



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 28 December 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 5 September 1991, in Peru

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (91/01 - 91/52)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	OTHER ENTERO-VIRUS	ENTEROVIRUS ISOLATION CHARACTERIZATION				
			Not yet in Lab	<10 wks	>10 wks				Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	8	0	0	0	25.0	6	2	0	-----	0	0	0
	GUY	2	0	0	0	0.0	2	0	0	-----	0	0	0
	HAI	19	4	4	0	9.1	10	1	0	-----	0	0	0
	SUR	1	1	0	0	0.0	0	0	0	-----	0	0	0
	TRT	1	0	0	0	0.0	1	0	0	-----	0	0	0
FIO	BOL	55	8	2	7	34.2	25	3	1	FIO	9	0	0
	BRA	821	76	3	14	12.5	637	39	7	FIO	45	0	0
	PER	94	6	5	9	25.7	55	6	1	FIO	10	2	0
INC	COR	4	0	0	1	33.3	2	1	0	-----	0	0	0
	ELS	83	5	2	0	51.3	37	27	3	CDC	9	0	0
	GUT	83	0	1	0	30.5	57	22	0	CDC	3	0	0
	HON	35	3	0	0	56.3	14	13	0	CDC	5	0	0
	NIC	16	1	1	0	57.1	6	7	0	CDC	1	0	0
	PAN	8	0	0	0	50.0	4	3	0	CDC	1	0	0
INH	VEN	88	7	3	0	21.8	61	13	1	CDC	3	0	0
INS	COL	146	3	1	3	29.5	98	29	5	CDC	1	6	0
	ECU	55	2	4	0	22.4	38	9	2	-----	0	0	0
LSP	MEX	260	0	9	10	21.6	189	42	1	CDC	9	0	0
MAL	ARG	57	0	6	2	42.9	28	11	2	MAL	8	0	0
	CHI	10	0	0	1	11.1	8	1	0	-----	0	0	0
	PAR	22	1	0	0	66.7	7	13	0	MAL	1	0	0
	URU	3	0	0	1	50.0	1	1	0	-----	0	0	0
TOTAL		1871	117	41	48	22.8	1286	244	23		105	8	0

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (91/01 - 91/52)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	0	0	0	0	0	0	3	0	1	0	5
	ECU	1	1	0	0	0	0	0	0	0	0	0	0	2
	ELS	2	0	1	0	0	0	0	0	0	0	0	0	3
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
FI	BOL	0	0	0	0	0	0	0	0	0	1	0	0	1
	BRA	0	1	1	2	0	0	1	0	1	0	1	0	7
MAL	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
	ARG	0	1	1	0	0	0	0	0	0	0	0	0	2
TOTAL		4	4	3	4	0	0	1	0	4	1	2	0	23

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (91/01 - 91/52)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
Peru	Atlantico	P1	04/16/91	16
	Piura	P1	02/02/91	05
	Junin	P1	09/05/91	36

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	80	0.80
BOL	58	1.81	55	1.72
BRA	904	1.66	873	1.60
CAN	0	0.00	0	0.00
CAR	10	0.32	12	0.38
CHI	181	4.31	94	2.24
COL	208	1.76	178	1.51
COR	10	0.91	5	0.45
CUB	24	0.92	12	0.46
DOR	12	0.43	16	0.57
ECU	61	1.39	58	1.32
ELS	88	3.67	81	3.38
GUT	105	2.50	86	2.05
HAI	23	0.88	16	0.62
HON	69	3.00	35	1.52
MEX	340	1.19	362	1.27
NIC	17	0.94	23	1.28
PAN	9	1.00	8	0.89
PAR	33	1.94	23	1.35
PER	101	1.13	93	1.04
URU	6	0.67	5	0.56
USA	0	0.00	0	0.00
VEN	126	1.64	91	1.18
TOTAL	2496	1.12	2206	0.99

* ADJUSTED

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM 1991	WEEKS															
		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	51	52
ARG	40	0	0	0	1	1	1	6	1	6	9	5	2	6	2	NR	NR
BOL	15	0	0	0	0	0	0	0	3	1	4	6	1	0	0	0	NR
BRA	188	0	0	0	0	1	3	1	5	13	32	39	85	8	1	NR	NR
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	NR
CHI	35	1	0	0	0	1	2	10	3	6	3	6	3	0	0	0	NR
COL	67	0	1	0	2	2	5	7	3	5	11	10	11	7	3	NR	NR
COR	3	0	0	0	2	0	0	1	0	0	0	1	0	0	0	0	NR
CUB	3	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	NR
DOR	7	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	NR
ECU	27	0	0	1	1	1	1	0	4	1	5	3	8	1	1	0	NR
ELS	20	0	0	0	0	0	1	0	0	1	3	9	5	0	1	0	NR
GUT	14	0	0	0	0	1	2	1	0	0	0	1	6	2	1	NR	NR
HAI	16	0	0	1	1	2	1	2	1	6	1	1	NR	NR	NR	NR	NR
HON	7	0	0	0	0	0	0	0	1	1	1	1	2	0	1	NR	NR
MEX	121	0	0	0	3	4	6	17	15	18	23	20	10	3	2	NR	NR
NIC	8	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	NR
PAN	5	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0	0
PAR	3	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0
PER	10	0	0	0	0	0	1	0	1	0	0	3	3	2	NR	0	NR
URU	3	0	0	0	0	0	0	0	1	1	0	0	0	NR	0	0	NR
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	39	0	2	0	1	1	0	2	5	7	8	4	9	0	NR	N'	
TOTAL	633	1	3	2	11	15	27	47	43	69	110	114	148	31	12	0	0

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	4	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	3	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	18	7

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	3	3	2
BOL	0	0	0
BRA	14	14	10
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	12	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	2	0
GUT	0	0	2
HAI	1	1	0
HON	0	0	0
MEX	7	7	2
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	16	1
URU	0	0	0
USA	0	0	0
VEN	10	10	2
TOTAL	69	69	24

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Vol. 6, No. 51

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 21 December 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 5 September 1991, in Peru

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/52 - 91/51)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	OTHER ENTERO-VIRUS	ENTEROVIRUS ISOLATION CHARACTERIZATION				
			Not yet in Lab	<10 wks	>10 wks				Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	8	0	0	0	25.0	6	2	0	-----	0	0	0
	GUY	2	0	0	0	0.0	2	0	0	-----	0	0	0
	HAI	19	4	4	0	9.1	10	1	0	-----	0	0	0
	SUR	1	1	0	0	0.0	0	0	0	-----	0	0	0
	TRT	1	0	0	0	0.0	1	0	0	-----	0	0	0
FIO	BOL	55	12	2	7	35.3	22	2	1	FIO	9	0	0
	BRA	832	99	4	14	12.7	624	39	6	FIO	46	0	0
	PER	96	6	6	9	26.7	55	6	2	FIO	10	2	0
INC	COR	4	0	0	1	33.3	2	1	0	-----	0	0	0
	ELS	85	5	2	0	52.6	37	29	3	CDC	9	0	0
	GUT	83	0	2	0	30.9	56	22	0	CDC	3	0	0
	HON	38	3	0	0	57.1	15	15	0	CDC	4	0	0
	NIC	16	2	0	0	57.1	6	7	0	CDC	1	0	0
	PAN	8	0	0	0	50.0	4	3	0	CDC	1	0	0
INH	VEN	88	7	3	0	21.8	61	13	1	CDC	3	0	0
INS	COL	149	3	3	3	29.3	99	28	5	CDC	1	7	0
	ECU	55	2	5	0	18.8	39	9	0	-----	0	0	0
LSP	MEX	264	0	10	9	21.6	192	43	1	CDC	9	0	0
MAL	ARG	59	0	6	2	41.2	30	11	2	MAL	8	0	0
	CHI	10	0	0	1	11.1	8	1	0	-----	0	0	0
	PAR	22	1	0	0	66.7	7	13	0	MAL	1	0	0
	URU	3	0	0	1	50.0	1	1	0	-----	0	0	0
TOTAL		1898	145	47	47	23.0	1277	246	21		106	9	0

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/52 - 91/51)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	0	0	0	0	0	0	3	0	1	0	5
	ELS	2	0	1	0	0	0	0	0	0	0	0	0	3
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
FIO	BOL	0	0	0	0	0	0	0	0	0	1	0	0	1
	BRA	0	1	2	2	0	0	0	0	1	0	0	0	6
	PER	0	0	0	1	0	0	0	0	0	1	0	0	2
MAL	ARG	0	1	1	0	0	0	0	0	0	0	0	0	2
TOTAL		3	3	4	4	0	0	0	0	4	2	1	0	21

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/50 - 91/51)

SITE		VIRUS TYPE	DATE OF	
COUNTRY	STATE		COLLECTION	WK
Colombia	Magdalena	P1	12/29/90	52
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
Peru	Atlantico	P1	04/16/91	16
	Piura	P1	02/02/91	05
	Junin	P1	09/05/91	36

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	80	0.82
BOL	58	1.81	55	1.75
BRA	904	1.66	873	1.63
CAN	0	0.00	0	0.00
CAR	10	0.32	12	0.39
CHI	181	4.31	94	2.28
COL	208	1.76	178	1.54
COR	10	0.91	5	0.46
CUB	24	0.92	12	0.47
DOR	12	0.43	16	0.58
ECU	61	1.39	58	1.34
ELS	88	3.67	81	3.44
GUT	105	2.50	86	2.09
HAI	23	0.88	16	0.63
HON	69	3.00	35	1.55
MEX	340	1.19	362	1.30
NIC	17	0.94	23	1.30
PAN	9	1.00	8	0.91
PAR	33	1.94	23	1.38
PER	101	1.13	93	1.07
URU	6	0.67	5	0.57
USA	0	0.00	0	0.00
VEN	126	1.64	91	1.20
TOTAL	2496	1.12	2206	1.01

* ADJUSTED

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM	WEEKS																		
		1991	1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44	45	46	47	48	49	50	51
ARG	40	0	0	0	1	1	1	6	1	6	9	5	1	0	1	0	6	2	NR	
BOL	15	0	0	0	0	0	0	0	3	1	4	6	0	0	0	1	0	0	0	
BRA	188	0	0	0	0	1	3	1	5	13	32	39	25	22	16	22	8	1	0	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CHI	35	1	0	0	0	1	2	10	3	6	3	6	1	1	0	1	0	0	0	
COL	67	0	1	0	2	2	5	7	3	5	11	10	4	3	3	1	7	3	0	
COR	3	0	0	0	2	0	0	1	0	0	0	0	0	0	0	NR	0	0	0	
CUB	3	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	
DOR	7	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	NR	
ECU	27	0	0	1	1	1	1	0	4	1	5	3	4	0	2	2	1	1	0	
ELS	20	0	0	0	0	0	1	0	0	1	3	9	0	1	1	3	0	1	0	
GUT	14	0	0	0	0	1	2	1	0	0	0	1	1	3	2	0	2	1	NR	
HAI	16	0	0	1	1	2	1	2	1	6	1	1	NR	NR	NR	NR	NR	NR	NR	
HON	7	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	NR	
MEX	121	0	0	0	3	4	6	17	15	18	23	20	1	4	3	2	3	2	NR	
NIC	8	0	0	0	0	0	0	0	0	2	2	2	0	0	1	0	1	0	0	
PAN	5	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0	0	0	0	
PAR	3	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	
PER	10	0	0	0	0	0	1	0	1	0	0	3	0	0	0	3	2	NR	0	
URU	3	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	NR	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	39	0	2	0	1	1	0	2	5	7	8	4	2	3	2	2	0	0	0	
TOTAL	633	1	3	2	11	15	27	47	43	69	110	114	40	39	32	37	31	12	0	

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	4	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	3	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	18	7

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	3	3	2
BOL	0	0	0
BRA	14	14	10
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	10	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	2	0
GUT	0	0	2
HAI	1	1	0
HON	0	0	0
MEX	7	7	2
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	16	1
URU	0	0	0
USA	0	0	0
VEN	10	9	2
TOTAL	69	66	24

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
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Vol. 6, No. 50

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 14 December 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 5 September 1991, in Peru

Table No. 1
 Status of Analysis of Stool Samples, by Laboratory and Country,
 Last 52 Weeks (90/51 - 91/50)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS		ENTEROVIRUS ISOLATION CHARACTERIZATION			
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	8	0	0	0	25.0	6	2	0	-----	0	0	0
	GUY	2	0	0	0	0.0	2	0	0	-----	0	0	0
	HAI	19	4	4	0	9.1	10	1	0	-----	0	0	0
	SUR	1	1	0	0	0.0	0	0	0	-----	0	0	0
	TRT	1	0	0	0	0.0	1	0	0	-----	0	0	0
FIO	BOL	55	12	2	7	35.3	22	2	1	FIO	9	0	0
	BRA	846	94	7	14	12.6	639	40	6	FIO	46	0	0
	PER	102	6	6	9	25.9	60	6	2	FIO	11	2	0
INC	COR	4	0	1	0	33.3	2	1	0	-----	0	0	0
	ELS	87	4	0	0	53.0	39	32	3	CDC	9	0	0
	GUT	85	0	2	0	30.1	58	22	0	CDC	3	0	0
	HON	40	2	0	0	52.6	18	15	0	CDC	5	0	0
	NIC	14	0	0	0	57.1	6	7	0	CDC	1	0	0
	PAN	8	0	0	0	50.0	4	3	0	CDC	1	0	0
INH	VEN	88	7	3	0	21.8	61	13	1	CDC	3	0	0
INS	COL	152	5	5	2	28.6	100	27	5	CDC	1	7	0
	ECU	55	2	9	0	20.5	35	9	0	-----	0	0	0
LSP	MEX	265	0	12	7	21.5	193	43	1	CDC	9	0	0
MAL	ARG	61	0	6	2	39.6	32	11	2	MAL	8	0	0
	CHI	10	0	1	0	11.1	8	1	0	-----	0	0	0
	PAR	22	1	0	0	66.7	7	13	0	MAL	1	0	0
	URU	3	0	0	1	50.0	1	1	0	-----	0	0	0
TOTAL		1928	138	58	42	22.8	1304	249	21		107	9	0

Each sample relates to an individual

Table No. 2
 STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
 Last 52 Weeks (90/51 - 91/50)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	0	0	0	0	0	0	3	0	1	0	5
	ELS	2	0	1	0	0	0	0	0	0	0	0	0	3
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
FIO	BOL	0	0	0	0	0	0	0	0	0	1	0	0	1
	BRA	0	1	2	2	0	0	0	0	1	0	0	0	6
	PER	0	0	0	1	0	0	0	0	0	1	0	0	2
MAL	ARG	0	1	1	0	0	0	0	0	0	0	0	0	2
TOTAL		3	3	4	4	0	0	0	0	4	2	1	0	21

Table No. 3
 WILD POLIOVIRUS ISOLATED
 Last 52 Weeks (90/50 - 91/49)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	12/29/90	52
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
Peru	Atlantico	P1	04/16/91	16
	Piura	P1	02/02/91	05
	Junin	P1	09/05/91	36

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL CASES 1990	RATE 1990	CUMULATIVE CASES 1991	RATE 1991*
ARG	111	1.11	80	0.83
BOL	59	1.84	55	1.79
BRA	904	1.66	872	1.66
CAN	0	0.00	0	0.00
CAR	10	0.32	12	0.40
CHI	181	4.31	94	2.33
COL	208	1.76	175	1.54
COR	10	0.91	5	0.47
CUB	24	0.92	14	0.56
DOR	12	0.43	16	0.59
ECU	61	1.39	58	1.37
ELS	88	3.67	81	3.51
GUT	105	2.50	86	2.13
HAI	23	0.88	16	0.64
HON	69	3.00	35	1.58
MEX	340	1.19	362	1.32
NIC	17	0.94	23	1.33
PAN	9	1.00	8	0.92
PAR	33	1.94	23	1.41
PER	101	1.13	93	1.09
URU	6	0.67	5	0.58
USA	0	0.00	0	0.00
VEN	126	1.64	90	1.22
TOTAL	2497	1.13	2203	1.03

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM	WEEKS																	
	1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44	45	46	47	48	49	50	
ARG	40	0	0	0	1	1	1	6	1	6	9	5	1	0	1	0	6	2	
BOL	15	0	0	0	0	0	0	0	3	1	4	6	0	0	0	1	0	0	
BRA	187	0	0	0	0	1	3	1	5	13	32	39	25	22	16	21	8	1	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CHI	35	1	0	0	0	1	2	10	3	6	3	6	1	1	0	1	0	0	
COL	68	0	1	0	2	2	5	7	4	5	11	13	4	3	3	1	6	1	
COR	3	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	
CUB	6	0	0	0	0	0	1	1	2	0	1	1	0	0	0	0	0	0	
DOR	7	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	
ECU	27	0	0	1	1	1	1	0	4	1	5	3	4	0	2	2	1	1	
ELS	20	0	0	0	0	0	1	0	0	1	3	9	0	1	1	3	0	1	
GUT	14	0	0	0	0	1	2	1	0	0	0	1	1	3	2	0	2	1	
HAI	16	0	0	1	1	2	1	2	1	6	1	1	NR	NR	NR	NR	NR	NR	
HON	7	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	
MEX	121	0	0	0	3	4	6	17	15	18	23	20	1	4	3	2	3	2	
NIC	8	0	0	0	0	0	0	0	0	2	2	2	0	0	1	0	1	0	
PAN	5	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	
PAR	3	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	
PER	10	0	0	0	0	0	1	0	1	0	0	3	0	0	0	3	2	0	
URU	3	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	38	0	2	0	1	1	0	2	5	7	8	4	2	2	2	2	0	0	
TOTAL	635	1	3	2	11	15	27	48	46	69	110	117	40	38	32	36	30	10	

* ADJUSTED

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	3	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	3	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	17	7

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	3	3	2
BOL	0	0	0
BRA	14	14	10
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	10	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	2	0
GUT	0	0	2
HAI	1	1	0
HON	0	0	0
MEX	7	7	2
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	16	1
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	69	65	24

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No. 49

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 7 December 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 5 September 1991, in Peru

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/50 - 91/49)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION			CHARACTERIZATION			
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	Wild	P3
CAR	DOR	8	0	0	0	25.0	6	2	0	-----	0	0	0	0
	GUY	2	0	1	0	0.0	1	0	0	-----	0	0	0	0
	HAI	19	4	4	0	9.1	10	1	0	-----	0	0	0	0
	SUR	1	1	0	0	0.0	0	0	0	-----	0	0	0	0
	TRT	1	0	0	0	0.0	1	0	0	-----	0	0	0	0
FIO	BOL	55	12	2	7	35.3	22	2	1	FIO	9	0	0	0
	BRA	834	87	9	14	12.4	634	40	6	FIO	44	0	0	0
	PER	99	2	7	9	25.9	60	6	1	FIO	12	2	0	0
INC	COR	4	0	1	0	33.3	2	1	0	-----	0	0	0	0
	ELS	85	2	3	0	53.8	37	31	3	CDC	9	0	0	0
	GUT	85	0	5	0	31.3	55	22	0	CDC	3	0	0	0
	HON	42	1	1	0	50.0	20	15	0	CDC	5	0	0	0
	NIC	14	0	0	0	57.1	6	7	0	CDC	1	0	0	0
	PAN	8	0	0	0	50.0	4	3	0	CDC	1	0	0	0
INH	VEN	89	7	3	0	21.5	62	13	1	CDC	3	0	0	0
INS	COL	155	3	7	1	29.2	102	29	5	CDC	1	7	0	0
	ECU	53	4	6	0	20.9	34	9	0	-----	0	0	0	0
LSP	MEX	255	0	16	6	21.5	183	40	1	CDC	9	0	0	0
MAL	ARG	49	0	0	1	37.5	30	10	0	MAL	8	0	0	0
	CHI	10	0	1	0	11.1	8	1	0	-----	0	0	0	0
	PAR	22	0	1	0	66.7	7	13	0	MAL	1	0	0	0
	URU	3	0	0	1	50.0	1	1	0	-----	0	0	0	0
TOTAL		1893	123	67	39	22.8	1285	246	18		106	9	0	0

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/50 - 91/49)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	0	0	0	0	0	0	3	0	1	0	5
	ELS	2	0	1	0	0	0	0	0	0	0	0	0	3
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
	BOL	0	0	0	0	0	0	0	0	0	1	0	0	1
	BRA	0	1	2	2	0	0	0	0	1	0	0	0	6
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		3	2	3	4	0	0	0	0	4	1	1	0	18

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/50 - 91/49)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	12/29/90	52
Peru	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
	Atlantico	P1	04/16/91	16
	Piura	P1	02/02/91	05
	Junin	P1	09/05/91	36

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	112	1.12	75	0.80
BOL	59	1.84	55	1.82
BRA	904	1.66	854	1.66
CAN	0	0.00	0	0.00
CAR	10	0.32	12	0.41
CHI	181	4.31	94	2.38
COL	208	1.76	170	1.53
COR	10	0.91	5	0.48
CUB	24	0.92	14	0.57
DOR	12	0.43	16	0.61
ECU	61	1.39	57	1.37
ELS	88	3.67	78	3.45
GUT	105	2.50	84	2.12
HAI	23	0.88	16	0.65
HON	69	3.00	33	1.52
MEX	340	1.19	344	1.28
NIC	17	0.94	23	1.36
PAN	9	1.00	8	0.94
PAR	33	1.94	23	1.44
PER	101	1.13	91	1.09
URU	6	0.67	5	0.59
USA	0	0.00	0	0.00
VEN	126	1.64	90	1.24
TOTAL	2498	1.13	2147	1.03

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM	WEEKS																		
		1991	1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44	45	46	47	48	49		
ARG	39	1	0	0	1	1	2	6	1	7	10	5	0	0	0	0	0	5		
BOL	15	0	0	0	0	0	0	0	3	1	4	6	0	0	0	0	1	0		
BRA	180	0	0	0	0	0	1	3	1	5	13	38	43	25	21	14	14	2		
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAR	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1		
CHI	35	1	0	0	0	1	2	10	3	6	3	6	1	1	0	1	0	0		
COL	66	0	1	0	3	2	5	6	4	6	12	13	4	3	3	1	3	0		
COR	3	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0		
CUB	6	0	0	0	0	0	0	1	1	2	0	1	1	0	0	0	0	0		
DOR	8	0	0	0	0	0	0	0	1	0	0	5	2	0	0	0	0	0		
ECU	26	0	0	1	1	1	1	0	4	1	5	3	4	0	0	2	3	0		
ELS	17	0	0	0	0	0	0	1	0	0	1	3	9	0	1	1	1	0		
GUT	12	0	0	0	0	0	1	2	1	0	0	0	1	1	3	2	0	1		
HAI	16	0	0	1	1	2	1	2	1	6	1	1	1	NR	NR	NR	NR	NR		
HON	5	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0		
MEX	112	0	0	0	3	4	6	17	16	18	26	21	0	0	0	0	0	0		
NIC	8	0	0	0	0	0	0	0	0	2	2	2	0	0	0	1	0	1		
PAN	5	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0	0	0		
PAR	3	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0		
PER	14	0	0	0	0	0	0	1	0	1	2	1	5	0	0	1	2	1		
URU	3	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	NR		
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
VEN	38	0	2	0	1	1	0	2	5	7	8	4	2	2	2	2	2	2		
TOTAL	613	2	3	2	12	15	28	48	47	73	122	124	38	33	27	25	14			

* ADJUSTED

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	3	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	3	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	17	7

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	5	5	2
BOL	0	0	0
BRA	14	14	10
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	10	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	2
HAI	1	1	0
HON	0	0	0
MEX	7	6	2
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	16	1
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	71	65	24

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Vol. 6, No. 48

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 30 November 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/49 - 91/48)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION				CHARACTERIZATION		Wild P1	P3
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine				
CAR	DOR	8	0	0	0	25.0	6	2	0	-----	0	0	0		
	GUY	2	0	1	0	0.0	1	0	0	-----	0	0	0		
	HAI	21	4	4	0	15.4	11	2	0	-----	0	0	0		
	SUR	1	1	0	0	0.0	0	0	0	-----	0	0	0		
	TRT	1	0	0	0	0.0	1	0	0	-----	0	0	0		
FIO	BOL	56	12	1	7	33.3	24	2	1	FIO	9	0	0		
	BRA	828	73	11	23	13.3	625	43	6	FIO	47	0	0		
	PER	103	1	7	9	25.6	64	6	1	FIO	13	1	0		
INC	COR	5	0	1	0	25.0	3	1	0	-----	0	0	0		
	ELS	85	2	4	0	53.2	37	31	2	CDC	9	0	0		
	GUT	84	0	4	0	31.3	55	22	0	CDC	3	0	0		
	HON	42	0	1	0	48.8	21	15	0	CDC	5	0	0		
	NIC	14	0	0	0	57.1	6	7	0	CDC	1	0	0		
	PAN	8	0	0	0	50.0	4	3	0	CDC	1	0	0		
INH	VEN	87	5	2	0	21.3	63	13	1	CDC	3	0	0		
INS	COL	155	7	10	0	30.4	96	29	5	CDC	1	7	0		
	ECU	53	7	5	0	19.5	33	8	0	-----	0	0	0		
LSP	MEX	260	0	17	5	21.4	187	41	1	CDC	9	0	0		
MAL	ARG	55	0	0	1	35.2	35	11	0	MAL	8	0	0		
	CHI	10	0	1	0	11.1	8	1	0	-----	0	0	0		
	PAR	22	1	0	0	71.4	6	14	0	MAL	1	0	0		
	URU	3	1	0	1	100.0	0	1	0	-----	0	0	0		
TOTAL		1903	114	69	46	23.2	1286	252	17		110	8	0		

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/49 - 91/48)

LAB	COUNTRY	POLIOVIRUS													TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks					
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX		
CDC	COL	1	0	0	0	0	0	0	0	3	0	1	0	5	
	ELS	1	0	1	0	0	0	0	0	0	0	0	0	2	
FIO	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1	
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1	
	BOL	0	0	0	0	0	0	0	0	0	1	0	0	1	
	BRA	0	1	2	2	0	0	0	0	1	0	0	0	6	
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1	
	TOTAL	2	2	3	4	0	0	0	0	4	1	1	0	17	

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/48 - 91/47)

COUNTRY	SITE	STATE	VIRUS TYPE	DATE OF COLLECTION	WK
Colombia	Magdalena		P1	12/29/90	52
Colombia	Bolivar		P1	01/08/91	02
	Bolivar		P1	02/25/91	09
	Atlantico		P1	03/19/91	12
	Bolivar		P1	03/26/91	13
	Bolivar		P1	04/15/91	16
Peru	Atlantico		P1	04/16/91	16
	Piura		P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	112	1.12	70	0.76
BOL	59	1.84	53	1.79
BRA	904	1.66	833	1.65
CAN	0	0.00	0	0.00
CAR	10	0.32	11	0.38
CHI	181	4.31	94	2.42
COL	208	1.76	166	1.52
COR	10	0.91	5	0.49
CUB	24	0.92	14	0.58
DOR	12	0.43	16	0.62
ECU	61	1.39	55	1.35
ELS	88	3.67	78	3.52
GUT	105	2.50	83	2.14
HAI	23	0.88	16	0.67
HON	69	3.00	32	1.51
MEX	340	1.19	344	1.31
NIC	17	0.94	22	1.32
PAN	9	1.00	8	0.96
PAR	33	1.94	22	1.40
PER	101	1.13	90	1.10
URU	6	0.67	5	0.60
USA	0	0.00	0	0.00
VEN	126	1.64	89	1.25
TOTAL	2498	1.13	2106	1.03

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM	WEEKS															
		1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44	45	46	47	48
ARG	34	1	0	0	0	1	1	2	6	1	7	10	5	0	0	0	NR
BOL	14	0	0	0	0	0	0	0	0	3	1	4	6	0	0	0	0
BRA	185	0	0	0	0	0	2	4	1	7	18	40	54	25	21	10	3
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
CHI	35	1	0	0	0	0	1	2	10	3	6	3	6	1	1	0	1
COL	63	0	1	0	0	3	2	5	6	4	6	13	13	4	3	2	1
COR	3	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
CUB	6	0	0	0	0	0	0	1	1	2	0	1	1	0	0	0	NR
DOR	8	0	0	0	0	0	0	0	1	0	0	5	2	0	0	0	0
ECU	24	0	0	1	1	1	1	1	0	4	1	5	3	4	0	2	1
ELS	18	0	0	0	0	0	0	1	0	0	2	3	9	0	1	1	1
GUT	11	0	0	0	0	0	1	2	1	0	0	0	1	1	3	2	0
HAI	16	0	0	1	1	1	2	1	2	1	6	1	1	NR	NR	NR	NR
HON	4	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	NR
MEX	112	0	0	0	0	3	4	6	17	16	18	26	21	0	1	0	NR
NIC	7	0	0	0	0	0	0	0	0	0	2	2	2	0	0	1	0
PAN	5	0	0	0	0	0	1	1	0	0	1	2	0	0	0	0	NR
PAR	3	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0
PER	19	0	0	0	0	0	0	1	0	1	2	3	7	2	0	1	2
URU	3	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	37	0	2	0	1	1	1	0	2	5	7	8	4	2	2	2	1
TOTAL	608	2	3	2	12	16	29	48	49	80	127	137	39	33	21	10	

* ADJUSTED

NR NO REPORT RECEIVED

Table No. 3

CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	3	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	3	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	17	6

Table No. 4

POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	5	5	2
BOL	0	0	0
BRA	14	14	10
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	10	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	2
HAI	1	1	0
HON	0	0	0
MEX	7	5	2
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	15	1
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	71	63	24

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No. 47

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 23 November 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/48 - 91/47)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	OTHER ENTERO-VIRUS	ENTEROVIRUS ISOLATION CHARACTERIZATION	Pending	Lab.	Vaccine	Wild	
			Not yet in Lab	<10 wks	>10 wks								P1	P3
CAR	DOR	8	0	0	0	25.0	6	2	0	0	-----	0	0	0
	GUY	2	0	1	0	0.0	1	0	0	0	-----	0	0	0
	HAI	21	8	0	0	15.4	11	2	0	0	-----	0	0	0
	TRT	1	0	0	0	0.0	1	0	0	0	-----	0	0	0
FIO	BOL	56	11	1	6	36.8	24	3	1	FIO	10	0	0	0
	BRA	816	59	18	25	14.0	614	47	9	FIO	44	0	0	0
	PER	106	3	6	9	26.1	65	6	4	FIO	12	1	0	0
INC	COR	5	0	1	0	25.0	3	1	0	-----	0	0	0	0
	ELS	86	0	4	0	52.4	39	31	2	CDC	10	0	0	0
	GUT	85	0	4	0	32.1	55	22	0	CDC	4	0	0	0
	HON	45	0	1	0	47.7	23	16	0	CDC	5	0	0	0
	NIC	14	0	0	0	57.1	6	7	0	CDC	1	0	0	0
	PAN	8	0	0	0	50.0	4	3	0	CDC	1	0	0	0
INH	VEN	84	5	3	1	20.0	60	11	1	CDC	3	0	0	0
INS	COL	147	5	11	0	30.5	91	27	5	CDC	1	7	0	0
	ECU	51	4	5	0	19.0	34	8	0	-----	0	0	0	0
LSP	MEX	261	0	19	3	21.3	188	41	1	CDC	9	0	0	0
MAL	ARG	60	0	0	1	33.9	39	12	0	MAL	8	0	0	0
	CHI	8	0	1	0	14.3	6	1	0	-----	0	0	0	0
	PAR	22	1	0	0	71.4	6	14	0	MAL	1	0	0	0
	URU	3	1	0	1	100.0	0	1	0	-----	0	0	0	0
TOTAL		1889	97	75	46	23.6	1276	255	23		109	8	0	0

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/48 - 91/47)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	0	0	0	0	0	2	0	1	0	5
	ELS	1	0	1	0	0	0	0	0	0	0	0	0	2
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
	BOL	0	0	0	0	0	0	0	0	0	1	0	0	1
	BRA	0	2	4	2	0	0	0	0	1	0	0	0	9
	PER	0	0	0	1	1	2	0	0	0	0	0	0	4
TOTAL		3	3	5	4	1	2	0	0	3	1	1	0	23

