



## Acute Flaccid Paralysis Surveillance in the Americas

Vol. 30, No. 28

Week ending 18 July 2015

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

| Sub Region   | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2015/28 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND          | BOL     | 3,830,147             | 38                 | 17                         |
|              | COL     | 12,900,000            | 129                | 70                         |
|              | ECU     | 4,982,359             | 50                 | 13                         |
|              | PER     | 9,308,490             | 93                 | 35                         |
|              | VEN     | 8,569,000             | 86                 | 27                         |
| BRA          | BRA     | 47,062,224            | 471                | 136                        |
| CAP          | CRI     | 1,121,000             | 11                 | 14                         |
|              | GTM     | 4,229,000             | 42                 | 4                          |
|              | HND     | 3,155,746             | 32                 | 41                         |
|              | NIC     | 2,019,000             | 20                 | 7                          |
|              | PAN     | 1,087,657             | 11                 | 7                          |
|              | SLV     | 1,827,000             | 18                 | 4                          |
| CAR          | CAR     | 2,019,000             | 20                 | 6                          |
| LAC          | CUB     | 1,929,000             | 19                 | 4                          |
|              | DOM     | 3,023,000             | 30                 | 4                          |
|              | HTI     | 3,919,255             | 39                 | 9                          |
| MEX          | MEX     | 34,583,967            | 346                | 282                        |
| NOA          | CAN     | 5,645,000             | 56                 | 8                          |
|              | USA     | 60,921,000            | NR                 | NR                         |
| SOC          | ARG     | 10,165,000            | 102                | 92                         |
|              | CHL     | 3,863,000             | 39                 | 34                         |
|              | PRY     | 2,181,224             | 22                 | 13                         |
|              | URY     | 772,000               | 8                  | 0                          |
| <b>Total</b> |         | <b>229,113,069</b>    | <b>1682</b>        | <b>827</b>                 |

