



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 20 January 2001

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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 (2000/04 - 2001/03)

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	2	1	0	0	100.0	0	1	0	0	0
	HAI	9	0	0	0	55.6	4	2	2	1	0
	HON	49	6	0	5	23.7	29	9	0	0	0
	JAM	1	1	0	0	0.0	0	0	0	0	0
	SUR	2	1	0	1	0.0	0	0	0	0	0
	TRT	5	2	0	0	0.0	3	0	0	0	0
FIO	BOL	25	0	0	0	12.0	22	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	37	0	0	0	5.4	35	2	0	0	0
INDRE	MEX	366	0	4	8	20.9	280	63	0	11	0
INH	VEN	113	1	0	0	11.6	99	13	0	0	0
INS	COL	164	6	6	2	13.3	130	17	0	3	0
	ECU	41	1	1	0	12.8	34	3	0	2	0
ISP	CHI	55	1	2	2	10.0	45	5	0	0	0
MAL	ARG	130	0	10	8	10.7	100	12	0	0	0
	CHI	30	0	0	0	10.0	27	2	0	1	0
	PAR	15	1	0	0	21.4	11	2	0	1	0
REC	BRA	115	50	0	18	6.4	44	3	0	0	0
TOTAL		1564	144	41	69	15.4	1108	167	3	32	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (2000/04 - 2001/03)

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

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Table No. 1
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 2000	CUM. 2001	Week		
			1	2	3
ARG	17	8	2	2	4
BOL	1	0	0	0	0
BRA	125	NR	NR	NR	NR
CAN	NR	NR	NR	NR	NR
CAR	12	0	0	0	NR
CHI	12	1	1	0	0
COL	29	2	1	0	1
COR	11	NR	NR	NR	NR
CUB	13	NR	NR	NR	NR
DOR	40	2	2	0	0
ECU	6	2	1	1	0
ELS	1	NR	NR	NR	NR
GUT	8	0	0	0	0
HAI	0	NR	NR	NR	NR
HON	10	1	1	0	0
MEX	193	0	0	0	NR
NIC	4	3	0	3	0
PAN	6	0	0	0	0
PAR	4	0	0	0	0
PER	25	NR	NR	NR	NR
URU	2	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR
VEN	1	1	1	0	0
TOTAL	520	20	9	6	5

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 2000		Last 52 weeks (2000/04-2001/03)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	% 1 Sample+	% Sites Report- ing
ARG	140	1.36	146	1.42	91	71	100
BOL	25	0.77	25	0.77	92	72	93
BRA	367	0.66	373	0.67	85	55	84
CAN	NR	...	NR
CAR	11	0.50	14	0.63	64	64	94
CHI	93	2.18	95	2.22	87	83	92
COL	165	1.21	169	1.24	87	83	86
COR	21	1.52	21	1.52	95	0	84
CUB	26	1.06	26	1.06	100	62	91
DOR	57	1.79	58	1.82	91	22	87
ECU	45	1.06	47	1.10	89	96	95
ELS	70	3.17	71	3.21	48	87	65
GUT	85	1.74	85	1.74	92	74	94
HAI	9	0.35	0	0.00	0	0	42
HON	48	1.90	49	1.94	98	88	88
MEX	396	1.19	400	1.20	97	81	86
NIC	42	1.91	44	2.00	100	98	100
PAN	10	1.12	10	1.12	80	100	86
PAR	19	0.89	19	0.89	79	63	79
PER	58	0.68	60	0.70	97	93	85
URU	2	0.16	2	0.16	0	0	0
USA	NR	...	NR
VEN	114	1.39	114	1.39	96	91	88
TOTAL ♦	1803	1.07	1828	1.08	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 2000	AS OF WEEK 3 CUMULATIVE	
		2000	2001
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	6*	0	0
ECU	0	0	0
ELS	0	0	0
GUT	0	0	0
HAI	1*	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	7	0	0

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 2000	AS OF WEEK 3 CUMULATIVE	
		2000	2001
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

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