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/48 - 91/47)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	12/29/90	52
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
Peru	Atlantico	P1	04/16/91	16
	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	112	1.12	70	0.77
BOL	59	1.84	52	1.80
BRA	904	1.66	798	1.62
CAN	0	0.00	0	0.00
CAR	10	0.32	11	0.39
CHI	181	4.31	93	2.45
COL	208	1.76	156	1.46
COR	10	0.91	5	0.50
CUB	24	0.92	11	0.47
DOR	12	0.43	16	0.63
ECU	61	1.39	53	1.33
ELS	88	3.67	75	3.46
GUT	105	2.50	83	2.19
HAI	23	0.88	16	0.68
HON	69	3.00	32	1.54
MEX	340	1.19	344	1.34
NIC	17	0.94	21	1.29
PAN	9	1.00	8	0.98
PAR	33	1.94	22	1.43
PER	101	1.13	88	1.09
URU	6	0.67	5	0.61
USA	0	0.00	0	0.00
VEN	126	1.64	85	1.22
TOTAL	2498	1.13	2044	1.02

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

CTRY	CUM	WEEKS																
	1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41	42	43	44	45	46	47
ARG	34	1	0	0	1	1	2	6	1	7	10	2	0	3	0	0	0	NR
BOL	16	0	0	0	0	0	0	0	3	4	4	1	2	1	1	0	0	NR
BRA	174	0	0	0	1	2	3	1	8	23	53	13	13	17	9	19	12	0
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NR
CHI	34	1	0	0	0	1	2	10	3	6	3	1	1	3	1	1	1	0
COL	63	0	1	0	3	2	6	5	4	7	16	3	6	3	1	4	2	NR
COR	3	0	0	0	2	0	0	1	0	0	0	0	NR	NR	NR	NR	NR	NR
CUB	3	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	NR
DOR	8	0	0	0	0	0	0	1	0	0	5	0	0	0	1	0	0	0
ECU	28	0	0	1	1	1	2	0	4	5	6	1	1	0	1	4	0	1
ELS	16	0	0	0	0	0	1	0	0	2	4	3	2	2	2	0	0	0
GUT	11	0	0	0	0	1	2	1	0	0	0	0	0	1	0	1	3	2
HAI	16	0	0	1	1	2	1	2	1	6	1	0	1	NR	NR	NR	NR	NR
HON	4	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
MEX	112	0	0	0	3	4	6	17	16	18	26	6	5	3	7	0	1	0
NIC	6	0	0	0	0	0	0	0	0	2	2	0	0	1	1	0	0	0
PAN	5	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0	0	0
PAR	3	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	NR
PER	22	0	0	1	0	0	1	0	1	3	6	0	4	2	1	2	0	1
URU	3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	NR
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	36	0	2	0	1	1	1	2	5	8	9	1	2	0	1	1	2	0
TOTAL	597	2	3	3	13	16	30	47	49	95	148	32	38	37	26	32	22	4

* ADJUSTED

NR NO REPORT RECEIVED

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

CTRY	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	3	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	3	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	17	6

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

CTRY	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	5	5	2
BOL	0	0	0
BRA	14	14	10
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	8	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	2
HAI	1	1	0
HON	0	0	0
MEX	7	5	2
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	15	1
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	71	61	24

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

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Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 16 November 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/47 - 91/46)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION		CHARACTERIZATION			
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	9	0	0	0	22.2	7	2	0	-----	0	0	0
	GUY	2	0	1	0	0.0	1	0	0	-----	0	0	0
	HAI	21	8	0	0	15.4	11	2	0	-----	0	0	0
	TRT	1	0	0	0	0.0	1	0	0	-----	0	0	0
FIO	BOL	56	12	0	9	31.4	24	2	1	FIO	8	0	0
	BRA	819	62	20	20	13.2	622	47	6	FIO	42	0	0
	PER	104	5	9	10	23.8	61	6	1	FIO	11	1	0
INC	COR	5	0	1	0	25.0	3	1	0	-----	0	0	0
	ELS	86	4	1	0	51.9	39	31	1	CDC	10	0	0
	GUT	85	0	1	0	32.1	57	23	0	CDC	4	0	0
	HON	48	0	1	0	48.9	24	18	0	CDC	5	0	0
	NIC	14	0	0	0	57.1	6	7	0	CDC	1	0	0
	PAN	8	0	0	0	50.0	4	3	0	CDC	1	0	0
INH	VEN	83	3	3	1	21.1	60	12	1	CDC	3	0	0
INS	COL	148	4	10	0	31.3	92	28	5	CDC	1	8	0
	ECU	50	3	4	0	20.9	34	9	0	-----	0	0	0
LSP	MEX	262	0	19	3	21.3	189	41	1	CDC	9	0	0
MAL	ARG	62	0	0	1	32.8	41	12	0	MAL	8	0	0
	CHI	9	0	1	0	25.0	6	1	0	MAL	1	0	0
	PAR	22	1	0	0	71.4	6	14	0	MAL	1	0	0
	URU	2	0	0	1	100.0	0	1	0	-----	0	0	0
TOTAL		1896	102	71	45	23.2	1288	260	16		105	9	0

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/47 - 91/46)

LAB	COUNTRY	NOT YET IN LAB				POLIOVIRUS IN LAB < 4 Wks				IN LAB > 4 Wks				TOTAL
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	0	1	0	0	0	1	0	1	0	5
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
FIO	BOL	0	0	0	0	0	0	0	0	0	1	0	0	1
	BRA	0	1	2	2	0	0	0	0	1	0	0	0	6
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		3	2	2	4	1	0	0	0	2	1	1	0	16

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/47 - 91/46)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
	Atlantico	P1	04/16/91	16
Peru	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	112	1.12	70	0.79
BOL	59	1.84	52	1.84
BRA	904	1.66	788	1.63
CAN	0	0.00	0	0.00
CAR	10	0.32	11	0.40
CHI	181	4.31	93	2.50
COL	208	1.76	156	1.49
COR	10	0.91	5	0.51
CUB	24	0.92	11	0.48
DOR	12	0.43	16	0.65
ECU	61	1.39	52	1.34
ELS	88	3.67	75	3.53
GUT	105	2.50	81	2.18
HAI	23	0.88	16	0.70
HON	69	3.00	32	1.57
MEX	340	1.19	344	1.36
NIC	17	0.94	21	1.32
PAN	9	1.00	8	1.00
PAR	33	1.94	22	1.46
PER	101	1.13	86	1.09
URU	6	0.67	4	0.50
USA	0	0.00	0	0.00
VEN	126	1.64	85	1.25
TOTAL	2498	1.13	2028	1.03

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

CTRY	CUM 1991	WEEKS															
		1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41	42	43	44	45	46
ARG	34	1	0	0	1	1	2	6	1	7	10	2	0	3	0	0	0
BOL	16	0	0	0	0	0	0	0	3	4	4	1	2	1	1	0	0
BRA	183	0	0	0	1	2	3	1	9	29	59	16	16	17	9	20	1
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHI	34	1	0	0	0	1	2	10	3	6	3	1	1	3	1	1	1
COL	63	0	1	0	3	2	6	5	4	7	16	3	6	3	1	4	2
COR	3	0	0	0	2	0	0	1	0	0	0	0	NR	NR	NR	NR	NR
CUB	3	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	NR
DOR	8	0	0	0	0	0	0	1	0	0	5	0	0	1	1	0	0
ECU	27	0	0	1	1	1	2	0	4	5	6	1	1	0	1	4	0
ELS	16	0	0	0	0	0	1	0	0	2	4	3	2	2	2	0	0
GUT	9	0	0	0	0	1	2	1	0	0	0	0	0	1	0	1	3
HAI	16	0	0	1	1	2	1	2	1	6	1	0	1	NR	NR	NR	NR
HON	4	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
MEX	112	0	0	0	3	4	6	17	16	18	26	6	5	3	7	0	1
NIC	6	0	0	0	0	0	0	0	0	2	2	0	0	1	1	0	NR
PAN	5	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0	0
PAR	3	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	NR
PER	28	0	0	1	0	0	1	0	1	5	11	1	4	2	1	1	NR
URU	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	NR
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	36	0	2	0	1	1	1	2	5	8	9	1	2	0	1	1	2
TOTAL	608	2	3	3	13	16	30	47	50	103	159	36	41	37	26	32	

* ADJUSTED

NR NO REPORT RECEIVED

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

CTRY	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	3	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	3	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	17	6

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

CTRY	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	5	5	2
BOL	0	0	0
BRA	14	13	10
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	8	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	2
HAI	1	1	0
HON	0	0	0
MEX	7	5	2
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	15	0
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	71	60	23

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No. 45

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 9 November 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/46 - 91/45)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	OTHER ENTERO-VIRUS	ENTEROVIRUS ISOLATION CHARACTERIZATION				
			Not yet in Lab	<10 wks	>10 wks				Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	9	0	0	0	22.2	7	2	0	-----	0	0	0
	GUY	1	0	0	0	0.0	1	0	0	-----	0	0	0
	HAI	19	6	0	0	15.4	11	2	0	-----	0	0	0
	TRT	1	0	0	0	0.0	1	0	0	-----	0	0	0
FIO	BOL	54	10	5	4	34.3	23	3	1	FIO	8	0	0
	BRA	835	71	36	28	13.9	603	45	7	FIO	45	0	0
	PER	106	4	26	5	26.8	52	6	1	FIO	11	1	0
INC	COR	5	0	1	0	25.0	3	1	0	-----	0	0	0
	ELS	88	4	3	0	51.9	39	31	2	CDC	9	0	0
	GUT	87	0	1	0	31.4	59	23	0	CDC	4	0	0
	HON	48	0	0	0	45.8	26	17	0	CDC	4	0	0
	NIC	14	0	0	0	57.1	6	7	0	INC	1	0	0
	PAN	8	0	0	0	37.5	5	3	0	CDC	1	0	0
										-----	0	0	0
INH	VEN	82	2	3	1	21.1	60	12	1	CDC	3	0	0
INS	COL	142	4	10	0	30.5	89	26	5	CDC	0	8	0
	ECU	49	3	4	0	19.0	34	8	0	-----	0	0	0
LSP	MEX	234	3	10	6	21.9	168	37	1	CDC	9	0	0
MAL	ARG	65	0	0	1	32.8	43	12	0	MAL	9	0	0
	CHI	8	0	2	0	33.3	4	1	0	MAL	1	0	0
	PAR	23	1	0	0	68.2	7	14	0	MAL	1	0	0
	URU	2	0	0	1	100.0	0	1	0	-----	0	0	0
TOTAL		1880	108	101	46	23.6	1241	251	18		106	9	0

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/46 - 91/45)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	0	1	0	0	0	1	0	1	0	5
	ELS	1	0	0	0	1	0	0	0	0	0	0	0	2
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
	BOL	0	0	0	0	0	0	0	0	0	1	0	0	1
	BRA	0	1	2	2	0	1	0	0	1	0	0	0	7
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		3	2	2	4	2	1	0	0	2	1	1	0	18

Table No. 3 - WILD POLIOVIRUS I
Last 52 Weeks (90/46 - 91/45)

COUNTRY	SITE	STATE	VIRUS TYPE	DATE OF COLLECTION	WK
Colombia	Magdalena		P1	11/20/90	47
	Magdalena		P1	12/29/90	52
Colombia	Bolivar		P1	01/08/91	02
	Bolivar		P1	02/25/91	09
	Atlantico		P1	03/19/91	12
	Bolivar		P1	03/26/91	13
	Bolivar		P1	04/15/91	16
	Atlantico		P1	04/16/91	16
Peru	Piura		P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	112	1.12	70	0.81
BOL	59	1.84	49	1.77
BRA	904	1.66	785	1.66
CAN	0	0.00	0	0.00
CAR	10	0.32	10	0.37
CHI	181	4.31	92	2.53
COL	208	1.76	150	1.47
COR	10	0.91	5	0.53
CUB	24	0.92	11	0.49
DOR	12	0.43	16	0.66
ECU	61	1.39	50	1.31
ELS	88	3.67	75	3.61
GUT	105	2.50	76	2.09
HAI	23	0.88	16	0.71
HON	69	3.00	31	1.56
MEX	340	1.19	333	1.35
NIC	17	0.94	21	1.35
PAN	9	1.00	8	1.03
PAR	33	1.94	22	1.50
PER	101	1.13	86	1.12
URU	6	0.67	4	0.51
USA	0	0.00	0	0.00
VEN	126	1.64	83	1.25
TOTAL	2498	1.13	1993	1.04

* ADJUSTED

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

CTRY	CUM	WEEKS														
	1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41	42	43	44	45
ARG	34	1	0	0	1	1	2	6	1	7	10	2	0	3	0	0
BOL	13	0	0	0	0	0	0	0	3	4	3	1	2	0	0	0
BRA	180	0	0	0	1	2	3	1	9	29	59	16	16	17	9	18
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHI	33	1	0	0	0	1	2	10	3	6	3	1	1	3	1	1
COL	65	0	1	2	4	2	6	5	5	9	16	3	6	4	1	1
COR	3	0	0	0	2	0	0	1	0	0	0	0	NR	NR	NR	NR
CUB	3	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
DOR	8	0	0	0	0	0	0	1	0	0	5	0	0	1	1	0
ECU	25	0	0	1	1	1	2	0	4	5	6	1	1	0	1	2
ELS	17	0	0	0	0	0	1	0	1	2	4	3	2	2	2	0
GUT	5	0	0	0	0	1	2	1	0	0	0	0	0	1	0	NR
HAI	16	0	0	1	1	2	1	2	1	6	1	0	1	NR	NR	NR
HON	3	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
MEX	128	0	0	0	3	10	5	24	19	19	29	6	4	4	5	0
NIC	6	0	0	0	0	0	0	0	0	2	2	0	0	1	1	0
PAN	5	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0
PAR	3	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0
PER	28	0	0	1	0	0	1	0	1	5	11	1	4	2	1	1
URU	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	35	0	2	0	1	1	1	2	6	8	9	1	2	0	1	1
TOTAL	612	2	3	5	14	22	29	54	56	106	161	35	40	38	23	24

NR NO REPORT RECEIVED

Table No. 3

CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

CTRY	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	2	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	15	6

Table No. 4

POLIO COMPATIBLE CASES
BY WEEK OF ONSET

CTRY	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	5	3	2
BOL	0	0	0
BRA	14	13	10
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	7	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	1
HAI	1	1	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	15	0
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	71	57	21

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Vol. 6, No. 44

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 2 November 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
 Status of Analysis of Stool Samples, by Laboratory and Country,
 Last 52 Weeks (90/45 - 91/44)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					Wild P1	P3
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine			
CAR	DOR	9	0	0	0	22.2	7	2	0	----	0	0	0	0
	GUY	1	0	1	0	0.0	0	0	0	----	0	0	0	0
	HAI	19	6	0	0	15.4	11	2	0	----	0	0	0	0
	TRT	1	0	1	0	0.0	0	0	0	----	0	0	0	0
CHI	CHI	11	0	0	0	18.2	9	2	0	----	0	0	0	0
FIO	BOL	55	10	5	4	36.1	23	4	1	FIO	8	0	0	0
	BRA	829	62	33	32	14.1	603	47	9	FIO	43	0	0	0
	PER	107	12	18	5	26.4	53	6	1	FIO	11	1	0	0
INC	COR	5	0	1	0	25.0	3	1	0	----	0	0	0	0
	ELS	88	1	6	0	53.1	38	32	2	CDC	9	0	0	0
	GUT	89	0	1	0	31.8	60	24	0	CDC	4	0	0	0
	HON	48	0	0	0	45.8	26	17	0	CDC	4	0	0	0
	NIC	14	0	1	0	53.8	6	6	0	INC	1	0	0	0
	PAN	8	0	0	0	37.5	5	3	0	----	0	0	0	0
INH	VEN	84	2	6	0	21.1	60	12	1	CDC	3	0	0	0
INS	COL	142	6	5	1	30.0	91	26	5	CDC	0	8	0	0
	ECU	49	5	2	0	19.0	34	8	0	----	0	0	0	0
LSP	MEX	241	1	12	4	21.4	176	38	1	CDC	9	0	0	0
MAL	ARG	66	0	0	1	32.3	44	12	0	MAL	9	0	0	0
	CHI	3	0	2	0	100.0	0	0	0	MAL	1	0	0	0
	PAR	25	0	2	0	60.9	9	13	0	MAL	1	0	0	0
	URU	2	0	0	1	100.0	0	1	0	----	0	0	0	0
TOTAL		1896	105	96	48	23.6	1258	256	20		104	9	0	0

* Each sample relates to an individual

Table No. 2
 STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
 Last 52 Weeks (90/45 - 91/44)

LAB	COUNTRY	NOT YET IN LAB				POLIOVIRUS IN LAB < 4 Wks				IN LAB > 4 Wks				TOTAL
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	0	0	0	0	3	0	0	0	1	0	1	0	5
	ELS	2	0	0	0	0	0	0	0	0	0	0	0	2
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
FIO	BOL	0	0	0	0	0	0	0	0	0	1	0	0	1
	BRA	1	1	2	4	0	1	0	0	0	0	0	0	9
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		3	2	2	6	3	1	0	0	1	1	1	0	20

Table No. 3 - WILD POLIOVIRUS ISOLATED
 Last 52 Weeks (90/45 - 91/44)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
Peru	Atlantico	P1	04/16/91	16
	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	70	0.83
BOL	59	1.84	49	1.81
BRA	904	1.66	763	1.65
CAN	0	0.00	0	0.00
CAR	10	0.32	10	0.38
CHI	181	4.31	89	2.50
COL	208	1.76	147	1.47
COR	10	0.91	5	0.54
CUB	24	0.92	9	0.41
DOR	12	0.43	16	0.68
ECU	61	1.39	47	1.26
ELS	88	3.67	71	3.50
GUT	105	2.50	76	2.14
HAI	23	0.88	16	0.73
HON	69	3.00	31	1.59
MEX	340	1.19	333	1.38
NIC	17	0.94	20	1.31
PAN	9	1.00	8	1.05
PAR	33	1.94	22	1.53
PER	101	1.13	85	1.13
URU	6	0.67	4	0.53
USA	0	0.00	0	0.00
VEN	126	1.64	82	1.26
TOTAL	2497	1.13	1953	1.04

* ADJUSTED

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM	WEEKS														
		1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41	42	43	44
ARG	34	1	0	0	1	1	2	6	1	7	10	2	0	3	0	0
BOL	13	0	0	0	0	0	0	0	3	4	3	1	2	0	0	0
BRA	226	1	0	1	2	9	9	11	26	39	71	18	16	18	5	5
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	5	0	0	0	0	0	0	0	3	0	2	0	0	0	0	NR
CHI	30	1	0	0	0	1	2	10	3	6	3	1	1	2	0	0
COL	63	0	1	2	4	2	6	5	5	9	16	3	6	4	0	0
COR	3	0	0	0	2	0	0	1	0	0	0	0	NR	NR	NR	NR
CUB	3	0	0	0	0	0	1	1	1	0	0	0	0	0	0	NR
DOR	8	0	0	0	0	0	0	1	0	0	5	0	0	1	1	1
ECU	22	0	0	1	1	1	2	0	4	5	6	1	1	0	0	0
ELS	15	0	0	0	0	0	1	0	2	3	4	3	2	0	0	0
GUT	5	0	0	0	0	0	1	2	1	0	0	0	0	1	0	0
HAI	16	0	0	1	1	2	1	2	1	6	1	0	1	NR	NR	NR
HON	3	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
MEX	128	0	0	0	3	10	5	24	19	19	29	6	4	4	5	5
NIC	5	0	0	0	0	0	0	0	0	2	2	0	0	1	0	0
PAN	5	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0
PAR	3	0	0	0	0	0	1	0	0	1	0	0	1	0	0	NR
PER	30	0	0	1	0	1	1	1	1	5	11	1	5	2	1	1
URU	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	35	0	2	0	1	1	1	2	6	9	9	1	2	0	0	0
TOTAL	654	2	3	6	15	30	35	65	77	118	175	37	41	36	13	13

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	2	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	15	6

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	5	2	2
BOL	0	0	0
BRA	14	13	11
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	7	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	1
HAI	1	1	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	15	0
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	71	56	22

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

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Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 26 October 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/44 - 91/43)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION					
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	CHARACTERIZATION			
										Lab.	Vaccine	Wild P1	P3
CAR	DOR	9	0	0	0	22.2	7	2	0	-----	0	0	0
	GUY	1	0	1	0	0.0	0	0	0	-----	0	0	0
	HAI	19	6	0	0	15.4	11	2	0	-----	0	0	0
	TRT	1	0	1	0	0.0	0	0	0	-----	0	0	0
CHI	CHI	11	0	0	0	18.2	9	2	0	-----	0	0	0
FIO	BOL	50	3	7	8	37.5	20	3	2	FIO	7	0	0
	BRA	835	74	45	28	14.8	586	49	9	FIO	44	0	0
	PER	107	22	6	16	23.8	48	2	1	FIO	11	1	0
INC	COR	5	0	1	0	25.0	3	1	0	-----	0	0	0
	ELS	89	2	7	0	53.8	37	33	1	CDC	9	0	0
	GUT	91	0	1	0	32.2	61	25	0	CDC	4	0	0
	HON	51	0	2	0	44.9	27	17	0	CDC	4	0	0
	NIC	14	0	3	0	63.6	4	6	0	INC	1	0	0
	PAN	8	0	0	0	37.5	5	3	0	CDC	1	0	0
INH	VEN	88	2	13	0	21.9	57	12	1	CDC	3	0	0
INS	COL	145	5	10	1	27.1	94	23	4	CDC	0	8	0
	ECU	49	7	2	1	15.4	33	6	0	-----	0	0	0
LSP	MEX	247	1	14	2	22.2	179	41	1	CDC	9	0	0
MAL	ARG	67	0	0	2	32.3	44	12	0	MAL	9	0	0
	CHI	4	0	3	0	100.0	0	0	0	MAL	1	0	0
	PAR	26	1	1	0	58.3	10	13	0	MAL	1	0	0
	URU	2	0	0	1	100.0	0	1	0	-----	0	0	0
TOTAL		1919	123	117	59	23.8	1235	253	19		104	9	0

* Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/44 - 91/43)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	0	0	0	0	0	1	0	1	0	4
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
FIO	BOL	1	0	0	0	0	0	0	0	0	1	0	0	2
	BRA	1	1	2	4	0	1	0	0	0	0	0	0	9
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		5	2	2	6	0	1	0	0	1	1	1	0	19

Table No. 3 - WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/44 - 91/43)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
	Atlantico	P1	04/16/91	16
Peru	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	69	0.83
BOL	59	1.84	43	1.63
BRA	904	1.66	758	1.68
CAN	0	0.00	0	0.00
CAR	10	0.32	10	0.39
CHI	181	4.31	88	2.53
COL	208	1.76	146	1.50
COR	10	0.91	5	0.55
CUB	24	0.92	9	0.42
DOR	12	0.43	15	0.65
ECU	61	1.39	48	1.32
ELS	88	3.67	71	3.58
GUT	105	2.50	76	2.19
HAI	23	0.88	16	0.74
HON	69	3.00	31	1.63
MEX	340	1.19	318	1.35
NIC	17	0.94	20	1.34
PAN	9	1.00	8	1.07
PAR	33	1.94	23	1.64
PER	101	1.13	83	1.13
URU	6	0.67	4	0.54
USA	0	0.00	0	0.00
VEN	126	1.64	81	1.27
TOTAL	2497	1.13	1922	1.05

* ADJUSTED

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM 1991	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	33	1	0	0	1	1	2	6	1	7	3	3	1	3	2	0	2
BOL	7	0	0	0	0	0	0	0	3	3	1	0	0	0	0	0	0
BRA	259	2	1	1	3	13	14	13	30	47	14	25	18	23	21	16	18
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	5	0	0	0	0	0	0	0	3	0	0	1	1	0	0	0	0
CHI	28	1	0	0	0	1	2	10	3	5	0	0	3	0	0	1	2
COL	67	0	1	2	4	3	7	6	6	10	2	3	4	7	3	6	3
COR	3	0	0	0	2	0	0	1	0	0	0	0	0	0	0	NR	NR
CUB	3	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	NR
DOR	7	0	0	0	0	0	0	1	0	0	2	2	0	1	0	0	1
ECU	25	0	0	1	2	1	2	0	5	5	1	1	2	2	2	1	0
ELS	15	0	0	0	0	0	1	0	2	3	0	2	0	2	3	2	0
GUT	10	0	0	0	0	1	2	1	0	0	0	3	1	1	0	0	1
HAI	16	0	0	1	1	2	1	2	1	6	0	0	1	0	0	1	NR
HON	3	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
MEX	115	0	0	0	3	11	5	24	20	17	10	7	4	7	5	1	1
NIC	5	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	1
PAN	5	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0
PAR	4	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0
PER	33	0	0	1	0	1	1	1	3	8	3	4	2	2	1	5	1
URU	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	35	0	2	0	1	1	1	2	6	9	4	2	2	2	1	2	0
TOTAL	680	4	4	6	17	36	41	68	86	126	42	56	39	50	38	37	30

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	2	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	15	6

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	6	3	2
BOL	0	0	0
BRA	14	13	7
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	7	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	1
HAI	1	1	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	15	0
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	72	57	17

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Polio Surveillance in the Americas

Weekly Bulletin for the
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Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/43 - 91/42)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION			CHARACTERIZATION		
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	P3
CAR	DOR	6	0	0	0	16.7	5	1	0	-----	0	0	0
	HAI	20	6	0	0	14.3	12	2	0	-----	0	0	0
	TRT	1	0	1	0	0.0	0	0	0	-----	0	0	0
CHI	CHI	11	0	0	0	18.2	9	2	0	-----	0	0	0
FIO	BOL	52	4	7	8	42.4	19	4	2	FIO	8	0	0
	BRA	837	72	49	27	14.9	586	50	10	FIO	43	0	0
	PER	102	17	13	20	26.9	38	3	2	FIO	8	1	0
INC	COR	5	0	1	0	25.0	3	1	0	-----	0	0	0
	ELS	87	4	5	0	53.8	36	32	1	CDC	9	0	0
	GUT	94	0	1	0	32.3	63	26	0	CDC	4	0	0
	HON	52	0	3	0	42.9	28	16	0	CDC	4	0	0
	NIC	14	0	3	0	63.6	4	6	0	INC	1	0	0
	PAN	8	0	0	0	37.5	5	3	0	CDC	1	0	0
INH	VEN	89	2	13	0	24.3	56	14	1	CDC	3	0	0
INS	COL	143	8	6	0	27.1	94	23	4	CDC	0	8	0
	ECU	50	6	2	1	22.0	32	8	1	-----	0	0	0
LSP	MEX	255	1	14	2	23.1	183	43	1	CDC	9	0	2
MAL	ARG	69	0	0	2	32.8	45	12	0	MAL	10	0	0
	CHI	4	0	3	0	100.0	0	0	0	MAL	1	0	0
	PAR	25	0	1	0	58.3	10	13	0	MAL	1	0	0
	URU	2	0	0	1	100.0	0	1	0	-----	0	0	0
TOTAL		1926	120	122	61	24.3	1228	260	22		102	9	2

* Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/43 - 91/42)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	0	0	0	0	0	1	0	1	0	4
	ECU	0	0	1	0	0	0	0	0	0	0	0	0	1
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
FI	BOL	1	0	0	0	0	0	0	0	0	1	0	0	2
	BRA	3	1	2	4	0	0	0	0	0	0	0	0	10
	PER	0	0	0	1	0	0	0	0	1	0	0	0	2
TOTAL		7	2	3	6	0	0	0	0	2	1	1	0	22

Table No. 3 - WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/43 - 91/42)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
	Atlantico	P1	04/16/91	16
Peru	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	67	0.83
BOL	59	1.84	43	1.66
BRA	904	1.66	740	1.68
CAN	0	0.00	0	0.00
CAR	10	0.32	9	0.36
CHI	181	4.31	82	2.42
COL	208	1.76	140	1.47
COR	10	0.91	5	0.56
CUB	24	0.92	8	0.38
DOR	12	0.43	15	0.66
ECU	61	1.39	47	1.32
ELS	88	3.67	70	3.61
GUT	105	2.50	75	2.21
HAI	23	0.88	16	0.76
HON	69	3.00	31	1.67
MEX	340	1.19	310	1.35
NIC	17	0.94	19	1.31
PAN	9	1.00	8	1.10
PAR	33	1.94	21	1.53
PER	101	1.13	80	1.11
URU	6	0.67	4	0.55
USA	0	0.00	0	0.00
VEN	126	1.64	81	1.30
TOTAL	2497	1.13	1871	1.04

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM 1991	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		
ARG	41	1	0	0	1	1	3	6	9	8	3	3	1	3	2	0		
BOL	7	0	0	0	0	0	0	0	3	3	1	0	0	0	0	0		
BRA	259	2	1	1	5	15	15	16	31	52	15	26	19	23	22	16		
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAR	4	0	0	0	0	0	0	0	3	0	0	0	1	0	0	NR		
CHI	24	1	0	0	0	1	2	10	2	5	0	0	3	0	0	0		
COL	61	0	1	2	4	3	7	6	5	10	2	3	3	8	3	4		
COR	3	0	0	0	2	0	0	1	0	0	0	0	0	NR	NR	NR		
CUB	2	0	0	0	0	0	1	1	0	0	0	0	0	0	NR	NR		
DOR	6	0	0	0	0	0	0	1	0	0	2	2	0	1	0	0		
ECU	24	0	0	1	2	1	2	0	5	5	1	1	2	2	2	0		
ELS	15	0	0	0	0	0	1	0	2	3	0	2	0	2	3	2		
GUT	14	0	0	0	0	1	2	1	0	3	2	3	1	1	0	0		
HAI	16	0	0	1	1	2	1	2	1	6	0	0	1	0	0	1		
HON	3	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0		
MEX	120	0	0	0	4	12	7	28	22	16	9	7	4	5	5	1		
NIC	4	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0		
PAN	5	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0		
PAR	2	0	0	0	0	0	1	0	0	1	0	0	0	0	0	NR		
PER	30	0	0	1	0	1	1	1	3	8	3	4	2	1	1	4		
URU	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
VEN	35	0	2	0	1	1	1	2	6	9	4	2	2	2	1	2		
TOTAL	677	4	4	6	20	39	45	75	94	134	44	56	39	48	39	1		

* ADJUSTED

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	2	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	7	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	15	6

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	6	3	2
BOL	0	0	0
BRA	14	11	7
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	7	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	1
HAI	1	1	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	1
PAN	0	0	0
PAR	2	2	0
PER	16	15	0
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	72	55	17

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Polio Surveillance in the Americas

Weekly Bulletin for the
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Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/42 - 91/41)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION		CHARACTERIZATION			
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	5	0	0	0	20.0	4	1	0	-----	0	0	0
	HAI	14	0	0	0	14.3	12	2	0	-----	0	0	0
	TRT	1	0	1	0	0.0	0	0	0	-----	0	0	0
FIO	BOL	54	4	8	7	42.9	20	4	2	FIO	9	0	0
	BRA	845	67	62	28	15.8	579	53	8	FIO	48	0	0
	PER	100	14	13	20	26.4	39	3	2	FIO	8	1	0
INC	COR	5	1	0	0	25.0	3	1	0	-----	0	0	0
	ELS	84	2	6	0	56.6	33	32	2	CDC	9	0	0
	GUT	97	0	2	0	33.7	63	28	0	CDC	4	0	0
	HON	54	0	3	0	41.2	30	16	0	CDC	4	0	0
	NIC	14	1	2	0	63.6	4	6	0	INC	1	0	0
	PAN	5	0	0	0	60.0	2	3	0	CDC	1	0	0
INH	VEN	89	4	11	0	23.0	57	14	1	CDC	2	0	0
INS	COL	143	11	4	0	27.3	93	23	4	CDC	0	8	0
	ECU	49	4	8	0	21.6	29	8	0	-----	0	0	0
LSP	MEX	246	2	13	1	22.6	178	41	1	CDC	8	0	2
MAL	ARG	69	0	1	1	32.8	45	12	0	MAL	10	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	25	0	1	0	58.3	10	13	0	MAL	1	0	0
	URU	2	0	0	1	100.0	0	1	0	-----	0	0	0
TOTAL		1902	110	135	58	24.9	1201	261	20		106	9	2

* Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/42 - 91/41)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	0	0	0	0	0	1	0	1	0	4
	ELS	2	0	0	0	0	0	0	0	0	0	0	0	2
	MEX	0	0	1	0	0	0	0	0	0	0	0	0	1
	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
FIO	BOL	1	0	0	0	0	0	0	0	0	1	0	0	2
	BRA	3	1	1	3	0	0	0	0	0	0	0	0	8
	PER	0	0	0	1	0	0	0	0	1	0	0	0	2
TOTAL		8	1	2	5	0	0	0	0	2	1	1	0	20

