



POLIO HAS BEEN ERADICATED FROM THE AMERICAS
The last wild poliovirus was detected on September 5 1991, in Peru

Poliovirus Surveillance in the Americas

Table No.1
Status of Case Stool Sample Analysis
Last 52 Weeks (2010/01- 2010/52)

| Lab. | Country | Total* | WITHOUT RESULTS | | | ENTEROVIRUS ISOLATION | | | | | |
|-------|---------|--------|-----------------|----------|----------|-----------------------|----------|-------------------|---------|--------------------|------|
| | | | Not yet in lab. | <28 days | >28 Days | % Isolation | Negative | Other Enterovirus | Pending | Poliovirus Vaccine | Wild |
| CAR | BAR | 1 | 0 | 0 | 0 | 0.0 | 1 | 0 | 0 | 0 | 0 |
| | BLZ | 2 | 0 | 0 | 2 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| | DOR | 27 | 2 | 0 | 0 | 0.0 | 25 | 0 | 0 | 0 | 0 |
| | GUY | 1 | 1 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| | HAI | 2 | 2 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| | HON | 75 | 10 | 0 | 0 | 12.3 | 57 | 8 | 0 | 0 | 0 |
| | JAM | 8 | 0 | 0 | 2 | 0.0 | 6 | 0 | 0 | 0 | 0 |
| | NIC | 14 | 0 | 0 | 0 | 21.4 | 11 | 3 | 0 | 0 | 0 |
| | PAN | 6 | 0 | 0 | 0 | 0.0 | 6 | 0 | 0 | 0 | 0 |
| | SUR | 1 | 0 | 0 | 0 | 0.0 | 1 | 0 | 0 | 0 | 0 |
| TRT | 1 | 1 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 | |
| CDC | ELS | 43 | 0 | 0 | 0 | 0.0 | 43 | 0 | 0 | 0 | 0 |
| | GUT | 25 | 0 | 0 | 0 | 0.0 | 25 | 0 | 0 | 0 | 0 |
| FIO | BRA | 326 | 85 | 0 | 5 | 8.5 | 216 | 16 | 0 | 4 | 0 |
| | PER | 25 | 14 | 0 | 1 | 10.0 | 9 | 0 | 0 | 1 | 0 |
| IEC | BRA | 62 | 5 | 0 | 3 | 3.7 | 52 | 2 | 0 | 0 | 0 |
| INDRE | MEX | 403 | 1 | 8 | 17 | 10.3 | 338 | 33 | 0 | 6 | 0 |
| INH | ECU | 1 | 0 | 0 | 0 | 0.0 | 1 | 0 | 0 | 0 | 0 |
| | VEN | 34 | 1 | 0 | 0 | 0.0 | 33 | 0 | 0 | 0 | 0 |
| INS | COL | 135 | 0 | 2 | 0 | 6.0 | 125 | 8 | 0 | 0 | 0 |
| | COR | 9 | 7 | 0 | 0 | 50.0 | 1 | 1 | 0 | 0 | 0 |
| | ECU | 27 | 3 | 0 | 0 | 8.3 | 22 | 1 | 0 | 1 | 0 |
| IPK | CUB | 20 | 20 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| ISP | CHI | 46 | 0 | 0 | 0 | 2.2 | 45 | 1 | 0 | 0 | 0 |
| MAL | ARG | 103 | 0 | 0 | 0 | 17.5 | 85 | 5 | 0 | 13 | 0 |
| | BOL | 39 | 4 | 0 | 0 | 2.9 | 34 | 1 | 0 | 0 | 0 |
| | CHI | 32 | 0 | 0 | 0 | 0.0 | 32 | 0 | 0 | 0 | 0 |
| | PAR | 16 | 13 | 0 | 0 | 0.0 | 3 | 0 | 0 | 0 | 0 |
| TOTAL | | 1484 | 169 | 10 | 30 | 8.1 | 1171 | 79 | 0 | 25 | 0 |

* Each sample relates to an individual

Case samples only

Table No.2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (2010/01- 2010/52)

| LAB | COUNTRY | POLIOVIRUS | | | | | | | | | | | | TOTAL |
|-------|---------|----------------|----|----|-----|------------------|----|----|-----|------------------|----|----|-----|-------|
| | | NOT YET IN LAB | | | | IN LAB < 4 Weeks | | | | IN LAB > 4 Weeks | | | | |
| | | P1 | P2 | P3 | MIX | P1 | P2 | P3 | MIX | P1 | P2 | P3 | MIX | |
| TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 25, No. 52

