



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
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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 (2000/12 - 2001/11)

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	51	7	0	0	29.5	31	12	0	1	0
CAR	DOR	80	0	17	1	26.5	38	9	3	14**	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	46	0	11	0	20.0	28	6	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	27	6	0	0	9.5	19	0	0	2	0
	BRA	150	23	0	2	15.2	106	12	2	5	0
	PER	74	0	0	0	8.1	68	4	0	2	0
INC	ELS	55	0	0	0	9.1	50	3	0	2	0
	GUT	78	0	2	0	6.6	71	4	0	1	0
	NIC	31	0	0	0	6.5	29	2	0	0	0
INDRE	MEX	292	0	1	9	20.2	225	52	0	5	0
INH	VEN	100	3	0	0	13.4	84	13	0	0	0
INS	COL	139	7	18	2	12.5	98	13	0	1	0
	ECU	32	1	0	0	16.1	26	4	0	1	0
ISP	CHI	60	0	6	1	9.4	48	4	0	1	0
MAL	ARG	130	0	11	4	13.0	100	13	0	2	0
	CHI	15	0	0	0	6.7	14	1	0	0	0
	PAR	14	1	0	0	23.1	10	2	0	1	0
REC	BRA	122	35	0	2	8.2	78	5	0	2	0
TOTAL		1513	88	66	21	15.7	1130	161	7	42	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 (2000/12 - 2001/11)

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
	DOR	3	0	0	0	0	0	0	0	0	0	0	0	0	3
TOTAL		3	0	2	0	0	0	0	0	0	0	0	0	0	5

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 16, No.11

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	10	11
ARG	5	15	1	1	4	0	3	3	2	1
BOL	0	6	0	0	0	5	0	1	0	0
BRA	31	30	28	0	1	1	0	0	0	0
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	12	1	0	0	1	0	0	0	0	0
CHI	0	13	2	1	3	1	1	0	4	1
COL	15	23	8	1	2	5	3	3	1	NR
COR	12	0	0	0	0	0	0	0	NR	NR
CUB	14	0	0	0	0	0	0	0	NR	NR
DOR	14	28	7	...	6	5	5	2	3	0
ECU	1	4	2	0	1	1	0	0	0	0
ELS	1	0	0	0	0	0	0	0	0	NR
GUT	0	2	0	0	0	0	2	0	0	0
HAI	0	NR	NR	NR	NR	NR	NR	NR	NR	NR
HON	0	12	5	0	1	0	2	1	3	0
MEX	0	0	0	0	0	0	0	0	0	0
NIC	0	6	3	2	0	0	1	0	0	0
PAN	0	2	0	0	0	1	0	1	0	0
PAR	0	4	1	1	0	1	0	1	0	0
PER	3	22	7	10	1	2	2	0	0	0
URU	0	0	0	0	0	0	0	0	0	0
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	1	6	0	3	0	3	0	0	0	NR
TOTAL	109	174	64	19	20	25	19	12	13	2

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 (2000/12-2001/11)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	% 1 Sample+	% Sites Report- Ing
ARG	138	1.34	146	1.42	91	76	100
BOL	25	0.77	27	0.83	89	78	95
BRA	492	0.94	416	0.79	87	58	89
CAN	NR	...	NR
CAR	11	0.50	9	0.41	44	78	95
CHI	93	2.18	81	1.90	88	85	91
COL	165	1.21	140	1.02	89	86	85
COR	22	1.59	22	1.59	95	0	76
CUB	27	1.10	14	0.57	100	64	94
DOR	66	2.08	87	2.74	95	60	86
ECU	45	1.06	34	0.80	88	94	95
ELS	70	3.17	56	2.53	39	86	61
GUT	87	1.78	83	1.70	89	77	95
HAI	9	0.35	1	0.04	0	0	0
HON	47	1.87	46	1.83	96	96	89
MEX	386	1.16	307	0.92	96	84	89
NIC	32	1.45	35	1.59	94	97	100
PAN	10	1.12	10	1.12	70	90	85
PAR	19	0.89	17	0.79	76	47	87
PER	102	1.19	100	1.17	97	88	88
URU	9	0.69	3	0.23	0	0	29
USA	NR	...	NR
VEN	114	1.39	103	1.26	96	89	88
TOTAL♦	1969	1.19	1737	1.05	89	76	89

+ 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 11 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	3*
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	3

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 11 CUMULATIVE	
		2000	2001
ARG	0	0	0
BOL	0	0	0
BRA	19	4	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	3	0	0
ECU	0	0	0
ELS	0	0	0
GUT	3	1	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	25	5	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")