Table No. 3 - WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/42 - 91/41)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
	Jalisco	P3	10/22/90	43
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
	Atlantico	P1	04/16/91	16
Peru	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	67	0.85
BOL	59	1.84	43	1.70
BRA	904	1.66	724	1.68
CAN	0	0.00	0	0.00
CAR	10	0.32	9	0.37
CHI	181	4.31	82	2.48
COL	208	1.76	133	1.43
COR	10	0.91	5	0.58
CUB	24	0.92	8	0.39
DOR	12	0.43	15	0.68
ECU	61	1.39	45	1.30
ELS	88	3.67	68	3.59
GUT	105	2.50	75	2.26
HAI	23	0.88	16	0.78
HON	69	3.00	31	1.71
MEX	340	1.19	292	1.30
NIC	17	0.94	19	1.34
PAN	9	1.00	5	0.70
PAR	33	1.94	21	1.57
PER	101	1.13	74	1.05
URU	6	0.67	4	0.56
USA	0	0.00	0	0.00
VEN	126	1.64	78	1.28
TOTAL	2497	1.13	1814	1.04

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM	WEEKS														
	1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37	38	39	40	41	
ARG	41	1	0	0	1	1	3	6	9	8	3	3	1	3	2	
BOL	7	0	0	0	0	0	0	0	3	3	1	0	0	0	0	
BRA	277	2	1	3	7	18	16	21	36	65	17	26	19	24	22	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	4	0	0	0	0	0	0	0	3	0	0	0	1	0	0	
CHI	24	1	0	0	0	1	2	10	2	5	0	0	3	0	0	
COL	60	0	1	3	4	3	7	6	6	11	4	4	2	7	2	
COR	3	0	0	0	2	0	0	1	0	0	0	0	0	NR	NR	
CUB	2	0	0	0	0	0	1	1	0	0	0	0	0	NR	NR	
DOR	6	0	0	0	0	0	0	1	0	0	2	2	0	1	NR	
ECU	23	0	0	1	3	1	2	1	4	5	1	1	2	1	1	
ELS	15	0	0	0	0	0	1	0	3	4	0	2	0	2	3	
GUT	19	0	0	0	0	1	2	1	0	8	2	3	1	1	0	
HAI	9	0	0	1	1	2	1	3	1	0	0	0	0	0	NR	
HON	3	0	0	0	0	0	0	0	1	1	0	1	0	0	0	
MEX	113	0	0	0	4	12	7	29	24	17	7	7	3	3	NR	
NIC	4	0	0	0	0	0	0	0	0	2	1	1	0	0	0	
PAN	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	
PAR	2	0	0	0	0	0	1	0	0	1	0	0	0	0	0	
PER	25	0	0	1	0	1	1	1	3	9	3	3	1	1	1	
URU	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	32	0	2	0	1	1	1	2	6	9	4	2	2	2	0	
TOTAL	673	4	4	9	23	42	46	83	102	149	45	55	35	45		

* ADJUSTED

NR NO REPORT RECEIVED

Table No. 3

CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	2	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	5	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	13	6

Table No. 4

POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	7	4	2
BOL	0	0	0
BRA	14	11	7
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	6	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	1
HAI	1	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	1
PAN	1	0	0
PAR	2	2	0
PER	16	15	0
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	74	54	17

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.40

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 5 October 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/41 - 91/40)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	5	0	0	0	20.0	4	1	0	-----	0	0	0
	HAI	15	0	0	0	13.3	13	2	0	-----	0	0	0
	TRT	1	0	1	0	0.0	0	0	0	-----	0	0	0
FIO	BOL	56	4	8	7	40.5	22	4	2	FIO	9	0	0
	BRA	845	52	80	20	15.7	584	52	12	FIO	45	0	0
	PER	104	13	13	20	25.9	43	3	2	FIO	8	2	0
INC	COR	4	0	0	0	25.0	3	1	0	-----	0	0	0
	ELS	84	3	4	0	53.2	36	31	1	CDC	9	0	0
	GUT	100	1	3	0	33.3	64	28	0	CDC	4	0	0
	HON	56	3	0	0	41.5	31	17	0	CDC	4	0	0
	NIC	11	0	0	0	63.6	4	6	0	CDC	1	0	0
		5	0	0	0	60.0	2	3	0	-----	0	0	0
INH	VEN	73	4	5	1	23.8	48	13	0	CDC	2	0	0
INS	COL	133	3	3	0	27.6	92	23	4	CDC	0	8	0
	ECU	48	5	8	0	22.9	27	8	0	-----	0	0	0
LSP	MEX	249	1	13	1	22.6	181	42	1	CDC	8	0	2
MAL	ARG	72	0	1	1	32.9	47	13	0	MAL	10	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	25	0	1	1	60.9	9	13	0	MAL	1	0	0
	URU	2	0	0	1	100.0	0	1	0	-----	0	0	0
TOTAL		1889	89	140	52	24.8	1210	261	22		103	10	2

* Each sample relates to an individual

Table No. 3 - WILD POLIOVIRUS
Last 52 Weeks (90/41 - 91/40)

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/41 - 91/40)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	0	0	0	0	0	1	0	1	0	4
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	MEX	0	0	1	0	0	0	0	0	0	0	0	0	1
	BOL	1	0	0	0	0	0	0	0	0	1	0	0	2
	BRA	7	1	1	3	0	0	0	0	0	0	0	0	12
	PER	0	0	0	1	0	0	0	0	1	0	0	0	2
TOTAL		11	1	2	4	0	0	0	0	2	1	1	0	22

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Mexico	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
Peru	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
Peru	Atlantico	P1	04/16/91	16
	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	64	0.83
BOL	59	1.84	43	1.75
BRA	904	1.66	702	1.67
CAN	0	0.00	0	0.00
CAR	10	0.32	9	0.38
CHI	181	4.31	81	2.51
COL	208	1.76	120	1.32
COR	10	0.91	4	0.47
CUB	24	0.92	8	0.40
DOR	12	0.43	15	0.70
ECU	61	1.39	43	1.27
ELS	88	3.67	65	3.52
GUT	105	2.50	75	2.32
HAI	23	0.88	16	0.80
HON	69	3.00	31	1.75
MEX	340	1.19	292	1.33
NIC	17	0.94	18	1.30
PAN	9	1.00	5	0.72
PAR	33	1.94	21	1.61
PER	101	1.13	72	1.05
URU	6	0.67	4	0.58
USA	0	0.00	0	0.00
VEN	126	1.64	73	1.23
TOTAL	2497	1.13	1761	1.03

* ADJUSTED

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM	WEEKS													
	1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37	38	39	40	
ARG	41	1	3	0	1	1	3	6	9	8	3	3	1	2	
BOL	7	0	0	0	0	0	0	0	3	3	1	0	0	0	
BRA	264	2	1	3	7	18	17	23	38	69	17	26	19	24	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	4	0	3	0	0	0	0	0	0	0	0	0	1	0	
CHI	23	1	0	0	0	1	2	10	2	4	0	0	3	0	
COL	56	0	1	3	4	5	7	8	7	12	4	3	1	1	
COR	3	0	0	0	2	0	0	1	0	0	0	0	NR	NR	
CUB	3	0	0	0	0	1	1	1	0	0	0	NR	NR	NR	
DOR	6	0	0	0	0	0	0	1	0	0	2	2	0	1	
ECU	21	0	0	1	3	1	2	1	4	5	1	1	2	0	
ELS	12	0	0	0	0	0	1	0	3	4	0	2	0	2	
GUT	20	0	0	0	0	1	2	1	0	9	2	3	1	1	
HAI	9	0	0	1	1	2	1	3	1	0	0	NR	NR	NR	
HON	3	0	0	0	0	0	0	0	1	1	0	1	0	0	
MEX	113	0	0	0	4	12	7	29	24	17	7	7	3	3	
NIC	5	0	0	0	0	0	0	0	1	2	1	1	0	0	
PAN	2	0	0	0	0	1	1	0	0	0	0	0	0	0	
PAR	2	0	0	0	0	0	1	0	0	1	0	0	0	0	
PER	23	0	0	1	0	1	1	1	3	9	3	3	1	0	
URU	2	0	0	0	0	0	0	0	1	1	0	0	0	NR	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	27	0	2	0	1	1	1	2	6	9	3	1	1	0	
TOTAL	646	4	7	9	23	45	47	87	106	154	44	53	33	34	

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	2	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	5	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	13	6

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	9	4	2
BOL	0	0	0
BRA	14	10	7
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	5	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	1	0
GUT	0	0	1
HAI	3	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	1	0	0
PAR	2	2	0
PER	16	13	0
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	78	50	15

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.39

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 28 September 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/40 - 91/39)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION						
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild		
												P1	P3	
CAR	DOR HAI	5	0	0	0	20.0	4	1	0	-----	0	0	0	
		15	0	0	0	13.3	13	2	0	-----	0	0	0	
FIO	BOL	57	4	11	4	39.5	23	4	2	FIO	9	0	0	
	BRA	832	71	80	17	16.7	553	53	12	FIO	46	0	0	
	PER	107	13	15	18	24.6	46	3	2	FIO	8	2	0	
INC	COR	4	0	0	0	25.0	3	1	0	-----	0	0	0	
	ELS	82	3	2	0	51.9	37	30	1	CDC	9	0	0	
	GUT	100	0	9	0	35.2	59	27	0	CDC	4	0	1	
	HON	55	2	0	0	41.5	31	17	0	CDC	4	0	0	
										INC	1	0	0	
	NIC	11	0	0	0	63.6	4	6	0	CDC	1	0	0	
	PAN	5	0	0	0	60.0	2	3	0	-----	0	0	0	
INH	VEN	72	2	5	1	23.4	49	13	1	CDC	1	0	0	
INS	COL ECU	131	1	1	0	27.1	94	25	2	CDC	0	8	0	
		45	2	8	0	22.9	27	8	0	-----	0	0	0	
LSP	MEX	239	1	8	1	23.6	175	43	4	CDC	5	0	2	
MAL	ARG	76	0	1	1	31.1	51	13	0	MAL	10	0	0	
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0	
	PAR	25	1	0	1	60.9	9	13	0	MAL	1	0	0	
	URU	2	0	0	1	100.0	0	1	0	-----	0	0	0	
TOTAL		1864	100	140	44	25.3	1180	263	24		100	10	3	

* Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/40 - 91/39)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	0	0	0	0	0	0	0	0	0	2
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	MEX	0	0	4	0	0	0	0	0	0	0	0	0	4
	VEN	0	0	0	0	0	0	0	0	0	0	1	0	1
FIO	BOL	1	0	0	0	0	0	0	0	0	1	0	0	2
	BRA	7	1	1	3	0	0	0	0	0	0	0	0	12
	PER	1	0	0	1	0	0	0	0	0	0	0	0	2
	TOTAL	12	1	5	4	0	0	0	0	0	1	1	0	24

Table No. 3 - WILD POLIOVIRUS
Last 52 Weeks (90/40 - 91/39)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Guatemala	San Juan Saca.	P3	10/02/90	40
Mexico	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
Peru	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
	Atlantico	P1	04/16/91	16
Peru	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	60	0.80
BOL	59	1.84	43	1.79
BRA	904	1.66	677	1.65
CAN	0	0.00	0	0.00
CAR	10	0.32	9	0.38
CHI	181	4.31	81	2.57
COL	208	1.76	112	1.27
COR	10	0.91	3	0.36
CUB	24	0.92	8	0.41
DOR	12	0.43	14	0.67
ECU	61	1.39	43	1.30
ELS	87	3.63	63	3.50
GUT	105	2.50	73	2.32
HAI	23	0.88	16	0.82
HON	69	3.00	30	1.74
MEX	340	1.19	277	1.30
NIC	17	0.94	18	1.33
PAN	9	1.00	5	0.74
PAR	33	1.94	21	1.65
PER	101	1.13	72	1.08
URU	6	0.67	4	0.59
USA	0	0.00	0	0.00
VEN	126	1.64	73	1.26
TOTAL	2496	1.12	1702	1.02

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	CUM	WEEKS															
		1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33	34	35	36	37	38	39
ARG	37	1	3	0	1	1	3	6	9	1	2	2	3	3	2	NR	
BOL	7	0	0	0	0	0	0	0	3	0	0	3	0	1	0	0	
BRA	266	2	1	3	8	18	18	24	55	7	15	21	33	17	25	19	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	4	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	
CHI	23	1	0	0	0	1	2	10	2	0	2	1	1	0	0	3	
COL	56	0	1	1	6	7	7	12	8	4	1	1	4	3	1	0	
COR	3	0	0	0	2	0	0	1	0	0	0	0	0	0	NR	NR	
CUB	3	0	0	0	0	1	1	1	0	0	0	0	0	0	NR	NR	
DOR	5	0	0	0	0	0	0	1	0	0	0	0	0	2	2	0	
ECU	21	0	0	1	3	1	2	1	4	2	0	2	1	1	1	2	
ELS	12	0	0	0	0	0	1	0	5	0	2	0	2	0	2	0	
GUT	24	0	0	0	0	1	2	1	5	4	1	1	4	2	3	0	
HAI	9	0	0	1	1	2	1	3	1	0	0	0	0	0	NR	NR	
HON	9	0	0	0	0	0	1	6	2	0	0	0	0	0	0	NR	
MEX	112	0	0	0	4	13	7	33	29	9	3	6	1	6	1	NR	
NIC	5	0	0	0	0	0	0	0	1	0	0	0	2	1	1	0	
PAN	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	
PAR	2	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	
PER	23	0	0	1	0	1	1	1	3	0	2	2	5	3	3	1	
URU	2	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	27	0	2	0	1	1	1	2	6	3	2	4	0	3	1	1	
TOTAL	652	4	7	7	26	48	49	102	137	30	30	43	58	42	42	27	

* ADJUSTED

NR NO REPORT RECEIVED

Table No. 3

CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	2	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	3	0
HAI	0	0	0
HON	0	0	0
MEX	7	5	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	13	6

Table No. 4

POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	9	4	2
BOL	0	0	0
BRA	14	10	7
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	5	4
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	0	0
GUT	0	0	1
HAI	3	1	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	1	0	0
PAR	2	2	0
PER	16	12	0
URU	0	0	0
USA	0	0	0
VEN	10	8	2
TOTAL	78	49	18

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.38

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 21 September 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 16 April 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/39 - 91/38)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR HAI	5	0	0	0	20.0	4	1	0	-----	0	0	0
		15	0	0	0	13.3	13	2	0	-----	0	0	0
FIO	BOL	56	14	1	10	45.2	17	3	3	FIO	8	0	0
	BRA	832	54	81	19	17.1	562	57	12	FIO	47	0	0
	PER	102	21	5	23	26.4	39	3	1	FIO	8	2	0
INC	COR	4	0	0	0	25.0	3	1	0	-----	0	0	0
	ELS	82	2	1	1	53.8	36	32	1	CDC	9	0	0
	GUT	98	0	5	0	34.4	61	27	0	CDC	4	0	1
	HON	55	2	0	0	41.5	31	17	0	CDC	5	0	0
	NIC	11	0	0	0	63.6	4	6	0	INC	0	0	0
	PAN	5	0	0	0	60.0	2	3	0	CDC	1	0	0
INH	VEN	62	0	4	0	22.4	45	11	1	CDC	1	0	0
INS	COL	135	2	7	0	28.6	90	22	5	CDC	1	8	0
	ECU	45	5	4	0	25.0	27	9	0	-----	0	0	0
LSP	MEX	244	1	8	1	23.9	178	44	3	CDC	5	0	4
MAL	ARG	80	0	1	1	30.8	54	13	0	MAL	11	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	26	1	0	1	58.3	10	13	0	MAL	1	0	0
	URU	2	0	0	1	100.0	0	1	0	-----	0	0	0
TOTAL		1860	102	117	57	25.8	1176	265	26		102	10	5

* Each sample relates to an individual

Table No. 3 - WILD POLIOVIRUS
Last 52 Weeks (90/39 - 91/38)

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/39 - 91/38)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	3	0	0	0	0	0	0	0	1	0	1	0	5
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	MEX	0	0	3	0	0	0	0	0	0	0	0	0	3
	VEN	0	0	0	0	0	0	1	0	0	0	0	0	1
FIO	BOL	1	0	0	0	0	1	0	0	0	1	0	0	3
	BRA	7	1	1	3	0	0	0	0	0	0	0	0	12
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
	TOTAL	12	1	4	4	0	1	1	0	1	1	1	0	26

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
	San Juan Sacra.	P3	10/02/90	40
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
Peru	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
	Bolivar	P1	03/26/91	13
	Bolivar	P1	04/15/91	16
Peru	Atlantico	P1	04/16/91	16
	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	60	0.82
BOL	59	1.84	42	1.80
BRA	904	1.66	658	1.65
CAN	0	0.00	0	0.00
CAR	10	0.32	8	0.35
CHI	181	4.31	109	3.55
COL	208	1.76	112	1.30
COR	10	0.91	3	0.37
CUB	24	0.92	8	0.42
DOR	12	0.43	14	0.68
ECU	61	1.39	41	1.28
ELS	88	3.67	62	3.54
GUT	105	2.50	72	2.35
HAI	23	0.88	16	0.84
HON	69	3.00	30	1.78
MEX	340	1.19	277	1.33
NIC	17	0.94	18	1.37
PAN	9	1.00	5	0.76
PAR	33	1.94	21	1.69
PER	101	1.13	70	1.08
URU	6	0.67	4	0.61
USA	0	0.00	0	0.00
VEN	126	1.64	71	1.26
TOTAL	2497	1.13	1701	1.05

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS															
			1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33	34	35	36	37	38		
ARG	0	37	1	3	0	1	1	3	6	9	1	2	2	3	3	2		
BOL	0	6	0	0	0	0	0	0	0	3	0	0	3	0	0	0		
BRA	0	251	2	1	3	8	18	18	27	55	7	15	22	33	17	25		
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAR	0	8	1	0	0	0	0	1	1	5	0	0	0	0	0	0		
CHI	0	26	1	0	0	0	1	5	15	1	0	2	1	0	NR	NR		
COL	0	59	0	1	1	9	7	7	12	8	4	1	1	4	3	1		
COR	0	3	0	0	0	2	0	0	1	0	0	0	0	0	0	NR		
CUB	0	3	0	0	0	0	1	1	1	0	0	0	0	0	0	NR		
DOR	0	5	0	0	0	0	0	0	1	0	0	0	0	0	2	2		
ECU	0	21	0	0	1	3	1	3	1	5	2	0	2	1	1	1		
ELS	1	16	0	0	0	0	1	2	1	7	0	2	0	2	0	1		
GUT	0	26	0	0	0	0	1	2	1	6	6	1	1	4	1	3		
HAI	3	9	0	0	1	1	2	1	3	1	0	0	0	0	NR	NR		
HON	0	9	0	0	0	0	0	1	6	2	0	0	0	0	0	0		
MEX	0	112	0	0	0	4	13	7	33	29	3	6	1	6	1	1		
NIC	0	5	0	0	0	0	0	0	0	1	0	0	0	2	1	1		
PAN	1	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0		
PAR	0	2	0	0	0	0	0	1	0	0	0	0	0	1	0	0		
PER	0	21	0	0	1	0	1	1	1	3	0	2	2	5	3	2		
URU	0	2	0	0	0	0	0	0	0	1	0	0	0	1	0	0		
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
VEN	0	26	0	2	0	1	2	1	2	6	3	2	4	0	3			
TOTAL	5	649	5	7	7	29	50	55	112	142	32	30	44	57	40	39		

* ADJUSTED

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	2	6
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	2	0
HAI	0	0	0
HON	0	0	0
MEX	7	5	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	12	6

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	9	3	2
BOL	0	0	0
BRA	14	10	7
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	12	5	4
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	12	0
URU	0	0	0
USA	0	0	0
VEN	10	8	4
TOTAL	74	47	20

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 14 September 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 19 March 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/38 - 91/37)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION		CHARACTERIZATION			
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR HAI	5	0	0	0	20.0	4	1	0	-----	0	0	0
		17	0	0	0	17.6	14	3	0	-----	0	0	0
FIO	BOL	60	14	1	11	41.2	20	4	1	FIO	9	0	0
	BRA	837	48	79	18	17.3	572	58	12	FIO	50	0	0
	PER	98	16	5	24	24.5	40	4	1	FIO	6	2	0
INC	COR	4	0	0	0	25.0	3	1	0	-----	0	0	0
	ELS	83	2	2	1	52.6	37	31	1	CDC	9	0	0
	GUT	95	0	6	0	34.8	58	25	2	CDC	2	0	2
	HON	57	2	0	0	41.8	32	18	0	CDC	4	0	0
	NIC	11	0	0	0	63.6	4	6	0	CDC	1	0	0
	PAN	5	0	0	0	60.0	2	3	0	-----	0	0	0
INH	VEN	85	1	10	2	22.2	56	12	3	CDC	1	0	0
INS	COL	136	4	9	0	29.3	87	22	7	CDC	1	6	0
	ECU	44	4	5	0	25.7	26	9	0	-----	0	0	0
LSP	MEX	243	0	7	0	24.2	179	46	1	CDC	6	0	4
MAL	ARG	81	0	2	1	29.5	55	13	1	MAL	9	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	26	1	0	1	58.3	10	13	0	MAL	1	0	0
	URU	2	0	0	1	100.0	0	1	0	-----	0	0	0
TOTAL		1890	92	126	59	25.7	1199	270	29		101	8	6

* Each sample relates to an individual

Table No. 3 - WILD POLIOVIRUS
Last 52 Weeks (90/38 - 91/37)

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/38 - 91/37)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	1	0	0	2	0	1	0	1	0	0	1	7
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	GUT	0	1	1	0	0	0	0	0	0	0	0	0	2
	MEX	0	0	1	0	0	0	0	0	0	0	0	0	1
	VEN	0	1	0	0	0	0	2	0	0	0	0	0	3
FIO	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	7	1	1	3	0	0	0	0	0	0	0	0	12
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
	ARG	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL		10	4	3	4	3	0	3	0	1	0	0	1	29

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Guatemala	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
Peru	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
Peru	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	58	0.82
BOL	59	1.84	42	1.84
BRA	904	1.66	633	1.63
CAN	0	0.00	0	0.00
CAR	10	0.32	8	0.36
CHI	181	4.31	109	3.65
COL	207	1.75	109	1.30
COR	10	0.91	3	0.38
CUB	24	0.92	8	0.43
DOR	12	0.43	12	0.60
ECU	61	1.39	40	1.28
ELS	88	3.67	61	3.57
GUT	105	2.50	69	2.31
HAI	23	0.88	16	0.86
HON	69	3.00	30	1.83
MEX	340	1.19	262	1.29
NIC	17	0.94	17	1.33
PAN	9	1.00	5	0.78
PAR	33	1.94	21	1.74
PER	101	1.13	64	1.01
URU	6	0.67	4	0.62
USA	0	0.00	0	0.00
VEN	126	1.64	69	1.26
TOTAL	2496	1.12	1640	1.04

* ADJUSTED

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUMULATIVE		WEEKS															
		1990	1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33	34	35	36	37			
ARG	0	0	35	1	3	0	1	1	3	6	9	1	2	2	3	3			
BOL	0	0	6	0	0	0	0	0	0	0	3	0	0	3	0	0			
BRA	0	6	237	2	1	3	8	21	19	30	56	8	17	22	33	17			
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CAR	0	0	8	1	0	0	0	0	1	1	5	0	0	0	0	0			
CHI	0	0	26	1	0	0	0	1	5	15	1	0	2	1	0	NR			
COL	0	0	60	0	1	2	9	7	7	12	7	4	1	2	5	3			
COR	0	0	3	0	0	0	2	0	0	1	0	0	0	NR	NR	NR			
CUB	0	0	4	0	0	0	0	1	2	1	0	0	0	0	0	0			
DOR	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	2			
ECU	0	0	22	0	0	2	3	1	3	1	6	2	0	2	1	1			
ELS	1	3	15	0	0	0	0	1	2	1	7	0	2	0	2	0			
GUT	0	0	27	0	0	0	0	1	2	3	8	6	1	1	4	1			
HAI	3	1	9	0	0	1	1	2	1	3	1	0	0	0	0	NR			
HON	0	0	9	0	0	0	0	0	1	6	2	0	0	0	0	0			
MEX	0	4	110	0	2	2	4	17	9	30	25	8	3	5	1	4			
NIC	0	0	4	0	0	0	0	0	0	0	1	0	0	0	2	1			
PAN	1	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0			
PAR	0	0	2	0	0	0	0	0	1	0	0	0	0	0	1	0			
PER	0	0	18	0	0	1	0	1	1	1	5	0	2	2	4	1			
URU	0	0	3	0	0	0	0	0	1	0	1	0	0	0	1	0			
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
VEN	0	0	32	0	2	0	1	2	3	7	7	3	1	4	0				
TOTAL	5	14	635	5	9	11	29	57	62	119	144	32	31	44	57	35			

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	2	0
HAI	0	0	0
HON	0	0	0
MEX	7	4	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	10	3

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	9	3	2
BOL	0	0	0
BRA	14	10	7
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	11	5	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	12	0
URU	0	0	0
USA	0	0	0
VEN	10	8	3
TOTAL	73	47	18

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.36

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 7 September 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 19 March 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/37 - 91/36)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	5	0	0	0	20.0	4	1	0	-----	0	0	0
		18	0	0	0	16.7	15	3	0	-----	0	0	0
FIO	BOL	62	14	1	11	41.7	21	4	1	FIO	10	0	0
	BRA	840	44	66	17	17.0	592	59	14	FIO	48	0	0
	PER	95	13	7	22	24.5	40	4	1	FIO	6	2	0
INC	COR	5	0	0	0	20.0	4	1	0	-----	0	0	0
	ELS	83	1	2	1	53.2	37	32	1	CDC	9	0	0
	GUT	94	0	9	0	36.5	54	25	0	CDC	4	0	2
	HON	58	2	0	0	41.1	33	18	0	CDC	4	0	0
	NIC	11	0	0	0	63.6	4	6	0	INC	1	0	0
	PAN	3	0	0	0	33.3	2	1	0	CDC	1	0	0
										-----	0	0	0
INH	VEN	85	5	4	2	21.6	58	12	3	CDC	1	0	0
INS	COL	134	5	6	1	29.5	86	22	7	CDC	1	6	0
		44	4	5	0	25.7	26	9	0	-----	0	0	0
LSP	MEX	244	0	6	1	24.1	180	45	1	CDC	6	0	5
MAL	ARG	81	0	3	2	28.9	54	12	1	MAL	9	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	25	0	0	2	56.5	10	12	0	MAL	1	0	0
	URU	3	0	0	1	50.0	1	1	0	-----	0	0	0
TOTAL		1891	88	109	60	25.3	1221	267	29		102	8	7

* Each sample relates to an individual

Table No. 3 - WILD POLIOVIRUS
Last 52 Weeks (90/37 - 91/36)

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/37 - 91/36)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	1	0	0	2	0	1	0	1	0	0	1	7
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	MEX	0	0	0	0	0	0	0	0	0	0	1	0	1
FIO	VEN	0	1	1	0	0	0	1	0	0	0	0	0	3
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	6	1	1	3	0	0	0	0	3	0	0	0	14
MAL	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
	ARG	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL		9	3	2	4	3	0	2	0	4	0	1	1	29

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
Guatemala	Magdalena	P1	12/29/90	52
	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
Peru	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
Peru	Atlantico	P1	03/19/91	12
	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	54	0.78
BOL	59	1.84	42	1.90
BRA	904	1.66	612	1.62
CAN	0	0.00	0	0.00
CAR	10	0.32	8	0.37
CHI	181	4.31	109	3.75
COL	207	1.75	103	1.26
COR	10	0.91	3	0.39
CUB	24	0.92	8	0.44
DOR	12	0.43	10	0.52
ECU	61	1.39	39	1.28
ELS	88	3.67	59	3.55
GUT	105	2.50	65	2.24
HAI	23	0.88	16	0.89
HON	69	3.00	30	1.88
MEX	340	1.19	235	1.19
NIC	17	0.94	16	1.28
PAN	9	1.00	4	0.64
PAR	33	1.94	21	1.78
PER	101	1.13	61	0.99
URU	6	0.67	3	0.48
USA	0	0.00	0	0.00
VEN	126	1.64	67	1.26
TOTAL	2496	1.12	1565	1.02

* ADJUSTED

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS											
			1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29-32	33	34	35	36
ARG	0	31	1	3	0	1	1	3	6	9	1	2	2	2
BOL	0	6	0	0	0	0	0	0	0	3	0	0	3	0
BRA	0	235	3	1	5	9	22	21	37	61	7	17	23	29
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	0	8	1	0	0	0	0	1	1	5	0	0	0	0
CHI	0	26	1	0	0	0	1	5	15	1	0	2	1	0
COL	0	53	0	1	1	9	8	7	12	7	4	1	1	2
COR	0	3	0	0	0	2	0	0	1	0	0	0	NR	NR
CUB	0	4	0	0	0	0	1	2	1	0	0	0	NR	NR
DOR	0	1	0	0	0	0	0	0	1	0	0	0	0	0
ECU	0	27	1	1	3	4	1	4	1	7	2	0	2	1
ELS	1	13	0	0	0	0	1	2	1	7	0	0	0	0
GUT	0	24	0	0	0	0	1	2	4	8	6	1	1	1
HAI	3	9	0	0	1	1	2	1	3	1	0	0	0	0
HON	0	9	0	0	0	0	0	1	6	2	0	0	0	0
MEX	0	94	0	3	2	4	18	13	29	18	3	2	2	NR
NIC	0	3	0	0	0	0	0	0	0	1	0	0	0	2
PAN	1	2	0	0	0	0	1	0	1	0	0	0	0	0
PAR	0	4	0	0	0	0	1	2	0	0	0	0	0	1
PER	0	15	0	0	1	0	1	1	1	5	0	2	1	3
URU	0	2	0	0	0	0	0	1	0	1	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	0	30	0	2	0	1	2	3	7	7	3	1	4	-
TOTAL	5	599	7	11	13	31	61	69	127	143	26	30	40	41

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	3	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	8	3

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	9	3	2
BOL	0	0	0
BRA	14	10	6
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	11	4	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	12	0
URU	0	0	0
USA	0	0	0
VEN	10	8	3
TOTAL	73	46	17

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 31 August 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 19 March 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/36 - 91/35)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION		CHARACTERIZATION			
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	P3
CAR	DOR HAI	5	0	0	0	20.0	4	1	0	----	0	0	0
		19	0	0	0	15.8	16	3	0	----	0	0	0
FIO	BOL	56	8	1	11	41.7	21	4	1	FIO	10	0	0
	BRA	840	40	67	14	16.6	600	59	11	FIO	49	0	0
	PER	93	8	7	22	26.8	41	4	1	FIO	8	2	0
INC	COR	5	0	0	0	20.0	4	1	0	----	0	0	0
	ELS	83	1	2	1	53.2	37	32	1	CDC	9	0	0
	GUT	95	0	8	0	36.8	55	26	0	CDC	4	0	2
	HON	59	2	0	0	40.4	34	18	0	CDC	4	0	0
	NIC	11	0	0	0	63.6	4	6	0	INC	1	0	0
	PAN	3	0	0	0	33.3	2	1	0	CDC	1	0	0
INH	VEN	87	2	4	2	21.5	62	13	3	CDC	1	0	0
INS	COL	133	1	6	0	29.4	89	23	7	CDC	1	6	0
	ECU	44	5	3	0	25.0	27	9	0	----	0	0	0
LSP	MEX	251	0	7	0	24.6	184	48	1	CDC	6	0	5
MAL	ARG	81	0	7	2	29.2	51	11	1	MAL	9	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	25	0	0	2	52.2	11	11	0	MAL	1	0	0
	URU	3	0	0	1	50.0	1	1	0	----	0	0	0
TOTAL		1894	67	112	55	25.1	1243	271	26		105	8	7

Each sample relates to an individual

Table No. 3 - WILD POLIOVIRUS
Last 52 Weeks (90/36 - 91/35)

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/36 - 91/35)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	1	1	0	0	0	0	0	2	0	0	1	7
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	MEX	0	0	0	0	0	0	1	0	0	0	0	0	1
	VEN	0	1	2	0	0	0	0	0	0	0	0	0	3
FIO	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	3	1	1	3	1	0	0	0	2	0	0	0	11
MAL	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
	ARG	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL		7	3	4	4	2	0	1	0	4	0	0	1	26

