NR	NR
DOR	0	3	0	0	0	0	0	0	3	0	NR	NR	NR	NR	NR	NR	NR
ECU	0	7	0	0	0	0	0	1	0	0	0	1	3	1	0	1	0
ELS	1	15	0	0	0	0	0	0	3	0	1	0	5	2	3	1	0
GUT	0	12	0	0	0	0	1	2	0	0	0	3	5	1	0	0	0
HAI	0	0	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR	NR
HON	0	18	0	0	1	0	0	0	1	2	4	2	5	1	1	1	0
MEX	0	131	0	0	0	1	1	10	9	17	27	34	23	7	2	0	NR
NIC	0	6	0	0	1	0	0	0	0	1	0	0	3	1	0	0	0
PAN	0	9	2	0	0	1	0	2	1	2	1	0	0	0	0	0	0
PAR	0	6	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0
PER	0	22	0	0	0	0	0	2	0	2	2	5	9	2	0	NR	NR
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	6	0	0	0	0	0	0	0	0	0	2	4	0	NR	NR	NR
TOTAL	23	623	12	21	33	29	30	40	47	72	72	95	99	29	17	24	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 48

SITE	TOTAL		CUMULATIVE				
	1998	1998	1999	RATE 1999*	% INV. <48 hrs.	% 1 Sample+	% Re- port
ARG	94	0.92	90	0.95	89	59	98.1
BOL	38	1.19	30	1.02	73	67	77.4
BRA	371	0.58	331	0.56	85	49	71.1
CAN	NR	...	NR
CAR	13	0.50	18	0.88	78	44	93.4
CHI	71	1.66	83	2.10	96	87	99.9
COL	184	1.30	158	1.21	85	80	84.2
COR	21	1.53	8	0.63	75	63	69.9
CUB	27	1.10	22	0.97	95	86	86.2
DOR	24	0.75	4	0.14	100	0	60.4
ECU	40	0.94	41	1.05	100	88	78.3
ELS	71	3.25	68	3.37	97	74	...
GUT	51	1.11	54	1.28	100	52	64.7
HAI	4	0.16	0	0.00	0	0	61.3
HON	48	1.95	36	1.58	97	92	82.0
MEX	383	1.16	329	1.08	92	85	92.6
NIC	30	1.39	29	1.46	100	100	83.4
PAN	11	1.24	8	0.98	75	88	85.2
PAR	9	0.43	15	0.76	60	60	97.8
PER	91	1.07	105	1.33	100	†	79.7
URU	10	0.77	2	0.17	100	50	...
USA	NR	...	NR
VEN	71	0.78	82	0.86	84	93	79.1
TOTAL ♦	1662	0.93	1513	0.91	90	68 ♣	84.8

* Adjusted + Taken within 14 days of onset of paralysis
 ♦ Excluding Canada and USA NR or ... No reports received
 † Data incomplete, in review ♣ Provisional Total, Peru data not included

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	2	2	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	8	1
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	10	10	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

