



## Acute Flaccid Paralysis Surveillance in the Americas

Vol. 28, No. 44

Week ending 2 November 2013

**Table No.1**  
Expected and reported AFP cases, 2013

| Sub Region   | Country | Population <15 years * | Expected AFP cases | Reported AFP cases 2013/01-44 |
|--------------|---------|------------------------|--------------------|-------------------------------|
| AND          | BOL     | 3,620,000              | 36                 | 31                            |
|              | COL     | 12,899,289             | 129                | 115                           |
|              | ECU     | 4,306,000              | 43                 | 12                            |
|              | PER     | 8,342,000              | 83                 | 67                            |
|              | VEN     | 8,439,000              | 84                 | 48                            |
| BRA          | BRA     | 47,062,224             | 471                | 219                           |
| CAP          | CRI     | 1,142,000              | 11                 | 15                            |
|              | GTM     | 5,877,000              | 59                 | 21                            |
|              | HND     | 3,155,746              | 32                 | 40                            |
|              | NIC     | 2,018,000              | 20                 | 17                            |
|              | PAN     | 999,000                | 10                 | 7                             |
|              | SLV     | 1,385,433              | 14                 | 71                            |
| CAR          | CAR     | 2,019,000              | 40                 | 19                            |
| LAC          | CUB     | 1,900,000              | 19                 | 16                            |
|              | DOM     | 3,307,000              | 33                 | 22                            |
|              | HTI     | 4,058,000              | 41                 | 24                            |
| MEX          | MEX     | 34,024,293             | 340                | 457                           |
| NOA          | CAN     | 5,686,000              | 57                 | 13                            |
|              | USA     | 60,921,000             | 609                | NR                            |
| SOC          | ARG     | 10,162,000             | 102                | 127                           |
|              | CHL     | 3,863,000              | 39                 | 61                            |
|              | PRY     | 2,181,224              | 22                 | 15                            |
|              | URY     | 772,000                | 8                  | 1                             |
| <b>Total</b> |         | <b>228,139,209</b>     | <b>2,302</b>       | <b>1418</b>                   |

\*As reported by countries

**Table No.2**  
AFP cases under investigation, 2013

| Country      | Total 2012 | Cum. 2013  | Week       |           |           |           |           |           |           |           |          |          |          |  |
|--------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|--|
|              |            |            | 1-36       | 37        | 38        | 39        | 40        | 41        | 42        | 43        | 44       |          |          |  |
| BOL          | 0          | 8          | 8          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| COL          | 0          | 18         | 14         | 0         | 0         | 1         | 1         | 2         | 0         | 0         | 0        | 0        | 0        |  |
| ECU          | 0          | 11         | 10         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| PER          | 0          | 14         | 5          | 1         | 0         | 2         | 2         | 0         | 0         | 2         | 2        | 0        | 0        |  |
| VEN          | 0          | 10         | 6          | 0         | 2         | 0         | 1         | 1         | 0         | 0         | 0        | 0        | 0        |  |
| BRA          | 0          | 71         | 71         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| CRI          | 0          | 5          | 2          | 1         | 0         | 1         | 0         | 0         | 1         | 0         | 0        | 0        | 0        |  |
| GTM          | 0          | 1          | 1          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| HND          | 0          | 10         | 7          | 0         | 1         | 0         | 1         | 0         | 1         | 0         | 0        | 0        | 0        |  |
| NIC          | 0          | 9          | 2          | 2         | 0         | 1         | 2         | 2         | 0         | 0         | 0        | 0        | 0        |  |
| PAN          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| SLV          | 0          | 26         | 19         | ...       | ...       | ...       | 0         | 2         | 1         | 2         | 2        | 0        | 0        |  |
| CAR          | 0          | 13         | 10         | 0         | 0         | 0         | 0         | 3         | 0         | 0         | 0        | 0        | 0        |  |
| CUB          | 0          | 16         | 12         | 2         | 0         | 1         | 0         | 1         | 0         | 0         | 0        | 0        | 0        |  |
| DOM          | 0          | 2          | 2          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| GLP          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| GUF          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| HTI          | 0          | 18         | 14         | 2         | 2         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| MTQ          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| MEX          | 0          | 239        | 166        | 10        | 8         | 2         | 18        | 10        | 13        | 12        | 0        | 0        | 0        |  |
| CAN          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| ARG          | 0          | 35         | 22         | 3         | 3         | 4         | 1         | 0         | 2         | 0         | 0        | 0        | 0        |  |
| CHL          | 0          | 23         | 14         | 0         | 1         | 1         | 3         | 2         | 2         | 0         | 0        | 0        | 0        |  |
| PRY          | 0          | 15         | 14         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| URY          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |
| <b>Total</b> | <b>0</b>   | <b>544</b> | <b>399</b> | <b>21</b> | <b>17</b> | <b>14</b> | <b>30</b> | <b>23</b> | <b>20</b> | <b>16</b> | <b>4</b> | <b>4</b> | <b>4</b> |  |