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
Guatemala	Magdalena	P1	12/29/90	52
	Chimaltenango	P3	09/20/90	38
Mexico	San Juan Saca.	P3	10/02/90	40
	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
Peru	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
Peru	Atlantico	P1	03/19/91	12
	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	52	0.77
BOL	59	1.84	35	1.63
BRA	904	1.66	582	1.58
CAN	0	0.00	0	0.00
CAR	10	0.32	8	0.38
CHI	181	4.31	106	3.75
COL	207	1.75	99	1.25
COR	10	0.91	3	0.41
CUB	24	0.92	8	0.46
DOR	12	0.43	9	0.48
ECU	61	1.39	37	1.25
ELS	88	3.67	59	3.65
GUT	105	2.50	64	2.26
HAI	23	0.88	16	0.91
HON	69	3.00	30	1.94
MEX	340	1.19	235	1.23
NIC	17	0.94	14	1.16
PAN	9	1.00	4	0.66
PAR	33	1.94	20	1.75
PER	101	1.13	55	0.92
URU	6	0.67	3	0.50
USA	0	0.00	0	0.00
VEN	126	1.64	66	1.27
TOTAL	2496	1.12	1505	1.01

* ADJUSTED

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

PAIS	TOTAL 1990	CUM	WEEKS														
		1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29	30	31	32	33	34	35	
ARG	0	29	1	3	0	1	1	3	6	5	0	4	0	1	2	2	
BOL	0	6	0	0	0	0	0	2	4	0	0	0	0	0	0	0	
BRA	0	222	3	1	5	9	23	25	43	11	28	13	14	7	17	23	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	0	8	1	0	0	0	0	1	1	2	0	2	1	0	0	0	
CHI	0	24	1	0	0	0	1	5	15	1	0	0	0	0	1	0	
COL	0	61	0	2	2	9	10	10	14	6	2	0	1	4	1	0	
COR	0	3	0	0	0	2	0	0	1	0	0	0	0	0	0	NR	
CUB	0	4	0	0	0	0	1	2	1	0	0	0	0	0	0	NR	
DOR	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
ECU	0	25	1	1	3	4	1	4	1	1	1	2	3	2	0	1	
ELS	1	13	0	0	0	0	1	2	1	4	1	2	0	0	2	0	
GUT	0	23	0	0	0	0	1	2	4	0	4	3	1	6	1	1	
HAI	3	9	0	0	1	1	2	1	3	1	0	0	0	0	0	NR	
HON	0	9	0	0	0	0	0	1	6	0	1	1	0	0	0	0	
MEX	0	94	0	3	2	4	18	13	29	1	10	4	3	3	2	2	
NIC	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
PAN	1	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	
PAR	0	3	0	0	0	0	1	2	0	0	0	0	0	0	0	0	
PER	0	10	0	0	1	0	1	1	2	0	2	0	3	0	0	0	
URU	0	2	0	0	0	0	0	1	0	0	0	0	1	0	0	NR	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	0	29	0	2	0	1	2	3	7	2	1	2	2	3	1	2	
TOTAL	5	578	7	12	14	31	64	78	140	34	50	34	29	26	27		

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	5	1	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	19	7	3

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	9	3	2
BOL	0	0	0
BRA	14	10	6
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	10	4	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	1
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	12	1
URU	0	0	0
USA	0	0	0
VEN	10	7	3
TOTAL	72	45	17

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



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week ending 24 August 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 19 March 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/35 - 91/34)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					Wild P3
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	
CAR	DOR HAI	5	0	0	0	20.0	4	1	0	-----	0	0	0
		19	0	0	0	15.8	16	3	0	-----	0	0	0
FIO	BOL	57	8	4	8	40.5	22	4	1	FIO	10	0	0
	BRA	839	36	64	11	16.2	610	59	10	FIO	49	0	0
	PER	97	8	7	22	25.0	45	4	1	FIO	8	2	0
INC	COR	6	0	0	0	33.3	4	2	0	-----	0	0	0
	ELS	84	1	3	1	55.7	35	34	1	CDC	9	0	0
	GUT	92	0	4	0	35.2	57	25	2	CDC	2	0	2
	HON	61	3	1	0	40.4	34	18	0	CDC	4	0	0
	NIC	11	0	0	0	63.6	4	6	0	CDC	1	0	0
	PAN	3	0	0	0	33.3	2	1	0	-----	0	0	0
INH	VEN	90	1	3	2	21.4	66	14	3	CDC	1	0	0
INS	COL	134	2	5	0	29.9	89	24	7	CDC	1	6	0
	ECU	36	4	3	0	34.5	19	10	0	-----	0	0	0
LSP	MEX	250	0	7	1	24.0	184	46	1	CDC	6	0	5
MAL	ARG	83	0	7	2	27.0	54	11	0	MAL	9	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	27	0	1	0	50.0	13	12	0	MAL	1	0	0
	URU	3	0	0	1	50.0	1	1	0	-----	0	0	0
TOTAL		1898	63	109	48	25.0	1259	275	26		103	8	7

* Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/35 - 91/34)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	1	1	0	0	0	0	0	2	0	0	1	7
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	GUT	0	1	0	0	0	0	1	0	0	0	0	0	2
	MEX	0	0	0	0	0	0	1	0	0	0	0	0	1
FIO	VEN	0	1	2	0	0	0	0	0	0	0	0	0	3
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	1	0	3	2	0	0	0	2	0	0	0	10
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		6	4	3	4	2	0	2	0	4	0	0	1	26

Table No. 3 - WILD POLIOVIRUS
Last 52 Weeks (90/35 - 91/34)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Guatemala	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
Peru	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
	Atlantico	P1	03/19/91	12
Peru	Piura	P1	02/02/91	05

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	49	0.75
BOL	59	1.84	35	1.67
BRA	904	1.66	559	1.57
CAN	0	0.00	0	0.00
CAR	10	0.32	8	0.39
CHI	181	4.31	106	3.86
COL	206	1.75	94	1.22
COR	10	0.91	3	0.42
CUB	24	0.92	8	0.47
DOR	12	0.43	9	0.49
ECU	61	1.39	35	1.22
ELS	88	3.67	59	3.76
GUT	105	2.50	61	2.22
HAI	23	0.88	16	0.94
HON	69	3.00	30	1.99
MEX	340	1.19	227	1.22
NIC	17	0.94	14	1.19
PAN	9	1.00	4	0.68
PAR	33	1.94	20	1.80
PER	101	1.13	55	0.95
URU	6	0.67	3	0.51
USA	0	0.00	0	0.00
VEN	126	1.64	62	1.23
TOTAL	2495	1.12	1457	1.00

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS													
			1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29	30	31	32	33	34	
ARG	0	26	1	3	0	1	1	3	6	5	0	4	0	1	1	
BOL	0	6	0	0	0	0	0	2	4	0	0	0	0	0	0	
BRA	0	207	3	3	5	10	26	25	57	13	26	8	11	3	17	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	0	8	1	0	0	0	0	1	1	2	0	2	1	NR	0	
CHI	0	24	1	0	0	0	1	5	15	1	0	0	0	0	1	
COL	0	58	0	2	2	9	10	10	14	6	2	0	1	2	0	
COR	0	3	0	0	0	2	0	0	1	0	0	0	0	0	0	
CUB	0	4	0	0	0	0	1	2	1	0	0	0	NR	0	NR	
DOR	0	5	0	0	0	0	0	0	3	1	0	1	0	0	NR	
ECU	0	27	1	1	3	4	1	7	1	1	1	3	2	2	0	
ELS	1	14	0	0	0	0	1	3	1	4	1	2	0	0	2	
GUT	0	26	0	0	0	0	1	3	8	1	4	3	1	4	1	
HAI	3	9	0	0	1	1	2	1	3	1	0	0	0	0	0	
HON	0	9	0	0	0	0	0	1	6	0	1	1	0	0	0	
MEX	0	95	0	3	3	6	20	15	29	1	10	3	3	2	0	
NIC	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	
PAN	1	2	0	0	0	0	1	0	1	0	0	0	0	0	0	
PAR	0	3	0	0	0	0	1	2	0	0	0	0	0	0	0	
PER	0	12	0	0	1	0	1	1	2	0	3	0	3	0	1	
URU	0	2	0	0	0	0	0	1	0	0	0	0	1	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	0	29	0	2	0	3	3	3	8	2	1	2	2	2	1	
TOTAL	5	570	7	14	15	36	70	85	161	38	49	30	25	16	2	

* ADJUSTED

NR NO REPORT RECEIVED

Table No. 3

CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	7	3

Table No. 4

POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	9	3	2
BOL	0	0	0
BRA	14	9	5
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	10	3	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	11	1
URU	0	0	0
USA	0	0	0
VEN	10	5	3
TOTAL	72	40	15

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.33

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 17 August 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 6 April 1991, in Perú

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/34 - 91/33)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION		CHARACTERIZATION			
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	Wild P3
CAR	DOR	5	0	0	0	20.0	4	1	0	-----	0	0	0
		19	0	0	0	15.8	16	3	0	-----	0	0	0
FIO	BOL	57	9	9	3	41.7	21	4	1	FIO	10	0	0
	BRA	841	59	69	14	17.0	580	60	9	FIO	50	0	0
	PER	95	6	13	22	25.9	40	3	1	FIO	7	3	0
INC	COR	7	0	0	0	28.6	5	2	0	-----	0	0	0
	ELS	84	1	4	0	53.8	37	32	1	CDC	9	0	0
	GUT	90	0	5	0	35.3	55	24	2	CDC	2	0	2
	HON	58	0	1	0	40.4	34	18	0	CDC	5	0	0
	NIC	11	0	0	0	63.6	4	6	0	CDC	1	0	0
	PAN	3	0	0	0	33.3	2	1	0	-----	0	0	0
INH	VEN	97	2	2	2	22.0	71	16	3	CDC	1	0	0
INS	COL	138	2	9	0	32.3	86	24	10	CDC	1	6	0
	ECU	39	5	2	0	21.9	25	7	0	-----	0	0	0
LSP	MEX	244	1	5	0	22.7	184	42	1	CDC	6	0	5
MAL	ARG	86	0	8	2	27.6	55	12	0	MAL	9	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	27	0	1	1	48.0	13	11	0	MAL	1	0	0
	URU	3	0	1	0	50.0	1	1	0	-----	0	0	0
TOTAL		1905	85	129	44	25.2	1233	267	28		103	9	7

* Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/34 - 91/33)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	1	1	0	0	0	0	0	2	0	2	2	10
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	GUT	0	0	0	0	0	1	1	0	0	0	0	0	2
	MEX	0	0	0	0	0	0	1	0	0	0	0	0	1
	VEN	0	1	2	0	0	0	0	0	0	0	0	0	3
FIO	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	1	0	3	0	0	0	0	2	0	0	1	9
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		6	3	3	4	0	1	2	0	4	0	2	3	28

Table No. 3 - WILD POLIOVIRUS
Last 52 Weeks (90/33 - 91/32)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
Guatemala	Magdalena	P1	12/29/90	52
	Chimaltenango	P3	09/20/90	38
Mexico	San Juan Saca.	P3	10/02/90	40
	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
Peru	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
Peru	Atlantico	P1	03/19/91	12
	Piura	P1	02/02/91	05
	Huancayo	P1	04/06/91	14

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	48	0.76
BOL	59	1.84	35	1.72
BRA	904	1.66	542	1.56
CAN	0	0.00	0	0.00
CAR	10	0.32	7	0.35
CHI	181	4.31	105	3.94
COL	206	1.75	94	1.26
COR	10	0.91	3	0.43
CUB	24	0.92	8	0.48
DOR	12	0.43	9	0.51
ECU	61	1.39	34	1.22
ELS	88	3.67	58	3.81
GUT	105	2.50	55	2.06
HAI	23	0.88	16	0.97
HON	69	3.00	27	1.85
MEX	340	1.19	222	1.23
NIC	17	0.94	14	1.23
PAN	9	1.00	4	0.70
PAR	33	1.94	20	1.85
PER	101	1.13	53	0.94
URU	6	0.67	3	0.53
USA	0	0.00	0	0.00
VEN	126	1.64	59	1.21
TOTAL	2495	1.12	1416	1.01

* ADJUSTED

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM	WEEKS												
		1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29	30	31	32	33	
ARG	0	25	1	3	0	1	1	3	6	5	0	4	0	1	
BOL	0	6	0	0	0	0	0	2	4	0	0	0	0	NR	
BRA	0	222	4	3	7	13	34	31	67	14	27	8	11	3	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	0	0	0	0	0	0	0	0	0	0	0	0	0	NR	
CHI	0	24	1	0	0	0	1	6	15	1	0	0	0	0	
COL	0	58	0	2	2	9	10	10	14	6	2	0	1	2	
COR	0	3	0	0	0	2	0	0	1	0	0	0	0	NR	
CUB	0	4	0	0	0	0	1	2	1	0	0	0	NR	NR	
DOR	0	5	0	0	0	0	0	0	3	1	0	1	0	0	
ECU	0	26	1	1	3	4	1	7	1	1	1	2	2	2	
ELS	2	14	0	0	0	0	1	3	1	4	2	3	0	0	
GUT	0	24	0	0	0	0	1	6	9	1	4	3	0	NR	
HAI	3	9	0	0	1	1	2	1	3	1	0	0	0	0	
HON	0	7	0	0	1	0	0	1	4	0	1	0	0	0	
MEX	0	93	0	4	3	6	21	15	28	1	10	3	1	1	
NIC	0	1	0	0	0	0	0	0	0	0	0	1	0	0	
PAN	1	2	0	0	0	0	1	0	1	0	0	0	0	0	
PAR	0	3	0	0	0	0	1	2	0	0	0	0	0	0	
PER	0	10	0	0	1	0	1	1	2	0	3	0	2	0	
URU	0	2	0	0	0	0	0	1	0	0	0	0	1	NR	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	0	26	0	2	0	3	3	3	8	1	1	2	2	1	
TOTAL	6	571	8	15	18	39	79	95	169	38	51	29	20	10	

NR NO REPORT RECEIVED

Table No. 3

CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	7	4

Table No. 4

POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	9	3	2
BOL	0	0	0
BRA	14	9	3
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	10	3	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	11	0
URU	0	0	0
USA	0	0	0
VEN	10	5	3
TOTAL	72	40	12

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.32

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 10 August 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 6 April 1991, in Peru

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/33 - 91/32)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION		CHARACTERIZATION			
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	Wild P3
CAR	DOR	5	0	0	0	20.0	4	1	0	-----	0	0	0
		17	0	0	0	17.6	14	3	0	-----	0	0	0
FIO	BOL	58	9	9	3	40.5	22	4	1	FIO	10	0	0
	BRA	838	55	72	14	16.5	582	57	8	FIO	50	0	0
	PER	97	4	13	22	25.9	43	4	1	FIO	7	3	0
INC	COR	7	0	1	0	33.3	4	2	0	-----	0	0	0
	ELS	86	3	6	0	54.5	35	31	3	CDC	8	0	0
	GUT	94	0	5	0	33.7	59	24	2	CDC	2	0	2
	HON	62	1	1	0	43.3	34	21	2	CDC	2	0	0
	NIC	11	0	0	0	63.6	4	6	0	INC	1	0	0
	PAN	3	0	0	0	33.3	2	1	0	CDC	1	0	0
										-----	0	0	0
INH	VEN	96	1	7	0	22.7	68	16	3	CDC	1	0	0
INS	COL	144	3	9	1	32.8	88	24	12	CDC	1	6	0
	ECU	28	0	2	0	19.2	21	5	0	-----	0	0	0
LSP	MEX	250	1	14	0	22.6	182	41	1	CDC	6	0	5
MAL	ARG	86	0	7	4	25.3	56	10	0	MAL	9	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	27	0	1	1	48.0	13	11	0	MAL	1	0	0
	URU	3	0	1	0	50.0	1	1	0	-----	0	0	0
TOTAL		1913	77	148	45	25.0	1232	262	33		100	9	7

Each sample relates to an individual

Table No. 3 - WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/33 - 91/32)

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/33 - 91/32)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	2	1	0	0	0	0	0	2	1	2	2	12
	ELS	1	0	0	1	0	0	0	0	0	0	1	0	3
	GUT	0	1	1	0	0	0	0	0	0	0	0	0	2
	HON	1	0	0	0	0	0	0	0	1	0	0	0	2
	MEX	0	0	1	0	0	0	0	0	0	0	0	0	1
FIO	VEN	0	1	2	0	0	0	0	0	0	0	0	0	3
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	0	0	2	0	0	0	0	2	0	0	2	8
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
	TOTAL		7	4	5	4	0	0	0	0	5	1	3	4

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Guatemala	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
Peru	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
Peru	Atlantico	P1	03/19/91	12
	Piura	P1	02/02/91	05
	Huancayo	P1	04/06/91	14

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	47	0.76
BOL	59	1.84	35	1.78
BRA	904	1.66	527	1.57
CAN	0	0.00	0	0.00
CAR	10	0.32	7	0.36
CHI	181	4.31	105	4.06
COL	206	1.75	92	1.27
COR	10	0.91	3	0.44
CUB	24	0.92	8	0.50
DOR	12	0.43	9	0.52
ECU	61	1.39	28	1.03
ELS	88	3.67	58	3.93
GUT	105	2.50	55	2.13
HAI	20	0.77	19	1.19
HON	69	3.00	27	1.91
MEX	340	1.19	203	1.16
NIC	17	0.94	14	1.26
PAN	9	1.00	4	0.72
PAR	33	1.94	20	1.91
PER	101	1.13	52	0.95
URU	6	0.67	3	0.54
USA	0	0.00	0	0.00
VEN	126	1.64	55	1.16
TOTAL	2492	1.12	1371	1.00

* ADJUSTED

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM	WEEKS											
		1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25-28	29	30	31	32	
ARG	0	24	1	3	0	1	1	3	6	5	0	4	0	
BOL	0	6	0	0	0	0	0	2	4	0	0	0	0	
BRA	0	215	4	4	7	13	35	32	70	13	24	7	6	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	0	7	1	0	0	0	0	1	1	2	0	2	0	
CHI	0	24	1	0	0	0	1	6	15	1	0	0	0	
COL	2	56	0	2	2	9	10	11	13	6	2	0	1	
COR	0	3	0	0	0	2	0	0	1	0	0	0	0	
CUB	0	4	0	0	0	0	1	2	1	0	0	0	NR	
DOR	0	5	0	0	0	0	0	0	3	1	0	1	0	
ECU	9	22	2	1	3	5	1	7	1	1	1	0	0	
ELS	2	22	0	1	0	2	1	8	1	4	2	3	0	
GUT	0	24	0	0	0	0	1	6	9	1	4	3	0	
HAI	0	12	0	0	1	1	4	2	3	1	0	0	NR	
HON	0	7	0	0	1	0	0	1	4	0	1	0	0	
MEX	0	84	0	4	5	7	21	15	23	3	4	2	0	
NIC	0	1	0	0	0	0	0	0	0	0	0	1	0	
PAN	1	2	0	0	0	0	1	0	1	0	0	0	0	
PAR	0	3	0	0	0	0	1	2	0	0	0	0	0	
PER	0	10	0	0	1	0	1	1	3	0	3	0	1	
URU	0	2	0	0	0	0	0	1	0	0	0	0	1	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	0	26	0	2	0	3	4	6	8	0	0	1	2	
TOTAL	14	559	9	17	20	43	83	106	167	38	41	24	11	

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	3
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	7	4

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	9	3	2
BOL	0	0	0
BRA	14	7	3
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	3	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	11	0
URU	0	0	0
USA	0	0	0
VEN	10	5	3
TOTAL	70	38	12

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.31

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 3 August 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 6 April 1991, in Peru

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/32 - 91/31)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION					
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	CHARACTERIZATION			
										Lab.	Vaccine	P1	Wild P3
CAR	DOR HAI	5	0	0	0	20.0	4	1	0	-----	0	0	0
		17	0	3	0	21.4	11	3	0	-----	0	0	0
FIO	BOL	57	8	9	3	40.5	22	4	1	FIO	10	0	0
	BRA	823	68	53	14	17.7	566	61	11	FIO	50	0	0
	PER	95	6	11	19	25.4	44	4	1	FIO	7	3	0
INC	COR	7	0	1	0	33.3	4	2	0	-----	0	0	0
	ELS	88	3	5	1	54.4	36	32	3	CDC	8	0	0
	GUT	93	0	7	0	33.7	57	24	1	CDC	2	0	2
	HON	63	1	3	0	44.1	33	21	2	CDC	2	0	0
	NIC	11	0	0	0	63.6	4	6	0	INC	1	0	0
	PAN	3	0	0	0	33.3	2	1	0	CDC	1	0	0
INH	VEN	99	2	8	0	22.5	69	16	4	-----	0	0	0
INS	COL	143	2	10	1	33.1	87	24	13	CDC	1	5	0
	ECU	23	2	1	0	25.0	15	5	0	-----	0	0	0
LSP	MEX	259	0	14	0	23.7	187	46	1	CDC	6	0	5
MAL	ARG	83	0	8	6	23.2	53	8	0	MAL	8	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	28	0	1	2	48.0	13	11	0	MAL	1	0	0
	URU	3	0	1	0	50.0	1	1	0	-----	0	0	0
TOTAL		1901	92	135	46	25.8	1208	270	37		98	8	7

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/32 - 91/31)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	2	1	0	0	0	0	0	2	1	3	2	13
	ELS	1	0	0	1	0	0	0	0	0	0	1	0	3
	GUT	0	1	0	0	0	0	0	0	0	0	0	0	1
	HON	1	0	0	0	0	0	0	0	1	0	0	0	2
	MEX	0	0	1	0	0	0	0	0	0	0	0	0	1
FIO	VEN	0	1	3	0	0	0	0	0	0	0	0	0	4
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	0	0	3	0	0	0	0	2	2	0	2	11
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
	TOTAL		7	4	5	5	0	0	0	0	5	3	4	4

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/32 - 91/31)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Guatemala	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
Peru	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
Peru	Bolivar	P1	02/25/91	09
	Piura	P1	02/02/91	05
	Huancayo	P1	04/06/91	14

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	44	0.74
BOL	59	1.84	34	1.78
BRA	904	1.66	478	1.47
CAN	0	0.00	0	0.00
CAR	10	0.32	7	0.38
CHI	179	4.26	90	3.59
COL	206	1.75	88	1.25
COR	10	0.91	3	0.46
CUB	24	0.92	8	0.52
DOR	12	0.43	8	0.48
ECU	61	1.39	28	1.07
ELS	88	3.67	58	4.05
GUT	105	2.50	53	2.12
HAI	20	0.77	19	1.23
HON	69	3.00	27	1.97
MEX	340	1.19	192	1.13
NIC	17	0.94	14	1.30
PAN	9	1.00	4	0.75
PAR	33	1.94	20	1.97
PER	101	1.13	48	0.90
URU	6	0.67	2	0.37
USA	0	0.00	0	0.00
VEN	126	1.64	53	1.15
TOTAL	2490	1.12	1278	0.97

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS														
			1- 4	5- 8	9-12	13-16	17-20	21-24	25	26	27	28	29	30	31		
ARG	0	40	5	4	3	6	3	6	1	2	0	3	6	0	1		
BOL	0	8	0	0	0	0	0	4	0	0	4	0	0	0	0		
BRA	0	234	6	7	16	24	55	51	19	19	17	13	5	2	0		
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAR	4	7	1	0	0	0	0	1	1	0	0	0	2	0	0		
CHI	0	6	0	0	0	0	0	3	0	1	0	1	1	0	0		
COL	2	53	0	2	3	9	10	10	4	3	2	4	5	1	NR		
COR	0	3	0	0	0	2	0	0	0	0	0	1	0	0	0		
CUB	1	4	0	0	0	0	1	2	0	0	0	1	0	0	0		
DOR	0	4	0	0	0	0	0	0	0	1	1	1	1	0	0		
ECU	9	22	2	1	3	5	1	7	0	0	0	1	1	1	0		
ELS	2	23	0	1	0	3	1	8	0	0	0	1	4	2	3		
GUT	0	24	0	0	0	0	2	7	1	2	4	2	1	4	1		
HAI	0	12	0	0	1	1	4	2	1	2	0	0	1	0	0		
HON	0	7	0	0	1	0	0	1	1	2	1	0	0	1	0		
MEX	0	73	0	3	5	7	20	14	6	4	5	6	2	1	0		
NIC	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1		
PAN	1	2	0	0	0	0	1	0	0	0	1	0	0	0	0		
PAR	0	11	0	1	1	5	2	2	0	0	0	0	0	0	0		
PER	0	11	0	0	1	1	1	2	1	0	2	2	1	0	0		
URU	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0		
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
VEN	1	31	1	3	2	4	5	7	2	2	3	2	0	0	0		
TOTAL	20	578	15	22	37	67	106	128	37	38	40	38	30	12	8		

* ADJUSTED

NR NO REPORT RECEIVED

Table No. 3

CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	7	3

Table No. 4

POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	14	5	0
BOL	0	0	0
BRA	14	6	1
CAN	0	0	0
CAR	0	0	0
CHI	1	1	0
COL	8	3	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	5	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	11	0
URU	0	0	0
USA	0	0	0
VEN	9	3	2
TOTAL	75	38	7

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.30

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 27 July 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 6 April 1991, in Perú

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/31 - 91/30)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	Wild P3
CAR	DOR	5	0	0	0	20.0	4	1	0	-----	0	0	0
		17	0	3	0	21.4	11	3	0	-----	0	0	0
FIO	BOL	59	8	9	3	38.5	24	4	1	FIO	10	0	0
	BRA	842	66	56	11	17.9	582	66	11	FIO	50	0	0
	PER	97	6	11	19	24.6	46	4	1	FIO	7	3	0
INC	COR	6	0	0	0	33.3	4	2	0	-----	0	0	0
	ELS	86	3	3	0	52.5	38	32	2	CDC	8	0	0
	GUT	93	0	3	0	33.3	60	25	1	CDC	2	0	2
	HON	63	0	3	0	43.3	34	21	2	CDC	2	0	0
	NIC	11	0	0	0	63.6	4	6	0	INC	1	0	0
	PAN	3	0	1	0	50.0	1	1	0	-----	0	0	0
INH	VEN	104	2	8	0	22.3	73	17	4	-----	0	0	0
INS	COL	143	2	10	0	32.8	88	24	13	CDC	1	5	0
	ECU	24	2	1	0	28.6	15	6	0	-----	0	0	0
LSP	MEX	265	0	14	0	23.5	192	47	1	CDC	6	0	5
MAL	ARG	85	0	11	3	22.5	55	8	0	MAL	8	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	28	0	2	1	48.0	13	11	0	MAL	1	0	0
	URU	3	0	1	0	50.0	1	1	0	-----	0	0	0
TOTAL		1935	89	136	37	25.6	1245	279	36		98	8	7

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/31 - 91/30)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	2	1	0	0	0	0	0	2	1	3	2	13
	ELS	1	0	0	0	0	0	0	0	0	0	1	0	2
	GUT	0	1	0	0	0	0	0	0	0	0	0	0	1
	HON	1	0	0	0	0	0	0	0	1	0	0	0	2
	MEX	0	0	1	0	0	0	0	0	0	0	0	0	1
F	VEN	0	1	3	0	0	0	0	0	0	0	0	0	4
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	0	0	3	2	1	0	2	0	1	0	0	11
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		7	4	5	4	2	1	0	2	3	2	4	2	36

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/31 - 91/30)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
Guatemala	Magdalena	P1	12/29/90	52
	Chimaltenango	P3	09/20/90	38
Mexico	San Juan Saca.	P3	10/02/90	40
	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
Peru	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
Peru	Bolivar	P1	02/25/91	09
	Piura	P1	02/02/91	05
	Huancayo	P1	04/06/91	14

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	43	0.75
BOL	59	1.84	34	1.84
BRA	904	1.66	478	1.52
CAN	0	0.00	0	0.00
CAR	10	0.32	5	0.28
CHI	179	4.26	90	3.71
COL	206	1.75	88	1.29
COR	10	0.91	2	0.32
CUB	24	0.92	8	0.53
DOR	12	0.43	8	0.50
ECU	61	1.39	28	1.10
ELS	88	3.67	52	3.76
GUT	105	2.50	52	2.15
HAI	20	0.77	19	1.27
HON	69	3.00	27	2.03
MEX	340	1.19	192	1.17
NIC	17	0.94	13	1.25
PAN	9	1.00	4	0.77
PAR	33	1.94	20	2.04
PER	101	1.13	48	0.93
URU	6	0.67	2	0.39
USA	0	0.00	0	0.00
VEN	126	1.64	53	1.19
TOTAL	2490	1.12	1266	0.99

* ADJUSTED

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM	WEEKS												
		1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25	26	27	28	29	30	
ARG	0	39	5	4	3	6	3	6	1	2	0	3	6	0	
BOL	0	8	0	0	0	0	0	4	0	0	4	0	0	0	
BRA	0	234	6	7	16	24	55	51	19	19	17	13	5	2	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	3	5	1	0	0	0	0	1	1	0	0	0	2	0	
CHI	0	6	0	0	0	0	0	3	0	1	0	1	1	0	
COL	2	53	0	2	3	9	10	10	4	3	2	4	5	1	
COR	0	2	0	0	0	2	0	0	0	0	0	NR	NR	NR	
CUB	1	4	0	0	0	0	1	2	0	0	0	1	0	0	
DOR	0	4	0	0	0	0	0	0	0	1	1	1	1	0	
ECU	9	22	2	1	3	5	1	7	0	0	0	1	1	1	
ELS	2	17	0	1	0	3	1	8	0	0	0	2	2	NR	
GUT	0	23	0	0	0	0	2	7	1	2	4	2	1	4	
HAI	0	12	0	0	1	1	4	2	1	2	0	0	1	0	
HON	0	7	0	0	1	0	0	1	1	2	1	0	0	1	
MEX	0	73	0	3	5	7	20	14	6	4	5	6	2	1	
NIC	0	2	0	0	0	0	0	1	1	0	0	0	0	0	
PAN	1	2	0	0	0	0	1	0	0	0	1	0	0	0	
PAR	0	11	0	1	1	5	2	2	0	0	0	0	0	0	
PER	0	11	0	0	1	1	1	2	1	0	2	2	1	0	
URU	0	2	0	0	1	0	0	1	0	0	0	0	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	1	31	1	3	2	4	5	7	2	2	3	2	0	0	
TOTAL	19	568	15	22	37	67	106	129	38	38	40	38	28	10	

NR NO REPORT RECEIVED

Table No. 3

CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	7	3

Table No. 4

POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	14	5	0
BOL	0	0	0
BRA	14	6	1
CAN	0	0	0
CAR	0	0	0
CHI	1	1	0
COL	8	3	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	4	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	9	0
URU	0	0	0
USA	0	0	0
VEN	9	3	2
TOTAL	75	35	7

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.29

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 20 July 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 6 April 1991, in Perú

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/30 - 91/29)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR HAI	5	0	0	0	20.0	4	1	0	-----	0	0	0
		17	0	3	0	21.4	11	3	0	-----	0	0	0
FIO	BOL	59	8	9	3	38.5	24	4	1	FIO	10	0	0
	BRA	839	62	71	11	18.7	565	68	11	FIO	51	0	0
	PER	98	6	14	16	24.2	47	3	2	FIO	7	3	0
INC	COR	7	0	0	0	14.3	6	1	0	-----	0	0	0
	ELS	84	0	5	0	48.1	41	29	2	CDC	7	0	0
	GUT	94	0	4	0	33.3	60	26	0	CDC	2	0	2
	HON	65	0	3	0	45.2	34	24	4	-----	0	0	0
	NIC	11	0	0	0	54.5	5	6	0	-----	0	0	0
	PAN	4	0	1	0	33.3	2	1	0	-----	0	0	0
INH	VEN	103	1	8	0	22.3	73	17	4	-----	0	0	0
INS	COL	144	4	4	1	32.6	91	24	14	CDC	1	5	0
	ECU	23	0	1	0	31.8	15	7	0	-----	0	0	0
LSP	MEX	267	10	7	0	24.4	189	50	2	CDC	4	0	5
MAL	ARG	85	0	11	1	20.5	58	7	2	MAL	6	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	28	2	2	4	20.0	16	3	0	MAL	1	0	0
	URU	3	0	1	0	50.0	1	1	0	-----	0	0	0
TOTAL		1937	93	144	36	25.4	1242	275	42		90	8	7

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/30 - 91/29)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	2	1	2	0	0	0	0	1	1	4	2	14
	ELS	1	0	0	0	0	0	0	0	0	0	1	0	2
	HON	1	0	0	0	0	0	2	0	1	0	0	0	4
	MEX	0	0	2	0	0	0	0	0	0	0	0	0	2
	VEN	0	1	3	0	0	0	0	0	0	0	0	0	4
FTC	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	0	0	3	2	1	0	2	0	1	0	0	11
MAL	PER	0	0	0	1	1	0	0	0	0	0	0	0	2
	ARG	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		7	3	7	6	3	1	2	2	2	2	5	2	42