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

| Country      | Total 2014 | Cumm. 2015 | Week       |           |           |           |          |           |           |          |          |     |  |
|--------------|------------|------------|------------|-----------|-----------|-----------|----------|-----------|-----------|----------|----------|-----|--|
|              |            |            | 1-20       | 21        | 22        | 23        | 24       | 25        | 26        | 27       | 28       |     |  |
| BOL          | 0          | 12         | 4          | 0         | 3         | 1         | 0        | 1         | 3         | 0        | 0        | 0   |  |
| COL          | 0          | 4          | 1          | 0         | 0         | 1         | 0        | 1         | 1         | 0        | 0        | 0   |  |
| ECU          | 1          | 14         | 10         | 3         | 1         | 0         | 0        | ...       | ...       | ...      | ...      | ... |  |
| PER          | 0          | 17         | 10         | 2         | 3         | 1         | 0        | 0         | 1         | 0        | 0        | 0   |  |
| VEN          | 0          | 17         | 17         | 0         | 0         | 0         | 0        | 0         | 0         | 0        | ...      | ... |  |
| BRA          | 0          | 33         | 26         | 1         | 2         | 0         | 1        | 2         | 1         | 0        | 0        | 0   |  |
| CRI          | 0          | 8          | 3          | 1         | 2         | 2         | 0        | 0         | 0         | 0        | 0        | ... |  |
| GTM          | 2          | 3          | 3          | 0         | 0         | 0         | 0        | 0         | 0         | 0        | 0        | 0   |  |
| HND          | 0          | 12         | 1          | 3         | 0         | 0         | 3        | 2         | 2         | 1        | 0        | 0   |  |
| NIC          | 0          | 5          | 5          | 0         | 0         | 0         | 0        | 0         | ...       | ...      | ...      | ... |  |
| PAN          | 0          | 5          | 2          | 1         | 1         | 0         | 0        | 0         | 1         | 0        | 0        | 0   |  |
| SLV          | 7          | 3          | 2          | 0         | 0         | 0         | 0        | 0         | 1         | 0        | 0        | 0   |  |
| CAR          | 0          | 2          | 2          | 0         | 0         | 0         | 0        | 0         | 0         | 0        | 0        | 0   |  |
| CUB          | 0          | 1          | 1          | 0         | 0         | 0         | 0        | 0         | 0         | 0        | 0        | 0   |  |
| DOM          | 1          | 4          | 4          | 0         | 0         | 0         | 0        | 0         | 0         | 0        | 0        | 0   |  |
| HTI          | 0          | 6          | 5          | 0         | 0         | 0         | 0        | 1         | 0         | 0        | 0        | 0   |  |
| MEX          | 0          | 30         | 4          | 3         | 0         | 6         | 2        | 6         | 4         | 1        | 4        | 4   |  |
| CAN          | 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  |  |
| ARG          | 1          | 0          | 0          | 0         | 0         | 0         | 0        | 0         | 0         | 0        | 0        | 0   |  |
| CHL          | 0          | 17         | 10         | 0         | 0         | 1         | 2        | 2         | 2         | ...      | ...      | ... |  |
| PRY          | 0          | 4          | 2          | 0         | 0         | 0         | 0        | 1         | 1         | 0        | 0        | 0   |  |
| URY          | 0          | 0          | 0          | ...       | ...       | ...       | ...      | ...       | ...       | ...      | ...      | ... |  |
| <b>Total</b> | <b>12</b>  | <b>197</b> | <b>112</b> | <b>14</b> | <b>12</b> | <b>12</b> | <b>8</b> | <b>16</b> | <b>17</b> | <b>2</b> | <b>4</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 (2014/30 - 2015/28) |             |                 |                |                   | 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          | 33  | 0.86        | 91              | 88             | 83                | 0          | 0          | 41  | 1.07        | 95              | 79             | 83                |
|                | COL     | 0          | 0          | 158   | 1.22        | 40              | 84             | 91                | 0          | 0          | 166   | 1.29        | 25              | 81             | 92                |
|                | ECU     | 0          | 0          | 19  | 0.38        | 37              | 84             | ...               | 0          | 0          | 22  | 0.44        | ...             | 68             | ...               |
|                | PER     | 0          | 0          | 57  | 0.61        | 74              | 65             | ...               | 0          | 0          | 58  | 0.62        | 57              | 62             | 88                |
|                | VEN     | 0          | 0          | 42  | 0.49        | 93              | 64             | ...               | 0          | 0          | 64  | 0.75        | 97              | 88             | ...               |
| BRA            | BRA     | 0          | 0          | 323   | 0.69        | 97              | 75             | ...               | 0          | 0          | 444   | 0.94        | 95              | 69             | 80                |
| CAP            | CRI     | 0          | 0          | 23  | 2.05        | 61              | 100            | ...               | 0          | 0          | 18  | 1.61        | 56              | 94             | ...               |
|                | GTM     | 0          | 0          | 13  | 0.31        | 0               | 62             | 76                | 0          | 0          | 31  | 0.73        | 6               | 61             | 60                |
|                | HND     | 0          | 0          | 72  | 2.28        | 19              | 85             | 88                | 0          | 0          | 60  | 1.90        | 28              | 90             | 90                |
|                | NIC     | 0          | 0          | 19  | 0.94        | 79              | 95             | 99                | 0          | 0          | 28  | 1.39        | 82              | 100            | 100               |
|                | PAN     | 0          | 0          | 14  | 1.29        | 50              | 79             | 82                | 0          | 0          | 14  | 1.29        | 64              | 71             | 75                |
|                | SLV     | 0          | 0          | 26  | 1.42        | 54              | 88             | 76                | 0          | 0          | 64  | 3.50        | 55              | 88             | 70                |
| CAR            | CAR     | 0          | 0          | 8   | 0.40        | 50              | 38             | 83                | 0          | 0          | 10  | 0.50        | 60              | 60             | 72                |
| LAC            | CUB     | 0          | 0          | 7   | 0.36        | 100             | 86             | 100               | 0          | 0          | 10  | 0.52        | 100             | 80             | 100               |
|                | DOM     | 0          | 0          | 11  | 0.36        | 9               | 82             | 53                | 0          | 0          | 18  | 0.60        | 11              | 78             | 49                |
|                | HTI     | 0          | 0          | 23  | 0.59        | 74              | 52             | 85                | 0          | 0          | 21  | 0.54        | 71              | 52             | 67                |
| MEX            | MEX     | 0          | 0          | 572   | 1.65        | 99              | 79             | ...               | 0          | 0          | 599   | 1.73        | 99              | 80             | ...               |
| NOA            | CAN     | 0          | 0          | 22  | 0.39        | 0               | 14             | ...               | 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          | 184   | 1.81        | 54              | 85             | 87                | 0          | 0          | 214   | 2.11        | 52              | 83             | 87                |
|                | CHL     | 0          | 0          | 68  | 1.76        | 59              | 65             | 100               | 0          | 0          | 71  | 1.84        | 58              | 83             | 99                |
|                | PRY     | 0          | 0          | 21  | 0.96        | 67              | 62             | 87                | 0          | 0          | 16  | 0.73        | 50              | 63             | 81                |
|                | URY     | 0          | 0          | 0   | ...         | ...             | ...            | ...               | 0          | 0          | 2   | 0.26        | 50              | 100            | ...               |
| <b>Total §</b> |         | <b>0</b>   | <b>0</b>   | <b>1715</b>   | <b>1.02</b> | <b>76</b>       | <b>77</b>      | <b>-</b>          | <b>0</b>   | <b>0</b>   | <b>1999</b>                                       | <b>1.19</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 2014/30 - 2015/28**

