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

Weekly Bulletin for the week
ending 21 April 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 (2000/17 - 2001/16)

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	0	30.6	25	10	0	1	0
CAR	DOR	88	0	10	1	40.3	48	14	3	14**	0
	GUY	2	2	0	0	0.0	0	0	0	0	0
	HAI	11	0	0	0	63.6	4	2	2	3**	0
	HON	47	3	0	0	15.9	37	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	2	1	0	0	0.0	1	0	0	0	0
	BOL	24	0	2	0	18.2	18	3	0	1	0
	BRA	141	36	0	2	13.6	89	8	2	4	0
	PER	71	0	2	0	17.4	57	10	0	2	0
INC	COR	9	0	0	0	100.0	0	0	9	0	0
	ELS	65	0	0	0	7.7	60	3	0	2	0
	GUT	74	0	2	0	6.9	67	4	0	1	0
	NIC	29	0	0	0	6.9	27	1	0	1	0
INDRE	MEX	329	2	9	11	18.6	250	53	0	4	0
INH	VEN	98	4	0	0	9.6	85	9	0	0	0
INS	COL	138	7	6	1	12.1	109	12	1	2	0
	ECU	33	1	0	0	15.6	27	4	0	1	0
ISP	CHI	39	1	0	0	10.5	34	2	0	2	0
MAL	ARG	138	0	20	0	13.6	102	14	0	2	0
	CHI	35	0	0	0	8.6	32	3	0	0	0
	PAR	20	6	0	0	28.6	10	2	0	2	0
REC	BRA	117	40	1	2	8.1	68	4	0	2	0
TOTAL		1564	120	52	17	16.4	1151	164	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 (2000/17 - 2001/16)

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

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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	14
ARG	0	23	0	2	10	3	3	5	0
BOL	0	3	0	1	2	0	0	0	0
BRA	15	64	33	23	5	1	2	0	NR
CAN	0	0	NR	NR	NR	NR	NR	NR	NR
CAR	12	1	0	1	0	0	0	0	0
CHI	0	16	0	4	7	3	0	1	1
COL	5	26	3	8	9	3	3	0	NR
COR	7	6	3	1	2	0	0	0	0
CUB	14	4	0	2	1	0	1	0	0
DOR	14	44	9	18	11	3	2	1	0
ECU	1	2	0	0	2	0	0	0	0
ELS	0	8	0	2	6	0	0	0	0
GUT	0	2	0	0	0	1	1	0	0
HAI	0	0	NR	NR	NR	NR	NR	NR	NR
HON	0	3	0	0	1	0	1	1	0
MEX	0	64	14	25	18	2	4	1	0
NIC	0	4	1	2	0	1	0	0	0
PAN	0	3	0	1	1	0	1	0	0
PAR	0	7	0	0	2	2	1	1	1
PER	0	23	1	15	7	0	0	0	0
URU	0	0	0	0	0	0	0	0	0
USA	0	0	NR	NR	NR	NR	NR	NR	NR
VEN	0	6	0	0	1	1	2	0	2
TOTAL	68	309	64	105	85	20	21	10	4

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 (2000/17-2001/16)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	%1 Sample +	% Sites Report Ing
ARG	133	1.30	153	1.49	93	77	100
BOL	25	0.77	24	0.74	88	79	95
BRA	506	0.96	401	0.76	86	60	89
CAN	58	0.99	NR
CAR	11	0.50	8	0.36	50	75	99
CHI	94	2.20	81	1.90	90	83	91
COL	162	1.19	140	1.02	87	87	86
COR	22	1.59	25	1.81	92	20	69
CUB	27	1.10	14	0.57	100	71	94
DOR	66	2.08	98	3.08	96	60	85
ECU	45	1.06	35	0.82	89	94	94
ELS	79	3.57	72	3.26	44	82	60
GUT	87	1.78	78	1.60	88	79	95
HAI	9	0.35	3	0.12	0	0	0
HON	47	1.87	47	1.87	96	94	88
MEX	386	1.16	356	1.07	95	83	90
NIC	32	1.45	30	1.36	97	97	100
PAN	10	1.12	10	1.12	70	90	85
PAR	19	0.89	23	1.07	78	52	88
PER	102	1.19	91	1.06	98	92	90
URU	9	0.69	0	0.00	0	0	35
USA	NR	...	NR
VEN	114	1.39	100	1.22	97	91	88
Total ♦	2043	1.19	1789	1.08	89	76	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	12*	0	2*
ECU	0	0	0
ELS	0	0	0
GUT	0	0	0
HAI	1*	0	2*
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	13	0	4

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	18	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	24	14	0

CAR Includes reports from all CAREC member countries