



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



Vol. 13, No. 7

Expanded Program on Immunization
Poliomyelitis Surveillance in the Americas

Weekly Bulletin for the week
 ending 21 February 1998

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 (97/09 - 98/07)

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	47	4	0	7	11.1	32	4	0	0	0
CAR	DOR	19	3	1	0	20.0	12	3	0	0	0
	HON	42	3	10	0	31.0	20	9	0	0	0
	JAM	1	0	0	0	100.0	0	1	0	0	0
	SUR	1	0	0	0	0.0	1	0	0	0	0
	TRT	4	0	1	0	0.0	3	0	0	0	0
CDC	ELS	1	0	0	0	100.0	0	0	0	1	0
	GUT	1	0	0	0	100.0	0	0	0	1	0
	MEX	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	52	10	8	8	23.1	20	4	1	1	0
	BRA	120	22	1	7	13.3	78	8	0	4	0
	PER	55	11	0	3	26.8	30	10	0	1	0
INC	COR	6	3	0	3	0.0	0	0	0	0	0
	ELS	44	22	0	1	23.8	16	5	0	0	0
	GUT	58	5	0	15	31.6	26	12	0	0	0
	NIC	38	0	1	5	6.3	30	2	0	0	0
	PAN	7	5	0	0	0.0	2	0	0	0	0
INDRE	MEX	403	2	36	12	19.8	283	70	0	0	0
INH	VEN	79	2	1	0	10.5	68	8	0	0	0
INS	COL	173	10	10	0	9.8	138	10	3	2	0
	ECU	50	15	0	0	5.7	33	2	0	0	0
MAL	CHI	24	0	0	16	37.5	5	3	0	0	0
	PAR	8	3	1	0	75.0	1	1	1	1	0
	URU	3	1	0	0	0.0	2	0	0	0	0
REC	BRA	70	11	0	2	10.5	51	6	0	0	0
TOTAL		1308	132	70	79	17.1	851	158	5	13	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (97/09 - 98/07)

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		
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	COL	0	0	0	3	0	0	0	0	0	0	0	0	0	3
	PAR	0	1	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL		1	1	0	3	0	0	0	0	0	0	0	0	0	5

Case samples only



Acute Flacid Paralysis Surveillance

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

SITE	TOTAL	CUM.	Week							
			1997	1998	1	2	3	4	5	6
ARG	19	NR	NR	NR	NR	NR	NR	NR	NR	NR
BOL	26	4	0	3	1	0	0	0	0	0
BRA	249	0	0	0	0	NR	NR	NR	NR	NR
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	9	2	1	0	0	1	0	0	0	0
CHI	27	3	0	0	0	2	1	0	0	0
COL	77	23	3	4	5	2	5	2	2	2
COR	11	NR	NR	NR	NR	NR	NR	NR	NR	NR
CUB	30	2	1	0	0	1	0	0	0	0
DOR	0	4	3	0	0	1	0	0	0	0
ECU	21	6	3	1	0	0	1	1	NR	NR
ELS	26	3	2	0	1	0	0	0	0	0
GUT	39	NR	NR	NR	NR	NR	NR	NR	NR	NR
HAI	0	NR	NR	NR	NR	NR	NR	NR	NR	NR
HON	7	6	1	1	1	1	1	1	1	0
MEX	80	35	9	5	9	7	4	1	0	0
NIC	6	1	0	0	0	1	0	0	0	0
PAN	8	0	0	0	0	0	0	0	0	0
PAR	1	0	0	0	0	0	0	0	0	NR
PER	26	0	0	0	0	0	NR	NR	NR	NR
URU	2	NR	NR	NR	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	4	4	0	1	0	2	0	0	0	1
TOTAL	668	93	23	15	17	18	12	5	3	

NR - No reports received

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
AS OF WEEK 7

SITE	TOTAL		CUMULATIVE					
	CASES	RATE	CASES	RATE	% INV.	% 1	%	
			1997	1997	1998	1998*	<48 hrs.	Sample+
ARG	20	0.21	NR	-	-	-	-	-
BOL	54	1.68	4	0.93	100	100	75.2	
BRA	385	0.73	0	0.00	0	0	-	
CAN	NR	-	NR	-	-	-	-	
CAR	14	0.53	1	0.28	100	0	-	
CHI	82	2.03	3	0.55	100	33	100.0	
COL	190	1.65	18	1.16	94	89	83.5	
COR	11	1.01	NR	-	-	-	-	
CUB	31	1.37	1	0.33	100	100	97.8	
DOR	22	0.81	3	0.82	100	100	80.3	
ECU	54	1.23	3	0.51	67	67	88.3	
ELS	54	2.31	2	0.64	100	100	96.9	
GUT	69	1.65	NR	-	-	-	-	
HAI	0	0.00	NR	-	-	-	-	
HON	50	2.18	5	1.62	100	100	80.3	
MEX	488	1.48	27	0.61	96	81	0.0	
NIC	45	2.54	1	0.42	100	100	98.9	
PAN	8	0.95	0	0.00	0	0	92.1	
PAR	10	0.58	0	0.00	0	0	90.5	
PER	84	0.96	0	0.00	0	0	0.0	
URU	7	0.90	NR	-	-	-	-	
USA	NR	-	NR	-	-	-	-	
VEN	95	1.26	4	0.39	100	100	84.9	
TOTAL♦	1773	1.09	72	0.33	96	85	85.5	

* Adjusted + Taken within 14 days of onset of paralysis

♦ Excluding Canada and USA

Table No. 3
CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL	CUMULATIVE	
		1997	1998
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	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	0	0	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	0	0	0

CAR Includes reports from all CAREC member countries

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL	CUMULATIVE	
		1997	1998
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	3	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	5	0	0
HAI	0	0	0
HON	0	0	0
MEX	1	1	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	2	1	0
TOTAL	12	2	0

CAR Includes reports from all CAREC member countries