| Lab.           | Country | Number of specimens from AFP cases | Virus Isolation Test |                   |                   |                 |                   |            |             |          |            |                              |                               |                                     |                     |  |
|----------------|---------|------------------------------------|----------------------|-------------------|-------------------|-----------------|-------------------|------------|-------------|----------|------------|------------------------------|-------------------------------|-------------------------------------|---------------------|--|
|                |         |                                    | Pending results      |                   |                   | With results    |                   |            |             |          |            |                              | % Positive specimens for NPEV | Timing of isolation results         |                     |  |
|                |         |                                    | Not yet in lab.      | Received ≤14 Days | Received >14 Days | Only poliovirus | Poliovirus & NPEV | Only NPEV  | Negative    | Others   | Inadequate | Total specimens with results |                               | Total with reception & result dates | % Results ≤ 14 days |  |
| CAR            | DOM     | 11                                 | 5                    | 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     | 64                                 | 4                    | 0                 | 1                 | 0               | 0                 | 12         | 47          | 0        | 0          | 20                           | 59                            | 59                                  | 69                  |  |
|                | HTI     | 23                                 | 7                    | 0                 | 1                 | 0               | 0                 | 0          | 15          | 0        | 0          | 0                            | 15                            | 6                                   | 100                 |  |
|                | JAM     | 3                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 3           | 0        | 0          | 0                            | 3                             | 3                                   | 67                  |  |
|                | NIC     | 17                                 | 4                    | 0                 | 0                 | 0               | 0                 | 4          | 9           | 0        | 0          | 31                           | 13                            | 13                                  | 77                  |  |
|                | PAN     | 12                                 | 3                    | 0                 | 0                 | 0               | 0                 | 0          | 9           | 0        | 0          | 0                            | 9                             | 9                                   | 56                  |  |
|                | TTO     | 2                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 2           | 0        | 0          | 0                            | 2                             | 1                                   | 100                 |  |
| CDC            | GTM     | 13                                 | 4                    | 0                 | 2                 | 0               | 0                 | 1          | 6           | 0        | 0          | 14                           | 7                             | 1                                   | 0                   |  |
|                | NIC     | 2                                  | 1                    | 0                 | 0                 | 0               | 0                 | 1          | 0           | 0        | 100        | 1                            | 1                             | 100                                 |                     |  |
|                | PRY     | 18                                 | 2                    | 0                 | 1                 | 1               | 0                 | 2          | 12          | 0        | 0          | 20                           | 15                            | 15                                  | 73                  |  |
|                | SLV     | 28                                 | 0                    | 0                 | 11                | 0               | 0                 | 0          | 17          | 0        | 0          | 0                            | 17                            | 17                                  | 0                   |  |
| FIO            | BRA     | 260                                | 9                    | 0                 | 11                | 6               | 0                 | 12         | 222         | 0        | 0          | 8                            | 240                           | 235                                 | 70                  |  |
|                | PER     | 26                                 | 0                    | 0                 | 0                 | 0               | 0                 | 1          | 25          | 0        | 0          | 4                            | 26                            | 26                                  | 19                  |  |
| IEC            | BRA     | 30                                 | 0                    | 0                 | 2                 | 0               | 0                 | 0          | 28          | 0        | 0          | 0                            | 28                            | 26                                  | 69                  |  |
| INDRE          | MEX     | 483                                | 0                    | 14                | 6                 | 4               | 0                 | 40         | 419         | 0        | 0          | 10                           | 463                           | 460                                 | 98                  |  |
| INS            | COL     | 151                                | 0                    | 2                 | 2                 | 0               | 0                 | 9          | 136         | 2        | 0          | 6                            | 147                           | 147                                 | 83                  |  |
|                | CRI     | 44                                 | 3                    | 0                 | 8                 | 0               | 0                 | 2          | 31          | 0        | 0          | 6                            | 33                            | 33                                  | 58                  |  |
| IPK            | CUB     | 7                                  | 3                    | 0                 | 0                 | 0               | 0                 | 0          | 4           | 0        | 0          | 0                            | 4                             | 4                                   | 100                 |  |
| ISP            | CHL     | 52                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 51          | 0        | 1          | 0                            | 52                            | 52                                  | 88                  |  |
| MAL            | ARG     | 191                                | 0                    | 0                 | 16                | 16              | 0                 | 10         | 149         | 0        | 0          | 15                           | 175                           | 175                                 | 91                  |  |
|                | BOL     | 33                                 | 12                   | 0                 | 0                 | 0               | 0                 | 2          | 19          | 0        | 0          | 10                           | 21                            | 21                                  | 38                  |  |
| (no lab. name) | BRA     | 2                                  | 1                    | 0                 | 0                 | 0               | 0                 | 1          | 0           | 0        | 0          | 100                          | 1                             | 1                                   | 100                 |  |
|                | CAN     | 4                                  | 3                    | 0                 | 0                 | 0               | 0                 | 0          | 1           | 0        | 0          | 0                            | 1                             | 0                                   | 0                   |  |
|                | CRI     | 1                                  | 0                    | 0                 | 1                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                            | 0                             | 0                                   | 0                   |  |
|                | ECU     | 16                                 | 7                    | 0                 | 0                 | 0               | 0                 | 2          | 7           | 0        | 0          | 22                           | 9                             | 0                                   | 0                   |  |
|                | HND     | 8                                  | 8                    | 0                 | 0                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                            | 0                             | 0                                   | 0                   |  |
|                | PER     | 18                                 | 11                   | 0                 | 5                 | 0               | 0                 | 1          | 1           | 0        | 0          | 50                           | 2                             | 2                                   | 0                   |  |
| VEN            | 32      | 7                                  | 0                    | 0                 | 0                 | 0               | 0                 | 5          | 19          | 0        | 1          | 20                           | 25                            | 10                                  | 70                  |  |
| <b>Total</b>   |         | <b>1552</b>                        | <b>94</b>            | <b>16</b>         | <b>67</b>         | <b>27</b>       | <b>0</b>          | <b>106</b> | <b>1238</b> | <b>2</b> | <b>2</b>   | <b>10</b>                    | <b>1375</b>                   | <b>1324</b>                         | <b>82</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 2014/30 - 2015/28**