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/30 - 91/29)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Guatemala	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/02/90	43
Peru	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
Peru	Bolivar	P1	02/25/91	09
	Piura	P1	02/02/91	05
	Huancayo	P1	04/06/91	14

Acute Flaccid Paralysis Surveillance

Table No. 1
REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	45	0.81
BOL	59	1.84	34	1.91
BRA	904	1.66	456	1.50
CAN	0	0.00	0	0.00
CAR	10	0.32	4	0.23
CHI	179	4.26	90	3.84
COL	205	1.74	88	1.34
COR	10	0.91	2	0.33
CUB	24	0.92	7	0.48
DOR	12	0.43	8	0.51
ECU	61	1.39	27	1.10
ELS	88	3.67	52	3.89
GUT	105	2.50	48	2.05
HAI	20	0.77	18	1.24
HON	69	3.00	25	1.95
MEX	340	1.19	187	1.18
NIC	17	0.94	13	1.30
PAN	9	1.00	4	0.80
PAR	33	1.94	20	2.11
PER	101	1.13	48	0.97
URU	6	0.67	2	0.40
USA	0	0.00	0	0.00
VEN	126	1.64	53	1.23
TOTAL	2489	1.12	1231	0.99

* ADJUSTED

Table No. 2
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM	WEEKS											
		1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25	26	27	28	29	
ARG	0	41	7	4	3	6	3	6	1	2	0	3	6	
BOL	0	8	0	0	0	0	0	4	0	0	4	0	0	
BRA	0	231	6	7	17	32	61	53	19	16	13	7	0	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	3	4	1	0	0	0	0	1	0	0	0	0	2	
CHI	0	11	0	0	0	0	0	9	0	1	0	1	0	
COL	2	57	0	2	4	10	12	10	4	3	2	4	6	
COR	0	2	0	0	0	2	0	0	0	0	0	NR	NR	
CUB	1	3	0	0	0	0	1	2	0	0	0	NR	NR	
DOR	0	4	0	0	0	0	0	0	0	1	1	1	1	
ECU	9	21	2	1	3	5	1	7	0	0	0	1	1	
ELS	2	17	0	1	0	3	1	8	0	0	0	2	2	
GUT	0	21	0	1	0	0	3	7	1	2	4	2	1	
HAI	0	11	0	0	1	1	4	2	1	2	0	0	0	
HON	0	12	0	0	2	3	3	1	1	2	0	0	0	
MEX	0	75	0	3	8	8	22	15	7	3	4	5	0	
NIC	0	2	0	0	0	0	0	1	1	0	0	0	NR	
PAN	1	2	0	0	0	0	1	0	0	0	1	0	0	
PAR	0	11	0	1	1	5	2	2	0	0	0	0	0	
PER	0	16	0	0	1	2	2	4	1	1	2	2	1	
URU	0	2	0	0	1	0	0	1	0	0	0	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	1	33	1	3	2	4	6	8	2	2	3	2	0	
TOTAL	19	584	17	23	43	81	122	141	38	35	34	30	20	

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	7	3

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	16	5	0
BOL	0	0	0
BRA	14	6	1
CAN	0	0	0
CAR	0	0	0
CHI	1	1	0
COL	8	3	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	4	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	9	0
URU	0	0	0
USA	0	0	0
VEN	9	2	1
TOTAL	77	34	6

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.28

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 13 July 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 6 April 1991, in Perú

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/29 - 91/28)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS		ISOLATION CHARACTERIZATION			
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	Wild P3
CAR	DOR HAI	5	0	0	0	20.0	4	1	0	-----	0	0	0
		14	0	0	0	21.4	11	3	0	-----	0	0	0
FIO	BOL	56	6	8	3	41.0	23	4	2	FIO	10	0	0
	BRA	834	89	39	13	19.0	561	71	11	FIO	50	0	0
	PER	94	2	14	16	23.0	47	3	2	FIO	7	3	0
INC	COR	8	0	0	0	12.5	7	1	0	-----	0	0	0
	ELS	85	0	8	0	50.6	38	30	2	CDC	7	0	0
	GUT	95	0	5	0	33.3	60	26	0	CDC	2	0	2
	HON	64	3	0	0	44.3	34	23	4	-----	0	0	0
	NIC	11	0	0	0	54.5	5	6	0	-----	0	0	0
	PAN	4	0	1	0	33.3	2	1	0	-----	0	0	0
INH	VEN	103	1	10	0	22.8	71	18	3	-----	0	0	0
INS	COL	147	8	7	0	31.1	91	24	11	CDC	1	5	0
	ECU	18	0	0	0	33.3	12	6	0	-----	0	0	0
LSP	MEX	255	7	11	1	25.4	176	52	2	CDC	1	0	5
MAL	ARG	80	0	6	1	20.5	58	7	2	MAL	6	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	28	4	3	3	22.2	14	3	1	-----	0	0	0
	URU	3	0	1	0	50.0	1	1	0	-----	0	0	0
TOTAL		1905	120	113	37	25.6	1215	280	40		85	8	7

Each sample relates to an individual

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Last 52 Weeks (90/29 - 91/28)

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	1	1	1	1	3	2	0	0	1	0	11
	ELS	1	0	0	0	0	0	0	0	0	0	1	0	2
	HON	1	0	1	0	0	0	1	0	1	0	0	0	4
	MEX	0	0	0	0	0	0	0	0	0	1	0	1	2
FIO	VEN	0	1	2	0	0	0	0	0	0	0	0	0	3
	BOL	1	0	0	0	1	0	0	0	0	0	0	0	2
	BRA	2	0	0	2	2	1	0	3	0	1	0	0	11
	PER	0	0	0	1	1	0	0	0	0	0	0	0	2
M/	PAR	0	0	0	0	0	0	1	0	0	0	0	0	1
	MAL	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		7	1	5	4	5	2	5	5	1	2	2	1	40

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/29 - 91/28)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Guatemala	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
Peru	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
Peru	Piura	P1	02/02/91	05
	Huancayo	P1	04/06/91	14

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	37	0.69
BOL	59	1.84	31	1.80
BRA	904	1.66	440	1.50
CAN	0	0.00	0	0.00
CAR	10	0.32	1	0.06
CHI	179	4.26	90	3.98
COL	205	1.74	82	1.29
COR	10	0.91	2	0.34
CUB	24	0.92	7	0.50
DOR	12	0.43	7	0.46
ECU	61	1.39	26	1.10
ELS	88	3.67	49	3.79
GUT	105	2.50	47	2.08
HAI	20	0.77	10	0.71
HON	69	3.00	25	2.02
MEX	340	1.19	169	1.10
NIC	17	0.94	13	1.34
PAN	9	1.00	4	0.83
PAR	33	1.94	20	2.18
PER	101	1.13	47	0.98
URU	6	0.67	2	0.41
USA	0	0.00	0	0.00
VEN	126	1.64	53	1.28
TOTAL	2489	1.12	1162	0.97

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM	WEEKS									
		1991	1- 4	5- 8	9-12	13-16	17-20	21-24	25	26	27	28
ARG	18	33	7	4	3	6	3	6	1	2	0	1
BOL	0	7	0	0	0	0	1	5	0	0	1	NR
BRA	0	240	6	9	18	44	65	57	17	14	8	2
CAN	0	0	0	0	0	0	0	0	0	0	0	0
CAR	3	1	1	0	0	0	0	0	0	0	0	0
CHI	0	11	0	0	0	0	0	9	0	1	0	1
COL	2	51	0	2	4	10	13	10	4	3	2	3
COR	0	2	0	0	0	2	0	0	0	0	0	NR
CUB	1	3	0	0	0	0	1	2	0	0	0	NR
DOR	0	3	0	0	0	0	0	0	0	1	1	1
ECU	9	20	2	1	3	5	1	7	0	0	0	1
ELS	2	15	0	1	0	3	2	8	0	0	0	1
GUT	0	20	0	1	0	0	3	7	1	2	4	2
HAI	0	10	0	0	1	1	4	2	2	0	0	0
HON	0	12	0	0	2	3	3	1	1	2	0	0
MEX	0	68	0	4	9	12	25	14	4	NR	NR	NR
NIC	0	2	0	0	0	0	0	1	1	0	0	0
PAN	1	2	0	0	0	0	1	0	0	0	1	0
PAR	0	14	0	4	1	5	2	2	0	0	0	0
PER	0	19	0	0	1	2	2	4	1	4	2	3
URU	0	2	0	0	1	0	0	1	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0	0	0
VEN	1	34	1	3	2	4	7	8	2	2	3	2
TOTAL	37	569	17	29	45	97	133	144	34	31	22	17

* ADJUSTED

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	7	3

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	5	1
CAN	0	0	0
CAR	0	0	0
CHI	1	1	0
COL	8	3	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	4	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	8	0
URU	0	0	0
USA	0	0	0
VEN	9	2	1
TOTAL	61	27	6

CAR INCLUDES REPORTS FROM ALL CAREC MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.27

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 6 July 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 4 April 1991, in Perú

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Last 52 Weeks (90/28 - 91/27)

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	Wild	P3
CAR	DOR HAI	5	0	0	0	20.0	4	1	0	-----	0	0	0
		14	0	0	0	21.4	11	3	0	-----	0	0	0
FIO	BOL BRA PER	55	5	8	3	38.5	24	4	1	FIO	10	0	0
		824	95	27	15	18.9	557	72	5	FIO	53	0	0
		88	4	11	17	19.6	45	2	0	FIO	6	3	0
INC	COR ELS GUT HON NIC PAN	8	0	0	0	12.5	7	1	0	-----	0	0	0
		88	2	8	0	50.0	39	30	2	CDC	7	0	0
		98	0	5	0	34.4	61	28	0	CDC	2	0	2
		65	5	1	0	42.4	34	21	4	-----	0	0	0
		11	0	0	0	54.5	5	6	0	-----	0	0	0
		4	0	0	0	25.0	3	1	0	-----	0	0	0
INH	VEN	102	2	12	0	25.0	66	17	3	CDC	2	0	0
INS	COL ECU	143	5	7	0	30.5	91	24	10	CDC	1	5	0
		48	0	7	0	22.0	32	9	0	-----	0	0	0
LSP	MEX	259	7	11	1	25.0	180	52	2	CDC	1	0	5
MAL	ARG CHI PAR URU	78	0	4	2	20.8	57	7	2	MAL	6	0	0
		1	0	0	0	100.0	0	0	0	MAL	1	0	0
		29	6	3	4	6.3	15	0	1	-----	0	0	0
		3	0	1	0	50.0	1	1	0	-----	0	0	0
TOTAL		1923	131	105	42	25.1	1232	279	30		89	8	7

* EACH SAMPLE RELATES TO AN INDIVIDUAL

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/28 - 91/27

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	4	3	0	0	0	0	0	0	1	0	10
	ELS	1	0	0	0	0	0	0	0	0	0	1	0	2
	HON	1	0	0	0	0	0	2	0	1	0	0	0	4
	MEX	0	0	0	0	0	0	0	0	0	1	0	1	2
	VEN	0	1	2	0	0	0	0	0	0	0	0	0	3
FIO	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	0	0	2	0	0	0	0	0	1	0	0	5
MA	PAR	0	0	0	0	0	0	1	0	0	0	0	0	1
	ARG	0	0	0	0	1	0	1	0	0	0	0	0	2
TOTAL		7	1	6	5	1	0	4	0	1	2	2	1	30

Table No. 3
WILD POLIOVIRUS ISOLATED
Last 52 Weeks (90/28 - 91/27)

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
Guatemala	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
Peru	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
Colombia	Bolivar	P1	01/08/91	02
Peru	Bolivar	P1	02/25/91	09
	Piura	P1	02/02/91	05
	Huancayo	P1	04/06/91	14

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	36	0.69
BOL	59	1.84	31	1.87
BRA	904	1.66	408	1.44
CAN	0	0.00	0	0.00
CAR	10	0.32	1	0.06
CHI	179	4.26	89	4.08
COL	205	1.74	77	1.26
COR	10	0.91	2	0.35
CUB	24	0.92	4	0.30
DOR	12	0.43	6	0.41
ECU	61	1.39	25	1.09
ELS	88	3.67	48	3.85
GUT	105	2.50	45	2.06
HAI	20	0.77	10	0.74
HON	69	3.00	26	2.18
MEX	340	1.19	169	1.14
NIC	17	0.94	13	1.39
PAN	9	1.00	3	0.64
PAR	33	1.94	20	2.27
PER	101	1.13	40	0.87
URU	6	0.67	2	0.43
USA	0	0.00	0	0.00
VEN	126	1.64	46	1.15
TOTAL	2489	1.12	1101	0.96

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS													
			1- 4	5- 8	9-12	13-16	17-20	21	22	23	24	25	26	27		
ARG	20	32	7	4	3	6	3	3	1	2	0	1	2	0		
BOL	0	7	0	0	0	0	1	1	1	2	1	0	0	1		
BRA	0	213	6	9	18	45	68	8	16	15	14	8	5	1		
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAR	3	1	1	0	0	0	0	0	0	0	0	0	0	0		
CHI	0	10	0	0	0	0	0	2	4	1	2	0	1	0		
COL	2	47	0	2	5	10	13	3	2	1	3	4	3	1		
COR	0	2	0	0	0	2	0	0	0	0	0	0	0	NR		
CUB	1	1	0	0	0	0	0	0	1	0	0	0	0	0		
DOR	0	2	0	0	0	0	0	0	0	0	0	0	1	1		
ECU	9	19	2	1	3	5	1	2	2	2	1	0	0	0		
ELS	2	20	0	1	0	3	6	4	2	3	1	0	0	0		
GUT	0	21	0	1	0	0	4	4	0	2	2	2	2	4		
HAI	0	10	0	0	1	1	4	0	0	1	1	2	0	0		
HON	0	13	0	0	2	3	3	0	0	1	0	2	2	0		
MEX	0	68	0	4	9	12	25	2	5	2	5	4	NR	NR		
NIC	0	5	0	0	0	0	3	0	0	1	0	1	0	0		
PAN	1	1	0	0	0	0	1	0	0	0	0	0	0	0		
PAR	0	14	0	4	1	5	2	1	0	0	1	0	0	0		
PER	0	15	0	0	1	3	3	1	1	3	0	1	1	1		
URU	0	2	0	0	1	0	0	0	1	0	0	0	0	0		
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
VEN	2	28	1	3	2	5	7	3	2	1	2	2	0	0		
TOTAL	40	531	17	29	46	100	144	34	38	37	33	27	17	9		

* ADJUSTED

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	0	0	0
CAN	0	0	0
CAR	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	7	3

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	4	1
CAN	0	0	0
CAR	0	0	0
CAR	0	0	0
CHI	1	1	0
COL	8	3	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	4	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	7	0
URU	0	0	0
USA	0	0	0
VEN	10	2	2
TOTAL	62	25	7

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Vol. 6, No.26

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 29 June 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 4 April 1991, in Perú

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/27 - 91/26

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION			CHARACTERIZATION		
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	Wild P3
CAR	DOR	7	0	0	0	28.6	5	2	0	-----	0	0	0
	HAI	14	0	0	0	21.4	11	3	0	-----	0	0	0
	TRT	3	0	0	0	0.0	3	0	0	-----	0	0	0
FIO	BOL	52	12	0	11	51.7	14	4	1	FIO	10	0	0
	BRA	793	86	27	14	19.2	538	70	7	FIO	51	0	0
	PER	83	4	11	17	20.0	40	2	0	FIO	6	3	0
INC	COR	8	0	0	0	12.5	7	1	0	-----	0	0	0
	ELS	88	5	8	0	49.3	38	28	2	CDC	7	0	0
	GUT	95	1	5	0	33.7	59	26	0	CDC	2	0	2
	HON	62	2	3	0	40.4	34	21	2	-----	0	0	0
	NIC	17	0	1	0	31.3	11	5	0	-----	0	0	0
	PAN	5	0	0	0	20.0	4	1	0	-----	0	0	0
INH	VEN	99	2	12	0	24.7	64	16	2	CDC	3	0	0
INS	COL	140	8	4	0	32.8	86	24	12	CDC	1	5	0
	ECU	42	4	1	1	22.2	28	8	0	-----	0	0	0
LSP	MEX	265	7	11	1	25.2	184	53	4	CDC	0	0	5
MAL	ARG	90	0	11	5	20.3	59	9	0	MAL	6	0	0
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	29	6	6	2	0.0	15	0	0	-----	0	0	0
	URU	3	0	1	1	0.0	1	0	0	-----	0	0	0
TOTAL		1896	137	101	52	23.6	1333	273	30		87	8	7

* EACH SAMPLE RELATES TO AN INDIVIDUAL

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/27 - 91/26

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	1	1	2	0	3	2	0	1	1	0	12
	ELS	1	0	0	0	0	0	0	0	0	0	1	0	2
	HON	1	0	0	0	0	0	0	0	1	0	0	0	2
	MEX	0	0	0	0	1	0	1	0	0	1	0	1	4
FIO	VEN	0	1	1	0	0	0	0	0	0	0	0	0	2
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	3	0	0	2	0	0	0	0	1	1	0	0	7
TOTAL		7	1	2	3	3	0	4	2	2	3	2	1	30

Table No. 3
WILD POLIOVIRUS ISOLATED
Weeks 90/26 - 91/25

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
	Bolivar	P1	01/08/91	02
Guatemala	Bolivar	P1	02/25/91	09
	Chimaltenango	P3	09/20/90	38
Mexico	San Juan Saca.	P3	10/02/90	40
	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
Peru	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
	Amazonas	P1	10/11/90	41
	Piura	P1	02/02/91	05
	Huancayo	P1	04/06/91	14

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	36	0.72
BOL	59	1.84	30	1.88
BRA	904	1.66	391	1.43
CAN	0	0.00	0	0.00
CAR	10	0.32	1	0.06
CHI	179	4.26	88	4.19
COL	205	1.74	76	1.29
COR	10	0.91	2	0.36
CUB	24	0.92	4	0.31
DOR	12	0.43	4	0.29
ECU	61	1.39	25	1.14
ELS	87	3.63	48	4.00
GUT	105	2.50	41	1.95
HAI	20	0.77	10	0.62
HON	69	3.00	22	1.91
MEX	340	1.19	169	1.19
NIC	16	0.89	13	1.44
PAN	9	1.00	3	0.67
PAR	33	1.94	20	2.35
PER	101	1.13	39	0.88
URU	6	0.67	2	0.44
USA	0	0.00	0	0.00
VEN	126	1.64	46	1.19
TOTAL	2487	1.12	1070	0.96

* ADJUSTED

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM	WEEKS											
		1991	1- 4	5- 8	9-12	13-16	17-20	21	22	23	24	25	26	
ARG	20	32	7	4	3	6	3	3	1	2	0	1	2	
BOL	0	8	0	0	1	0	1	2	1	2	1	0	0	
BRA	0	208	8	11	19	48	70	10	16	12	13	1	0	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	7	1	0	0	0	0	0	0	0	0	0	0	0	
CHI	0	11	0	0	0	0	1	2	4	1	2	0	1	
COL	2	46	0	2	5	10	13	3	2	1	3	4	3	
COR	0	2	0	0	0	2	0	0	0	0	0	0	0	
CUB	1	0	0	0	0	0	0	0	0	0	0	0	0	
DOR	0	0	0	0	0	0	0	0	0	0	0	0	NR	
ECU	11	20	2	1	3	5	1	3	2	2	1	0	0	
ELS	2	21	0	1	0	3	6	5	2	3	1	0	0	
GUT	0	19	0	1	0	0	6	4	0	2	2	2	2	
HAI	0	10	0	0	1	1	4	0	0	1	1	0	2	
HON	0	9	0	0	2	3	3	0	0	1	0	0	0	
MEX	0	68	0	4	9	12	25	2	5	2	5	4	NR	
NIC	0	6	0	0	0	0	4	0	0	1	0	1	0	
PAN	3	1	0	0	0	0	1	0	0	0	0	0	0	
PAR	0	14	0	4	1	5	2	1	0	0	1	0	0	
PER	0	14	0	0	1	3	3	1	1	3	0	1	1	
URU	0	2	0	0	1	0	0	0	1	0	0	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	2	28	1	3	2	5	7	3	2	1	2	2	0	
TOTAL	48	520	19	31	48	103	150	39	37	34	32	16		

NR NO REPORT RECEIVED

Table No. 3

CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	3	2	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	18	7	3

Table No. 4

POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	4	2
CAN	0	0	0
CAR	0	0	0
CHI	1	1	0
COL	8	3	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	3	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	16	5	0
URU	0	0	0
USA	0	0	0
VEN	10	2	2
TOTAL	62	22	8

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

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Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 22 June 1991

Poliovirus Surveillance

Last wild poliovirus was detected on 25 February 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/26 - 91/25

LAB.	CNTRY.	TOTAL *	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION						
			Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending	Lab.	Vaccine	P1	Wild P3	
CAR	DOR	8	0	0	0	25.0	6	2	0	-----	0	0	0	
	HAI	14	0	0	0	21.4	11	3	0	-----	0	0	0	
	TRT	3	0	0	0	0.0	3	0	0	-----	0	0	0	
FIO	BOL	54	12	1	12	48.3	15	5	1	FIO	8	0	0	
	BRA	810	95	34	12	19.4	539	71	9	FIO	50	0	0	
	PER	84	5	17	14	14.6	41	2	0	FIO	5	20	0	
INC	COR	8	0	0	0	12.5	7	1	0	-----	0	0	0	
	ELS	90	7	5	0	48.7	40	27	3	CDC	8	0	0	
	GUT	98	1	4	0	35.5	60	29	0	CDC	2	0	2	
	HON	62	1	6	0	41.8	32	21	2	-----	0	0	0	
	NIC	16	1	3	0	25.0	9	3	0	-----	0	0	0	
	PAN	5	0	0	0	20.0	4	1	0	-----	0	0	0	
INH	VEN	101	3	11	0	25.3	65	17	2	CDC	3	0	0	
INS	COL	136	4	10	0	30.3	85	22	9	CDC	1	5	0	
	ECU	44	3	4	2	25.7	26	9	0	-----	0	0	0	
LSP	MEX	272	7	12	0	24.9	190	54	4	CDC	0	0	5	
MAL	ARG	90	0	9	5	19.7	61	9	1	MAL	5	0	0	
	CHI	1	0	0	0	100.0	0	0	0	MAL	1	0	0	
	PAR	30	2	6	3	15.8	16	3	0	-----	0	0	0	
	URU	3	0	1	1	0.0	1	0	0	-----	0	0	0	
TOTAL		1929	141	123	49	23.5	1211	279	31		83	75	7	

* EACH SAMPLE RELATES TO AN INDIVIDUAL

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/26 - 91/25

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	3	2	0	1	1	0	0	0	0	0	9
	ELS	1	0	0	1	0	0	0	0	0	0	1	0	3
	HON	1	0	0	0	0	0	0	0	1	0	0	0	2
	MEX	1	0	1	0	0	0	0	0	0	1	0	1	4
FIO	VEN	0	1	1	0	0	0	0	0	0	0	0	0	2
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
MAL	BRA	2	0	0	4	0	0	0	0	2	1	0	0	9
	ARG	0	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL		8	1	6	7	0	1	1	0	3	2	1	1	31

Table No. 3
WILD POLIOVIRUS ISOLATED
Weeks 90/26 - 91/25

COUNTRY	SITE	STATE	VIRUS TYPE	DATE OF COLLECTION	WK
Colombia	Atlantico		P1	09/22/90	38
	Magdalena		P1	11/20/90	47
	Magdalena		P1	12/29/90	52
	Bolivar		P1	01/08/91	02
	Bolivar		P1	02/25/91	09
Guatemala	Chimaltenango		P3	09/20/90	38
	San Juan Saca.		P3	10/02/90	40
Mexico	Colima		P3	09/10/90	37
	Colima		P3	09/24/90	39
	Colima		P3	09/25/90	39
	Jalisco		P3	10/23/90	43
Peru	Amazonas		P1	10/11/90	41

Peru P1 2/2/91
Peru P1 4/4/91

Acute Flaccid Paralysis Surveillance

Table No. 1

REPORTED CASES OF ACUTE FLACCID
PARALYSIS AND RATE PER 100,000
POPULATION UNDER 15 YEARS OF AGE

SITE	TOTAL		CUMULATIVE	
	CASES 1990	RATE 1990	CASES 1991	RATE 1991*
ARG	111	1.11	34	0.71
BOL	59	1.84	30	1.95
BRA	904	1.66	390	1.49
CAN	0	0.00	0	0.00
CAR	10	0.32	1	0.07
CHI	179	4.26	81	4.01
COL	205	1.74	62	1.09
COR	10	0.91	2	0.38
CUB	24	0.92	4	0.32
DOR	12	0.43	4	0.30
ECU	61	1.39	24	1.13
ELS	87	3.63	48	4.16
GUT	105	2.50	39	1.93
HAI	20	0.77	8	0.64
HON	69	3.00	22	1.99
MEX	340	1.19	169	1.23
NIC	16	0.89	13	1.50
PAN	9	1.00	3	0.69
PAR	33	1.94	20	2.45
PER	101	1.13	38	0.89
URU	6	0.67	2	0.46
USA	0	0.00	0	0.00
VEN	126	1.64	46	1.24
TOTAL	2487	1.12	1040	0.97

* ADJUSTED

Table No. 2

CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM	WEEKS										
		1991	1- 4	5- 8	9-12	13-16	17-20	21	22	23	24	25	
ARG	20	30	7	4	3	6	3	3	1	2	0	1	
BOL	0	8	0	0	1	0	1	2	1	2	1	0	
BRA	0	207	8	11	19	48	70	10	16	12	12	1	
CAN	0	0	0	0	0	0	0	0	0	0	0	0	
CAR	7	0	0	0	0	0	0	0	0	0	0	NR	
CHI	0	21	1	0	1	3	6	2	5	2	1	0	
COL	2	41	0	2	10	14	11	3	1	0	0	NR	
COR	0	2	0	0	0	2	0	0	0	NR	0	NR	
CUB	1	0	0	0	0	0	0	0	0	0	0	NR	
DOR	0	0	0	0	0	0	0	0	0	0	0	0	
ECU	11	19	2	1	3	5	1	3	2	2	0	NR	
ELS	2	27	0	2	1	7	6	5	2	3	1	NR	
GUT	0	17	0	1	0	0	6	4	0	2	2	2	
HAI	0	8	0	0	1	1	4	0	0	1	1	0	
HON	0	9	0	0	2	3	3	0	0	1	0	0	
MEX	0	68	0	4	9	12	25	2	5	2	5	4	
NIC	0	6	0	0	0	0	4	0	0	1	0	1	
PAN	3	3	0	1	1	0	1	0	0	0	0	0	
PAR	0	18	0	5	4	5	2	1	0	0	1	NR	
PER	0	13	0	0	1	3	3	1	1	3	0	1	
URU	0	2	0	0	1	0	0	0	1	0	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	0	
VEN	12	39	3	5	4	8	8	3	2	2	2	2	
TOTAL	58	539	22	36	61	117	154	39	37	35	26	12	

NR NO REPORT RECEIVED

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	2	1
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	17	7	3

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	4	2
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	3	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	3	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	17	5	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	60	21	4

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.24

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 15 June 1991

Last wild poliovirus was detected on 25 February 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/25 - 91/24

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	OTHER ENTERO- VIRUS	ENTEROVIRUS ISOLATION CHARACTERIZATION				
				Not yet in Lab	<10 wks	>10 wks				Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	8	0.3	0	0	0	25.0	6	2	0	-----	0	0	0
	HAI	14	0.5	0	1	0	23.1	10	3	0	-----	0	0	0
	TRT	3	0.0	0	0	0	0.0	3	0	0	-----	0	0	0
FIO	BOL	53	1.7	11	7	6	48.3	15	5	1	FIO	8	0	0
	BRA	823	1.5	90	31	11	20.4	550	78	10	FIO	53	0	0
	PER	83	0.9	4	17	14	14.6	41	2	0	FIO	5	0	0
INC	COR	11	1.0	0	0	0	27.3	8	3	0	-----	0	0	0
	ELS	90	3.8	7	7	0	48.7	39	27	2	CDC	8	0	0
	GUT	102	2.4	1	4	0	36.1	62	31	0	CDC	2	0	2
	HON	61	2.7	0	6	0	41.8	32	21	2	-----	0	0	0
	NIC	16	0.9	1	3	0	25.0	9	3	0	-----	0	0	0
	PAN	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0
INH	VEN	101	1.3	4	10	0	24.1	66	17	1	CDC	3	0	0
INS	COL	138	1.2	4	10	0	29.8	87	22	9	CDC	1	5	0
	ECU	44	1.0	3	5	1	25.7	26	9	0	-----	0	0	0
LSP	MEX	272	1.0	1	12	0	26.6	190	60	4	CDC	0	0	5
MAL	ARG	91	0.9	0	10	3	19.2	63	9	2	MAL	4	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	30	1.8	3	7	4	18.8	13	3	0	-----	0	0	0
	URU	3	0.3	0	1	1	0.0	1	0	0	-----	0	0	0
TOTAL		1949	1.3	129	131	40	24.1	1225	296	31		85	5	7

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO AN INDIVIDUAL

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/25 - 91/24

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	3	2	0	1	1	0	0	0	0	0	9
	ELS	1	0	0	0	0	0	0	0	0	0	1	0	2
	HON	1	0	0	0	0	0	0	0	1	0	0	0	2
	MEX	1	0	1	0	0	0	0	0	0	1	0	1	4
	VEN	0	1	0	0	0	0	0	0	0	0	0	0	1
FT	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	0	0	5	0	0	0	0	2	1	0	0	10
MAL	ARG	0	0	2	0	0	0	0	0	0	0	0	0	2
TOTAL		8	1	6	7	0	1	1	0	3	2	1	1	31

Table No. 3
WILD POLIOVIRUS ISOLATED
Weeks 90/24 - 91/23

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
	Bolivar	P1	01/08/91	02
	Bolivar	P1	02/25/91	09
Guatemala	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/23/90	43
Peru	Amazonas	P1	10/11/90	41

Table No. 4
CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	2	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	17	7	2

Table No. 5
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	4	2
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	3	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	3	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	17	5	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	60	21	4

Table No. 6
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM	WEEKS									
		1991	1- 4	5- 8	9-12	13-16	17-20	21	22	23	24	
ARG	20	29	7	4	3	6	3	3	1	2	0	
BOL	0	8	0	0	1	0	2	2	1	2	0	
BRA	1	203	8	11	21	50	73	9	15	11	5	
CAN	0	0	0	0	0	0	0	0	0	0	0	
CAR	7	0	0	0	0	0	0	0	0	0	0	
CHI	0	21	1	0	1	3	6	2	5	2	1	
COL	2	41	0	2	10	14	11	3	1	0	0	
COR	0	2	0	0	0	2	0	0	0	NR	0	
CUB	1	4	0	1	2	1	0	0	0	0	NR	
DOR	0	0	0	0	0	0	0	0	0	0	0	
ECU	11	19	2	1	3	5	1	3	2	2	0	
ELS	2	27	0	2	1	7	6	5	2	3	1	
GUT	0	15	0	1	0	0	6	4	0	2	2	
HAI	0	7	0	0	1	1	4	0	0	1	0	
HON	0	8	0	0	2	3	3	0	0	0	NR	
MEX	0	60	0	4	9	12	25	1	5	2	2	
NIC	0	5	0	0	0	0	4	0	0	1	0	
PAN	3	3	0	1	1	0	1	0	0	0	0	
PAR	0	18	0	5	4	5	2	1	0	0	1	
PER	0	12	0	0	1	3	3	1	1	3	0	
URU	0	2	0	0	1	0	0	0	1	0	0	
USA	0	0	0	0	0	0	0	0	0	0	0	
VEN	12	38	3	5	4	8	9	3	2	2	2	
TOTAL	59	523	22	37	65	120	159	37	36	33	14	

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 8 June 1991

Last case with wild poliovirus had onset on 17 February 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/24 and 91/23

