



**PAN AMERICAN HEALTH ORGANIZATION**  
**PAN AMERICAN HEALTH SANITARY BUREAU REGIONAL OFFICE OF THE**  
**WORLD HEALTH ORGANIZATION**



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

*Weekly Bulletin for the week*  
*ending 5 August 2000*

Vol. 15, No. 31

**Poliovirus Surveillance**

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

**Table No. 1**  
**Status of Case Stool Sample Analysis**  
**Last 52 Weeks (1999/32 - 2000/31)**

| Lab.  | Country | Total* | WITHOUT RESULTS |           |           | ENTEROVIRUS ISOLATION |          |                   |         |                    |      |
|-------|---------|--------|-----------------|-----------|-----------|-----------------------|----------|-------------------|---------|--------------------|------|
|       |         |        | Not yet in Lab. | <10 weeks | >10 weeks | % Isolation           | Negative | Other Enterovirus | Pending | Poliovirus Vaccine | Wild |
| BEL   | BRA     | 43     | 12              | 0         | 3         | 17.9                  | 23       | 3                 | 0       | 2                  | 0    |
| CAR   | DOR     | 11     | 3               | 0         | 0         | 12.5                  | 7        | 1                 | 0       | 0                  | 0    |
|       | GUY     | 1      | 0               | 0         | 0         | 100.0                 | 0        | 1                 | 0       | 0                  | 0    |
|       | HON     | 47     | 6               | 2         | 0         | 20.5                  | 31       | 8                 | 0       | 0                  | 0    |
|       | JAM     | 1      | 0               | 0         | 0         | 0.0                   | 1        | 0                 | 0       | 0                  | 0    |
|       | SUR     | 1      | 0               | 0         | 0         | 0.0                   | 1        | 0                 | 0       | 0                  | 0    |
|       | TRT     | 7      | 1               | 1         | 0         | 0.0                   | 5        | 0                 | 0       | 0                  | 0    |
| FIO   | BOL     | 11     | 4               | 0         | 0         | 28.6                  | 5        | 1                 | 0       | 1                  | 0    |
|       | BRA     | 85     | 31              | 5         | 1         | 18.8                  | 39       | 8                 | 0       | 1                  | 0    |
|       | PER     | 97     | 24              | 0         | 0         | 12.3                  | 64       | 9                 | 0       | 0                  | 0    |
| INC   | COR     | 8      | 4               | 0         | 3         | 100.0                 | 0        | 1                 | 0       | 0                  | 0    |
|       | ELS     | 51     | 7               | 1         | 1         | 7.1                   | 39       | 3                 | 0       | 0                  | 0    |
|       | GUT     | 57     | 0               | 14        | 5         | 10.5                  | 34       | 2                 | 0       | 2                  | 0    |
|       | NIC     | 17     | 0               | 2         | 0         | 20.0                  | 12       | 3                 | 0       | 0                  | 0    |
|       | PAN     | 3      | 2               | 0         | 0         | 0.0                   | 1        | 0                 | 0       | 0                  | 0    |
| INDRE | MEX     | 334    | 6               | 0         | 44        | 7.7                   | 262      | 21                | 0       | 1                  | 0    |
| INH   | VEN     | 93     | 4               | 0         | 0         | 10.1                  | 80       | 8                 | 1       | 0                  | 0    |
| INS   | COL     | 168    | 8               | 5         | 2         | 9.2                   | 139      | 10                | 0       | 4                  | 0    |
|       | ECU     | 31     | 0               | 0         | 0         | 6.5                   | 29       | 1                 | 0       | 1                  | 0    |
| ISP   | CHI     | 98     | 2               | 6         | 1         | 7.9                   | 82       | 6                 | 0       | 1                  | 0    |
| MAL   | ARG     | 95     | 0               | 18        | 3         | 17.6                  | 61       | 13                | 0       | 0                  | 0    |
|       | PAR     | 12     | 4               | 0         | 0         | 0.0                   | 8        | 0                 | 0       | 0                  | 0    |
| REC   | BRA     | 68     | 37              | 2         | 9         | 10.0                  | 18       | 1                 | 0       | 1                  | 0    |
| TOTAL |         | 1339   | 155             | 56        | 72        | 10.9                  | 941      | 100               | 1       | 14                 | 0    |

