



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 18 March 2000

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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 (1999/12 - 2000/11)

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	61	14	0	5	21.4	33	5	0	4	0
CAR	DOR	4	0	0	2	0.0	2	0	0	0	0
	GUY	1	0	0	1	0.0	0	0	0	0	0
	HON	45	11	0	0	14.7	29	5	0	0	0
	JAM	1	0	0	1	0.0	0	0	0	0	0
	SUR	3	0	0	0	0.0	3	0	0	0	0
	TRT	7	2	1	1	0.0	3	0	0	0	0
FIO	BOL	24	2	0	6	31.3	11	4	0	1	0
	BRA	90	21	0	6	9.5	57	3	0	3	0
	PER	109	14	4	10	21.0	64	17	0	0	0
INC	COR	12	4	0	3	20.0	4	1	0	0	0
	ELS	63	6	2	5	6.0	47	3	0	0	0
	GUT	38	0	0	2	0.0	36	0	0	0	0
	NIC	19	0	0	0	15.8	16	3	0	0	0
	PAN	8	2	0	0	0.0	6	0	0	0	0
INDRE	MEX	467	24	2	26	1.4	409	4	2	0	0
INH	VEN	87	1	0	0	5.8	81	5	0	0	0
INS	COL	131	5	0	6	12.5	105	13	0	2	0
	ECU	32	0	0	0	9.4	29	3	0	0	0
ISP	CHI	81	5	2	1	6.8	68	5	0	0	0
MAL	ARG	81	0	13	4	20.3	51	12	0	1	0
	PAR	24	6	0	2	37.5	10	6	0	0	0
	URU	1	0	0	0	0.0	1	0	0	0	0
REC	BRA	70	24	0	5	14.6	35	2	0	4	0
TOTAL		1459	141	24	86	8.9	1100	91	2	15	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (1999/12 - 2000/11)

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	0	2	0	0	0	0	0	0	0	0	0	0	2
TOTAL		0	0	2	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 1999	CUM. 2000	Week							
			1-4	5	6	7	8	9	10	11
ARG	10	16	0	4	2	3	1	3	2	1
BOL	9	0	0	0	0	0	0	0	0	NR
BRA	163	17	12	0	5	NR	NR	NR	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	1	4	1	0	0	0	0	2	1	0
CHI	11	20	8	2	2	1	4	3	0	0
COL	17	0	0	0	0	0	0	0	0	0
COR	7	0	0	NR	NR	NR	NR	NR	NR	NR
CUB	23	6	1	0	2	2	0	0	0	1
DOR	3	0	0	0	0	0	0	0	0	NR
ECU	1	3	3	0	0	0	0	0	0	0
ELS	15	3	0	3	NR	NR	NR	NR	NR	NR
GUT	7	0	0	0	NR	NR	NR	NR	NR	NR
HAI	0	1	0	0	0	1	0	0	0	0
HON	11	10	5	0	0	1	3	1	0	0
MEX	88	36	23	6	5	2	0	0	0	NR
NIC	2	3	3	0	0	0	0	0	0	0
PAN	9	1	0	0	0	0	0	1	0	NR
PAR	16	2	2	0	0	0	0	0	0	0
PER	9	19	8	2	0	4	3	1	1	0
URU	5	1	1	0	0	0	0	0	0	0
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	9	0	0	0	3	0	4	0	2
TOTAL	409	150	67	17	16	16	11	15	4	4

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 11

SITE	TOTAL		CUMULATIVE				
	1999	RATE	CASES	RATE	% INV.	%1	% Re-
	1999	1999	2000	2000*	<48 hrs.	Sample+	port
ARG	104	1.01	20	0.92	100	45	100
BOL	31	0.97	0	0	0	0	85
BRA	394	0.62	11	0.08	91	45	59
CAN	NR	...	NR
CAR	20	0.90	3	0.64	100	67	99
CHI	89	2.08	19	2.1	68	68	88
COL	174	1.23	0	0	0	0	85
COR	28	2.03	0	0	0	0	...
CUB	23	0.93	6	1.15	100	100	99
DOR	4	0.13	0	0	0	0	91
ECU	49	1.16	3	0.33	100	67	95
ELS	69	3.16	6	1.3	100	100	...
GUT	60	1.31	0	0	0	0	...
HAI	3	0.12	1	0.19	0	0	80
HON	46	1.87	12	2.3	100	100	89
MEX	676	2.05	31	0.44	94	74	57
NIC	30	1.39	3	0.66	100	100	99
PAN	8	0.9	1	0.53	0	100	74
PAR	36	1.68	2	0.44	100	0	62
PER	117	1.37	18	1	100	100	57
URU	5	0.64	1	0.37	0	0	...
USA	NR	...	NR
VEN	93	1.14	19	1.1	89	95	42
TOTAL♦	2056	1.16	155	0.41	92	77	64

* 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	CUMULATIVE	
		1999	2000
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	
		1999	2000
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	1	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	1	0	0

CAR Includes reports from all CAREC member countries

Issues of polio surveillance bulletin can be accessed at:
http://www.paho.org/english/hvp/hvp_week_bul.htm

