



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
Polio Myelitis Surveillance in the Americas

Weekly Bulletin for the week
ending 30 December 2000

Vol. 15, No. 52

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 (2000/01 - 2000/52)

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	56	17	0	2	16.2	31	6	0	0	0
CAR	DOR	29	0	12	0	47.1	9	2	0	6	0
	GUY	1	0	0	0	100.0	0	1	0	0	0
	HAI	9	0	0	0	55.6	4	2	2	1	0
	HON	47	5	3	1	23.7	29	9	0	0	0
	JAM	1	1	0	0	0.0	0	0	0	0	0
	SUR	2	1	1	0	0.0	0	0	0	0	0
	TRT	5	2	0	0	0.0	3	0	0	0	0
FIO	BOL	25	0	2	0	13.0	20	1	0	2	0
	BRA	119	32	0	7	17.5	66	12	1	1	0
	PER	59	24	0	0	11.4	31	4	0	0	0
INC	ELS	70	0	0	0	8.6	64	4	0	2	0
	GUT	72	0	6	16	12.0	44	4	0	2	0
	NIC	25	0	0	0	8.0	23	2	0	0	0
INDRE	MEX	335	0	4	6	19.7	261	54	0	10	0
INH	VEN	110	2	0	0	12.0	95	13	0	0	0
INS	COL	157	8	8	1	12.1	123	14	0	3	0
	ECU	41	1	1	0	12.8	34	3	0	2	0
ISP	CHI	46	1	0	2	11.6	38	5	0	0	0
MAL	ARG	123	0	8	7	11.1	96	12	0	0	0
	CHI	33	0	0	0	6.1	31	1	0	1	0
	PAR	15	1	0	0	21.4	11	2	0	1	0
REC	BRA	115	50	1	17	6.4	44	3	0	0	0
TOTAL		1495	145	46	59	15.1	1057	154	3	31	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (2000/01 - 2000/52)

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		
	BRA	0	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL		0	0	1	0	0	0	0	0	0	0	0	0	0	1

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 15, No.52

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	37-40	41-44	45-48	49	50	51	52
ARG	0	25	0	2	0	2	3	0	4	1	1	2	2	0	0	3	0	5
BOL	0	3	0	0	0	0	0	0	0	0	0	2	0	0	0	NR	NR	
BRA	6	125	1	4	5	6	12	9	14	8	19	21	12	13	1	0	0	
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
CAR	0	11	1	0	3	0	2	0	0	0	2	0	1	1	0	1	0	
CHI	1	10	0	0	0	0	0	0	0	0	0	0	2	4	1	3	0	
COL	1	35	0	0	1	1	0	1	0	1	7	7	6	6	3	2	0	
COR	7	11	0	0	0	1	1	0	0	1	0	0	5	3	0	0	NR	
CUB	0	13	3	0	2	1	1	0	1	0	0	4	0	1	0	0	0	
DOR	0	18	0	0	0	0	0	0	1	3	3	7	1	3	NR	NR	NR	
ECU	0	5	0	0	0	0	0	0	0	0	1	0	1	2	1	0	0	
ELS	4	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	NR	
GUT	4	7	0	0	0	0	0	0	0	0	0	0	0	4	1	1	1	
HAI	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	NR	
HON	0	9	0	0	0	0	0	0	0	0	0	1	3	3	1	1	NR	
MEX	0	194	5	11	18	19	16	31	25	16	25	14	11	3	0	0	NR	
NIC	0	5	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	
PAN	9	6	0	0	0	0	0	0	0	0	0	2	1	2	0	0	1	
PAR	8	4	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	
PER	0	25	0	0	3	4	8	6	4	0	0	0	0	0	0	0	0	
URU	4	2	0	1	0	1	0	0	0	0	0	0	0	NR	NR	NR	NR	
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
VEN	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
TOTAL	44	515	10	18	32	35	43	47	49	30	59	60	49	50	8	15	4	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 (2000/01-2000/52)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	% 1 Sample+	% Sites Report- Ing
ARG	104	1.01	136	1.32	90	73	100
BOL	31	0.96	25	0.77	92	72	93
BRA	438	0.79	373	0.67	85	55	84
CAN	NR	...	NR
CAR	20	0.90	13	0.59	62	62	94
CHI	89	2.08	88	2.06	86	81	92
COL	189	1.39	162	1.19	86	82	86
COR	31	2.25	21	1.52	95	0	84
CUB	29	1.18	26	1.06	100	62	91
DOR	10	0.31	29	0.91	88	59	87
ECU	49	1.15	44	1.03	89	95	95
ELS	77	3.48	71	3.21	48	87	65
GUT	59	1.21	84	1.72	92	73	94
HAI	3	0.12	9	0.35	0	0	42
HON	45	1.79	47	1.87	100	89	89
MEX	398	1.20	369	1.11	97	80	88
NIC	29	1.32	30	1.36	100	100	100
PAN	8	0.90	10	1.12	80	100	86
PAR	36	1.68	19	0.89	79	63	76
PER	117	1.37	60	0.70	97	93	85
URU	5	0.39	2	0.16	0	0	...
USA	NR	...	NR
VEN	94	1.15	112	1.37	96	91	88
TOTAL ♦	1861	1.10	1730	1.02	89	74	87

+ 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 52	
		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	6*
ECU	0	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	1*
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	7

CAR Includes reports from all CAREC member countries

* Type 1 vaccine derived virus

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1999	AS OF WEEK 52	
		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
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	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")

