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PAN AMERICAN HEALTH SANITARY BUREAU REGIONAL OFFICE OF THE
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Division of Vaccines and Immunization
Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
ending 29 December 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 (2001/01 - 2001/52)

Lab.	Country	Total*	WITHOUT RESULTS			ENTEROVIRUS ISOLATION					
			Not yet in Lab.	<6 weeks	>6 Weeks	% Isolation	Negative	Other Enterovirus	Pending	Poliovirus Vaccine	Wild
BEL	BRA	113	13	0	5	7.4	88	5	0	2	0
CAR	DOR	69	4	0	0	23.1	50	12	0	3**	0
	GUY	5	2	0	0	0.0	3	0	0	0	0
	HAI	18	0	0	1	47.1	9	1	0	7**	0
	HON	57	8	0	0	24.5	37	6	0	6	0
	JAM	1	0	0	0	0.0	1	0	0	0	0
	SUR	3	3	0	0	0.0	0	0	0	0	0
	TRT	3	0	0	0	0.0	3	0	0	0	0
CDC	BOL	2	0	0	0	0.0	2	0	0	0	0
	DOR	3	0	0	0	100.0	0	0	0	3	0
FIO	BOL	40	0	0	0	25.0	30	9	0	1	0
	BRA	175	46	0	5	19.4	100	21	0	3	0
	PER	91	1	12	0	3.8	75	3	0	0	0
INC	COR	12	0	0	0	0.0	12	0	0	0	0
	ELS	53	0	0	0	9.4	48	4	0	1	0
	GUT	85	0	0	4	4.9	77	4	0	0	0
	NIC	22	0	0	1	4.8	20	0	0	1	0
	PAN	8	0	0	0	0.0	8	0	0	0	0
INDRE	MEX	299	0	0	23	25.0	207	66	0	3	0
INH	VEN	97	0	0	0	7.2	90	7	0	0	0
INS	COL	140	7	4	4	9.6	113	12	0	0	0
	ECU	22	0	0	0	9.1	20	2	0	0	0
ISP	CHI	25	0	3	1	38.1	13	5	0	3	0
MAL	ARG	117	0	4	1	12.5	98	11	0	3	0
	CHI	51	0	0	0	9.8	46	4	0	1	0
	PAR	18	0	0	0	33.3	12	4	0	2	0
	URU	13	0	0	0	30.8	9	3	0	1	0
REC	BRA	160	16	0	5	12.2	122	16	0	1	0
TOTAL		1702	100	23	50	15.4	1293	195	0	41	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 (2001/01 - 2001/52)

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		
TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	CUM.	Week															
			2000	2001	1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44	45-48	49	50
ARG	0	13	0	0	0	1	0	0	0	1	1	0	2	7	1	0	0	0
BOL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRA	0	154	6	9	6	9	16	14	12	10	9	24	32	7	0	0	0	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	0	13	0	1	0	0	2	4	1	0	1	3	0	1	0	0	0	
CHI	0	20	0	0	0	0	0	0	0	0	0	3	7	4	2	3	1	
COL	0	12	0	0	0	0	0	0	0	0	2	1	6	3	0	0	0	
COR	0	16	3	1	2	1	1	0	1	1	1	1	4	0	0	0	0	
CUB	0	14	0	2	1	3	0	0	2	2	1	3	0	0	0	0	0	
DOR	0	7	0	1	0	0	0	0	0	0	0	2	2	1	1	0	0	
ECU	0	3	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	
ELS	0	16	0	0	0	0	0	0	0	0	0	2	8	6	0	0	0	
GUT	0	4	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	
HAI	0	6	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	
HON	0	12	0	0	0	0	0	0	0	0	0	1	4	1	1	3	2	
MEX	0	154	4	2	4	6	6	17	14	20	18	23	18	22	0	0	0	
NIC	0	3	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	
PAN	0	3	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	
PAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PER	0	13	0	0	0	0	0	0	0	0	0	7	5	1	0	0	0	
URU	0	4	0	0	0	0	0	0	0	0	2	0	1	0	1	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	
TOTAL	0	469	13	16	13	20	25	35	30	35	32	67	88	72	9	7	5	2

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 (2001/01-2001/52)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	%1 Sample +	% Sites Reporting
ARG	133	1.30	134	0.90	100	70	100
BOL	25	0.77	42	1.27	88	76	96
BRA	529	1.01	585	1.12	93	61	94
CAN	59	1.01	0	0.00	0	0	0
CAR	14	0.63	13	0.46	85	54	97
CHI	94	2.20	81	1.35	86	90	94
COL	161	1.18	143	0.85	85	85	84
COR	22	1.59	16	0.99	94	63	0
CUB	27	1.10	14	0.31	100	100	98
DOR	67	2.11	74	2.16	99	77	0
ECU	45	1.06	27	0.53	93	96	89
ELS	79	3.57	70	2.79	81	89	72
GUT	87	1.78	86	1.89	91	79	46
HAI	15	0.59	27	0.90	85	48	0
HON	47	1.87	57	2.30	91	93	88
MEX	386	1.16	347	0.87	94	77	83
NIC	32	1.45	24	1.18	100	100	100
PAN	10	1.12	9	0.58	78	78	82
PAR	19	0.89	18	1.23	78	56	89
PER	102	1.19	91	0.89	99	99	0
URU	9	0.69	18	1.29	78	72	48
USA	0	0	0	0.00	0	0	0
VEN	114	1.39	100	1.06	97	97	0
Total♦	2076	1.21	1976	1.04	92	76	88

Table No. 3
CONFIRMED POLIO CASES
BY WEEK OF ONSET

SITE	TOTAL 2000	AS OF WEEK 52	
		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*	11*	3*
ECU	0	0	0
ELS	0	0	0
GUT	0	0	0
HAI	1*	1*	7*
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*	12*	10*

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 2000	AS OF WEEK 52	
		2000	2001
ARG	0	0	0
BOL	0	0	0
BRA	12	12	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	13	13	1
ECU	0	0	0
ELS	0	0	0
GUT	3	3	0
HAI	0	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	28	28	4

+ Taken within 14 days of onset of paralysis
♦ Excluding Canada and USA

CAR Includes reports from all CAREC member countries
* Type 1 vaccine derived virus

CAR Includes reports from all CAREC member countries