



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
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
ending 17 February 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 (2000/08 - 2001/07)

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	59	10	8	7	17.6	28	6	0	0	0
CAR	DOR	47	0	0	0	33.3	30	5	0	12	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	44	1	12	0	22.6	24	6	0	1	0
	JAM	1	1	0	0	0.0	0	0	0	0	0
	SUR	2	1	0	1	0.0	0	0	0	0	0
	TRT	5	2	0	0	0.0	3	0	0	0	0
FIO	BOL	26	2	0	0	12.5	21	1	0	2	0
	BRA	150	26	0	4	16.7	100	15	2	3	0
	PER	41	24	0	0	0.0	17	0	0	0	0
INC	ELS	61	0	0	0	8.2	56	3	0	2	0
	GUT	77	1	10	15	7.8	47	3	0	1	0
	NIC	26	0	0	0	7.7	24	2	0	0	0
INDRE	MEX	265	0	8	12	18.8	199	41	0	5	0
INH	VEN	105	2	0	0	11.7	91	12	0	0	0
INS	COL	148	9	14	2	13.0	107	15	0	1	0
	ECU	33	1	1	0	16.1	26	3	0	2	0
ISP	CHI	53	0	1	2	10.0	45	5	0	0	0
MAL	ARG	131	0	12	5	12.3	100	13	0	1	0
	CHI	23	0	0	0	4.3	22	1	0	0	0
	PAR	15	0	0	0	26.7	11	3	0	1	0
REC	BRA	120	55	0	7	6.9	54	3	0	1	0
TOTAL		1443	137	66	55	14.85	1009	139	4	33	0

* Each sample relates to an individual

Case samples only

Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (2000/08 - 2001/07)

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	2	3	4	5	6	7
ARG	9	12	0	0	1	4	3	4	0
BOL	1	3	0	0	0	0	0	0	3
BRA	130	16	4	7	4	1	0	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	12	1	0	0	0	0	0	1	0
CHI	7	5	1	0	1	0	1	1	1
COL	21	18	1	3	3	6	1	2	2
COR	12	0	0	0	0	0	0	0	NR
CUB	14	0	0	0	0	0	0	0	NR
DOR	5	20	1	3	2	5	2	4	3
ECU	6	2	1	1	0	0	0	0	0
ELS	1	0	0	0	0	0	0	NR	NR
GUT	0	11	1	3	3	1	1	2	0
HAI	0	NR	NR	NR	NR	NR	NR	NR	NR
HON	7	6	0	1	0	4	0	1	0
MEX	149	2	2	0	0	0	0	0	0
NIC	2	6	0	3	0	1	2	0	0
PAN	3	1	0	0	0	0	0	0	1
PAR	0	3	0	0	0	1	1	0	1
PER	25	0	0	0	0	0	0	0	0
URU	2	0	0	0	0	0	0	0	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	1	5	0	1	0	0	3	0	1
TOTAL	407	111	11	22	14	23	14	15	12

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 (2000/08-2001/07)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	% 1 Sample+	% Sites Report- ing
ARG	140	1.36	143	1.39	91	76	100
BOL	25	0.77	27	0.83	93	74	95
BRA	460	0.83	415	0.75	86	58	88
CAN	NR	...	NR
CAR	11	0.50	12	0.54	58	75	93
CHI	93	2.18	83	1.94	92	83	92
COL	165	1.21	152	1.11	89	86	86
COR	22	1.59	22	1.59	95	0	80
CUB	27	1.10	18	0.73	100	61	95
DOR	63	1.98	75	2.36	95	43	88
ECU	45	1.06	36	0.85	89	94	94
ELS	70	3.17	62	2.81	40	87	62
GUT	86	1.76	85	1.74	89	75	95
HAI	9	0.35	0	0.00	0	0	25
HON	48	1.90	44	1.75	95	95	89
MEX	333	1.00	283	0.85	96	83	89
NIC	32	1.45	34	1.55	94	94	100
PAN	10	1.12	10	1.12	80	90	85
PAR	19	0.89	18	0.84	78	56	80
PER	58	0.68	42	0.49	95	95	86
URU	2	0.16	1	0.08	0	0	19
USA	NR	...	NR
VEN	114	1.39	108	1.32	96	92	88
TOTAL♦	1832	1.08	1670	0.99	89	74	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 7 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	1*
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	1

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 7 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	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	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")

