



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
Poliovirus Surveillance in the Americas

Weekly Bulletin for the week
ending 3 March 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 (2000/10 - 2001/09)

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	13	0	5	12.8	34	5	0	0	0
CAR	DOR	45	0	0	0	40.0	29	5	0	13**	0
	GUY	2	2	0	0	0.0	0	0	0	0	0
	HAI	9	0	0	0	55.6	4	2	2	1	0
	HON	43	4	12	0	18.5	22	4	0	1**	0
	JAM	1	1	0	0	0.0	0	0	0	0	0
	SUR	2	1	0	0	0.0	1	0	0	0	0
	TRT	3	1	0	0	0.0	2	0	0	0	0
FIO	BOL	28	5	0	0	13.0	20	1	0	2	0
	BRA	151	31	0	5	15.7	97	13	2	3	0
	PER	58	0	0	0	0.0	58	0	0	0	0
INC	ELS	60	0	0	0	8.3	55	3	0	2	0
	GUT	76	1	10	15	6.0	47	3	0	0	0
	NIC	31	0	0	0	6.5	29	2	0	0	0
INDRE	MEX	273	0	11	15	19.8	198	45	0	4	0
INH	VEN	108	3	0	0	12.4	92	13	0	0	0
INS	COL	146	10	16	2	12.7	103	14	0	1	0
	ECU	33	1	0	0	15.6	27	4	0	1	0
ISP	CHI	59	0	4	2	9.4	48	5	0	0	0
MAL	ARG	132	0	9	5	11.9	104	12	0	2	0
	CHI	14	0	0	0	0.0	14	0	0	0	0
	PAR	16	1	0	0	26.7	11	3	0	1	0
REC	BRA	128	59	0	6	7.9	58	3	0	2	0
TOTAL		1475	133	62	55	14.2	1053	137	4	33	0

* Each sample relates to an individual

Case samples only

**Type 1 vaccine derived virus

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (2000/10 - 2001/09)

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	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 2000	CUM. 2001	Week					
			1-4	5	6	7	8	9
ARG	9	12	1	1	4	0	3	3
BOL	1	5	0	0	0	5	0	0
BRA	116	31	29	0	1	1	0	0
CAN	NR	NR	NR	NR	NR	NR	NR	NR
CAR	12	1	0	0	1	0	0	0
CHI	4	8	2	1	3	1	1	0
COL	18	27	13	1	2	5	3	3
COR	12	0	0	0	0	0	0	0
CUB	14	0	0	0	0	0	0	NR
DOR	5	30	11	2	6	5	5	1
ECU	1	4	2	0	1	1	0	0
ELS	1	0	0	0	NR	NR	NR	NR
GUT	0	11	8	1	2	0	0	0
HAI	0	NR	NR	NR	NR	NR	NR	NR
HON	7	9	5	0	1	0	2	1
MEX	95	4	4	0	0	0	0	0
NIC	1	7	4	2	0	0	1	0
PAN	3	2	0	0	0	1	0	1
PAR	0	3	1	1	0	1	0	0
PER	23	22	7	10	1	2	2	0
URU	2	0	0	0	0	0	0	0
USA	NR	NR	NR	NR	NR	NR	NR	NR
VEN	1	6	0	3	0	3	0	0
TOTAL	325	182	87	22	22	25	17	9

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 (2000/10-2001/09)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	% 1 Sample+	% Sites Report- Ing
ARG	140	1.36	146	1.42	91	77	100
BOL	25	0.77	28	0.86	89	75	95
BRA	489	0.88	433	0.78	87	57	88
CAN	NR	...	NR
CAR	11	0.50	10	0.45	50	70	93
CHI	93	2.18	80	1.87	88	85	92
COL	165	1.21	151	1.10	88	86	86
COR	22	1.59	22	1.59	95	0	78
CUB	27	1.10	16	0.65	100	69	91
DOR	64	2.01	83	2.61	95	46	87
ECU	45	1.06	35	0.82	89	94	94
ELS	70	3.17	61	2.76	39	87	61
GUT	86	1.76	83	1.70	89	76	95
HAI	9	0.35	1	0.04	0	0	15
HON	48	1.90	43	1.71	93	95	89
MEX	354	1.07	291	0.88	96	83	89
NIC	32	1.45	35	1.59	94	97	100
PAN	10	1.12	10	1.12	90	80	85
PAR	19	0.89	19	0.89	79	53	85
PER	102	1.19	103	1.20	97	67	87
URU	9	0.69	3	0.23	0	0	24
USA	NR	...	NR
VEN	114	1.39	111	1.36	96	90	88
TOTAL♦	1934	1.15	1764	1.04	89	73	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 2000	AS OF WEEK 9 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	11*	0	2*
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	12	0	2

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 9 CUMULATIVE	
		2000	2001
ARG	0	0	0
BOL	0	0	0
BRA	1	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	00	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	2	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")

