



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 7 October 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 (1999/41 - 2000/40)

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	57	18	0	9	16.7	25	4	0	1	0
CAR	DOR	8	0	0	0	12.5	7	1	0	0	0
	GUY	1	0	0	0	100.0	0	1	0	0	0
	HON	50	4	7	0	20.5	31	8	0	0	0
	JAM	1	0	0	0	0.0	1	0	0	0	0
	SUR	1	1	0	0	0.0	0	0	0	0	0
	TRT	7	2	0	0	0.0	5	0	0	0	0
FIO	BOL	20	1	0	0	15.8	16	1	0	2	0
	BRA	125	38	4	12	21.1	56	13	0	2	0
	PER	80	24	0	0	10.7	50	6	0	0	0
INC	COR	3	2	0	0	100.0	0	1	0	0	0
	ELS	49	8	6	5	3.3	29	1	0	0	0
	GUT	62	0	7	13	11.9	37	3	0	2	0
	NIC	19	0	0	0	15.8	16	3	0	0	0
INDRE	MEX	298	8	17	73	3.5	193	1	0	6	0
INH	VEN	94	2	0	0	12.0	81	11	0	0	0
INS	COL	170	9	7	3	11.9	133	15	0	3	0
	ECU	39	1	0	0	10.5	34	2	0	2	0
ISP	CHI	87	2	5	0	10.0	72	7	0	1	0
MAL	ARG	105	1	16	9	15.2	67	12	0	0	0
	PAR	16	4	0	0	33.3	8	2	0	2	0
REC	BRA	104	46	1	18	5.1	37	2	0	0	0
TOTAL		1396	171	70	142	11.4	898	94	0	21	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (1999/41 - 2000/40)

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	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37	38	39	40
ARG	0	39	0	2	0	2	3	0	5	6	6	7	3	1	4
BOL	0	4	0	0	0	0	0	1	0	1	1	0	1	0	0
BRA	11	131	3	6	8	12	17	15	30	16	18	2	4	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	8	1	0	3	0	2	0	0	0	2	0	0	0	0
CHI	3	20	2	0	0	1	1	2	0	6	6	2	0	0	0
COL	3	40	0	0	1	1	0	1	1	6	20	4	2	3	1
COR	7	13	0	0	0	2	1	3	1	3	2	0	1	0	0
CUB	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0
DOR	0	7	0	0	0	0	0	2	3	2	0	NR	NR	NR	NR
ECU	0	6	0	0	0	0	0	0	0	1	5	0	0	0	0
ELS	9	22	0	0	0	0	0	2	8	8	4	0	0	NR	NR
GUT	4	6	0	0	0	0	0	0	0	0	4	0	2	NR	NR
HAI	0	1	0	1	0	0	0	NR	NR	NR	NR	NR	NR	NR	NR
HON	1	11	0	0	0	0	0	0	3	5	2	1	0	0	0
MEX	156	145	9	16	17	15	12	22	21	21	12	0	0	0	NR
NIC	1	6	0	0	0	0	0	0	0	1	4	0	0	0	1
PAN	9	2	0	0	0	0	0	0	0	0	0	0	1	1	0
PAR	8	3	0	0	0	0	0	0	0	2	1	0	0	0	0
PER	0	25	0	0	3	4	8	6	4	0	0	0	0	0	0
URU	4	2	0	1	0	1	0	0	0	0	0	0	0	0	0
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	7	0	0	0	0	0	0	0	1	2	0	2	2	0
TOTAL	216	500	15	26	32	38	44	54	73	76	92	20	16	8	6

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 (1999/41-2000/40)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	% 1 Sample+	% Sites Report- ing
ARG	104	1.01	123	1.20	89	67	100
BOL	31	0.96	23	0.71	96	83	77
BRA	441	0.80	391	0.71	82	51	82
CAN	NR	...	NR
CAR	20	0.90	13	0.59	46	54	90
CHI	89	2.08	94	2.20	77	83	100
COL	190	1.39	177	1.29	85	83	85
COR	31	2.25	20	1.45	100	15	88
CUB	29	1.18	17	0.69	100	94	78
DOR	10	0.31	17	0.53	88	53	71
ECU	49	1.15	43	1.01	86	98	91
ELS	71	3.21	57	2.58	56	82	63
GUT	61	1.25	72	1.48	97	71	69
HAI	3	0.12	0	0.00	0	0	28
HON	46	1.83	51	2.02	100	86	93
MEX	770	2.32	352	1.06	96	75	92
NIC	30	1.36	25	1.14	100	100	100
PAN	8	0.90	6	0.67	83	100	76
PAR	36	1.68	25	1.17	72	36	81
PER	117	1.37	81	0.95	98	95	91
URU	5	0.39	3	0.23	0	0	...
USA	NR	...	NR
VEN	94	1.15	100	1.22	95	87	83
TOTAL ♦	2235	1.32	1690	1.00	88	72	88

+ 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	AS OF WEEK 40 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	AS OF WEEK 40 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	2	2	0
COR	0	0	0
CUB	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	2	2	0

CAR Includes reports from all CAREC member countries

Issues of polio surveillance bulletin can be accessed at:
<http://www.paho.org> (search: "polio weekly")