LAB.	CNTRY.	TOTAL * Samples	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	OTHER ENTERO- VIRUS	ENTEROVIRUS Pending	ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks					Lab.	Vaccine	Wild P1	P3
CAR	DOR	8	0.3	0	0	0	25.0	6	2	0	-----	0	0	0
	HAI	14	0.5	0	1	0	23.1	10	3	0	-----	0	0	0
	TRT	3	0.0	0	0	0	0.0	3	0	0	-----	0	0	0
FIO	BOL	49	1.5	7	7	6	48.3	15	5	1	FIO	8	0	0
	BRA	823	1.5	87	32	11	21.4	545	78	10	FIO	60	0	0
	PER	84	0.9	3	14	14	17.0	44	2	0	FIO	6	2	0
INC	COR	11	1.0	0	0	0	27.3	8	3	0	-----	0	0	0
	ELS	90	3.8	9	4	1	48.7	39	27	2	CDC	8	0	0
	GUT	103	2.5	1	1	0	35.6	65	32	0	CDC	2	0	2
	HON	62	2.7	6	0	0	42.9	32	22	2	-----	0	0	0
	NIC	15	0.8	3	0	0	25.0	9	3	0	-----	0	0	0
	PAN	8	0.9	0	0	0	12.5	7	1	0	-----	0	0	0
INH	VEN	100	1.3	5	7	0	26.1	65	18	1	CDC	4	0	0
INS	COL	139	1.2	1	12	2	29.0	88	23	7	CDC	1	5	0
	ECU	44	1.0	3	7	0	29.4	24	9	1	-----	0	0	0
LSP	MEX	274	1.0	5	13	2	26.8	186	59	4	CDC	0	0	6
MAL	ARG	91	0.9	0	10	5	19.7	61	9	2	MAL	4	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	30	1.8	1	8	4	23.5	13	4	0	-----	0	0	0
	URU	2	0.2	0	0	0	0.0	2	0	0	-----	0	0	0
TOTAL		1951	1.3	131	116	45	24.7	1222	300	30		94	7	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO AN INDIVIDUAL

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/24 - 91/23

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	3	0	0	1	1	0	0	0	0	1	7
	ECU	0	0	0	1	0	0	0	0	0	0	0	0	1
	ELS	1	0	0	0	0	0	0	0	0	0	1	0	2
	HON	1	0	0	0	0	0	0	0	1	0	0	0	2
	MEX	1	0	1	0	0	0	0	0	0	1	0	1	4
FIO	VEN	0	1	0	0	0	0	0	0	0	0	0	0	1
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
MAL	BRA	2	0	0	5	0	0	0	0	2	1	0	0	10
	ARG	0	0	2	0	0	0	0	0	0	0	0	0	2
TOTAL		7	1	6	6	0	1	1	0	3	2	1	2	30

**Table No. 3
WILD POLIOVIRUS ISOLATED
FROM SAMPLES COLLECTED IN LAST 52 WEEKS**

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Nariño	P1	06/09/90	23
	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
	Bolívar	P1	01/08/91	02
Guatemala	Bolívar	P1	02/25/91	09
	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Sinaloa	P3	06/11/90	24
	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
Peru	Amazonas	P1	10/11/90	41

**Table No. 4
CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	1	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	17	6	2

**Table No. 5
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	4	2
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	3	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	3	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	60	19	4

**Table No. 6
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUM 1991	WEEKS										
			1- 4	5- 8	9-12	13-16	17	18	19	20	21	22	23
ARG	20	29	7	4	3	6	2	1	0	0	3	1	2
BOL	0	8	0	0	1	4	0	1	0	0	1	0	1
BRA	1	200	9	13	25	57	22	13	21	19	9	8	4
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	6	0	0	0	0	0	0	0	0	0	0	0	0
CHI	0	16	1	0	1	3	2	0	1	1	1	5	1
COL	2	39	0	2	10	15	0	1	5	5	1	NR	NR
COR	0	2	0	0	0	2	0	0	0	0	0	0	NR
CUB	1	4	0	1	2	1	0	0	0	0	0	0	NR
DOR	0	0	0	0	0	0	0	0	0	0	0	0	0
ECU	11	19	2	1	3	5	1	0	0	0	3	2	2
ELS	3	26	0	2	2	7	3	1	0	2	4	2	3
GUT	0	14	0	1	0	0	2	2	2	1	4	0	2
HAI	0	7	0	0	1	1	0	0	2	2	0	0	1
HON	0	8	0	0	2	3	1	0	0	2	0	0	0
MEX	0	64	0	5	12	16	9	4	7	3	1	6	1
NIC	0	5	0	0	0	0	0	2	1	1	0	0	1
PAN	3	3	0	1	1	0	1	0	0	0	0	0	0
PAR	0	17	0	5	4	5	1	1	0	0	1	0	0
PER	0	13	0	0	1	3	0	1	2	2	2	1	1
URU	0	2	0	0	1	0	0	0	0	0	0	1	NR
USA	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	12	36	3	5	6	8	0	1	3	4	3	1	2
TOTAL	60	513	23	40	75	136	44	28	44	42	33	27	21

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 1 June 1991

Last case with wild poliovirus had onset on 17 February 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
from Cases with Onset between Weeks 90/23 and 91/22

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS			ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO-VIRUS	Pending		Lab.	Vaccine	Wild P1	P3
CAR	DOR	4	0.1	0	0	0	25.0	3	1	0	-----	0	0	0	0
	HAI	14	0.5	0	4	0	40.0	6	4	0	-----	0	0	0	0
	TRT	3	0.0	0	0	0	0.0	3	0	0	-----	0	0	0	0
FIO	BOL	47	1.5	4	10	1	43.8	18	5	1	FIO	8	0	0	0
	BRA	829	1.5	93	40	13	21.1	539	73	8	FIO	63	0	0	0
	PER	86	1.0	3	22	6	16.4	46	2	0	FIO	6	1	0	0
INC	COR	11	1.0	0	0	0	27.3	8	3	0	-----	0	0	0	0
	ELS	87	3.6	8	0	1	48.7	40	28	2	CDC	8	0	0	0
	GUT	105	2.5	1	6	0	32.7	66	28	0	CDC	2	0	0	2
	HON	62	2.7	6	0	0	42.9	32	22	1	CDC	1	0	0	0
	NIC	11	0.6	0	0	0	27.3	8	3	0	-----	0	0	0	0
	PAN	8	0.9	0	0	0	12.5	7	1	0	-----	0	0	0	0
INH	VEN	101	1.3	1	8	0	28.3	66	20	1	CDC	5	0	0	0
INS	COL	142	1.2	2	16	0	28.2	89	22	7	CDC	1	5	0	0
	ECU	44	1.0	1	8	0	28.6	25	10	0	-----	0	0	0	0
LSP	MEX	252	0.9	11	22	16	29.6	143	52	0	CDC	2	0	0	6
MAL	ARG	91	0.9	0	9	9	17.8	60	9	1	MAL	3	0	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0	0
	PAR	31	1.8	0	9	8	0.0	14	0	0	-----	0	0	0	0
	URU	2	0.2	0	0	0	0.0	2	0	0	-----	0	0	0	0
TOTAL		1931	1.3	130	154	54	26.2	1175	283	21		100	6	8	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A CASE OF ACUTE FLACCID PARALYSIS

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/23 - 91/22

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	1	4	0	0	0	0	0	0	0	0	1	7
	ELS	1	0	0	0	0	0	0	0	0	0	1	0	2
	HON	1	0	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	1	0	0	0	0	0	0	0	0	0	0	1
FIO	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	0	0	4	0	0	0	0	1	1	0	0	8
MAL	ARG	0	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL		6	2	5	4	0	0	0	0	1	1	1	1	21

**Table No. 3
WILD POLIOVIRUS ISOLATED
FROM SAMPLES COLLECTED IN LAST 52 WEEKS**

COUNTRY	SITE STATE	VIRUS TYPE	DATE OF COLLECTION	WK
Colombia	Nariño	P1	06/09/90	23
	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
	Bolívar	P1	01/08/91	02
	Bolívar	P1	02/25/91	09
Guatemala	Chimaltenango	P3	09/20/90	38
	San Juan Saca.	P3	10/02/90	40
Mexico	Sinaloa	P3	06/11/90	24
	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
Peru	Amazonas	P1	10/11/90	41

**Table No. 4
CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	1	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	1	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	17	5	2

**Table No. 5
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	4	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	3	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	0
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	3	1
NIC	0	0	0
PAN	0	0	0
PAR	2	2	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	60	19	2

**Table No. 6
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUM	WEEKS									
		1991	1- 4	5- 8	9-12	13-16	17	18	19	20	21	22
ARG	21	30	9	5	3	6	2	1	0	0	3	1
BOL	0	13	0	0	6	5	0	1	0	0	1	0
BRA	1	212	9	18	33	66	23	14	20	18	5	6
CAN	0	0	0	0	0	0	0	0	0	0	0	0
CAR	6	1	1	0	0	0	0	0	0	0	0	0
CHI	0	15	1	0	1	3	2	0	1	1	1	5
COL	2	39	0	2	10	15	0	1	5	5	1	NR
COR	0	2	0	0	0	2	0	0	0	0	0	0
CUB	9	4	0	1	2	1	0	0	0	0	NR	NR
DOR	2	1	0	1	0	0	0	0	0	0	0	0
ECU	11	17	2	1	3	5	1	0	0	0	3	2
ELS	3	24	0	2	3	7	3	1	0	2	4	2
GUT	0	14	0	1	0	2	2	2	2	1	4	0
HAI	1	6	0	0	1	1	0	0	2	2	0	0
HON	0	16	0	2	8	3	1	0	0	2	0	NR
MEX	0	87	5	12	29	22	11	4	3	1	0	0
NIC	0	5	0	1	0	0	0	2	1	1	0	0
PAN	3	3	0	1	1	0	1	0	0	0	0	NR
PAR	0	17	0	5	4	5	1	1	0	0	1	0
PER	0	12	0	0	1	3	0	1	2	2	2	1
URU	0	2	0	0	1	0	0	0	0	0	0	1
USA	0	0	0	0	0	0	0	0	0	0	0	0
VEN	13	31	3	5	6	8	0	1	3	3	2	0
TOTAL	73	551	30	57	112	154	47	29	39	38	27	18

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 25 May 1991

Last case with wild poliovirus had onset on 17 February 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/22 - 91/21

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	OTHER ENTERO- VIRUS	ENTEROVIRUS Pending	ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks					Lab.	Vaccine	Wild P1	P3
CAR	DOR	5	0.2	0	0	0	20.0	4	1	0	-----	0	0	0
	HAI	14	0.5	0	3	1	40.0	6	4	0	-----	0	0	0
	TRT	3	0.0	0	0	0	0.0	3	0	0	-----	0	0	0
FIO	BOL	45	1.4	2	10	1	43.8	18	5	1	FIO	8	0	0
	BRA	828	1.5	82	42	13	20.8	547	74	7	FIO	63	0	0
	PER	86	1.0	6	19	5	16.1	47	2	0	FIO	6	1	0
INC	COR	11	1.0	0	0	0	27.3	8	3	0	-----	0	0	0
	ELS	85	3.5	7	4	0	50.0	37	27	3	CDC	7	0	0
	GUT	107	2.5	1	6	0	32.0	68	28	0	CDC	2	0	2
	HON	64	2.8	6	0	0	41.4	34	22	1	CDC	1	0	0
	NIC	11	0.6	0	0	0	27.3	8	3	0	-----	0	0	0
	PAN	8	0.9	0	0	0	12.5	7	1	0	-----	0	0	0
INH	VEN	102	1.3	1	7	0	27.7	68	20	1	CDC	5	0	0
INS	COL	147	1.2	2	18	1	27.8	91	20	6	CDC	3	6	0
	ECU	45	1.0	2	6	0	29.7	26	11	0	-----	0	0	0
LSP	MEX	255	0.9	11	21	2	28.5	158	54	0	CDC	3	0	6
MAL	ARG	86	0.9	0	4	8	17.6	61	8	2	MAL	3	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	30	1.8	11	5	0	0.0	14	0	0	-----	0	0	0
	URU	4	0.4	0	0	0	0.0	4	0	0	-----	0	0	0
TOTAL		1937	1.3	131	145	31	24.1	1209	283	21		102	7	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/22 - 91/21

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	1	3	0	0	0	0	0	0	0	0	1	6
	ELS	1	0	0	0	0	0	0	0	1	0	1	0	3
	HON	1	0	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	1	0	0	0	0	0	0	0	0	0	0	1
FIO	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	0	0	4	0	0	0	0	1	0	0	0	7
MAL	ARG	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		7	2	4	4	0	0	0	0	2	0	1	1	21

**Table No. 3
WILD POLIOVIRUS ISOLATED
IN LAST 52 WEEKS**

SITE		VIRUS TYPE	DATE OF COLLECTION	WK
COUNTRY	STATE			
Colombia	Nariño	P1	06/09/90	23
	Atlantico	P1	09/22/90	38
	Magdalena	P1	11/20/90	47
	Magdalena	P1	12/29/90	52
	Bolívar	P1	01/08/91	02
Guatemala	Bolívar	P1	02/25/91	09
	Chimaltenango	P3	09/20/90	38
Mexico	San Juan Saca.	P3	10/02/90	40
	Sinaloa	P3	06/11/90	24
	Colima	P3	09/10/90	37
	Colima	P3	09/24/90	39
	Colima	P3	09/25/90	39
	Jalisco	P3	10/22/90	43
	Jalisco	P3	10/23/90	43
Peru	Amazonas	P1	10/11/90	41

**Table No. 4
CONFIRMED CASES OF POLIOMYELITIS
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	0	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	1	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	17	4	2

**Table No. 5
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	4	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	2	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	1
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	2	1
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	60	16	3

**Table No. 6
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUM 1991	WEEKS								
			1- 4	5- 8	9-12	13-16	17	18	19	20	21
ARG	24	28	9	5	3	6	2	1	0	0	2
BOL	0	11	0	0	6	5	0	0	0	0	0
BRA	1	213	10	23	41	72	23	13	20	10	1
CAN	0	0	0	0	0	0	0	0	0	0	0
CAR	6	1	1	0	0	0	0	0	0	0	0
CHI	0	15	1	0	1	4	2	0	5	1	1
COL	2	39	0	2	10	15	0	1	5	5	1
COR	0	2	0	0	0	2	0	0	0	0	NR
CUB	9	4	0	1	2	1	0	0	0	0	NR
DOR	2	3	0	1	0	2	0	0	0	0	0
ECU	13	16	2	1	3	6	1	0	0	0	3
ELS	3	24	0	2	6	7	3	1	0	1	4
GUT	0	20	0	1	3	5	2	2	2	1	4
HAI	1	6	0	0	1	1	0	0	2	2	0
HON	0	16	0	2	8	3	1	0	0	2	0
MEX	0	82	5	12	23	23	11	4	3	1	NR
NIC	0	5	0	1	0	0	0	2	1	1	0
PAN	3	3	0	1	1	0	1	0	0	0	0
PAR	0	17	0	5	4	4	1	1	0	0	2
PER	0	13	0	0	1	5	0	1	2	2	2
URU	0	1	0	0	1	0	0	0	0	0	NR
USA	0	0	0	0	0	0	0	0	0	0	0
VEN	13	31	3	5	7	8	0	1	3	2	2
TOTAL	78	550	31	62	121	169	47	27	43	28	22

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



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Weekly Bulletin for the
week ending 18 May 1991

Last case with wild poliovirus had onset on 17 February 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/21 - 91/20

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending	Lab.	Vaccine	Wild P1 P3	
CAR	DOR	5	0.2	0	0	0	20.0	4	1	0	-----	0	0	0
	HAI	14	0.5	0	3	1	40.0	6	4	0	-----	0	0	0
	TRT	3	0.0	0	0	0	0.0	3	0	0	-----	0	0	0
FIO	BOL	45	1.4	4	8	1	37.5	20	4	2	FIO	6	0	0
	BRA	815	1.5	100	47	8	21.2	520	74	8	FIO	58	0	0
	PER	83	0.9	3	19	5	17.9	46	3	0	FIO	6	1	0
INC	COR	11	1.0	0	0	0	27.3	8	3	0	-----	0	0	0
	ELS	84	3.5	2	5	0	50.6	38	29	4	CDC	6	0	0
	GUT	105	2.5	1	5	0	33.3	66	29	0	CDC	2	0	2
	HON	58	2.5	0	0	0	41.4	34	22	2	-----	0	0	0
	NIC	12	0.7	0	0	0	33.3	8	4	0	-----	0	0	0
	PAN	7	0.8	1	2	0	0.0	4	0	0	-----	0	0	0
INH	VEN	98	1.3	2	11	0	27.1	62	17	1	CDC	5	0	0
INS	COL	146	1.2	1	12	0	26.3	98	23	3	CDC	3	6	0
	ECU	44	1.0	1	5	1	29.7	26	11	0	-----	0	0	0
LSP	MEX	256	0.9	11	23	0	28.4	159	54	2	CDC	1	0	6
MAL	ARG	86	0.9	0	7	6	17.8	60	8	2	MAL	3	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	29	1.7	11	4	0	0.0	14	0	0	-----	0	0	0
	URU	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0
TOTAL		1907	1.3	137	151	22	24.3	1180	287	24		91	7	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/21 - 91/20

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	0	1	2	0	0	0	0	0	0	0	0	0	3
	ELS	0	0	1	0	1	0	1	0	0	0	1	0	4
	HON	1	0	0	0	1	0	0	0	0	0	0	0	2
	MEX	0	0	0	0	0	1	0	1	0	0	0	0	2
	VEN	0	1	0	0	0	0	0	0	0	0	0	0	1
FIO	BOL	0	1	0	0	0	0	0	0	1	0	0	0	2
	BRA	2	0	0	4	0	0	0	1	1	0	0	0	8
MAL	ARG	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		4	3	4	4	2	1	1	2	2	0	1	0	24

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	0	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	1	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	17	4	2

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlántico	P1	09/17/90	38
	Magdalena	P1	11/14/90	46
	Magdalena	P1	12/22/90	51
Ecuador	Bolívar	P1	01/03/91	01
	Bolívar	P1	02/17/91	08
	Guayas*	P1	03/26/90	13
	Totonicapán**	P3	04/19/90	16
Guatemala	Chimaltenango	P3	09/12/90	37
	San Juan Sac. #	P3	09/23/90	39
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/13/90	37
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
Peru	Jalisco	P3	10/18/90	42
	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken
on April 4, 1990 from a case contact.** Virus isolated from sample taken
on July 6, 1990 from a case contact.# Virus isolated from sample taken
on October 2, 1990 from a case contact.## Virus isolated from sample taken
in October 15, 1990 from a case contact.Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	23	6	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	1	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	1
GUT	0	0	1
HAI	0	0	0
HON	0	0	0
MEX	7	2	1
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	69	17	3

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS							
			1- 4	5- 8	9-12	13-16	17	18	19	20
ARG	24	26	9	5	3	6	2	1	0	0
BOL	0	10	0	0	6	4	0	0	0	0
BRA	1	221	15	37	51	77	21	10	8	2
CAN	0	0	0	0	0	0	0	0	0	0
CAR	7	1	1	0	0	0	0	0	0	0
CHI	0	13	1	0	1	4	2	0	4	1
COL	3	31	0	2	13	14	0	1	1	NR
COR	0	2	0	0	0	2	0	0	0	NR
CUB	9	2	0	0	1	1	0	0	NR	NR
DOR	2	3	0	1	0	2	0	0	0	0
ECU	16	13	2	1	3	6	1	0	0	0
ELS	3	25	0	2	11	7	3	1	0	1
GUT	0	17	0	1	4	5	2	2	2	1
HAI	10	6	0	0	1	1	0	0	2	2
HON	0	10	0	2	8	0	0	0	0	NR
MEX	0	82	5	12	23	23	11	4	3	1
NIC	2	9	0	1	0	1	0	5	2	NR
PAN	3	3	0	1	1	0	1	0	0	0
PAR	0	16	0	5	4	5	1	1	0	0
PER	0	10	0	0	2	5	0	1	2	0
URU	0	1	0	0	1	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0
VEN	12	24	3	5	8	8	0	0	0	0
TOTAL	92	525	36	75	141	171	44	26	24	8

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.19

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 11 May 1991

Last case with wild poliovirus had onset on 17 February 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/20 - 91/19

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS		ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			Pending	Lab.	Vaccine	Wild		
													P1	P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0
	HAI	11	0.4	0	0	1	40.0	6	4	0	-----	0	0	0
	TRT	3	0.0	0	0	0	0.0	3	0	0	-----	0	0	0
FIO	BOL	47	1.5	4	10	0	45.5	18	5	3	FIO	7	0	0
	BRA	821	1.5	92	46	10	20.7	534	73	8	FIO	58	0	0
	PER	85	1.0	1	19	7	15.5	49	2	1	FIO	5	1	0
INC	COR	11	1.0	0	2	0	33.3	6	3	0	-----	0	0	0
	ELS	83	3.5	5	5	0	52.1	35	28	6	CDC	4	0	0
	GUT	104	2.5	1	3	0	33.0	67	29	0	CDC	2	0	2
	HON	59	2.6	0	0	0	40.7	35	22	2	-----	0	0	0
	NIC	12	0.7	0	1	0	27.3	8	3	0	-----	0	0	0
	PAN	6	0.7	2	0	0	0.0	4	0	0	-----	0	0	0
INH	VEN	100	1.3	2	11	0	26.4	64	17	1	CDC	5	0	0
INS	COL	152	1.3	3	13	0	25.7	101	23	3	CDC	3	6	0
	ECU	45	1.0	2	5	0	26.3	28	10	0	-----	0	0	0
LSP	MEX	257	0.9	10	22	0	28.9	160	55	2	CDC	2	0	6
MAL	ARG	85	0.8	0	6	6	17.8	60	8	2	MAL	3	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	30	1.8	12	3	0	6.7	14	1	0	-----	0	0	0
	URU	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0
TOTAL		1923	1.3	134	146	24	24.0	1201	285	28		90	7	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/20 - 91/19

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	0	1	2	0	0	0	0	0	0	0	0	0	3
	ELS	1	0	0	0	1	0	2	0	1	0	1	0	6
	HON	1	0	0	0	1	0	0	0	0	0	0	0	2
	MEX	0	0	0	0	0	1	0	1	0	0	0	0	2
FIO	VEN	0	1	0	0	0	0	0	0	0	0	0	0	1
	BOL	0	0	0	1	0	0	0	0	2	0	0	0	3
	BRA	3	0	0	5	0	0	0	0	0	0	0	0	8
MAL	PER	0	0	0	0	0	0	0	0	0	0	0	1	1
	ARG	1	0	0	0	0	0	1	0	0	0	0	0	2
TOTAL		6	2	2	6	2	1	3	1	3	0	1	1	28

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	4	0	2
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	7	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	1	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	17	4	2

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlantico	P1	09/17/90	38
	Magdalena	P1	11/14/90	46
	Magdalena	P1	12/22/90	51
	Bolivar	P1	01/03/91	01
Ecuador	Bolivar	P1	02/17/91	08
	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
Mexico	San Juan Saca.#	P3	09/23/90	39
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
	Colima	P3	09/03/90	36
	Colima	P3	09/13/90	37
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
Peru	Jalisco	P3	10/18/90	42
	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken on April 4, 1990 from a case contact.

** Virus isolated from sample taken on July 6, 1990 from a case contact.

Virus isolated from sample taken on October 2, 1990 from a case contact.

Virus isolated from sample taken in October 15, 1990 from a case contact.

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	23	6	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	1	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	2	0
ELS	2	0	1
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	7	2	1
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	69	17	2

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM	WEEKS									
		1991	1- 4	5- 8	9-12	13	14	15	16	17	18	19
ARG	24	25	9	5	3	2	1	2	1	2	0	NR
BOL	0	10	0	0	6	0	3	1	0	0	0	0
BRA	1	215	19	44	52	16	14	21	25	19	2	3
CAN	0	0	0	0	0	0	0	0	0	0	0	0
CAR	7	1	1	0	0	0	0	0	0	0	0	0
CHI	0	11	1	0	1	1	4	2	0	1	0	1
COL	3	31	0	2	13	1	5	4	4	0	1	1
COR	0	2	0	0	0	0	0	2	0	0	0	NR
CUB	9	2	0	0	1	0	1	0	0	0	NR	NR
DOR	2	3	0	1	0	1	1	0	0	0	0	0
ECU	16	14	2	1	4	1	0	3	2	1	0	NR
ELS	3	25	0	2	11	0	2	4	2	3	1	0
GUT	0	16	0	1	4	0	2	2	1	2	2	2
HAI	10	4	0	0	0	0	0	1	0	1	0	2
HON	0	10	0	2	8	0	0	0	0	0	0	0
MEX	0	80	5	12	24	3	7	6	6	11	4	2
NIC	2	5	0	1	0	0	0	1	0	0	1	2
PAN	3	3	0	1	1	0	0	0	0	1	0	0
PAR	1	18	2	5	4	1	1	0	3	1	1	0
PER	0	12	0	0	6	0	2	1	2	0	1	0
URU	0	1	0	0	1	0	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0	0	0
VEN	12	24	3	5	8	4	3	1	0	0	0	0
TOTAL	93	512	42	82	147	30	46	51	46	42	13	13

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.18

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 4 May 1991

Last case with wild poliovirus had onset on 31 January 1991, in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/19 - 91/18

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	OTHER ENTERO- VIRUS	ENTEROVIRUS ISOLATION CHARACTERIZATION				
				Not yet in Lab	<10 wks	>10 wks				Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0
	HAI	7	0.3	0	0	1	16.7	5	1	0	-----	0	0	0
	TRT	2	0.0	0	0	1	0.0	1	0	0	-----	0	0	0
FIO	BOL	48	1.5	14	0	4	33.3	20	4	0	FIO	6	0	0
	BRA	777	1.4	101	26	26	19.6	502	67	6	FIO	49	0	0
	PER	85	1.0	5	14	8	15.5	49	2	1	FIO	5	1	0
INC	COR	11	1.0	0	2	0	33.3	6	3	0	-----	0	0	0
	ELS	83	3.5	3	7	0	50.7	36	27	7	CDC	3	0	0
	GUT	104	2.5	2	4	0	34.7	64	30	0	CDC	2	0	2
	HON	58	2.5	0	1	0	36.8	36	18	3	-----	0	0	0
	NIC	14	0.8	0	1	0	23.1	10	3	0	-----	0	0	0
	PAN	6	0.7	2	0	0	0.0	4	0	0	-----	0	0	0
INH	VEN	101	1.3	2	11	0	27.3	64	17	1	CDC	6	0	0
INS	COL	151	1.3	0	20	2	24.8	97	20	6	CDC	2	4	0
	ECU	46	1.0	2	5	0	25.6	29	10	0	-----	0	0	0
LSP	MEX	244	0.9	12	18	19	29.7	137	50	1	CDC	2	0	5
MAL	ARG	87	0.9	0	6	8	15.1	62	8	0	MAL	3	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	30	1.8	10	5	1	7.1	13	1	0	-----	0	0	0
	URU	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0
TOTAL		1866	1.3	153	120	70	23.3	1144	263	25		79	5	7

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/19 - 91/18

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	1	1	0	1	0	0	1	1	0	0	0	6
	ELS	2	1	2	0	0	0	0	0	1	0	1	0	7
	HON	3	0	0	0	0	0	0	0	0	0	0	0	3
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	1	0	0	0	0	0	0	0	0	0	0	1
FIO	BRA	1	1	0	4	0	0	0	0	0	0	0	0	6
	PER	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL		7	5	3	4	1	0	0	1	2	0	1	1	25

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	3	0	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	6	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	1	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	15	4	1

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlantico	P1	09/17/90	38
	Magdalena	P1	11/14/90	46
Ecuador	Bolivar	P1	01/03/91	01
	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Sacra.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
	Sinaloa	P3	02/19/90	08
Peru	Sinaloa	P3	06/08/90	23
	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken on April 4, 1990 from a case contact.

** Virus isolated from sample taken on July 6, 1990 from a case contact.

Virus isolated from sample taken on October 2, 1990 from a case contact.

Virus isolated from sample taken in October 15, 1990 from a case contact.

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	25	6	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	1	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	1	0
ELS	2	0	1
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	1
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	72	15	2

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS								
			1- 4	5- 8	9-12	13	14	15	16	17	18
ARG	24	25	9	5	3	2	1	2	1	2	0
BOL	0	10	0	0	6	0	3	1	0	0	0
BRA	11	193	26	51	55	16	14	14	14	3	0
CAN	0	0	0	0	0	0	0	0	0	0	0
CHI	0	25	4	3	4	4	4	5	0	1	0
COL	7	30	2	2	13	1	6	2	3	1	0
COR	0	2	0	0	0	0	0	2	0	0	NR
CUB	9	2	0	0	1	0	1	0	0	0	NR
DOR	2	4	0	1	1	1	1	0	0	0	0
ECU	16	14	2	1	4	1	0	3	2	1	0
ELS	3	25	0	2	12	0	2	4	2	3	NR
GUT	0	15	0	1	5	0	2	2	1	2	2
HAI	6	2	0	0	0	0	0	1	0	1	0
HON	0	9	0	1	8	0	0	0	0	0	0
MEX	22	73	5	13	33	2	6	7	4	3	0
NIC	2	3	0	1	0	0	0	1	0	0	1
PAN	3	3	0	1	1	0	0	0	0	1	NR
PAR	1	19	3	5	4	1	1	0	3	1	1
PER	0	14	0	0	6	0	2	1	3	1	1
URU	0	1	0	0	1	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0	0
VEN	12	24	3	5	8	4	3	1	0	0	0
TOTAL	125	493	54	92	165	32	46	46	33	20	5

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.17

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Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 27 April 1991

Last case with wild poliovirus had onset on 3 January 1991 in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/18 - 91/17

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS		ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0
	HAI	8	0.3	0	0	1	28.6	5	2	0	-----	0	0	0
	TRI	2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0
FIO	BOL	49	1.5	15	0	3	35.5	20	5	1	FIO	5	0	0
	BRA	794	1.5	101	28	24	19.7	515	70	6	FIO	50	0	0
	PER	86	1.0	4	20	2	15.0	51	2	0	FIO	6	1	0
INC	COR	11	1.0	0	2	0	33.3	6	3	0	-----	0	0	0
	ELS	81	3.4	7	7	0	47.8	35	26	3	CDC	3	0	0
	GUT	102	2.4	0	7	0	35.8	61	30	0	CDC	2	0	2
	HON	60	2.6	0	10	0	38.0	31	18	0	CDC	1	0	0
	NIC	13	0.7	0	0	0	23.1	10	3	0	-----	0	0	0
	PAN	7	0.8	2	0	0	20.0	4	1	0	-----	0	0	0
INH	VEN	104	1.4	4	10	0	27.8	65	18	2	CDC	5	0	0
INS	COL	155	1.3	1	22	1	23.7	100	20	5	CDC	2	4	0
	ECU	51	1.2	4	5	0	26.2	31	11	0	-----	0	0	0
LSP	MEX	242	0.8	5	21	19	28.4	141	48	1	CDC	2	0	5
MAL	ARG	87	0.9	0	7	6	16.2	62	9	0	MAL	3	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	31	1.8	12	2	1	18.8	13	2	0	MAL	1	0	0
	URU	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0
TOTAL		1895	1.3	155	141	58	23.1	1160	270	18		81	5	7

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/18 - 91/17

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	1	0	1	0	0	0	0	2	0	0	0	5
	ELS	1	0	0	0	0	0	0	0	1	0	1	0	3
	MEX	0	1	0	0	0	0	0	0	0	0	0	0	1
	VEN	0	1	0	1	0	0	0	0	0	0	0	0	2
FIO	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	1	1	0	4	0	0	0	0	0	0	0	0	6
TOTAL		4	4	0	6	0	0	0	0	3	0	1	0	18

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	3	0	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	6	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	1	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	15	4	1

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlántico	P1	09/17/90	38
	Magdalena	P1	11/14/91	01
Ecuador	Bolívar	P1	01/03/91	01
	Guayas*	P1	03/26/90	13
Guatemala	Totonicapán**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
Mexico	San Juan Saca.#	P3	09/23/90	39
	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
Peru	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken
on April 4, 1990 from a case contact.** Virus isolated from sample taken
on July 6, 1990 from a case contact.# Virus isolated from sample taken
on October 2, 1990 from a case contact.## Virus isolated from sample taken
in October 15, 1990 from a case contact.Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	25	6	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	1	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	1	0
ELS	2	0	1
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	1
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	72	15	2

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS								
			1- 4	5- 8	9-12	13	14	15	16	17	
ARG	25	23	9	5	3	2	1	2	1	NR	
BOL	0	10	0	0	6	0	3	1	0	0	
BRA	11	193	26	51	55	16	14	14	14	3	
CAN	0	0	0	0	0	0	0	0	0	0	
CAR	7	0	0	0	0	0	0	0	0	0	
CHI	0	23	4	3	7	4	0	5	0	0	
COL	9	36	4	5	14	1	6	2	3	1	
COR	0	2	0	0	0	0	0	2	0	NR	
CUB	9	2	0	0	1	0	1	0	NR	NR	
DOR	2	4	0	1	1	1	1	0	0	0	
ECU	16	15	2	1	5	1	0	3	2	1	
ELS	3	25	0	2	12	0	2	4	2	3	
GUT	0	13	0	1	5	0	2	2	1	2	
HAI	6	2	0	0	0	0	0	1	0	1	
HON	0	9	0	1	8	0	0	0	0	0	
MEX	22	70	6	14	35	2	4	4	3	2	
NIC	2	2	0	1	0	0	0	1	0	0	
PAN	3	3	0	1	1	0	0	0	0	1	
PAR	3	18	3	5	4	1	1	0	3	1	
PER	0	14	0	0	6	0	3	1	3	1	
URU	0	1	0	0	1	0	0	0	0	NR	
USA	0	0	0	0	0	0	0	0	0	0	
VEN	12	24	3	5	8	4	3	1	0	0	
TOTAL	130	489	57	96	172	32	41	43	32	16	

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 20 April 1991

Last case with wild poliovirus had onset on 3 January 1991 in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/17 - 91/16

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS ISOLATION			CHARACTERIZATION		
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0
	HAI	8	0.3	0	0	1	28.6	5	2	0	-----	0	0	0
	TRI	2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0
FIO	BOL	46	1.4	8	5	3	33.3	20	5	2	FIO	3	0	0
	BRA	763	1.4	62	32	19	19.8	521	72	6	FIO	51	0	0
	PER	87	1.0	4	20	3	15.0	51	2	1	FIO	4	2	0
INC	COR	11	1.0	2	0	0	33.3	6	3	0	-----	0	0	0
	ELS	54	2.3	0	0	0	46.3	29	22	0	CDC	3	0	0
	GUT	100	2.4	0	4	0	36.5	61	31	0	CDC	2	0	2
	HON	61	2.7	1	9	0	41.2	30	18	3	-----	0	0	0
	NIC	13	0.7	0	0	0	23.1	10	3	0	-----	0	0	0
	PAN	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0
INH	VEN	103	1.3	8	7	0	28.4	63	18	2	CDC	5	0	0
INS	COL	139	1.2	0	3	8	25.0	96	21	3	CDC	3	4	0
	ECU	50	1.1	4	2	0	22.7	34	10	0	MAL -----	1 0	0 0	0 0
LSP	MEX	243	0.9	10	19	19	28.2	140	48	0	CDC LSP	1 1	0 0	5 0
MAL	ARG	85	0.8	0	4	6	16.0	63	9	0	MAL	3	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	30	1.8	8	5	1	18.8	13	2	0	MAL	1	0	0
	URU	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0
TOTAL		1812	1.2	107	110	61	23.0	1156	269	17		79	6	7

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/17 - 91/16

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	0	0	0	0	1	0	0	1	1	0	0	0	3
	HON	2	0	0	1	0	0	0	0	0	0	0	0	3
FIO	VEN	0	1	0	0	0	0	0	1	0	0	0	0	2
	BOL	1	0	0	1	0	0	0	0	0	0	0	0	2
	BRA	1	1	0	4	0	0	0	0	0	0	0	0	6
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		4	2	0	7	1	0	0	2	1	0	0	0	17

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	1	0
HAI	0	0	0
HON	0	0	0
MEX	6	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	14	3	1

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlántico	P1	09/17/90	38
Ecuador	Bolívar	P1	01/03/91	01
	Guayas*	P1	03/26/90	13
Guatemala	Totonicapán**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
Mexico	San Juan Saca.#	P3	09/23/90	39
	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
	Sinaloa	P3	02/19/90	08
Peru	Sinaloa	P3	06/08/90	23
	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken on April 4, 1990 from a case contact.

