



## Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 21 November 2015

**Table No.1**  
Expected and reported AFP cases, 2015

| Sub Region   | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2015/46 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND          | BOL     | 3,830,147             | 38                 | 26                         |
|              | COL     | 12,900,000            | 129                | 108                        |
|              | ECU     | 4,982,359             | 50                 | 22                         |
|              | PER     | 9,308,490             | 93                 | 55                         |
|              | VEN     | 8,569,000             | 86                 | 63                         |
| BRA          | BRA     | 47,062,224            | 471                | 242                        |
| CAP          | CRI     | 1,121,000             | 11                 | 19                         |
|              | GTM     | 4,229,000             | 42                 | 15                         |
|              | HND     | 3,155,746             | 32                 | 56                         |
|              | NIC     | 2,019,000             | 20                 | 9                          |
|              | PAN     | 1,087,657             | 11                 | 12                         |
| SLV          | SLV     | 1,827,000             | 18                 | 10                         |
|              | CAR     | CAR                   | 2,019,000          | 20                         |
| LAC          | CUB     | 1,929,000             | 19                 | 5                          |
|              | DOM     | 3,023,000             | 30                 | 6                          |
|              | HTI     | 3,919,255             | 39                 | 11                         |
| MEX          | MEX     | 34,583,967            | 346                | 482                        |
| NOA          | CAN     | 5,645,000             | 56                 | 12                         |
|              | USA     | 60,921,000            | NR                 | NR                         |
| SOC          | ARG     | 10,165,000            | 102                | 170                        |
|              | CHL     | 3,863,000             | 39                 | 54                         |
|              | PRY     | 2,181,224             | 22                 | 25                         |
|              | URY     | 772,000               | 8                  | 3                          |
| <b>Total</b> |         | <b>229,113,069</b>    | <b>1682</b>        | <b>1413</b>                |

**Table No.2**  
AFP cases under investigation (All ages)

| Country      | Total 2014 | Cumm. 2015 | Week       |          |          |          |          |          |          |          |          |          |          |  |  |
|--------------|------------|------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|
|              |            |            | 1-38       | 39       | 40       | 41       | 42       | 43       | 44       | 45       | 46       |          |          |  |  |
| BOL          | 0          | 8          | 6          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 0        |  |  |
| COL          | 0          | 11         | 9          | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| ECU          | 0          | 1          | 1          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| PER          | 0          | 9          | 7          | 0        | 1        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | ...      |  |  |
| VEN          | 0          | 5          | 3          | 1        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | ...      |  |  |
| BRA          | 0          | 73         | 72         | 1        | 0        | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      |  |  |
| CRI          | 0          | 4          | 3          | 0        | 0        | 1        | 0        | 0        | 0        | 0        | ...      | ...      | ...      |  |  |
| GTM          | 0          | 14         | 14         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| HND          | 0          | 3          | 0          | 0        | 0        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | ...      |  |  |
| NIC          | 0          | 1          | 1          | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      |  |  |
| PAN          | 0          | 9          | 8          | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | ...      |  |  |
| SLV          | 0          | 7          | 7          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | ...      | ...      | ...      |  |  |
| CAR          | 0          | 1          | 0          | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| CUB          | 0          | 1          | 1          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| DOM          | 0          | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | ...      | ...      | ...      | ...      |  |  |
| HTI          | 0          | 5          | 5          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| MEX          | 0          | 6          | 1          | 0        | 0        | 0        | 1        | 0        | 1        | 3        | ...      | ...      | ...      |  |  |
| CAN          | 0          | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| USA          | NR         | NR         | NR         | NR       | NR       | NR       | NR       | NR       | NR       | NR       | NR       | NR       | NR       |  |  |
| ARG          | 0          | 3          | 1          | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| CHL          | 0          | 29         | 24         | 2        | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| PRY          | 0          | 15         | 14         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |  |  |
| URY          | 0          | 1          | 1          | 0        | 0        | 0        | 0        | ...      | ...      | ...      | ...      | ...      | ...      |  |  |
| <b>Total</b> | <b>0</b>   | <b>206</b> | <b>178</b> | <b>6</b> | <b>6</b> | <b>7</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>4</b> | <b>0</b> | <b>0</b> | <b>0</b> |  |  |

