



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 31 March 2001*

Vol. 16, No. 13

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 (2000/14 - 2001/13)

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	45	7	0	0	31.6	26	11	0	1	0
CAR	DOR	81	0	17	0	40.6	38	9	3	14**	0
	GUY	2	2	0	0	0.0	0	0	0	0	0
	HAI	11	0	0	0	63.6	4	2	2	3**	0
	HON	44	0	11	0	18.2	27	5	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	26	6	0	0	10.0	18	0	0	2	0
	BRA	139	23	0	2	14.0	98	10	2	4	0
	PER	68	0	0	0	8.8	62	4	0	2	0
INC	COR	2	0	0	0	100.0	0	0	2	0	0
	ELS	66	0	0	0	7.6	61	3	0	2	0
	GUT	79	0	4	0	6.7	70	4	0	1	0
	NIC	29	0	0	0	6.9	27	2	0	0	0
INDRE	MEX	280	0	0	10	20.7	214	51	0	5	0
INH	VEN	93	3	0	0	12.2	79	11	0	0	0
INS	COL	142	6	15	1	13.3	104	13	1	2	0
	ECU	31	1	0	0	16.7	25	4	0	1	0
ISP	CHI	37	1	2	0	11.8	30	2	0	2	0
MAL	ARG	137	0	16	4	12.0	103	12	0	2	0
	CHI	37	0	0	0	8.1	34	3	0	0	0
	PAR	13	0	0	0	23.1	10	2	0	1	0
REC	BRA	117	34	0	2	8.6	74	5	0	2	0
TOTAL		1485	86	65	19	15.8	1107	153	10	45	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 (2000/14 - 2001/13)

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	2
	COL	0	0	1	0	0	0	0	0	0	0	0	0	1
	COR	2	0	0	0	0	0	0	0	0	0	0	0	2
	DOR	3	0	0	0	0	0	0	0	0	0	0	0	3
TOTAL		5	0	3	0	0	0	0	0	0	0	0	0	8

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 16, No.13

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

SITE	TOTAL 2000	CUM. 2001	Week						
			1-4	5-8	9	10	11	12	13
ARG	5	19	0	5	2	2	4	3	3
BOL	0	6	0	5	1	0	0	0	0
BRA	31	30	28	2	0	0	0	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	12	1	0	1	0	0	0	0	0
CHI	0	15	0	6	0	4	2	0	3
COL	11	22	4	10	4	2	1	1	NR
COR	8	0	0	0	0	0	0	0	0
CUB	14	0	0	0	0	0	0	0	NR
DOR	14	28	7	16	2	3	0	NR	NR
ECU	1	6	2	2	0	0	0	2	0
ELS	0	3	0	2	1	0	0	0	0
GUT	0	4	0	1	0	0	1	2	NR
HAI	0	NR	NR	NR	NR	NR	NR	NR	NR
HON	0	13	5	3	1	3	1	0	0
MEX	0	0	0	0	0	0	0	NR	NR
NIC	0	7	3	3	0	0	0	0	1
PAN	0	2	0	1	1	0	0	0	0
PAR	0	3	0	2	1	0	0	0	0
PER	4	30	7	18	2	1	0	2	NR
URU	0	0	0	0	0	0	0	0	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	1	6	0	6	0	0	0	0	0
TOTAL	101	195	56	83	15	15	9	10	7

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 (2000/14-2001/13)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	% 1 Sample+	% Sites Report- Ing
ARG	140	1.36	155	1.51	92	75	100
BOL	25	0.77	26	0.80	88	77	95
BRA	492	0.94	387	0.74	87	59	89
CAN	NR	...	NR
CAR	11	0.50	9	0.41	44	78	99
CHI	94	2.20	83	1.94	88	80	91
COL	165	1.21	143	1.05	88	87	86
COR	22	1.59	20	1.45	95	10	74
CUB	27	1.10	13	0.53	100	62	93
DOR	66	2.08	87	2.74	95	60	86
ECU	45	1.06	35	0.82	89	94	94
ELS	79	3.57	68	3.08	37	84	59
GUT	87	1.78	84	1.72	89	77	95
HAI	9	0.35	0	0.00	0	0	0
HON	47	1.87	45	1.79	96	96	88
MEX	386	1.16	293	0.88	96	85	89
NIC	32	1.45	34	1.55	94	97	100
PAN	10	1.12	9	1.01	67	89	85
PAR	19	0.89	17	0.79	76	47	87
PER	102	1.19	101	1.18	98	93	89
URU	9	0.69	0	0.00	0	0	30
USA	NR	...	NR
VEN	114	1.39	96	1.17	97	90	88
TOTAL ♦	1981	1.19	1705	1.03	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 13	
		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	3*	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	14	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 13	
		CUMULATIVE	
		2000	2001
ARG	0	0	0
BOL	0	0	0
BRA	19	7	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	8	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")