\* Each sample relates to an individual

Case samples only

**Table No. 2**  
**Status of Poliovirus Pending Intratypic Differentiation**  
**Last 52 Weeks (1999/32 - 2000/31)**

| 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 |       |   |
|       | VEN     | 0              | 1  | 0  | 0   | 0                | 0  | 0  | 0   | 0                | 0  | 0  | 0   | 0     | 1 |
| TOTAL |         | 0              | 1  | 0  | 0   | 0                | 0  | 0  | 0   | 0                | 0  | 0  | 0   | 0     | 1 |

Case samples only



# Acute Flaccid Paralysis Surveillance

Vol. 15, No.31

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

| SITE  | TOTAL 1999 | CUM. 2000 | Week |     |      |       |       |       |    |    |    |    |    |    |    |
|-------|------------|-----------|------|-----|------|-------|-------|-------|----|----|----|----|----|----|----|
|       |            |           | 1-4  | 5-8 | 9-12 | 13-16 | 17-20 | 21-24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ARG   | 0          | 30        | 0    | 2   | 0    | 2     | 3     | 1     | 3  | 1  | 4  | 5  | 6  | 1  | 2  |
| BOL   | 9          | 13        | 0    | 1   | 1    | 0     | 4     | 4     | 0  | 2  | 0  | 1  | 0  | 0  | 0  |
| BRA   | 45         | 119       | 12   | 15  | 21   | 28    | 15    | 17    | 2  | 5  | 3  | 0  | 1  | 0  | 0  |
| CAN   | NR         | NR        | NR   | NR  | NR   | NR    | NR    | NR    | NR | NR | NR | NR | NR | NR | NR |
| CAR   | 1          | 6         | 1    | 0   | 3    | 0     | 2     | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| CHI   | 5          | 23        | 2    | 1   | 1    | 2     | 2     | 1     | 1  | 1  | 4  | 2  | 1  | 4  | 1  |
| COL   | 3          | 37        | 0    | 1   | 8    | 3     | 4     | 7     | 2  | 3  | 2  | 2  | 3  | 2  | 0  |
| COR   | 7          | 9         | 0    | 0   | 0    | 2     | 1     | 3     | 1  | 0  | 0  | 0  | 2  | 0  | NR |
| CUB   | 23         | 13        | 2    | 4   | 2    | 3     | 0     | 2     | 0  | 0  | 0  | 0  | 0  | 0  | NR |
| DOR   | 0          | 7         | 0    | 0   | 0    | 0     | 0     | 2     | 2  | 1  | 0  | 0  | 0  | 2  | 0  |
| ECU   | 0          | 10        | 0    | 0   | 0    | 0     | 2     | 2     | 1  | 1  | 4  | 0  | 0  | 0  | 0  |
| ELS   | 9          | 8         | 0    | 0   | 0    | 0     | 0     | 3     | 3  | 1  | 1  | 0  | 0  | 0  | 0  |
| GUT   | 4          | 12        | 0    | 0   | 0    | 0     | 0     | 2     | 3  | 3  | 4  | 0  | 0  | 0  | NR |
| HAI   | 0          | 1         | 0    | 1   | 0    | 0     | 0     | NR    | NR | NR | NR | NR | NR | NR | NR |
| HON   | 10         | 9         | 0    | 0   | 0    | 2     | 1     | 3     | 0  | 0  | 1  | 0  | 2  | 0  | 0  |
| MEX   | 78         | 69        | 23   | 24  | 17   | 5     | 0     | NR    | NR | NR | NR | NR | NR | NR | NR |
| NIC   | 1          | 3         | 0    | 0   | 0    | 0     | 0     | 1     | 0  | 1  | 1  | 0  | 0  | 0  | 0  |
| PAN   | 9          | 0         | 0    | 0   | 0    | 0     | 0     | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| PAR   | 16         | 2         | 2    | 0   | 0    | 0     | 0     | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| PER   | 0          | 25        | 0    | 0   | 3    | 4     | 8     | 6     | 4  | 0  | 0  | 0  | 0  | 0  | 0  |
| URU   | 4          | 2         | 0    | 1   | 0    | 1     | 0     | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| USA   | NR         | NR        | NR   | NR  | NR   | NR    | NR    | NR    | NR | NR | NR | NR | NR | NR | NR |
| VEN   | 0          | 11        | 0    | 0   | 0    | 0     | 0     | 1     | 1  | 3  | 0  | 1  | 1  | 4  | 0  |
| TOTAL | 224        | 409       | 42   | 50  | 56   | 52    | 42    | 55    | 23 | 22 | 24 | 11 | 16 | 13 | 3  |

