



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 30 October 1999

Vol. 14, No. 43

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 (98/44 - 99/43)

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	51	15	0	15	14.3	18	2	0	1	0
CAR	DOR	7	0	0	3	0.0	4	0	0	0	0
	GUY	1	0	0	0	0.0	1	0	0	0	0
	HON	44	1	11	0	18.8	26	6	0	0	0
	SUR	1	0	0	0	0.0	1	0	0	0	0
	TRT	8	0	0	0	12.5	7	1	0	0	0
CDC	GUT	1	0	0	0	100.0	0	0	0	1	0
	MEX	3	0	0	0	100.0	0	0	0	3	0
	NIC	2	0	0	0	100.0	0	0	0	2	0
FIO	BOL	32	2	0	7	26.1	17	4	0	2	0
	BRA	105	34	2	10	27.1	43	14	0	2	0
	PER	114	7	10	4	23.7	71	21	0	1	0
INC	COR	9	5	0	0	0.0	4	0	0	0	0
	ELS	62	2	0	0	10.0	54	5	0	1	0
	GUT	46	0	1	1	6.8	41	1	0	2	0
	NIC	28	0	0	0	17.9	23	5	0	0	0
	PAN	8	4	0	4	0.0	0	0	0	0	0
INDRE	MEX	323	1	31	4	3.1	278	7	2	0	0
INH	VEN	90	3	3	0	9.5	76	8	0	0	0
INS	COL	151	1	4	0	13.0	127	16	0	3	0
	ECU	41	3	1	1	22.2	28	8	0	0	0
ISP	CHI	79	1	7	0	8.5	65	6	0	0	0
MAL	ARG	76	0	12	0	25.0	48	13	0	3	0
	PAR	15	3	2	1	55.6	4	5	0	0	0
	URU	4	0	0	1	0.0	3	0	0	0	0
REC	BRA	61	30	0	8	13.0	20	3	0	0	0
TOTAL		1362	112	84	59	13.4	959	125	2	21	0

* Each sample relates to an individual

Case samples only

Table No. 2
 Status of Poliovirus Pending Intratypic Differentiation
 Last 52 Weeks (98/44 - 99/43)

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	
	MEX	0	1	1	0	0	0	0	0	0	0	0	0	2
TOTAL		0	1	1	0	0	0	0	0	0	0	0	0	2

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 14, No.43

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

SITE	TOTAL 1998	CUM. 1999	Weeks															
			1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37	38	39	40	41	42	43
ARG	11	25	0	0	1	0	0	1	3	4	6	3	0	1	1	3	2	NR
BOL	0	9	0	1	0	1	4	3	0	0	0	0	0	0	0	0	NR	NR
BRA	12	192	7	15	18	20	20	19	24	30	22	4	5	4	4	0	0	0
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CAR	0	15	1	4	2	1	1	0	0	3	3	0	0	0	0	0	0	0
CHI	0	29	0	2	0	1	1	0	3	1	6	0	2	3	4	1	3	2
COL	1	13	0	1	0	0	0	1	0	2	4	2	1	0	1	0	1	0
COR	2	8	1	1	3	0	1	0	2	0	NR	NR	NR	NR	NR	NR	NR	NR
CUB	1	16	2	1	6	2	0	1	1	3	0	0	0	0	0	0	0	NR
DOR	0	3	0	0	0	0	0	0	3	0	NR	NR	NR	NR	NR	NR	NR	NR
ECU	0	5	0	0	0	0	0	1	0	0	1	0	0	0	1	1	1	0
ELS	1	4	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0
GUT	0	4	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0
HAI	0	0	0	0	0	0	0	0	0	0	0	NR	NR	NR	NR	NR	NR	NR
HON	0	12	0	0	1	0	0	0	1	2	4	0	1	0	1	1	1	0
MEX	0	117	0	0	2	1	2	14	10	19	30	6	9	10	7	5	2	0
NIC	0	6	0	0	1	0	0	0	0	1	1	0	0	0	0	2	1	0
PAN	0	9	2	0	0	1	0	2	1	2	1	0	0	0	0	0	0	0
PAR	0	6	0	0	0	0	1	0	1	0	3	0	0	0	1	0	0	0
PER	0	19	0	0	0	0	0	2	0	2	7	3	2	1	1	0	1	NR
URU	3	2	0	0	0	0	1	0	1	NR	NR	NR	NR	NR	NR	NR	NR	NR
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
VEN	0	6	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1	1
TOTAL	31	500	13	25	34	27	32	46	53	69	89	20	22	20	21	13	13	3

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
AS OF WEEK 43

SITE	TOTAL		CUMULATIVE				
	CASES 1998	RATE 1998	CASES 1999	RATE 1999*	% INV. <48 hrs.	% 1 Sample+	% Re- port
ARG	94	0.92	82	0.97	89	60	97.3
BOL	38	1.19	30	1.14	73	67	67.0
BRA	369	0.58	226	0.43	83	50	63.2
CAN	NR	...	...	NR	...	...	...
CAR	13	0.50	15	0.82	87	33	92.7
CHI	71	1.66	68	1.92	96	85	99.9
COL	184	1.30	136	1.16	83	79	84.2
COR	21	1.53	8	0.70	75	63	78.0
CUB	27	1.10	16	0.79	100	94	89.4
DOR	24	0.75	4	0.15	100	0	67.4
ECU	40	0.94	38	1.08	100	87	78.5
ELS	71	3.25	50	2.77	96	74	...
GUT	51	1.11	47	1.24	100	53	...
HAI	4	0.16	0	0.00	0	0	68.3
HON	48	1.95	30	1.47	100	97	84.7
MEX	383	1.16	295	1.08	92	85	72.2
NIC	30	1.39	28	1.57	100	100	92.9
PAN	11	1.24	8	1.09	75	88	90.7
PAR	9	0.43	13	0.74	54	69	97.5
PER	91	1.07	95	1.35	100	100	88.8
URU	10	0.77	2	0.19	100	50	...
USA	NR	...	...	NR	...	...	...
VEN	71	0.78	79	0.92	84	92	78.2
TOTAL ♦	1660	0.93	1270	0.86	90	76	76.2

* Adjusted + 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
AS OF WEEK 43

SITE	TOTAL 1998	CUMULATIVE	
		1998	1999
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
AS OF WEEK 43

SITE	TOTAL 1998	CUMULATIVE	
		1998	1999
ARG	0	0	0
BOL	0	0	0
BRA	2	2	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	7	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	1	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	11	10	1

CAR Includes reports from all CAREC member countries

Issues of polio surveillance bulletin can be accessed at:
http://www.paho.org/english/hvp/hvp_pol_bul.htm

