



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 1 April 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 (1999/14 - 2000/13)

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	55	13	0	4	23.7	29	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	43	11	0	0	15.6	27	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	1	1	2	0.0	3	0	0	0	0
FIO	BOL	20	2	0	6	41.7	7	4	0	1	0
	BRA	85	20	0	6	8.5	54	3	0	2	0
	PER	102	14	4	10	21.6	58	16	0	0	0
INC	COR	11	4	0	3	25.0	3	1	0	0	0
	ELS	62	6	1	5	6.0	47	3	0	0	0
	GUT	49	0	2	2	8.9	41	2	0	2	0
	NIC	16	0	0	0	18.8	13	3	0	0	0
	PAN	8	2	0	0	0.0	6	0	0	0	0
INDRE	MEX	449	24	2	26	1.0	393	4	0	0	0
INH	VEN	83	2	0	0	4.9	77	4	0	0	0
INS	COL	121	5	0	6	8.2	101	7	0	2	0
	ECU	31	0	0	0	9.7	28	3	0	0	0
ISP	CHI	80	5	1	2	6.9	67	5	0	0	0
MAL	ARG	82	0	6	4	19.4	58	13	0	1	0
	PAR	20	6	0	2	16.7	10	2	0	0	0
	URU	1	0	0	0	0.0	1	0	0	0	0
REC	BRA	69	24	0	5	15.0	34	2	0	4	0
TOTAL		1403	139	17	87	8.4	1062	82	0	16	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (1999/14 - 2000/13)

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		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	5-8	9	10	11	12	13
ARG	10	11	0	2	1	2	1	2	3
BOL	9	0	0	0	0	0	0	0	0
BRA	163	17	12	5	0	0	0	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	1	4	1	0	2	1	0	NR	NR
CHI	11	20	8	9	3	0	0	0	0
COL	17	0	0	0	0	0	0	0	0
COR	7	0	0	0	0	0	0	0	NR
CUB	23	7	1	4	0	0	2	0	0
DOR	3	5	2	2	1	0	0	NR	NR
ECU	1	3	3	0	0	0	0	0	0
ELS	15	1	0	1	0	0	0	0	NR
GUT	7	6	0	3	1	0	0	2	NR
HAI	0	1	0	1	0	0	0	NR	NR
HON	11	10	5	4	1	0	0	0	0
MEX	88	36	23	13	0	0	NR	NR	NR
NIC	2	3	3	0	0	0	0	0	0
PAN	9	1	0	0	1	0	0	NR	NR
PAR	16	2	2	0	0	0	0	0	NR
PER	9	19	8	9	1	1	0	NR	NR
URU	2	1	1	0	0	0	0	0	0
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	9	0	3	4	0	2	...	...
TOTAL	404	156	69	56	15	4	5	4	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

SITE	TOTAL 1999		Last 52 weeks (1999/14-2000/13)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	% 1 Sample+	% Re- port
ARG	104	1.01	99	0.96	94	72	97
BOL	31	0.97	21	0.65	76	81	78
BRA	394	0.62	307	0.55	84	47	61
CAN	NR	...	NR	...	...	...	...
CAR	20	0.90	17	0.77	59	47	94
CHI	89	2.08	89	2.08	62	85	95
COL	174	1.23	129	0.94	69	81	85
COR	28	2.03	18	1.30	72	61	50
CUB	23	0.93	17	0.69	100	94	89
DOR	4	0.13	9	0.28	100	0	63
ECU	49	1.16	35	0.82	94	80	84
ELS	69	3.16	66	2.99	59	79	27
GUT	60	1.31	61	1.25	95	67	49
HAI	3	0.12	4	0.16	0	0	71
HON	46	1.87	43	1.71	98	88	87
MEX	676	2.05	511	1.54	93	82	79
NIC	30	1.39	25	1.14	92	100	84
PAN	8	0.90	8	0.90	75	88	79
PAR	36	1.68	28	1.31	64	43	81
PER	117	1.37	102	1.19	99	100	70
URU	5	0.64	6	0.47	100	50	...
USA	NR	...	NR	...	...	...	...
VEN	93	1.14	90	1.10	82	92	65
TOTAL ♦	2059	1.16	1685	1.00	85	75	76

+ 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 1999	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 1999	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	1	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	1	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

