



PAN AMERICAN HEALTH ORGANIZATION
 PAN AMERICAN HEALTH SANITARY BUREAU REGIONAL OFFICE OF THE
 WORLD HEALTH ORGANIZATION



Vol. 16, No. 20

Division of Vaccines and Immunization
Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
ending 19 May 2001

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 (2000/21 - 2001/20)

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	50	15	0	0	31.4	24	10	0	1	0
CAR	DOR	93	0	4	1	38.6	54	17	3	14**	0
	GUY	2	2	0	0	0.0	0	0	0	0	0
	HAI	11	0	0	0	72.7	4	2	2	4**	0
	HON	45	3	0	0	16.7	35	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
FIO	TRT	1	1	0	0	0.0	0	0	0	0	0
	BOL	40	10	10	0	15.0	17	3	0	0	0
	BRA	134	33	0	2	13.1	86	7	2	4	0
	PER	68	0	0	1	17.9	55	10	0	2	0
INC	COR	9	0	0	0	100.0	0	0	9	0	0
	ELS	64	0	0	0	7.8	59	3	0	2	0
	GUT	76	0	7	0	7.2	64	4	0	1	0
	NIC	27	0	0	0	7.4	25	1	0	1	0
INDRE	MEX	326	0	7	11	18.8	250	54	0	4	0
INH	VEN	94	5	0	0	9.0	81	8	0	0	0
INS	COL	140	6	3	1	13.8	112	15	1	2	0
	ECU	37	2	0	0	14.3	30	4	0	1	0
ISP	CHI	41	0	4	0	13.5	32	3	0	2	0
MAL	ARG	137	0	16	1	11.7	106	12	0	2	0
	CHI	32	0	0	0	9.4	29	3	0	0	0
	PAR	21	4	3	0	28.6	10	3	0	1	0
REC	BRA	102	39	0	4	8.5	54	2	0	3	0
TOTAL		1553	122	54	21	16.9	1128	167	17	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 (2000/21 - 2001/20)

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	9	0	0	0	0	0	0	0	0	0	0	0	9
	DOR	3	0	0	0	0	0	0	0	0	0	0	0	3
TOTAL		12	0	3	0	0	0	0	0	0	0	0	0	15

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 16, No.20

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

SITE	TOTAL	CUM.	Week							
			2000	2001	1-4	5-8	9-12	13-16	17	18
ARG	0	23	0	0	5	12	2	4	NR	NR
BOL	0	23	0	1	8	11	0	2	0	1
BRA	6	59	29	21	6	3	0	NR	NR	NR
CAN	0	0	NR	NR	NR	NR	NR	NR	NR	NR
CAR	12	1	0	1	0	0	0	0	0	0
CHI	0	18	0	2	7	7	1	1	0	0
COL	2	25	0	1	2	15	2	3	1	1
COR	7	6	3	1	2	0	0	0	NR	NR
CUB	14	6	0	2	1	3	0	0	0	NR
DOR	14	17	6	1	5	5	0	0	0	0
ECU	1	7	0	0	0	2	0	0	0	5
ELS	0	8	0	2	6	0	0	0	0	0
GUT	0	7	0	0	0	2	0	3	2	0
HAI	0	0	NR	NR	NR	NR	NR	NR	NR	NR
HON	0	3	0	0	1	2	0	0	0	0
MEX	0	58	11	12	17	16	0	1	1	NR
NIC	0	4	1	2	0	1	0	0	0	0
PAN	0	1	0	0	0	1	0	0	0	0
PAR	0	8	0	0	1	5	1	0	0	1
PER	0	30	0	15	5	7	0	1	2	0
URU	0	0	0	0	0	0	0	0	0	0
USA	0	0	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	8	0	0	1	6	1	0	0	0
TOTAL	56	314	57	91	77	24	28	16	6	0

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 (2000/21-2001/20)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	%1 Sample +	% Sites Report Ing
ARG	133	1.30	153	1.49	93	78	100
BOL	25	0.77	40	1.23	93	78	91
BRA	519	0.99	370	0.71	86	61	94
CAN	58	0.99	0	0.00	0	0	0
CAR	11	0.50	7	0.32	57	86	99
CHI	94	2.20	80	1.87	90	83	91
COL	161	1.18	142	1.04	87	89	85
COR	22	1.59	25	1.81	92	20	60
CUB	27	1.10	14	0.57	100	79	94
DOR	68	2.14	99	3.11	97	62	85
ECU	45	1.06	41	0.96	90	95	94
ELS	79	3.57	71	3.21	45	82	62
GUT	87	1.78	80	1.64	89	79	95
HAI	9	0.35	4	0.16	0	0	0
HON	47	1.87	45	1.79	96	93	89
MEX	386	1.16	347	1.04	95	84	90
NIC	32	1.45	27	1.23	96	96	100
PAN	10	1.12	10	1.12	70	90	85
PAR	19	0.89	22	1.03	82	55	88
PER	102	1.19	96	1.12	99	95	92
URU	9	0.69	0	0.00	0	0	40
USA	NR	...	0	0.00	0	0	0
VEN	114	1.39	98	1.20	98	90	88
Total♦	2057	1.20	1771	1.05	90	78	89

+ Taken within 14 days of onset of paralysis

♦ Excluding Canada and USA NR or ... No reports received

Table No. 3
CONFIRMED POLIO CASES
BY WEEK OF ONSET

SITE	TOTAL 2000	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	3*
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	6

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	Cumulative	
		2000	2001
ARG	0	0	0
BOL	0	0	0
BRA	15	13	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	21	14	0

CAR Includes reports from all CAREC member countries