



## Poliovirus Surveillance in the Americas

### THE GLOBAL POLIO ERADICATION INITIATIVE

#### Global Key Messages:

- Ministers of health from the remaining polio-endemic countries are committed to stopping poliovirus transmission by the end of 2004.
- The single greatest risk to global polio eradication is the ongoing suspension of activities in Kano. It is urgent that activities are resumed as quickly as possible.
- The world's vulnerability to re-infection through cross-border importations is increasing fast. Last year, for the first time, polio-free countries reporting polio importations outnumbered endemic countries, proving that polio anywhere is a threat to children everywhere. That is why it is crucial to end polio while there is still a chance.

#### Risks & challenges:

##### Decreasing global immunity:

- The world is increasingly vulnerable to importations of polio because fewer countries are holding preventative polio immunization campaigns (from 100 in 2002 to just 20 in 2003).
- Low rates of routine immunization across Africa and Asia make children living there particularly vulnerable to polio and other infectious diseases. Universal access to routine immunization is the best national defence against polio.

**Table No. 1**  
**Summary of Status of Case Stool Sample Analysis of Countries By Reference Laboratory**  
**Last 52 Weeks (2003/31- 2004/29)**

Lab.	Total*	WITHOUT RESULTS			ENTEROVIRUS ISOLATION					
		Not yet in lab.	<28 days	>28 Days	% Isolation	Negative	Other Enterovirus	Poliovirus		
								Pending	Vaccine	Wild
BEL	53	21	0	5	11.1	24	1	0	2	0
CAR	113	7	5	1	15.0	85	15	0	0	0
FIO	519	133	5	22	12.0	316	35	0	8**	0
INC	205	2	2	8	20.7	153	40	0	0	0
INDRE	253	0	0	15	20.6	189	48	0	1	0
INH	89	0	0	0	5.6	84	3	0	2	0
INS	189	0	4	4	12.2	159	19	0	3	0
ISP	39	0	2	2	8.6	32	3	0	0	0
MAL	238	6	5	11	16.2	181	23	0	12	0
<b>TOTAL</b>	<b>1699</b>	<b>169</b>	<b>23</b>	<b>68</b>	<b>14.9</b>	<b>1223</b>	<b>187</b>	<b>0</b>	<b>28</b>	<b>0</b>

\* Each sample relates to an individual

Case samples only

\*\* Peru with 1 case sabin-derived

**Table No. 2**

**There are no Poliovirus Pending Intratypic Differentiation this last 52 Weeks (2003/31 - 2004/29)**



# Acute Flaccid Paralysis Surveillance

Vol. 19, No. 29

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

SITE	TOTAL	CUM.	Week										
			2003	2004	1-4	5-8	9-12	13-16	17-20	21-24	25	26	27
ARG	0	22	1	0	1	4	2	4	3	1	0	4	2
BOL	0	12	0	0	0	0	6	6	0	0	0	0	0
BRA	0	142	10	13	18	17	33	34	9	5	3	0	0
CAN	0	0	0	0	0	0	0	0	0	0	0	0	0
CAR	0	7	1	1	0	0	3	1	0	0	1	0	0
CHI	0	22	2	6	1	1	7	2	1	1	1	0	0
COL	0	4	0	0	0	0	0	0	0	1	3	0	0
COR	0	1	0	1	0	0	0	0	0	0	0	0	0
CUB	0	9	3	0	0	1	3	1	1	0	0	0	0
DOR	0	5	0	0	0	0	0	3	1	1	0	0	0
ECU	0	4	0	0	0	0	1	3	0	0	0	0	0
ELS	0	24	6	4	8	6	0	0	0	0	0	0	0
GUT	0	6	0	0	0	0	0	6	0	0	0	0	0
HAI	0	0	0	0	0	0	0	0	0	0	0	0	0
HON	0	4	0	0	0	0	0	1	0	1	2	0	0
MEX	0	66	21	29	16	0	0	0	0	0	0	0	0
NIC	0	7	0	0	0	0	1	2	0	0	2	1	1
PAN	0	3	0	0	0	0	0	1	0	1	0	1	0
PAR	0	4	0	0	0	0	2	2	0	0	0	0	0
PER	0	20	0	0	2	4	4	1	3	3	0	3	0
URU	0	0	0	0	0	0	0	0	0	0	0	0	0
USA	0	0	0	0	0	0	0	0	0	0	0	0	0
VEN	0	2	0	0	0	0	0	0	0	1	1	0	0
Total	0	364	44	54	46	33	62	67	18	15	13	9	3

**Table No.2  
CASES OF AFP REPORTED, RATE PER 100,000 <15 yrs. ,  
% INVESTIGATED WITHIN 48 hrs., % WITH 1 ADEQUATE  
SAMPLE AND % OF SITES REPORTING WEEKLY**

SITE	Total 2003		Last 52 weeks (2003/31-2004/29)				
	CASES	RATE	CASES	RATE	% INV. <48 hrs.	% 1 Sample+	% Sites Reporting
ARG	122	1.19	128	1.25	87	64	76
BOL	58	1.72	64	1.90	92	83	0
BRA	654	1.26	547	1.06	97	76	92
CAN	NR	NR	NR	NR	NR	NR	NR
CAR	43	1.95	40	1.81	95	53	100
CHI	86	2.00	63	1.46	79	84	96
COL	164	1.17	179	1.28	77	82	89
COR	18	1.48	8	0.66	100	88	76
CUB	26	0.58	21	0.47	95	90	98
DOR	17	0.50	20	0.59	95	85	88
ECU	44	1.02	25	0.58	96	89	89
ELS	106	4.60	82	3.56	94	88	81
GUT	101	2.22	99	2.17	92	89	63
HAI	13	0.41	4	0.13	75	75	0
HON	55	2.02	61	2.24	93	97	94
MEX	452	1.39	283	0.87	93	82	94
NIC	37	1.62	36	1.58	97	100	100
PAN	8	0.85	12	1.28	92	92	89
PAR	26	1.17	32	1.43	91	84	88
PER	103	1.20	87	1.01	94	92	99
URU	10	1.22	8	0.98	88	63	41
USA	NR	NR	NR	NR	NR	NR	NR
VEN	101	1.32	89	1.17	100	93	84
Total§	2244	1.34	1888	1.13	92	81	92

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

SITE	TOTAL 2003	Cumulative	
		2003	2004
ARG	0	0	0
BOL	0	0	0
BRA	0	0	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	0	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	0	0	0
HAI	0	0	0
HON	0	0	0
MEX	0	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	0	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
Total	0	0	0

CAR Includes reports from all CAREC member countries

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

SITE	TOTAL 2003	Cumulative	
		2003	2004
ARG	0	0	0
BOL	2	2	0
BRA	2	2	0
CAN	0	0	0
CAR	0	0	0
CHI	0	0	0
COL	0	0	0
COR	0	0	0
CUB	0	0	0
DOR	0	0	0
ECU	0	0	0
ELS	0	0	0
GUT	1	1	0
HAI	0	0	0
HON	0	0	0
MEX	0	0	0
NIC	0	0	0
PAN	0	0	0
PAR	0	0	0
PER	0	0	0
URU	0	0	0
USA	0	0	0
VEN	0	0	0
Total	5	5	0

CAR Includes reports from all CAREC member countries

+ Taken within 14 days of onset of paralysis  
§ Excluding Canada and USA

NR - No reporting