\*As reported by countries

NR - No reporting

... - No data

**Table No.3**  
Confirmed and compatible polio cases, and AFP surveillance indicators, 2015 and 2014

| Sub Region               | Country | Polio 2015 |            | AFP Cases and indicators, last 52 weeks (2014/48 - 2015/46) |             |                 |                |                   | Polio 2014 |            | AFP Cases and indicators, 2014 (2014/1 - 2014/53) |             |                 |                |                   |
|--------------------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|---|-------------|-----------------|----------------|-------------------|
|                          |         | Confirmed  | Compatible | Cases   | Rate        | % Inv. <48 hrs. | % Adeq. spec.* | % Sites reporting | Confirmed  | Compatible | Cases   | Rate        | % Inv. <48 hrs. | % Adeq. spec.* | % Sites reporting |
| AND                      | BOL     | 0          | 0          | 27  | 0.70        | 85              | 93             | 83                | 0          | 0          | 41  | 1.07        | 95              | 79             | 83                |
|                          | COL     | 0          | 0          | 128   | 0.99        | 55              | 80             | 91                | 0          | 0          | 166   | 1.29        | 25              | 81             | 92                |
|                          | ECU     | 0          | 0          | 25  | 0.50        | 52              | 96             | ...               | 0          | 0          | 22  | 0.44        | ...             | 68             | ...               |
|                          | PER     | 0          | 0          | 59  | 0.63        | 83              | 66             | ...               | 0          | 0          | 58  | 0.62        | 57              | 62             | 88                |
|                          | VEN     | 0          | 0          | 66  | 0.77        | 79              | 76             | 8                 | 0          | 0          | 64  | 0.75        | 97              | 88             | ...               |
| BRA                      | BRA     | 0          | 0          | 273   | 0.58        | 96              | 72             | ...               | 0          | 0          | 444   | 0.94        | 95              | 69             | 80                |
| CAP                      | CRI     | 0          | 0          | 19  | 1.69        | 42              | 100            | ...               | 0          | 0          | 18  | 1.61        | 56              | 94             | ...               |
|                          | GTM     | 0          | 0          | 16  | 0.38        | ...             | 75             | 79                | 0          | 0          | 31  | 0.73        | 6               | 61             | 60                |
|                          | HND     | 0          | 0          | 69  | 2.19        | 22              | 84             | 89                | 0          | 0          | 60  | 1.90        | 28              | 90             | 90                |
|                          | NIC     | 0          | 0          | 11  | 0.54        | 91              | 91             | 100               | 0          | 0          | 28  | 1.39        | 82              | 100            | 100               |
|                          | PAN     | 0          | 0          | 13  | 1.20        | 38              | 85             | 84                | 0          | 0          | 14  | 1.29        | 64              | 71             | 75                |
| SLV                      | 0       | 0          | 13         | 0.71  | 31          | 69              | 54             | 0                 | 0          | 50         | 2.74  | 58          | 84              | 50             |                   |
| CAR                      | CAR     | 0          | 0          | 8   | 0.40        | 50              | 38             | 83                | 0          | 0          | 10  | 0.50        | 60              | 60             | 72                |
| LAC                      | CUB     | 0          | 0          | 5   | 0.26        | 100             | 80             | 100               | 0          | 0          | 10  | 0.52        | 100             | 80             | 100               |
|                          | DOM     | 0          | 0          | 7   | 0.23        | 0               | 86             | 69                | 0          | 0          | 23  | 0.76        | 9               | 78             | 49                |
| HTI                      | 0       | 0          | 15         | 0.38  | 67          | 60              | 92             | 0                 | 0          | 22         | 0.54  | 71          | 52              | 67             |                   |
| MEX                      | MEX     | 0          | 0          | 540   | 1.56        | 99              | 76             | ...               | 0          | 0          | 599   | 1.73        | 99              | 80             | ...               |
| NOA                      | CAN     | 0          | 0          | 15  | 0.27        | ...             | 20             | ...               | 0          | 0          | 28  | 0.50        | ...             | 7              | ...               |
|                          | USA     | 0          | 0          | NR  | NR          | NR              | NR             | NR                | 0          | 0          | NR  | NR          | NR              | NR             | NR                |
| SOC                      | ARG     | 0          | 0          | 183   | 1.80        | 58              | 81             | 86                | 0          | 0          | 213   | 2.10        | 53              | 83             | 87                |
|                          | CHL     | 0          | 0          | 58  | 1.50        | 47              | 62             | 100               | 0          | 0          | 71  | 1.84        | 58              | 83             | 99                |
|                          | PRY     | 0          | 0          | 26  | 1.19        | 81              | 73             | 84                | 0          | 0          | 16  | 0.73        | 50              | 63             | 81                |
|                          | URY     | 0          | 0          | 3   | 0.39        | 100             | 67             | ...               | 0          | 0          | 3   | 0.39        | 67              | 100            | ...               |
| <b>Total<sup>§</sup></b> |         | <b>0</b>   | <b>0</b>   | <b>1579</b>   | <b>0.94</b> | <b>78</b>       | <b>76</b>      | <b>-</b>          | <b>0</b>   | <b>0</b>   | <b>1991</b>                                       | <b>1.18</b> | <b>74</b>       | <b>76</b>      | <b>-</b>          |