| Lab.         | Country | Number of poliovirus isolated | Poliovirus Intratypic Differentiation Results |          |           |          |          |          |          |          |          |                     | ITD Indicators                       |   |  |   |   |
|--------------|---------|-------------------------------|---|----------|-----------|----------|----------|----------|----------|----------|----------|---------------------|--------------------------------------|---|--|---|---|
|              |         |                               | Sabin   |          |           | VDPV     |          |          | Wild     |          |          | 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 |
|              |         |                               | P1  | P2       | P3        | P1       | P2       | P3       | P1       | P2       | P3       |                     |                                      |   |  |   |   |
| CDC          | PRY     | 1                             | 0   | 0        | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 1   | -  | -   | -   |
| FIO          | BRA     | 6                             | 3   | 1        | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 6                                    | 6   | 83   | 83  | 100   |
| INDRE        | MEX     | 4                             | 2   | 0        | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 1                   | 2                                    | 2   | 100  | 100   | 100   |
| INS          | COL     | 0                             | 1   | 0        | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 2                                    | 2   | 100  | 100   | 100   |
| MAL          | ARG     | 16                            | 6   | 8        | 9         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 16                                   | 16  | 94   | 100   | 100   |
| <b>Total</b> |         | <b>27</b>                     | <b>12</b>                                     | <b>9</b> | <b>14</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b>            | <b>27</b>                            | <b>27</b>   | <b>89</b>  | <b>93</b>                                     | <b>96</b>                                     |