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

| Cntry | TOTAL | CUM. | Week | | | | | | | | | | | | | | | |
|-------|-------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|----|
| | 2009 | 2010 | 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 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BOL | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 |
| BRA | 0 | 116 | 9 | 4 | 12 | 6 | 8 | 7 | 10 | 9 | 11 | 15 | 16 | 8 | 1 | 0 | 0 | 0 |
| CAN | 0 | 5 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| CAR | 0 | 15 | 0 | 1 | 2 | 0 | 0 | 3 | 1 | 2 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| CHI | 0 | 15 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 3 | 4 | 1 | 0 | 0 | 2 |
| COL | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 2 | 0 | 3 | 0 | 1 | 3 |
| COR | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CUB | 0 | 22 | 2 | 1 | 1 | 0 | 1 | 0 | 3 | 1 | 3 | 6 | 2 | 1 | 1 | 0 | 0 | 0 |
| DOR | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 1 | 2 | 0 | 5 | 1 | 0 | 0 | 0 |
| ECU | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| ELS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GUT | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 1 | 1 | 0 |
| HAI | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HON | 0 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 0 | 0 | 0 |
| MEX | 0 | 157 | 12 | 6 | 6 | 3 | 4 | 8 | 14 | 4 | 20 | 36 | 25 | 16 | 1 | 2 | 0 | 0 |
| NIC | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | 1 | 0 | 0 |
| PAN | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| PAR | 0 | 15 | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 1 | 1 | 0 | 2 | 2 | 1 | 0 | 1 | 0 |
| PER | 0 | 17 | 0 | 0 | 2 | 4 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| URU | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| USA | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| VEN | 0 | 7 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 434 | 25 | 13 | 26 | 13 | 16 | 32 | 38 | 23 | 53 | 64 | 57 | 46 | 13 | 5 | 4 | 6 |

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 2009 | | Last 52 weeks (2010/01- 2010/52) | | | | |
|--------|------------|------|----------------------------------|------|-----------------|-------------|-------------------|
| | CASES | RATE | CASES | RATE | % INV. <48 hrs. | %1 Sam-ple+ | % Sites Reporting |
| ARG | 138 | 1.36 | 117 | 1.15 | 56 | 69 | 94 |
| BOL | 46 | 1.27 | 39 | 1.08 | 92 | 95 | 77 |
| BRA | 547 | 1.11 | 427 | 0.86 | 97 | 80 | 94 |
| CAN | 62 | 1.10 | 20 | 0.36 | NR | NR | NR |
| CAR | 21 | 1.04 | 22 | 1.09 | 77 | 32 | 100 |
| CHI | 98 | 2.54 | 97 | 2.51 | 77 | 72 | 97 |
| COL | 168 | 1.28 | 145 | 1.11 | 92 | 81 | 78 |
| COR | 18 | 1.58 | 12 | 1.05 | ... | 67 | ... |
| CUB | 26 | 1.29 | 22 | 1.09 | 100 | 91 | 100 |
| DOR | 25 | 0.79 | 30 | 0.91 | 63 | 70 | 72 |
| ECU | 34 | 0.79 | 30 | 0.70 | 93 | 83 | 95 |
| ELS | 67 | 2.86 | 59 | 2.52 | 100 | 78 | ... |
| GUT | 35 | 0.60 | 34 | 0.58 | 85 | 88 | 44 |
| HAI | 1 | 0.02 | 4 | 0.10 | 100 | 25 | 99 |
| HON | 69 | 2.04 | 75 | 2.22 | 88 | 96 | 93 |
| MEX | 405 | 1.28 | 475 | 1.51 | 96 | 74 | 92 |
| NIC | 18 | 0.89 | 30 | 1.49 | 100 | 53 | 100 |
| PAN | 10 | 1.00 | 8 | 0.80 | 75 | 100 | 88 |
| PAR | 22 | 1.10 | 18 | 0.90 | 78 | 78 | 90 |
| PER | 91 | 1.09 | 27 | 0.32 | 96 | 89 | 85 |
| URU | 4 | 0.52 | 1 | 0.13 | ... | ... | 4 |
| USA | NR | NR | NR | NR | NR | NR | NR |
| VEN | 41 | 0.49 | 41 | 0.49 | 90 | 73 | 86 |
| Total§ | 1946 | 1.16 | 1733 | 1.03 | 91 | 77 | 89 |

Table No.3
CONFIRMED POLIO CASES
BY WEEK OF ONSET

| SITE | TOTAL 2009 | Cumulative | |
|-------|------------|------------|------|
| | | 2009 | 2010 |
| 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 |

Table No.4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

| SITE | TOTAL 2009 | Cumulative | |
|-------|------------|------------|------|
| | | 2009 | 2010 |
| ARG | 1 | 1 | 0 |
| BOL | 0 | 0 | 0 |
| BRA | 0 | 0 | 0 |
| CAN | 0 | 0 | 0 |
| CAR | 0 | 0 | 0 |
| CHI | 0 | 0 | 0 |
| COL | 4 | 4 | 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 | 5 | 5 | 0 |

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

... - No data
NR - No reporting

CAR includes reports from all CAREC member countries

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