



Vol. 23, No. 5

Week ending
2 February 2008

Poliovirus Surveillance in the Americas

Table No.1
Status of Case Stool Sample Analysis
Last 52 Weeks (2007/06- 2008/05)

| Lab. | Country | Total* | WITHOUT RESULTS | | | ENTEROVIRUS ISOLATION | | | | | |
|--------------|---------|--------|-----------------|----------|----------|-----------------------|----------|-------------------|---------|------------|------|
| | | | Not yet in lab. | <28 days | >28 days | % Isolation | Negative | Other Enterovirus | Pending | Poliovirus | |
| | | | | | | | | | | Vaccine | Wild |
| CAR | BAH | 2 | 0 | 0 | 0 | 0.0 | 2 | 0 | 0 | 0 | 0 |
| | BAR | 1 | 0 | 0 | 0 | 0.0 | 1 | 0 | 0 | 0 | 0 |
| | BLZ | 1 | 0 | 0 | 0 | 100.0 | 0 | 1 | 0 | 0 | 0 |
| | DOR | 4 | 0 | 0 | 0 | 0.0 | 4 | 0 | 0 | 0 | 0 |
| | GUY | 8 | 0 | 0 | 0 | 0.0 | 8 | 0 | 0 | 0 | 0 |
| | HAI | 11 | 0 | 0 | 0 | 0.0 | 11 | 0 | 0 | 0 | 0 |
| | HON | 56 | 7 | 8 | 0 | 22.0 | 32 | 9 | 0 | 0 | 0 |
| | JAM | 13 | 0 | 0 | 0 | 0.0 | 13 | 0 | 0 | 0 | 0 |
| | NIC | 22 | 3 | 0 | 0 | 15.8 | 16 | 3 | 0 | 0 | 0 |
| | PAN | 8 | 0 | 0 | 0 | 0.0 | 8 | 0 | 0 | 0 | 0 |
| | TRT | 3 | 0 | 0 | 0 | 0.0 | 3 | 0 | 0 | 0 | 0 |
| CDC | DOR | 1 | 0 | 0 | 0 | 100.0 | 0 | 0 | 0 | 1 | 0 |
| | GUT | 29 | 0 | 0 | 0 | 24.1 | 22 | 7 | 0 | 0 | 0 |
| FIO | BRA | 356 | 82 | 0 | 6 | 9.3 | 243 | 21 | 0 | 4 | 0 |
| | PER | 64 | 22 | 0 | 0 | 11.9 | 37 | 5 | 0 | 0 | 0 |
| IEC | BRA | 88 | 17 | 0 | 7 | 3.1 | 62 | 1 | 0 | 1 | 0 |
| INC | ELS | 24 | 0 | 0 | 0 | 45.8 | 13 | 11 | 0 | 0 | 0 |
| | GUT | 31 | 0 | 0 | 0 | 12.9 | 27 | 4 | 0 | 0 | 0 |
| INDRE | MEX | 417 | 0 | 14 | 5 | 13.8 | 343 | 51 | 0 | 4 | 0 |
| INH | VEN | 44 | 0 | 0 | 4 | 20.0 | 32 | 8 | 0 | 0 | 0 |
| INS | COL | 145 | 0 | 13 | 0 | 16.7 | 110 | 22 | 0 | 0 | 0 |
| | COR | 26 | 0 | 1 | 24 | 100.0 | 0 | 0 | 0 | 1 | 0 |
| | ECU | 33 | 1 | 0 | 0 | 9.4 | 29 | 3 | 0 | 0 | 0 |
| IPK | CUB | 18 | 18 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| ISP | CHI | 61 | 0 | 1 | 3 | 12.3 | 50 | 7 | 0 | 0 | 0 |
| MAL | ARG | 119 | 0 | 6 | 2 | 18.9 | 90 | 8 | 0 | 13 | 0 |
| | BOL | 23 | 1 | 3 | 0 | 31.6 | 13 | 3 | 0 | 3 | 0 |
| | PAR | 22 | 5 | 0 | 1 | 6.3 | 15 | 1 | 0 | 0 | 0 |
| | URU | 8 | 0 | 0 | 0 | 12.5 | 7 | 0 | 0 | 1 | 0 |
| TOTAL | | 1638 | 156 | 46 | 52 | 13.9 | 1191 | 165 | 0 | 28 | 0 |

* Each sample relates to an individual

Case samples only

Table No.2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (2007/06- 2008/05)

| 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

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

ALL Issues of polio weekly surveillance bulletin can be accessed at:
<http://www.paho.org/english/ad/fch/im/poliomyelitis.htm>