** Virus isolated from sample taken on July 6, 1990 from a case contact.

Virus isolated from sample taken on October 2, 1990 from a case contact.

Virus isolated from sample taken in October 15, 1990 from a case contact.

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	22	5	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	1	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	1	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	67	14	0

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS						
			1- 4	5- 8	9-12	13	14	15	16
ARG	25	23	9	5	3	2	1	2	1
BOL	0	7	0	0	3	0	3	1	0
BRA	22	189	28	59	57	15	13	9	8
CAN	0	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0	0
CHI	0	23	4	3	7	4	0	5	0
COL	11	27	7	5	10	NR	5	NR	NR
COR	0	2	0	0	0	0	0	2	0
CUB	9	2	0	0	1	0	1	0	NR
DOR	2	4	0	1	1	1	1	0	NR
ECU	16	13	3	1	5	1	0	2	1
ELS	7	20	1	4	14	0	1	0	0
GUT	0	13	0	2	7	0	2	2	0
HAI	6	0	0	0	0	0	0	NR	NR
HON	0	10	0	1	9	0	0	0	0
MEX	22	71	6	15	35	2	4	6	3
NIC	2	2	0	1	0	0	0	1	0
PAN	3	3	0	1	1	0	0	0	1
PAR	3	17	3	5	4	1	1	0	3
PER	0	15	0	0	6	0	4	2	3
URU	0	1	0	0	1	0	0	0	NR
USA	0	0	0	0	0	0	0	0	0
VEN	12	23	4	5	8	3	3	0	0
TOTAL	147	465	65	108	172	29	39	32	20

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



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Pan American Sanitary Bureau, Regional Office of the
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Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 13 April 1991

Last case with wild poliovirus had onset on 3 January 1991 in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/16 - 91/15

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS			ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending		Lab.	Vaccine	P1	Wild P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0	0
	HAI	7	0.3	0	0	3	50.0	2	2	0	-----	0	0	0	0
	TRI	2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0	0
FIO	BOL	45	1.4	11	0	5	34.5	19	5	1	FIO	4	0	0	0
	BRA	759	1.4	55	31	21	19.9	522	71	6	FIO	53	0	0	0
	PER	84	0.9	15	7	3	15.3	50	2	1	FIO	4	2	0	0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0	0
	ELS	65	2.7	0	8	0	45.6	31	23	0	CDC	3	0	0	0
	GUT	103	2.5	1	4	0	36.7	62	31	0	CDC	2	0	0	3
	HON	61	2.7	0	10	0	41.2	30	18	3	-----	0	0	0	0
	NIC	14	0.8	0	0	0	21.4	11	3	0	-----	0	0	0	0
	PAN	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0	0
INH	VEN	101	1.3	10	3	0	28.4	63	18	2	CDC	5	0	0	0
INS	COL	143	1.2	0	5	8	23.1	100	19	3	CDC	3	4	0	0
	ECU	49	1.1	0	7	0	23.8	32	10	0	MAL -----	1 0	0 0	0 0	0
LSP	MEX	239	0.8	8	25	24	29.1	129	46	0	CDC LSP	1 1	0 0	0 0	5 0
MAL	ARG	85	0.8	0	6	7	12.5	63	6	0	MAL	3	0	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0	0
	PAR	29	1.7	8	3	1	17.6	14	2	0	MAL	1	0	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0	0
TOTAL		1814	1.2	108	109	73	22.9	1149	262	16		83	6	8	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/16 - 91/15

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	0	1	0	0	0	0	1	0	0	0	3
	HON	2	0	0	1	0	0	0	0	0	0	0	0	3
FIO	VEN	0	1	0	1	0	0	0	0	0	0	0	0	2
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	1	1	0	4	0	0	0	0	0	0	0	0	6
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		5	2	0	8	0	0	0	0	1	0	0	0	16

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	6	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	14	2	1

**Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991**

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlantico	P1	09/17/90	38
	Bolivar	P1	01/03/91	01
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Saca.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

- * Virus isolated from sample taken on April 4, 1990 from a case contact.
- ** Virus isolated from sample taken on July 6, 1990 from a case contact.
- # Virus isolated from sample taken on October 2, 1990 from a case contact.
- ## Virus isolated from sample taken in October 15, 1990 from a case contact.

**Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	22	5	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	1	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	1	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	8	2	0
TOTAL	67	14	0

**Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUM 1991	WEEKS								
			1- 4	5- 8	9	10	11	12	13	14	15
ARG	26	22	10	4	0	0	3	0	2	1	2
BOL	0	14	3	3	0	1	0	3	0	3	1
BRA	25	175	32	59	14	17	16	9	14	10	4
CAN	0	0	0	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0	0	0	0
CHI	0	18	4	5	0	1	0	2	5	0	1
COL	11	27	7	5	3	4	3	0	NR	5	NR
COR	0	0	0	0	0	0	0	0	0	0	NR
CUB	9	2	0	0	1	0	0	0	0	1	NR
DOR	2	4	0	1	0	1	0	0	1	1	0
ECU	17	10	3	1	1	3	1	0	1	NR	NR
ELS	7	20	1	4	4	3	2	5	0	1	0
GUT	0	15	0	3	1	0	2	5	0	2	2
HAI	6	0	0	0	0	NR	NR	0	0	0	NR
HON	0	10	0	1	4	3	2	0	0	0	0
MEX	22	64	8	14	9	8	11	3	2	3	6
NIC	2	3	0	2	0	0	0	0	0	NR	1
PAN	3	2	0	1	0	0	0	1	0	0	0
PAR	3	16	3	5	4	0	0	1	2	1	0
PER	0	15	0	1	3	0	2	3	0	4	2
URU	0	1	0	0	0	1	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0	0
VEN	13	23	5	4	3	1	2	2	3	3	0
TOTAL	153	441	76	113	47	43	44	34	30	35	19

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.14

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 6 April 1991

Last case with wild poliovirus had onset on 3 January 1991 in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/15 - 91/14

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS ISOLATION			CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending	Lab.	Vaccine	P1	Wild	P3
CAR	DOR HAI TRI	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0	0
		7	0.3	0	0	3	50.0	2	2	0	-----	0	0	0	0
		2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0	0
FIO	BOL BRA PER	39	1.2	6	0	5	35.7	18	5	0	FIO	5	0	0	0
		708	1.3	29	11	18	20.3	518	72	5	FIO	55	0	0	0
		79	0.9	10	7	3	15.3	50	2	1	FIO	4	2	0	0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0	0
	ELS	61	2.5	0	0	0	45.9	33	25	0	CDC	3	0	0	0
	GUT	102	2.4	0	4	0	36.7	62	31	0	CDC	2	0	0	3
	HON	60	2.6	7	1	0	38.5	32	19	1	-----	0	0	0	0
	NIC	14	0.8	0	0	0	21.4	11	3	0	-----	0	0	0	0
	PAN	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0	0
INH	VEN	105	1.4	16	0	0	30.3	62	19	2	CDC	6	0	0	0
INS	COL	144	1.2	0	10	5	24.0	98	20	4	CDC	3	3	0	0
	ECU	49	1.1	0	8	0	24.4	31	10	0	MAL -----	1 0	0 0	0 0	0
LSP	MEX	237	0.8	8	45	26	31.0	109	41	0	CDC LSP	2 1	0 0	0 0	5 0
MAL	ARG	85	0.8	0	6	6	12.3	64	6	0	MAL	3	0	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0	0
	PAR	29	1.7	5	6	2	18.8	13	2	0	MAL	1	0	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0	0
TOTAL		1749	1.2	81	98	69	23.5	1124	263	13		88	5	8	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/15 - 91/14

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	1	1	0	0	0	0	0	0	0	4
	HON	0	0	0	0	1	0	0	0	0	0	0	0	1
FIO	VEN	0	1	0	1	0	0	0	0	0	0	0	0	2
	BRA	1	1	0	3	0	0	0	0	0	0	0	0	5
	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		3	2	0	6	2	0	0	0	0	0	0	0	13

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	6	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	14	3	1

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlántico	P1	09/17/90	38
	Bolívar	P1	01/03/91	01
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapán**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
Mexico	San Juan Saca.#	P3	09/23/90	39
	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
	Sinaloa	P3	02/19/90	08
Peru	Sinaloa	P3	06/08/90	23
	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken
on April 4, 1990 from a case contact.** Virus isolated from sample taken
on July 6, 1990 from a case contact.# Virus isolated from sample taken
on October 2, 1990 from a case contact.## Virus isolated from sample taken
in October 15, 1990 from a case contact.Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	22	5	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	1	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	1	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	3	0
URU	0	0	0
USA	0	0	0
VEN	7	1	0
TOTAL	66	13	0

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS							
			1- 4	5- 8	9	10	11	12	13	14
ARG	26	19	10	4	0	0	3	0	2	NR
BOL	0	7	3	3	0	1	0	0	0	0
BRA	26	69	29	17	8	5	4	3	1	2
CAN	0	0	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0	0	0
CHI	0	26	4	10	2	3	1	2	4	0
COL	11	27	7	5	3	4	3	0	0	5
COR	0	0	0	0	0	0	0	0	0	0
CUB	9	1	0	0	1	0	0	NR	NR	NR
DOR	2	4	0	1	NR	1	0	0	1	1
ECU	17	10	3	1	1	3	1	0	1	0
ELS	7	20	1	4	4	3	2	5	0	1
GUT	0	14	1	3	1	0	2	5	0	2
HAI	6	0	0	0	NR	NR	NR	0	0	0
HON	0	13	3	4	4	2	0	0	0	0
MEX	22	51	11	16	9	5	7	0	2	1
NIC	2	2	0	2	0	0	0	0	0	NR
PAN	3	2	0	1	0	0	0	1	0	0
PAR	3	17	4	5	4	0	0	1	2	1
PER	0	14	0	2	3	1	2	3	0	3
URU	0	1	0	0	0	1	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0
VEN	15	23	5	4	3	1	2	2	3	3
TOTAL	156	320	81	82	43	30	27	22	16	19

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Vol. 6, No.13

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 30 March 1991

Last case with wild poliovirus had onset on 3 January 1991 in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/14 - 91/13

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS		ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending	Lab.	Vaccine	P1	Wild P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0
	HAI	7	0.3	0	0	3	50.0	2	2	0	-----	0	0	0
	TRI	2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0
FIO	BOL	42	1.3	6	2	3	32.3	21	5	0	FIO	5	0	0
	BRA	685	1.3	14	14	34	19.6	501	71	11	FIO	40	0	0
	CUB	1	0.0	0	0	0	100.0	0	0	0	FIO	1	0	0
	PER	80	0.9	9	9	1	16.4	51	3	1	FIO	4	2	0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0
	ELS	90	3.8	16	1	0	52.1	35	28	3	CDC	7	0	0
	GUT	99	2.4	0	4	0	35.8	61	29	0	CDC	2	0	3
	HON	62	2.7	7	6	0	32.7	33	16	0	-----	0	0	0
	NIC	14	0.8	0	1	0	7.7	12	1	0	-----	0	0	0
	PAN	5	0.6	0	0	0	20.0	4	1	0	-----	0	0	0
INH	VEN	102	1.3	13	0	0	30.3	62	19	2	CDC	6	0	0
INS	COL	147	1.2	3	7	3	24.6	101	21	4	CDC	4	3	0
	ECU	50	1.1	1	6	0	25.6	32	11	0	MAL -----	1 0	0 0	0 0
LSP	MEX	232	0.8	15	40	22	30.3	108	39	0	CDC LSP	2 1	0 0	5 0
MAL	ARG	87	0.9	0	6	5	14.5	65	6	0	MAL	5	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	28	1.6	5	5	2	18.8	13	2	0	MAL	1	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0
TOTAL		1758	1.1	89	101	74	23.7	1118	260	21		82	5	8

STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/14 - 91/13

LAB	COUNTRY	NOT YET IN LAB				POLIOVIRUS IN LAB < 4 Wks				IN LAB > 4 Wks				TOTAL
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	1	1	0	0	0	0	0	0	0	4
	ELS	0	0	1	0	0	0	0	0	2	0	0	0	3
	VEN	0	1	0	1	0	0	0	0	0	0	0	0	2
	BRA	1	2	3	5	0	0	0	0	0	0	0	0	11
FIO	PER	0	0	0	1	0	0	0	0	0	0	0	0	1
TOTAL		3	3	4	8	1	0	0	0	2	0	0	0	21

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	1	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	6	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	14	2	1

**Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991**

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlántico	P1	09/17/90	38
Ecuador	Bolívar	P1	01/03/91	01
	Guayas*	P1	03/26/90	13
Guatemala	Totonicapán**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
Mexico	San Juan Saca.#	P3	09/23/90	39
	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
Peru	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken on April 4, 1990 from a case contact.

** Virus isolated from sample taken on July 6, 1990 from a case contact.

Virus isolated from sample taken on October 2, 1990 from a case contact.

Virus isolated from sample taken in October 15, 1990 from a case contact.

**Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	17	5	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	1	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	2	0
URU	0	0	0
USA	0	0	0
VEN	7	1	0
TOTAL	61	11	0

**Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUM 1991	WEEKS						
			1- 4	5- 8	9	10	11	12	13
ARG	26	19	10	4	0	0	3	0	2
BOL	0	7	3	3	0	1	0	0	NR
BRA	94	17	17	0	0	0	0	0	0
CAN	0	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0	0
CHI	0	24	5	10	2	3	0	2	2
COL	11	22	7	5	3	4	3	0	NR
COR	0	0	0	0	0	0	NR	NR	NR
CUB	9	1	0	0	1	0	0	NR	NR
DOR	2	3	0	1	NR	1	0	0	1
ECU	17	10	3	1	1	3	1	0	1
ELS	7	23	1	6	5	4	2	5	0
GUT	0	15	3	4	1	0	2	5	0
HAI	6	0	0	0	NR	NR	NR	0	0
HON	0	13	3	4	4	2	0	0	0
MEX	22	55	12	17	10	5	8	2	1
NIC	7	2	0	2	0	NR	NR	NR	0
PAN	3	2	0	1	0	0	0	1	0
PAR	3	16	5	5	4	0	0	1	1
PER	0	11	0	2	3	1	2	3	0
URU	0	1	0	0	0	1	0	0	0
USA	0	0	0	0	0	0	0	0	0
VEN	15	19	5	4	3	1	1	2	3
TOTAL	229	260	74	69	37	26	22	21	11

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.12

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 23 March 1991

Last case with wild poliovirus had onset on 3 January 1991 in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/13 - 91/12

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending	Lab.	Vaccine	Wild	
													P1	P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0
	HAI	8	0.3	0	0	3	60.0	2	3	0	-----	0	0	0
	TRI	2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0
FIO	BOL	44	1.4	6	2	3	30.3	23	5	0	FIO	5	0	0
	BRA	702	1.3	14	14	35	19.9	512	73	15	FIO	39	0	0
	CUB	2	0.1	0	0	0	100.0	0	0	0	FIO	2	0	0
	PER	80	0.9	7	9	5	15.3	50	4	2	FIO CDC	1 0	1 1	0 0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0
	ELS	82	3.4	8	1	0	53.4	34	29	2	CDC	8	0	0
	GUT	104	2.5	0	6	0	36.7	62	31	0	CDC	2	0	3
	HON	62	2.7	7	6	0	32.7	33	16	0	-----	0	0	0
	NIC	14	0.8	0	1	0	7.7	12	1	0	-----	0	0	0
	PAN	7	0.8	0	0	0	14.3	6	1	0	-----	0	0	0
INH	VEN	98	1.3	8	5	0	31.8	58	20	1	CDC MAL	5 1	0 0	0 0
INS	COL	151	1.3	3	10	2	26.5	100	23	4	CDC MAL	5 1	3 0	0 0
	ECU	53	1.2	1	6	0	26.1	34	11	0	CDC	0	1	0
LSP	MEX	236	0.8	16	45	17	29.7	111	39	0	CDC	3	0	5
MAL	ARG	83	0.8	0	5	2	14.5	65	6	0	MAL	5	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	28	1.6	3	8	0	23.5	13	3	0	MAL	1	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0
TOTAL		1781	1.2	73	118	68	24.1	1132	271	24		81	6	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/13 - 91/12

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	1	1	0	0	0	0	0	0	0	4
	ELS	0	0	0	0	0	0	1	0	1	0	0	0	2
FIO	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
	BRA	3	3	4	5	0	0	0	0	0	0	0	0	15
	PER	0	0	0	0	0	0	0	0	0	1	0	1	2
TOTAL		5	3	4	7	1	0	1	0	1	1	0	1	24

**Expanded Program on Immunization
Polio Surveillance in the Americas**

**Weekly Bulletin for the
week ending 23 March 1991**

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	6	1	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	14	1	1

**Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991**

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlántico	P1	09/17/90	38
	Bolívar	P1	01/03/91	01
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapán**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Sac. #	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

- * Virus isolated from sample taken on April 4, 1990 from a case contact.
 ** Virus isolated from sample taken on July 6, 1990 from a case contact.
 # Virus isolated from sample taken on October 2, 1990 from a case contact.
 ## Virus isolated from sample taken in October 15, 1990 from a case contact.

**Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	16	5	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	1	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	2	1	0
PER	17	2	0
URU	0	0	0
USA	0	0	0
VEN	7	1	0
TOTAL	60	11	0

**Table No. 5
CASES OF ACUTE-FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUM. 1991	WEEKS					
			1- 4	5- 8	9	10	11	12
ARG	26	17	10	4	0	0	3	0
BOL	0	7	3	3	0	1	0	NR
BRA	105	17	17	0	0	0	0	0
CAN	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0
CHI	0	22	5	9	2	3	1	2
COL	11	22	7	5	3	4	3	0
COR	0	0	0	0	0	0	NR	NR
CUB	9	1	0	0	1	0	0	NR
DOR	2	2	0	1	NR	1	0	0
ECU	17	9	3	1	1	3	1	0
ELS	7	16	1	5	5	2	1	2
GUT	0	15	3	4	1	0	2	5
HAI	6	0	0	0	NR	NR	NR	NR
HON	0	13	3	4	4	2	0	0
MEX	22	59	17	17	10	5	8	2
NIC	7	2	0	2	0	NR	NR	NR
PAN	2	0	0	0	0	0	0	0
PAR	3	15	5	5	4	0	0	1
PER	0	11	2	3	3	1	2	NR
URU	0	1	0	0	0	1	0	NR
USA	0	0	0	0	0	0	0	0
VEN	15	14	5	4	2	1	0	2
TOTAL	239	243	81	67	36	24	21	14

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
 NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.11

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 16 March 1991

Last case with wild poliovirus had onset on 3 January 1991 in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/12 - 91/11

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	OTHER ENTERO- VIRUS	ENTEROVIRUS ISOLATION Pending	CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks					Lab.	Vaccine	Wild P1	P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0
	HAI	8	0.3	0	0	3	60.0	2	3	0	-----	0	0	0
	TRI	2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0
FIO	BOL	48	1.5	6	3	3	30.6	25	5	0	FIO	6	0	0
	BRA	712	1.3	14	19	30	19.9	520	74	15	FIO	40	0	0
	CUB	2	0.1	0	0	0	100.0	0	0	0	FIO	2	0	0
	PER	80	0.9	7	11	3	15.3	50	4	2	FIO CDC	1 0	1 1	0 0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0
	ELS	83	3.5	8	1	0	51.4	36	29	2	CDC	7	0	0
	GUT	98	2.3	0	2	0	35.4	62	29	0	CDC	2	0	3
	HON	64	2.8	7	6	0	31.4	35	16	0	-----	0	0	0
	NIC	15	0.8	0	1	0	7.1	13	1	0	-----	0	0	0
	PAN	7	0.8	0	0	0	14.3	6	1	0	-----	0	0	0
INH	VEN	96	1.2	8	2	0	31.4	59	20	1	CDC	6	0	0
INS	COL	154	1.3	3	11	1	26.6	102	24	4	CDC MAL	5 1	3 0	0 0
	ECU	52	1.2	5	2	0	26.7	33	11	0	CDC	0	1	0
LSP	MEX	234	0.8	17	43	14	29.4	113	39	0	CDC	3	0	5
MAL	ARG	85	0.8	0	5	2	14.1	67	6	0	MAL	5	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	29	1.7	0	10	0	26.3	14	4	0	MAL	1	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0
TOTAL		1794	1.2	75	116	57	25.4	1154	272	24		82	6	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/12 - 91/11

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	3	0	0	1	0	0	0	0	0	0	0	0	4
	ELS	0	0	1	0	0	0	0	0	1	0	0	0	2
FIO	VEN	0	0	0	1	0	0	0	0	0	0	0	0	1
	BRA	3	3	4	5	0	0	0	0	0	0	0	0	15
	PER	0	0	0	0	0	0	0	0	0	1	0	1	2
TOTAL		6	3	5	7	0	0	0	0	1	1	0	1	24

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	6	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	14	0	1

**Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990-1991**

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlantico	P1	09/17/90	38
	Bolivar	P1	01/03/91	01
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Saca.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
	Sinaloa	P3	02/19/90	08
Peru	Sinaloa	P3	06/08/90	23
	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken on April 4, 1990 from a case contact.

** Virus isolated from sample taken on July 6, 1990 from a case contact.

Virus isolated from sample taken on October 2, 1990 from a case contact.

Virus isolated from sample taken in October 15, 1990 from a case contact.

**Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	16	3	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	1	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	2	0	0
PER	17	0	0
URU	0	0	0
USA	0	0	0
VEN	6	1	0
TOTAL	59	6	0

**Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUMM 1991	WEEKS							
			1- 4	5	6	7	8	9	10	11
ARG	26	14	10	0	2	0	2	0	0	NR
BOL	0	7	3	2	1	0	0	0	1	0
BRA	105	17	17	0	0	0	0	0	0	NR
CAN	0	0	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0	0	NR
CHI	0	20	6	5	3	2	0	2	2	0
COL	11	22	7	1	1	3	0	3	4	3
COR	0	0	0	0	0	0	0	0	0	NR
CUB	9	1	0	0	0	0	0	1	0	NR
DOR	2	2	0	0	1	0	0	0	1	NR
ECU	17	7	3	0	0	0	1	1	2	NR
ELS	7	17	4	1	1	2	1	5	2	1
GUT	0	12	4	4	0	0	1	1	0	2
HAI	6	0	0	0	0	0	0	0	0	NR
HON	0	13	3	1	1	1	1	4	2	0
MEX	22	57	17	3	4	6	5	10	5	7
NIC	7	2	0	1	0	1	0	0	0	NR
PAN	2	0	0	0	0	0	0	0	0	0
PAR	3	14	5	0	2	2	1	4	0	0
PER	0	11	2	0	2	1	0	3	1	2
URU	0	1	0	0	0	0	0	0	1	NR
USA	0	0	0	0	0	0	0	0	0	0
VEN	16	12	5	1	1	1	1	2	1	0
TOTAL	240	229	86	19	19	19	13	36	22	15

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.10

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 9 March 1991

Last case with wild poliovirus had onset on January 3, 1991 in Colombia

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/11 - 91/10

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	OTHER ENTERO- VIRUS	ENTEROVIRUS ISOLATION CHARACTERIZATION				
				Not yet in Lab	<10 wks	>10 wks				Pending	Lab.	Vaccine	Wild	
													P1	P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0
	HAI	14	0.5	0	0	0	42.9	8	6	0	-----	0	0	0
	TRI	2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0
FIO	BOL	50	1.6	6	3	3	31.6	26	5	0	FIO	7	0	0
	BRA	723	1.3	14	24	25	20.0	528	76	15	FIO	41	0	0
	CUB	2	0.1	0	0	0	100.0	0	0	0	FIO	2	0	0
	PER	76	0.9	1	11	3	16.4	51	5	3	CDC	0	1	0
											FIO	1	1	0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0
	ELS	87	3.6	5	4	0	51.3	38	31	2	INC	1	0	0
											CDC	6	0	0
	GUT	98	2.3	0	2	0	33.3	64	29	0	CDC	2	0	3
	HON	60	2.6	0	6	0	33.3	36	17	0	CDC	1	0	0
	NIC	15	0.8	0	6	0	11.1	8	1	0	-----	0	0	0
	PAN	7	0.8	0	0	0	14.3	6	1	0	-----	0	0	0
INH	VEN	94	1.2	8	1	0	29.4	60	19	0	CDC	6	0	0
INS	COL	148	1.3	1	13	1	24.8	100	22	4	CDC	4	3	0
	ECU	53	1.2	2	5	0	23.9	35	11	0	MAL -----	1 0	0 1	0 0
LSP	MEX	222	0.8	21	25	12	28.7	117	38	0	CDC	3	0	5
MAL	ARG	88	0.9	0	6	1	13.6	70	6	0	MAL	5	0	0
	CHI	1	0.0	0	0	0	100.0	0	0	0	MAL	1	0	0
	PAR	29	1.7	9	1	0	26.3	14	4	0	MAL	1	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0
TOTAL		1793	1.1	67	107	46	23.6	1258	275	24		84	6	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/11 - 91/10

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	2	0	0	0	1	0	0	0	1	0	0	0	4
FIO	ELS	0	0	1	0	0	0	0	0	1	0	0	0	2
	BRA	3	3	4	5	0	0	0	0	0	0	0	0	15
	PER	0	0	0	0	0	0	0	0	0	1	0	2	3
TOTAL		5	3	5	5	1	0	0	0	2	1	0	2	24

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	1
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	6	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	14	0	1

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990 - 1991

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlantico	P1	09/17/90	38
Ecuador	Bolivar	P1	01/03/91	01
	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
Mexico	San Juan Saca.#	P3	09/23/90	39
	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
Peru	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken
on April 4, 1990 from a case contact.** Virus isolated from sample taken
on July 6, 1990 from a case contact.# Virus isolated from sample taken
on October 2, 1990 from a case contact.## Virus isolated from sample taken
in October 15, 1990 from a case contact.Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	16	5	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	2	1	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	2	0	0
PER	17	2	0
URU	0	0	0
USA	0	0	0
VEN	7	1	0
TOTAL	60	10	0

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

PAIS	TOTAL 1990	ACUM 1991	SEMANAS						
			1- 4	5	6	7	8	9	10
ARG	26	14	10	0	2	0	2	0	0
BOL	3	8	4	2	1	0	0	0	1
BRA	105	17	17	0	0	0	0	0	0
CAN	0	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0	0
CHI	0	19	6	6	2	2	1	1	1
COL	11	19	8	1	1	2	0	3	4
COR	0	0	0	0	0	0	0	0	0
CUB	9	1	0	0	0	0	0	1	0
DOR	2	2	0	0	1	0	0	0	1
ECU	17	7	3	0	0	0	1	1	2
ELS	7	16	4	1	1	2	1	5	2
GUT	0	10	4	4	0	0	1	1	0
HAI	10	0	0	0	0	0	0	0	0
HON	0	6	3	1	1	1	0	0	0
MEX	22	42	15	3	4	7	4	7	2
NIC	7	2	0	1	0	1	0	0	0
PAN	2	0	0	0	0	0	0	0	0
PAR	3	14	5	0	2	2	1	4	NR
PER	0	5	2	0	1	1	0	1	0
URU	0	0	0	0	0	0	0	0	1
USA	0	0	0	0	0	0	0	0	0
VEN	16	10	5	0	1	1	1	2	0
TOTAL	247	190	86	19	17	19	12	25	15

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES

NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6, No.9

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 2 March 1991

Last case with wild poliovirus had onset on October 18, 1990 in Mexico.