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

... - No data  
NR - No reporting

CAR includes reports from all CAREC member countries

Only data for AFP cases in children < 15 years shown on Table 1 and 3

Issues of the Polio Weekly Bulletin can be accessed at: <http://www.paho.org/immunization/PolioBulletin>



**Table No.1**  
**Virus isolation results and indicators, last 52 weeks**  
**Epidemiological weeks 2014/48 - 2015/46**

| Lab.           | Country | Number of specimens from AFP cases | Virus Isolation Test |                   |                   |                 |                   |            |             |          |            |                              |                                     | % Positive specimens for NPEV | Timing of isolation results |  |  |
|----------------|---------|------------------------------------|----------------------|-------------------|-------------------|-----------------|-------------------|------------|-------------|----------|------------|------------------------------|-------------------------------------|-------------------------------|-----------------------------|--|--|
|                |         |                                    | Pending results      |                   |                   | With results    |                   |            |             |          |            | Total specimens with results | Total with reception & result dates |                               | % Results ≤ 14 days         |  |  |
|                |         |                                    | Not yet in lab.      | Received ≤14 Days | Received >14 Days | Only poliovirus | Poliovirus & NPEV | Only NPEV  | Negative    | Others   | Inadequate |                              |                                     |                               |                             |  |  |
| CAR            | BLZ     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 1           | 0        | 0          | 0                            | 1                                   | 1                             | 100                         |  |  |
|                | DOM     | 7                                  | 1                    | 0                 | 0                 | 0               | 0                 | 1          | 5           | 0        | 0          | 17                           | 6                                   | 6                             | 100                         |  |  |
|                | GUY     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 1           | 0        | 0          | 0                            | 1                                   | 1                             | 100                         |  |  |
|                | HND     | 66                                 | 0                    | 0                 | 2                 | 0               | 0                 | 10         | 54          | 0        | 0          | 16                           | 64                                  | 64                            | 69                          |  |  |
|                | HTI     | 15                                 | 7                    | 0                 | 1                 | 0               | 0                 | 0          | 7           | 0        | 0          | 0                            | 7                                   | 6                             | 100                         |  |  |
|                | JAM     | 2                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 2           | 0        | 0          | 0                            | 2                                   | 2                             | 50                          |  |  |
|                | NIC     | 11                                 | 0                    | 0                 | 0                 | 0               | 0                 | 1          | 10          | 0        | 0          | 9                            | 11                                  | 11                            | 73                          |  |  |
|                | PAN     | 13                                 | 2                    | 0                 | 0                 | 0               | 0                 | 2          | 9           | 0        | 0          | 18                           | 11                                  | 11                            | 64                          |  |  |
| TTO            | 2       | 0                                  | 0                    | 0                 | 0                 | 0               | 0                 | 2          | 0           | 0        | 0          | 2                            | 1                                   | 100                           |                             |  |  |
| CDC            | GTM     | 16                                 | 14                   | 0                 | 1                 | 0               | 0                 | 1          | 0           | 0        | 0          | 1                            | 1                                   | 1                             | 100                         |  |  |
|                | PRY     | 22                                 | 12                   | 0                 | 0                 | 0               | 0                 | 2          | 8           | 0        | 20         | 10                           | 10                                  | 90                            |                             |  |  |
|                | SLV     | 17                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 17          | 0        | 0          | 17                           | 17                                  | 0                             |                             |  |  |
| FIO            | BRA     | 203                                | 18                   | 0                 | 13                | 3               | 0                 | 8          | 161         | 0        | 6          | 172                          | 172                                 | 67                            |                             |  |  |
|                | PER     | 36                                 | 2                    | 0                 | 0                 | 0               | 0                 | 1          | 33          | 0        | 3          | 34                           | 25                                  | 24                            |                             |  |  |
| IEC            | BRA     | 31                                 | 2                    | 0                 | 2                 | 0               | 0                 | 0          | 27          | 0        | 0          | 27                           | 25                                  | 84                            |                             |  |  |
| INDRE          | MEX     | 456                                | 0                    | 2                 | 23                | 5               | 0                 | 47         | 379         | 0        | 12         | 431                          | 431                                 | 99                            |                             |  |  |
| INH            | CRI     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 1           | 0        | 0          | 1                            | 1                                   | 100                           |                             |  |  |
| INS            | COL     | 124                                | 0                    | 0                 | 3                 | 0               | 0                 | 7          | 113         | 1        | 6          | 121                          | 121                                 | 84                            |                             |  |  |
|                | CRI     | 33                                 | 0                    | 0                 | 2                 | 0               | 0                 | 7          | 23          | 1        | 23         | 31                           | 30                                  | 47                            |                             |  |  |
|                | ECU     | 22                                 | 0                    | 0                 | 0                 | 0               | 0                 | 3          | 19          | 0        | 14         | 22                           | 20                                  | 100                           |                             |  |  |
| IPK            | CUB     | 4                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0          | 3           | 0        | 0          | 3                            | 3                                   | 100                           |                             |  |  |
| ISP            | CHL     | 50                                 | 0                    | 0                 | 1                 | 1               | 0                 | 0          | 48          | 0        | 2          | 49                           | 49                                  | 90                            |                             |  |  |
| MAL            | ARG     | 186                                | 0                    | 0                 | 17                | 16              | 0                 | 10         | 143         | 0        | 15         | 169                          | 169                                 | 92                            |                             |  |  |
|                | BOL     | 27                                 | 8                    | 0                 | 0                 | 0               | 0                 | 4          | 15          | 0        | 21         | 19                           | 19                                  | 100                           |                             |  |  |
|                | URY     | 2                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 2           | 0        | 0          | 2                            | 2                                   | 50                            |                             |  |  |
| (no lab. name) | CAN     | 3                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 3           | 0        | 0          | 3                            | 0                                   | 0                             |                             |  |  |
|                | CRI     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 0           | 1        | 0          | 1                            | 0                                   | 0                             |                             |  |  |
|                | ECU     | 2                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0          | 1           | 0        | 0          | 1                            | 0                                   | 0                             |                             |  |  |
|                | GTM     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                            | 0                                   | 0                             |                             |  |  |
|                | HND     | 3                                  | 3                    | 0                 | 0                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                            | 0                                   | 0                             |                             |  |  |
|                | PER     | 14                                 | 9                    | 0                 | 3                 | 0               | 0                 | 0          | 2           | 0        | 0          | 2                            | 2                                   | 50                            |                             |  |  |
| VEN            | 61      | 5                                  | 0                    | 1                 | 0                 | 0               | 3                 | 52         | 0           | 5        | 55         | 45                           | 62                                  |                               |                             |  |  |
| <b>Total</b>   |         | <b>1433</b>                        | <b>86</b>            | <b>2</b>          | <b>69</b>         | <b>25</b>       | <b>0</b>          | <b>106</b> | <b>1142</b> | <b>3</b> | <b>0</b>   | <b>10</b>                    | <b>1276</b>                         | <b>1245</b>                   | <b>84</b>                   |  |  |