Acute Flaccid Paralysis Surveillance

Vol. 23, No. 5

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

| SITE | TOTAL | CUM. | Week | | | | |
|-------|-------|------|------|----|----|----|---|
| | 2007 | 2008 | 1 | 2 | 3 | 4 | 5 |
| ARG | 2 | 7 | 2 | 2 | 1 | 2 | 0 |
| BOL | 2 | 3 | 0 | 0 | 2 | 1 | 0 |
| BRA | 131 | 5 | 3 | 2 | 0 | 0 | 0 |
| CAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CAR | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHI | 11 | 3 | 3 | 0 | 0 | 0 | 0 |
| COL | 1 | 14 | 3 | 2 | 5 | 2 | 2 |
| COR | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| CUB | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| DOR | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECU | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| ELS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GUT | 13 | 3 | 0 | 1 | 1 | 0 | 1 |
| HAI | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| HON | 7 | 8 | 1 | 1 | 1 | 5 | 0 |
| MEX | 72 | 28 | 6 | 12 | 6 | 4 | 0 |
| NIC | 3 | 2 | 0 | 0 | 0 | 1 | 1 |
| PAN | 0 | 3 | 0 | 0 | 3 | 0 | 0 |
| PAR | 4 | 2 | 0 | 1 | 0 | 0 | 1 |
| PER | 16 | 7 | 2 | 2 | 1 | 2 | 0 |
| URU | 10 | 2 | 1 | 1 | 0 | 0 | 0 |
| USA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VEN | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 312 | 89 | 22 | 24 | 21 | 17 | 5 |

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 2007 | | Last 52 weeks (2007/06 - 2008/05) | | | | |
|--------|------------|------|-----------------------------------|------|-----------------|-------------|-------------------|
| | CASES | RATE | CASES | RATE | % INV. <48 hrs. | % 1 Sample+ | % Sites Reporting |
| ARG | 133 | 1.30 | 129 | 1.26 | 88 | 83 | 94 |
| BOL | 23 | 0.63 | 24 | 0.66 | 88 | 83 | 78 |
| BRA | 550 | 1.01 | 494 | 0.90 | 98 | 74 | 94 |
| CAN | 20 | 0.36 | NR | NR | NR | NR | NR |
| CAR | 40 | 1.98 | 38 | 1.88 | 87 | 42 | 99 |
| CHI | 84 | 1.95 | 71 | 1.65 | 85 | 72 | 99 |
| COL | 149 | 1.17 | 150 | 1.18 | 67 | 80 | 87 |
| COR | 32 | 2.60 | 33 | 2.68 | 91 | 70 | ... |
| CUB | 21 | 0.96 | 18 | 0.83 | 100 | 89 | 100 |
| DOR | 16 | 0.50 | 13 | 0.41 | 62 | 85 | 82 |
| ECU | 39 | 0.91 | 35 | 0.81 | 94 | 80 | 61 |
| ELS | 44 | 1.88 | 39 | 1.67 | 97 | 90 | 76 |
| GUT | 84 | 1.84 | 78 | 1.71 | 86 | 79 | ... |
| HAI | 12 | 0.30 | 11 | 0.27 | 100 | 82 | 83 |
| HON | 56 | 1.87 | 56 | 1.87 | 95 | 93 | 94 |
| MEX | 463 | 1.47 | 447 | 1.42 | 96 | 82 | 96 |
| NIC | 26 | 1.27 | 24 | 1.17 | 100 | 92 | 100 |
| PAN | 11 | 1.10 | 11 | 1.10 | 64 | 82 | 91 |
| PAR | 20 | 1.00 | 22 | 1.10 | 82 | 68 | 90 |
| PER | 66 | 0.78 | 64 | 0.76 | 95 | 91 | ... |
| URU | 12 | 1.47 | 12 | 1.47 | 33 | 50 | 21 |
| USA | NR | NR | NR | NR | NR | NR | NR |
| VEN | 51 | 0.61 | 44 | 0.53 | 91 | 77 | 78 |
| Total§ | 1952 | 1.14 | 1813 | 1.09 | 91 | 78 | 90 |

Table No.3
CONFIRMED POLIO CASES
BY WEEK OF ONSET

| SITE | TOTAL 2007 | AS OF WEEK 5 | |
|-------|------------|--------------|------|
| | | Cumulative | |
| | | 2007 | 2008 |
| 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 2007 | AS OF WEEK 5 | |
|-------|------------|--------------|------|
| | | Cumulative | |
| | | 2007 | 2008 |
| 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 |

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

... - No data
NR - No reporting

CAR includes reports from all CAREC member countries

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