NR - No reports

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

| SITE   | TOTAL 1999 |      | Last 52 weeks (1999/32-2000/31) |      |                 |             |                     |
|--------|------------|------|---------------------------------|------|-----------------|-------------|---------------------|
|        | CASES      | RATE | CASES                           | RATE | % INV. <48 hrs. | % 1 Sample+ | % Sites Report- ing |
| ARG    | 104        | 1.01 | 115                             | 1.12 | 92              | 66          | 100                 |
| BOL    | 30         | 0.93 | 20                              | 0.62 | 90              | 80          | 72                  |
| BRA    | 438        | 0.79 | 336                             | 0.61 | 82              | 40          | 65                  |
| CAN    | NR         | ...  | NR                              | ...  | ...             | ...         | ...                 |
| CAR    | 20         | 0.90 | 13                              | 0.59 | 54              | 54          | 86                  |
| CHI    | 89         | 2.08 | 102                             | 2.39 | 70              | 86          | 99                  |
| COL    | 189        | 1.38 | 175                             | 1.28 | 82              | 81          | 85                  |
| COR    | 31         | 2.25 | 23                              | 1.67 | 91              | 30          | 13                  |
| CUB    | 23         | 0.93 | 16                              | 0.65 | 100             | 88          | 77                  |
| DOR    | 10         | 0.31 | 19                              | 0.60 | 89              | 53          | 59                  |
| ECU    | 49         | 1.15 | 41                              | 0.96 | 90              | 93          | 85                  |
| ELS    | 71         | 3.21 | 58                              | 2.62 | 60              | 78          | 64                  |
| GUT    | 61         | 1.25 | 66                              | 1.35 | 95              | 77          | 64                  |
| HAI    | 3          | 0.12 | 4                               | 0.16 | 0               | 0           | 24                  |
| HON    | 46         | 1.83 | 47                              | 1.87 | 96              | 79          | 91                  |
| MEX    | 769        | 2.31 | 385                             | 1.16 | 96              | 78          | 63                  |
| NIC    | 30         | 1.36 | 21                              | 0.95 | 95              | 100         | 100                 |
| PAN    | 8          | 0.90 | 3                               | 0.34 | 67              | 100         | 78                  |
| PAR    | 36         | 1.68 | 20                              | 0.93 | 60              | 20          | 84                  |
| PER    | 117        | 1.37 | 98                              | 1.15 | 98              | 96          | 84                  |
| URU    | 5          | 0.39 | 4                               | 0.31 | 25              | 0           | 0                   |
| USA    | NR         | ...  | NR                              | ...  | ...             | ...         | ...                 |
| VEN    | 94         | 1.15 | 100                             | 1.22 | 94              | 92          | 84                  |
| TOTAL♦ | 2223       | 1.32 | 1662                            | 0.98 | 87              | 71          | 77                  |

+ Taken within 14 days of onset of paralysis

♦ Excluding Canada and USA

NR or ... No reports received

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

| SITE  | TOTAL 1999 | AS OF WEEK 31 CUMULATIVE |      |
|-------|------------|--------------------------|------|
|       |            | 1999                     | 2000 |
| 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 1999 | AS OF WEEK 31 CUMULATIVE |      |
|-------|------------|--------------------------|------|
|       |            | 1999                     | 2000 |
| 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          | 1                        | 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 | 2          | 1                        | 0    |

CAR Includes reports from all CAREC member countries

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