... No data

Only stool specimens from AFP cases < 15 years shown

**Table No.2**  
**Status of Intratypic Differentiation (ITD) testing for specimens with isolated poliovirus, last 52 weeks**  
**Epidemiological weeks 2014/48 - 2015/46**

| Lab.         | Country | Number of poliovirus Isolated | Poliovirus Intratypic Differentiation Results |           |           |          |          |          |          |          |          | Pending ITD results | Number of specimens with ITD results | ITD Results w/ reception or detection and results dates | % ITD results ≤ 7 days of reception or detection | % ITD results ≤ 45 days of onset of paralysis | % ITD results ≤ 60 days of onset of paralysis |
|--------------|---------|-------------------------------|---|-----------|-----------|----------|----------|----------|----------|----------|----------|---------------------|--------------------------------------|---|--|---|---|
|              |         |                               | Sabin   |           |           | VDPV     |          |          | Wild     |          |          |                     |                                      |   |  |   |   |
|              |         |                               | P1  | P2        | P3        | P1       | P2       | P3       | P1       | P2       | P3       |                     |                                      |   |  |   |   |
| FIO          | BRA     | 3                             | 1   | 2         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 4                                    | 4   | 75   | 75  | 100   |
| INDRE        | MEX     | 5                             | 3   | 1         | 4         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 5                                    | 5   | 100  | 100   | 100   |
| INS          | COL     | 0                             | 1   | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 1   | 100  | 100   | 100   |
| ISP          | CHL     | 1                             | 0   | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 1                   | 0                                    | -   | -  | -   |   |
| MAL          | ARG     | 16                            | 9   | 12        | 5         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 16                                   | 16  | 94   | 100   | 100   |
| <b>Total</b> |         | <b>25</b>                     | <b>14</b>                                     | <b>15</b> | <b>10</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b>            | <b>26</b>                            | <b>26</b>   | <b>92</b>  | <b>96</b>                                     | <b>100</b>                                    |