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/10 - 91/09

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS			ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending		Lab.	Vaccine	P1	Wild P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0	0
	HAI	14	0.5	0	0	0	42.9	8	6	0	-----	0	0	0	0
	TRI	2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0	0
FIO	BOL	53	1.7	8	5	3	29.7	26	5	0	FIO	6	0	0	0
	BRA	744	1.4	14	28	24	19.9	543	77	15	FIO	43	0	0	0
	CUB	2	0.1	0	0	0	100.0	0	0	0	FIO	2	0	0	0
	PER	77	0.9	1	11	3	17.7	51	6	3	CDC FIO	0 1	1 1	0 0	0 0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0	0
	ELS	83	3.5	3	2	0	50.0	39	29	2	CDC	8	0	0	0
	GUT	98	2.3	1	0	0	33.0	65	29	0	CDC	2	0	0	3
	HON	62	2.7	0	6	0	32.1	38	17	0	CDC	1	0	0	0
	NIC	15	0.8	0	6	0	11.1	8	1	0	-----	0	0	0	0
	PAN	7	0.8	0	0	0	14.3	6	1	0	-----	0	0	0	0
INH	VEN	96	1.2	8	1	0	29.9	61	20	0	CDC	6	0	0	0
INS	COL	146	1.2	0	6	1	25.2	104	23	4	CDC MAL	5 1	2 0	0 0	0 0
	ECU	53	1.2	5	0	0	22.9	37	10	1	-----	0	1	0	0
LSP	MEX	215	0.8	11	28	15	27.3	117	35	0	CDC	3	0	0	5
MAL	ARG	89	0.9	0	6	4	10.1	71	5	2	MAL	1	0	0	0
	PAR	31	1.8	9	1	0	19.0	17	4	0	-----	0	0	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0	0
TOTAL		1811	1.1	60	100	51	24.6	1208	274	27		81	5	8	8

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/10 - 91/09

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	0	0	2	0	0	0	1	0	0	0	4
	ECU	0	0	1	0	0	0	0	0	0	0	0	0	1
	ELS	0	0	1	0	0	0	0	0	1	0	0	0	2
FIO	BRA	3	3	4	5	0	0	0	0	0	0	0	0	15
	PER	0	0	0	0	0	0	0	0	0	1	0	2	3
MAL	ARG	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		5	3	7	5	2	0	0	0	2	1	0	2	27

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	6	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	2	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	14	0	0

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlántico	P1	09/17/90	38
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapán**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Sacra.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Jalisco	P3	10/15/90	42
	Jalisco	P3	10/18/90	42
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Amazonas ##	P1	06/11/90	24
	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken
on April 4, 1990 from a case contact.** Virus isolated from sample taken
on July 6, 1990 from a case contact.# Virus isolated from sample taken
on October 2, 1990 from a case contact.## Virus isolated from sample taken
in October 15, 1990 from a case contact.Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	24	6	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	8	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	2	0	0
PER	17	1	0
URU	0	0	0
USA	0	0	0
VEN	7	1	0
TOTAL	67	9	0

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

PAIS	TOTAL 1990	ACUM 1991	SEMANAS					
			1- 4	5	6	7	8	9
ARG	55	14	10	0	2	0	2	0
BOL	4	6	3	2	1	0	0	0
BRA	108	17	17	0	0	0	0	NR
CAN	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0
CHI	0	18	6	6	2	2	1	1
COL	12	15	8	1	1	2	0	3
COR	0	0	0	0	0	0	0	NR
CUB	9	0	0	0	0	0	0	NR
DOR	2	1	0	0	1	NR	0	NR
ECU	17	5	3	0	0	0	1	1
ELS	8	11	4	1	1	2	1	2
GUT	0	10	4	4	0	0	1	1
HAI	10	0	0	0	0	NR	0	NR
HON	0	6	3	1	1	1	0	0
MEX	25	31	18	1	2	6	4	0
NIC	7	2	0	1	0	1	0	0
PAN	2	0	0	0	0	0	0	0
PAR	3	14	5	0	2	2	1	4
PER	0	5	2	0	1	1	0	1
URU	0	0	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0
VEN	16	10	5	0	1	1	1	2
TOTAL	285	165	88	17	15	18	12	15

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



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Pan American Sanitary Bureau, Regional Office of the
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Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 23 February 1991

Last case with wild poliovirus had onset on September 23, 1990 in Guatemala.

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/09 - 91/08

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS ISOLATION			CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending		Lab.	Vaccine	Wild P1	P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0	0
	HAI	15	0.6	0	0	0	46.7	8	7	0	-----	0	0	0	0
	TRI	2	5.0	0	0	1	0.0	1	0	0	-----	0	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0	0
FIO	BOL	50	1.6	7	0	3	25.0	30	3	1	FIO	6	0	0	0
	BRA	750	1.4	14	31	21	19.9	548	78	15	FIO	43	0	0	0
	CUB	2	0.1	0	0	0	100.0	0	0	0	FIO	2	0	0	0
	PER	77	0.9	7	5	9	14.3	48	4	2	CDC	0	1	0	0
INC											FIO	1	0	0	0
	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0	0
	ELS	82	3.4	1	6	0	50.7	37	28	2	CDC	8	0	0	0
	GUT	97	2.3	0	0	0	34.0	64	30	0	CDC	2	0	0	3
	HON	63	2.7	5	0	0	31.0	40	17	0	CDC	1	0	0	0
	NIC	10	0.6	0	0	0	10.0	9	1	0	-----	0	0	0	0
INH	PAN	7	0.8	0	0	0	14.3	6	1	0	-----	0	0	0	0
	VEN	98	1.3	7	9	0	31.7	56	20	0	CDC	6	0	0	0
INS	COL	150	1.3	0	5	2	25.2	107	23	4	CDC	6	2	0	0
	ECU	51	1.2	3	1	0	23.4	36	10	1	MAL	1	0	0	0
LSP											-----	0	1	0	0
	MEX	219	0.8	11	28	15	27.3	120	36	0	CDC	3	0	0	3
MAL	ARG	89	0.9	0	7	3	10.1	71	5	2	MAL	1	0	0	0
	PAR	31	1.8	6	1	0	20.8	19	5	0	-----	0	0	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0	0
TOTAL		1817	1.1	61	93	54	24.4	1216	274	27		82	4	6	6

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/09 - 91/08

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	3	0	0	0	0	0	0	0	1	0	0	0	4
	ECU	0	0	1	0	0	0	0	0	0	0	0	0	1
FIO	ELS	1	0	0	0	1	0	0	0	0	0	0	0	2
	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
MAL	BRA	3	3	4	5	0	0	0	0	0	0	0	0	15
	PER	0	0	0	0	0	0	0	0	0	0	0	2	2
	ARG	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		9	3	6	5	1	0	0	0	1	0	0	2	27

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	1	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	11	0	0

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlantico	P1	09/17/90	38
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Saca.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken
on April 4, 1990 from a case contact.** Virus isolated from sample taken
on July 6, 1990 from a case contact.# Virus isolated from sample taken
on October 2, 1990 from a case contact.Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	24	5	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	2	0	0
PER	16	1	0
URU	0	0	0
USA	0	0	0
VEN	7	1	0
TOTAL	63	8	0

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS				
			1- 4	5	6	7	8
ARG	67	12	10	0	2	0	0
BOL	5	3	1	0	0	2	0
BRA	108	17	17	0	0	0	0
CAN	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0
CHI	10	16	6	6	2	2	0
COL	19	10	8	0	1	1	0
COR	0	0	0	0	NR	NR	NR
CUB	9	0	0	0	0	NR	NR
DOR	2	1	0	0	1	NR	NR
ECU	17	4	3	0	0	0	1
ELS	11	9	4	1	1	2	1
GUT	0	10	5	4	0	1	0
HAI	10	0	0	0	0	NR	0
HON	9	5	3	1	1	0	0
MEX	25	31	18	1	2	6	4
NIC	7	2	0	1	0	1	NR
PAN	2	0	0	0	0	0	0
PAR	3	10	5	0	2	2	1
PER	6	2	0	0	1	1	0
URU	0	0	0	0	0	0	0
USA	0	0	0	0	0	0	0
VEN	17	7	6	0	1	0	0
TOTAL	334	139	86	14	14	18	7

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Last case with wild poliovirus had onset on September 23, 1990 in Guatemala.

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/08 - 91/07

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS		ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending	Lab.	Vaccine	Wild	
													P1	P3
CAR	DOR	6	0.2	0	0	0	16.7	5	1	0	-----	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0
	HAI	16	0.6	0	0	0	50.0	8	8	0	-----	0	0	0
	TRI	2	5.0	0	1	0	0.0	1	0	0	-----	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0
FIO	BOL	54	1.7	7	0	4	25.6	32	3	1	FIO	7	0	0
	BRA	761	1.4	15	36	18	19.9	554	81	14	FIO	43	0	0
	CUB	2	0.1	0	0	0	100.0	0	0	0	FIO	2	0	0
	PER	80	0.9	8	8	4	13.3	52	4	2	CDC	0	1	0
											FIO	1	0	0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0
	ELS	86	3.6	5	3	0	47.4	41	26	2	CDC	8	0	0
											INC	1	0	0
	GUT	87	2.1	0	1	0	31.4	59	25	0	CDC	1	0	3
	HON	64	2.8	5	1	0	29.3	41	16	0	CDC	1	0	0
	NIC	10	0.6	0	0	0	10.0	9	1	0	-----	0	0	0
	PAN	7	0.8	0	0	0	14.3	6	1	0	-----	0	0	0
INH	VEN	92	1.2	10	0	0	29.3	58	17	0	CDC	7	0	0
INS	COL	153	1.3	1	9	2	26.2	104	24	4	CDC	6	2	0
	ECU	50	1.1	2	1	0	23.4	36	10	1	MAL	1	0	0
											-----	0	1	0
LSP	MEX	208	0.7	13	13	18	26.2	121	33	0	CDC	3	0	4
MAL	ARG	89	0.9	0	7	3	10.1	71	5	2	MAL	1	0	0
	PAR	30	1.8	2	1	0	18.5	22	5	0	-----	0	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0
TOTAL		1815	1.2	68	81	49	22.4	1231	265	26		84	4	7

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/08 - 91/07

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	3	0	0	0	1	0	0	0	0	0	0	0	4
	ECU	0	0	1	0	0	0	0	0	0	0	0	0	1
	ELS	1	0	0	0	1	0	0	0	0	0	0	0	2
FIO	BOL	1	0	0	0	0	0	0	0	0	0	0	0	1
	BRA	3	2	4	5	0	0	0	0	0	0	0	0	14
	PER	0	0	0	0	0	0	0	0	0	0	0	2	2
MAL	ARG	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		9	2	6	5	2	0	0	0	0	0	0	2	26

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	1	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	11	0	0

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlantico	P1	09/17/90	38
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Saca.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken on April 4, 1990 from a case contact.

** Virus isolated from sample taken on July 6, 1990 from a case contact.

Virus isolated from sample taken on October 2, 1990 from a case contact.

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	26	3	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	8	1	0
NIC	0	0	0
PAN	0	0	0
PAR	3	0	0
PER	16	0	0
URU	0	0	0
USA	0	0	0
VEN	5	1	0
TOTAL	64	5	0

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS						
			1	2	3	4	5	6	7
ARG	67	12	0	2	7	1	0	2	0
BOL	5	3	0	0	1	0	0	NR	2
BRA	125	17	1	9	4	3	0	0	0
CAN	0	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0	0
CHI	10	16	0	1	4	1	6	2	2
COL	22	10	0	1	2	5	0	1	1
COR	0	0	0	0	0	0	0	NR	NR
CUB	9	0	0	0	0	0	0	0	NR
DOR	3	1	0	0	0	0	0	1	NR
ECU	19	3	0	0	1	2	0	0	0
ELS	14	8	0	1	0	3	1	1	2
GUT	6	10	0	1	3	1	4	0	1
HAI	10	0	0	0	0	0	0	0	NR
HON	9	5	0	0	1	2	1	1	0
MEX	39	11	0	0	4	2	1	1	3
NIC	7	2	0	0	0	0	1	0	1
PAN	2	0	0	0	0	0	0	0	0
PAR	3	7	0	5	0	0	0	2	0
PER	9	3	0	1	0	1	0	1	0
URU	0	0	0	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0
VEN	15	7	0	1	0	5	0	1	0
TOTAL	381	115	1	22	27	26	14	13	12

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



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Last case with wild poliovirus had onset on September 23, 1990 in Guatemala.

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/07 - 91/06

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	OTHER ENTERO- VIRUS	ENTEROVIRUS Pending	ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks					Lab.	Vaccine	Wild P1	P3
CAR	DOR	7	0.3	0	1	0	16.7	5	1	0	-----	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0
	HAI	16	0.6	0	2	0	57.1	6	8	0	-----	0	0	0
	TRI	2	5.0	0	1	0	0.0	1	0	0	-----	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0
FIO	BOL	54	1.7	11	0	4	25.6	29	3	0	FIO	7	0	0
	BRA	759	1.4	65	28	30	17.5	525	66	3	FIO	41	0	0
	CUB	2	0.1	0	0	0	100.0	0	0	0	FIO	2	0	0
	PER	80	0.9	31	0	3	15.2	39	3	3	CDC	0	1	0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0
	ELS	81	3.4	6	6	0	42.0	40	21	1	CDC	7	0	0
	GUT	102	2.4	0	7	1	31.9	64	27	0	CDC	2	0	3
	HON	63	2.7	2	2	0	27.1	43	15	0	CDC	1	0	0
	NIC	10	0.6	0	0	0	10.0	9	1	0	-----	0	0	0
	PAN	7	0.8	0	0	0	14.3	6	1	0	-----	0	0	0
INH	VEN	92	1.2	10	0	0	28.0	59	16	0	CDC	7	0	0
INS	COL	161	1.4	1	10	2	29.1	105	30	3	CDC	7	2	0
	ECU	50	1.1	2	2	0	21.7	36	9	1	MAL -----	1 0	0 1	0 0
LSP	MEX	206	0.7	13	12	15	27.7	120	35	0	CDC	4	0	4
MAL	ARG	90	0.9	0	12	4	10.8	66	5	2	MAL	1	0	0
	PAR	31	1.8	3	1	0	18.5	22	5	0	-----	0	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0
TOTAL		1831	1.2	144	84	59	21.8	1186	251	13		82	4	7

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/07 - 91/06

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	3	0	0	0	0	0	0	0	0	0	0	0	3
	ECU	0	0	0	0	0	0	1	0	0	0	0	0	1
	ELS	0	0	0	0	0	0	0	0	1	0	0	0	1
FIO	BRA	1	0	1	1	0	0	0	0	0	0	0	0	3
	PER	0	0	0	1	0	0	0	0	0	0	0	2	3
MAL	ARG	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		5	0	2	2	0	0	1	0	1	0	0	2	13

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	1	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	11	0	0

**Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990**

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlantico	P1	09/17/90	38
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Saca.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken on April 4, 1990 from a case contact.

** Virus isolated from sample taken on July 6, 1990 from a case contact.

Virus isolated from sample taken on October 2, 1990 from a case contact.

**Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	23	3	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	5	1	0
NIC	0	0	0
PAN	0	0	0
PAR	3	0	0
PER	15	0	0
URU	0	0	0
USA	0	0	0
VEN	5	1	0
TOTAL	57	5	0

**Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUM 1991	WEEKS					
			1	2	3	4	5	6
ARG	66	13	0	2	7	1	1	2
BOL	5	1	0	0	1	0	0	NR
BRA	179	17	1	9	4	3	0	NR
CAN	0	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0	0
CHI	11	6	0	2	4	0	0	NR
COL	26	8	0	1	2	5	0	0
COR	0	0	0	0	0	0	0	NR
CUB	9	0	0	0	0	0	0	0
DOR	3	1	0	0	0	0	0	1
ECU	19	3	0	0	1	2	0	0
ELS	17	6	0	1	0	3	1	1
GUT	9	10	0	1	4	1	4	0
HAI	10	0	0	0	0	0	0	0
HON	9	2	0	0	1	1	0	0
MEX	68	3	0	0	3	0	0	0
NIC	7	1	0	0	0	0	1	0
PAN	2	0	0	0	0	0	0	NR
PAR	4	7	0	5	0	0	0	2
PER	9	3	0	1	0	1	0	1
URU	0	0	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0
VEN	17	6	0	1	0	4	0	1
TOTAL	477	87	1	23	27	21	7	8

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

Vol. 6 No.5

Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 2 February 1991

Last case with wild poliovirus had onset on September 23, 1990 in Guatemala.

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/06 - 91/05

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS ISOLATION			CHARACTERIZATION		
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending	Lab.	Vaccine	Wild P1	P3
CAR	DOR	4	0.1	0	0	0	0.0	4	0	0	-----	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0
	HAI	16	0.6	0	5	0	45.5	6	5	0	-----	0	0	0
	TRI	2	5.0	0	1	0	0.0	1	0	0	-----	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0
FIO	BOL	54	1.7	11	0	4	25.6	29	3	0	FIO	7	0	0
	BRA	771	1.4	65	30	28	17.3	536	67	3	FIO	41	0	0
	CUB	2	0.1	0	0	0	100.0	0	0	0	FIO	2	0	0
	PER	78	0.9	29	0	3	17.4	38	4	3	CDC	0	1	0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0
	ELS	73	3.0	4	3	4	43.5	35	20	1	CDC	6	0	0
	GUT	100	2.4	0	7	1	32.6	62	27	1	CDC	1	0	3
	HON	64	2.8	2	9	0	28.3	38	14	0	CDC	1	0	0
	NIC	10	0.6	0	0	0	10.0	9	1	0	-----	0	0	0
	PAN	7	0.8	0	0	0	14.3	6	1	0	-----	0	0	0
INH	VEN	90	1.2	10	1	0	27.8	57	15	0	CDC	7	0	0
INS	COL	154	1.3	2	11	5	26.5	100	26	0	CDC	7	2	0
	ECU	52	1.2	2	3	0	21.3	37	9	1	MAL -----	1 0	0 1	0 0
LSP	MEX	211	0.7	15	11	14	28.1	123	37	0	CDC	4	0	4
MAL	ARG	90	0.9	0	15	2	11.0	65	5	2	MAL	1	0	0
	PAR	32	1.9	2	1	0	17.2	24	5	0	-----	0	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0
TOTAL		1998	1.2	155	98	62	21.3	1325	254	11		81	4	7

** POPULATION UNDER 15 YEARS OF AGE

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/06 - 91/05

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	ECU	0	0	0	0	0	0	1	0	0	0	0	0	1
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	GUT	0	0	1	0	0	0	0	0	0	0	0	0	1
FIO	BRA	1	0	1	1	0	0	0	0	0	0	0	0	3
	PER	0	0	0	1	0	0	0	0	0	0	0	2	3
MAL	ARG	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		3	0	3	2	0	0	1	0	0	0	0	2	11

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	1	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	11	0	0

**Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990**

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlántico	P1	09/17/90	38
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapán**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Sacacabán#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken on April 4, 1990 from a case contact.

** Virus isolated from sample taken on July 6, 1990 from a case contact.

Virus isolated from sample taken on October 2, 1990 from a case contact.

**Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	18	2	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	1	0
NIC	0	0	0
PAN	0	0	0
PAR	3	0	0
PER	13	0	0
URU	0	0	0
USA	0	0	0
VEN	5	1	0
TOTAL	49	4	0

**Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUM 1991	WEEKS				
			1	2	3	4	5
ARG	65	11	0	2	7	1	1
BOL	5	1	0	0	1	0	0
BRA	179	17	1	9	4	3	0
CAN	0	0	0	0	0	0	0
CAR	7	0	0	0	0	0	0
CHI	11	6	0	2	4	0	0
COL	29	8	0	1	2	5	0
COR	0	0	0	0	0	NR	NR
CUB	9	0	0	0	NR	0	NR
DOR	3	0	0	0	0	0	0
ECU	21	3	0	0	1	2	0
ELS	23	0	0	0	0	0	0
GUT	10	9	0	1	4	1	3
HAI	10	0	0	0	NR	NR	NR
HON	9	2	0	0	1	1	0
MEX	77	1	0	0	1	0	0
NIC	4	1	0	0	0	0	1
PAN	2	0	0	0	0	0	0
PAR	4	5	0	5	0	0	0
PER	11	3	0	1	1	1	0
URU	0	0	0	0	0	0	0
USA	0	0	0	0	0	0	0
VEN	24	0	0	0	0	0	0
TOTAL	503	67	1	21	26	14	5

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
NR NO REPORT RECEIVED



Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
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Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 26 January 1991

Last case with wild poliovirus had onset on September 23, 1990 in Guatemala.

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/05 - 91/04

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA- TION	NEG.	ENTEROVIRUS ISOLATION CHARACTERIZATION					
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending	Lab.	Vaccine	Wild	
													P1	P3
CAR	DOR	4	0.1	0	0	0	0.0	4	0	0	-----	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0	-----	0	0	0
	HAI	16	0.6	0	5	0	45.5	6	5	0	-----	0	0	0
	TRI	2	5.0	0	1	0	0.0	1	0	0	-----	0	0	0
CDC	CHI	1	0.0	0	0	0	100.0	0	0	0	CDC	1	0	0
FIO	BOL	55	1.7	11	0	4	25.0	30	3	0	FIO	7	0	0
	BRA	770	1.4	73	31	44	18.6	506	68	8	FIO	40	0	0
	CUB	2	0.1	0	0	0	100.0	0	0	0	FIO	2	0	0
	PER	77	0.9	27	0	3	17.0	39	4	3	CDC	0	1	0
INC	COR	10	0.9	0	0	0	30.0	7	3	0	-----	0	0	0
	ELS	74	3.1	4	3	4	42.9	36	20	1	CDC	6	0	0
	GUT	104	2.4	0	7	0	32.6	64	28	2	CDC	0	0	3
	HON	65	2.8	3	9	0	28.3	38	14	0	CDC	1	0	0
	NIC	10	0.6	0	0	0	10.0	9	1	0	-----	0	0	0
	PAN	7	0.8	0	0	0	14.3	6	1	0	-----	0	0	0
INH	VEN	96	1.2	11	1	0	27.4	61	16	0	CDC INH	6 1	0 0	0 0
INS	COL	160	1.4	2	20	5	26.3	98	26	0	CDC	6	2	0
	ECU	55	1.2	1	2	0	17.6	42	8	1	MAL CDC	1 0	0 1	0 0
LSP	MEX	214	0.7	16	14	22	30.4	112	38	4	CDC LSP	3 1	0 0	4 0
MAL	ARG	88	0.9	0	15	5	11.8	60	5	2	MAL	1	0	0
	PAR	32	1.9	1	3	0	17.9	23	5	0	-----	0	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0	MAL	1	0	0
TOTAL		1868	1.1	150	111	87	22.0	1164	247	21		77	4	7

** POPULATION UNDER 15 YEARS OF AGE (GOLD STANDARD: 1/100,000)

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/05 - 91/04

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	ECU	0	0	1	0	0	0	0	0	0	0	0	0	1
	ELS	1	0	0	0	0	0	0	0	0	0	0	0	1
	GUT	0	0	2	0	0	0	0	0	0	0	0	0	2
	MEX	0	0	1	0	0	0	3	0	0	0	0	0	4
FIO	BRA	3	1	2	2	0	0	0	0	0	0	0	0	8
	PER	0	0	0	1	0	0	0	0	0	0	0	2	3
MAL	ARG	1	0	1	0	0	0	0	0	0	0	0	0	2
TOTAL		5	1	7	3	0	0	3	0	0	0	0	2	21

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	2	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	1	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	11	0	0

**Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990**

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
	Atlántico	P1	09/17/90	38
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapán**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Sacacabán#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Cajamarca	P1	04/25/90	17

- * Virus isolated from sample taken on April 4, 1990 from a case contact.
 ** Virus isolated from sample taken on July 6, 1990 from a case contact.
 # Virus isolated from sample taken on October 2, 1990 from a case contact.

**Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET**

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	18	2	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	1	0
NIC	0	0	0
PAN	0	0	0
PAR	3	0	0
PER	13	0	0
URU	0	0	0
USA	0	0	0
VEN	5	1	0
TOTAL	49	4	0

**Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT**

SITE	TOTAL 1990	CUM 1991	WEEKS			
			1	2	3	4
ARG	62	9	3	5	0	1
BOL	7	0	0	0	0	0
BRA	250	17	9	5	3	0
CAN	0	0	0	0	0	0
CAR	6	0	0	0	0	0
CHI	11	6	2	1	3	0
COL	37	7	2	1	2	2
COR	0	0	0	0	0	NR
CUB	8	0	0	0	NR	NR
DOR	1	0	0	0	0	0
ECU	9	1	1	0	0	0
ELS	23	0	0	0	0	0
GUT	12	7	1	3	3	0
HAI	10	0	0	0	NR	NR
HON	10	2	0	0	1	1
MEX	91	0	0	0	0	0
NIC	4	0	0	0	0	0
PAN	2	0	0	0	0	0
PAR	5	5	5	0	0	0
PER	12	2	1	1	0	0
URU	0	0	0	0	0	0
USA	0	0	0	0	0	0
VEN	27	0	0	0	0	0
TOTAL	587	56	24	16	12	4

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
 NR NO REPORT RECEIVED

[illegible]

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	1	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	1	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	10	0	0

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Saca.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Cajamarca	P1	04/25/90	17

- * Virus isolated from sample taken on April 4, 1990 from a case contact.
 ** Virus isolated from sample taken on July 6, 1990 from a case contact.
 # Virus isolated from sample taken on October 2, 1990 from a case contact.

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	16	2	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	1	0
NIC	0	0	0
PAN	0	0	0
PAR	3	0	0
PER	12	0	0
URU	0	0	0
USA	0	0	0
VEN	5	1	0
TOTAL	46	4	0

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS		
			1	2	3
ARG	64	2	0	2	NR
BOL	7	0	0	0	0
BRA	243	0	0	0	0
CAN	0	0	0	0	0
CAR	7	0	0	0	0
CHI	11	6	0	2	4
COL	36	2	0	0	2
COR	0	0	NR	NR	NR
CUB	9	0	0	0	NR
DOR	3	0	0	0	0
ECU	9	1	0	0	1
ELS	23	0	0	0	0
GUT	15	4	0	1	3
HAI	10	0	0	0	NR
HON	20	0	0	0	0
MEX	126	0	0	0	0
NIC	4	0	0	0	0
PAN	2	0	0	0	0
PAR	5	5	0	5	0
PER	14	2	0	1	1
URU	0	0	0	0	0
USA	0	0	0	0	0
VEN	27	0	0	0	0
TOTAL	635	22	0	11	11

CAR INCLUDES REPORTS FROM ALL CAREC-MEMBER COUNTRIES
 NR NO REPORT RECEIVED

[illegible]

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

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
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	1	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	1	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	10	0	0

Table No. 3a
WILD POLIOVIRUS ISOLATES
IN 1990

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapan**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Saca.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Cajamarca	P1	04/25/90	17

* Virus isolated from sample taken
on April 4, 1990 from a case contact.** Virus isolated from sample taken
on July 6, 1990 from a case contact.# Virus isolated from sample taken
on October 2, 1990 from a case contact.Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

SITE	TOTAL 1990	CUMULATIVE	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	0	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	1	0
NIC	0	0	0
PAN	0	0	0
PAR	3	0	0
PER	14	0	0
URU	0	0	0
USA	0	0	0
VEN	3	1	0
TOTAL	44	2	0

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

SITE	TOTAL 1990	CUM 1991	WEEKS	
			1	2
ARG	64	2	0	2
BOL	8	0	0	0
BRA	242	0	0	0
CAN	0	0	0	0
CAR	7	0	0	0
CHI	10	2	0	2
COL	34	0	0	0
COR	0	0	NR	NR
CUB	9	0	NR	NR
DOR	3	0	NR	NR
ECU	9	0	0	0
ELS	23	0	0	0
GUT	16	1	0	1
HAI	8	0	0	0
HON	20	0	0	0
MEX	98	0	0	NR
NIC	4	0	0	0
PAN	2	0	0	0
PAR	5	4	0	4
PER	14	1	0	1
URU	0	0	0	0
USA	0	0	0	0
VEN	71	0	NR	NR
TOTAL	647	10	0	10

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Pan American Health Organization
Pan American Sanitary Bureau, Regional Office of the
World Health Organization

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Expanded Program on Immunization
Polio Surveillance in the Americas

Weekly Bulletin for the
week ending 5 January 1991

Last case with wild poliovirus had onset on September 23, 1990 in Guatemala.

Table No. 1
Status of Analysis of Stool Samples, by Laboratory and Country,
Weeks 90/01 - 90/52

LAB.	CNTRY.	TOTAL *	RATE** per 100,000 <15 yrs	WITHOUT RESULTS			% ISOLA-TION	NEG.	ENTEROVIRUS			ISOLATION CHARACTERIZATION			
				Not yet in Lab	<10 wks	>10 wks			OTHER ENTERO- VIRUS	Pending		Lab.	Vaccine	P1	Wild P3
CAR	DOR	7	0.3	0	0	0	0.0	7	0	0		----	0	0	0
	GUY	1	0.3	0	0	0	100.0	0	1	0		----	0	0	0
	HAI	12	0.5	0	0	0	41.7	7	5	0		----	0	0	0
	TRI	2	5.0	0	1	0	0.0	1	0	0		----	0	0	0
CHI	CHI	109	2.6	6	0	1	9.9	91	9	0		CHI	1	0	0
	CDC												1	0	0
FIO	BOL	56	1.8	11	0	4	26.8	30	4	0		FIO	7	0	0
	BRA	708	1.3	25	20	31	20.3	504	75	5		FIO	46	0	0
												BEL	2	0	0
	PER	77	0.9	25	2	1	16.3	41	3	4		CDC	0	1	0
INC	COR	10	0.9	0	1	0	33.3	6	3	0		----	0	0	0
	ELS	75	3.1	1	8	0	42.4	38	22	0		CDC	6	0	0
	GUT	97	2.3	0	6	0	36.3	58	29	1		CDC	0	0	3
	HON	63	2.7	24	0	0	28.2	28	10	0		CDC	1	0	0
	NIC	11	0.6	0	0	0	9.1	10	1	0		----	0	0	0
	PAN	7	0.8	0	0	0	14.3	6	1	0		----	0	0	0
INH	VEN	94	1.2	9	2	1	28.0	59	16	2		CDC	5	0	0
INS	COL	160	1.4	1	19	1	25.9	103	27	1		CDC	6	1	0
	ECU	59	1.3	0	5	0	18.5	44	8	1		MAL	1	0	0
												CDC	0	1	0
IPK	CUB	21	0.7	1	0	0	10.0	18	0	0		FIO	2	0	0
LSP	MEX	205	0.6	5	16	15	29.0	120	37	3		CDC	4	0	4
												LSP	1	0	0
MAL	ARG	80	0.8	0	21	2	10.5	51	5	0		MAL	1	0	0
	PAR	29	1.7	1	3	0	20.0	20	4	1		----	0	0	0
	URU	6	0.7	0	0	0	33.3	4	1	0		MAL	1	0	0
TOTAL		1889	1.1	109	104	56	23.1	1246	261	18			85	3	7

** POPULATION UNDER 15 YEARS OF AGE (GOLD STANDARD: 1/100,000)

* EACH SAMPLE RELATES TO A PROBABLE CASE

Table No. 2
STATUS OF POLIOVIRUS PENDING INTRATYPIC DIFFERENTIATION
Weeks 90/01 - 90/52

LAB	COUNTRY	POLIOVIRUS												TOTAL
		NOT YET IN LAB				IN LAB < 4 Wks				IN LAB > 4 Wks				
		P1	P2	P3	MIX	P1	P2	P3	MIX	P1	P2	P3	MIX	
CDC	COL	1	0	0	0	0	0	0	0	0	0	0	0	1
	ECU	0	0	1	0	0	0	0	0	0	0	0	0	1
	GUT	0	0	0	0	0	0	1	0	0	0	0	0	1
	MEX	0	0	3	0	0	0	0	0	0	0	0	0	3
FIO	VEN	0	0	1	1	0	0	0	0	0	0	0	0	2
	PAR	0	1	0	0	0	0	0	0	0	0	0	0	1
	BRA	2	0	1	2	0	0	0	0	0	0	0	0	5
	PER	0	0	0	1	0	0	0	0	0	0	1	2	4
TOTAL		3	1	6	4	0	0	1	0	0	0	1	2	18

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

PAIS	TOTAL 1990	ACUMULADO	
		1990	1991
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	1	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	3	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	1	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
TOTAL	10	0	0

Table No. 3a
WILD POLIOVIRUS ISOLATES
SINCE 1990

SITE		VIRUS TYPE	ONSET	WK
COUNTRY	STATE			
Colombia	Nariño	P1	05/31/90	22
Ecuador	Guayas*	P1	03/26/90	13
Guatemala	Totonicapán**	P3	04/19/90	16
	Chimaltenango	P3	09/12/90	37
	San Juan Saca.#	P3	09/23/90	39
Mexico	Colima	P3	09/03/90	36
	Colima	P3	09/16/90	38
	Sinaloa	P3	02/19/90	08
	Sinaloa	P3	06/08/90	23
Peru	Cajamarca	P1	04/25/90	17

- * Virus isolated from sample taken on April 4, 1990 from a case contact.
 ** Virus isolated from sample taken on July 6, 1990 from a case contact.
 # Virus isolated from sample taken on October 2, 1990 from a case contact.

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

PAIS	TOTAL 1990	ACUMULADO	
		1990	1991
ARG	0	0	0
BOL	0	0	0
BRA	14	0	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	5	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	1	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	4	1	0
NIC	0	0	0
PAN	0	0	0
PAR	3	0	0
PER	14	0	0
URU	0	0	0
USA	0	0	0
VEN	3	0	0
TOTAL	44	1	0

Table No. 5
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

PAIS	TOTAL 1990	ACUM	SEM
		1991	1
ARG	64	0	0
BOL	8	0	0
BRA	161	0	0
CAN	0	0	0
CAR	7	0	0
CHI	3	0	0
COL	34	0	NR
COR	0	0	NR
CUB	9	0	NR
DOR	3	0	NR
ECU	9	0	0
ELS	23	0	0
GUT	20	0	0
HAI	8	0	0
HON	25	0	0
MEX	98	0	0
NIC	4	0	0
PAN	2	0	0
PAR	6	0	0
PER	16	0	0
URU	0	0	NR
USA	0	0	0
VEN	71	0	NR
TOTAL	571	0	0

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 NR NO REPORT RECEIVED