**Table No.3**  
Confirmed and compatible polio cases, and AFP surveillance indicators, 2012 - 2013

| Sub Region     | Country | Polio 2013 |            | AFP Cases and indicators, last 52 weeks (2012/45 - 2013/44) |             |                 |                |                   | Polio 2012 |            | AFP Cases and indicators, 2012 (2012/01 - 2012/52) |             |                 |                |                   |
|----------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|--|-------------|-----------------|----------------|-------------------|
|                |         | 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          | 37  | 1.02        | 89              | 84             | ...               | 0          | 0          | 44   | 1.22        | 86              | 91             | 0                 |
|                | COL     | 0          | 0          | 125   | 0.97        | 34              | 70             | 96                | 0          | 0          | 124  | 0.96        | 64              | 88             | 91                |
|                | ECU     | 0          | 0          | 14  | 0.33        | 0               | 50             | ...               | 0          | 0          | 34   | 0.79        | 35              | 76             | 55                |
|                | PER     | 0          | 0          | 74  | 0.89        | 64              | 61             | ...               | 0          | 0          | 99   | 1.19        | 75              | 73             | 0                 |
|                | VEN     | 0          | 0          | 54  | 0.64        | 94              | 70             | ...               | 0          | 0          | 79   | 0.94        | 89              | 81             | 85                |
| BRA            | BRA     | 0          | 0          | 262   | 0.53        | 90              | 69             | 91                | 0          | 2          | 500  | 1.01        | 97              | 74             | 0                 |
| CAP            | CRI     | 0          | 0          | 17  | 1.49        | 53              | 88             | ...               | 0          | 0          | 22   | 1.93        | 50              | 91             | 0                 |
|                | GTM     | 0          | 0          | 23  | 0.39        | 0               | 83             | 9                 | 0          | 0          | 49   | 0.83        | 14              | 78             | 21                |
|                | HND     | 0          | 0          | 48  | 1.52        | 48              | 94             | 94                | 0          | 0          | 60   | 1.91        | 100             | 90             | 93                |
|                | NIC     | 0          | 0          | 21  | 1.04        | 81              | 86             | 100               | 0          | 0          | 31   | 1.54        | 90              | 87             | 100               |
|                | PAN     | 0          | 0          | 10  | 1.00        | 80              | 80             | 80                | 0          | 0          | 8  | 0.80        | 100             | 100            | 76                |
|                | SLV     | 0          | 0          | 71  | 5.1         | 24              | 79             | 94                | 0          | 0          | 50   | 2.14        | 78              | 96             | 0                 |
| CAR            | CAR     | 0          | 0          | 19  | 0.94        | 26              | --             | 68                | 0          | 0          | 5  | 0.25        | 80              | 40             | 99                |
| LAC            | CUB     | 0          | 0          | 16  | 0.84        | 100             | 69             | 100               | 0          | 0          | 20   | 1.05        | 100             | 85             | 57                |
|                | DOM     | 0          | 0          | 34  | 1.03        | 21              | 79             | 82                | 0          | 0          | 38   | 1.15        | 21              | 87             | 60                |
|                | HTI     | 0          | 0          | 24  | 0.59        | 83              | 42             | 84                | 0          | 0          | 3  | 0.07        | 33              | 67             | 64                |
| MEX            | MEX     | 0          | 0          | 562   | 1.65        | 73              | 60             | ...               | 0          | 0          | 594  | 1.75        | 72              | 80             | 0                 |
| NOA            | CAN     | 0          | 0          | 21  | 0.37        | 0               | --             | ...               | 0          | 0          | 47   | 0.83        | 0               | 11             | 0                 |
|                | USA     | 0          | 0          | NR  | NR          | NR              | NR             | NR                | 0          | 0          | NR   | NR          | NR              | NR             | NR                |
| SOC            | ARG     | 0          | 0          | 162   | 1.59        | 51              | 62             | 97                | 0          | 0          | 182  | 1.79        | 59              | 79             | 100               |
|                | CHL     | 0          | 0          | 76  | 1.97        | 96              | 74             | 98                | 0          | 0          | 99   | 2.56        | 96              | 77             | 97                |
|                | PRY     | 0          | 0          | 18  | 0.83        | 72              | 67             | 6                 | 0          | 0          | 21   | 0.96        | 76              | 81             | 0                 |
|                | URY     | 0          | 0          | 1   | 0.13        | 0               | 100            | 0                 | 0          | 0          | 2  | 0.26        | 0               | 50             | 0                 |
| <b>Total §</b> |         | <b>0</b>   | <b>0</b>   | <b>1689</b>   | <b>1.00</b> | <b>67</b>       | <b>65</b>      | <b>--</b>         | <b>0</b>   | <b>2</b>   | <b>2111</b>  | <b>1.24</b> | <b>75</b>       | <b>78</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

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 2012/45 - 2013/44

| 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            | DOM     | 30                                 | 1                    | 0                 | 0                 | 0               | 0                 | 2         | 25         | 2        | 0          | 7                            | 29                                  | 28                            | 100                         |  |  |
|                | HND     | 48                                 | 10                   | 0                 | 0                 | 0               | 0                 | 3         | 34         | 0        | 1          | 8                            | 38                                  | 38                            | 100                         |  |  |
|                | HTI     | 30                                 | 19                   | 0                 | 0                 | 0               | 0                 | 0         | 11         | 0        | 0          | 0                            | 11                                  | 3                             | 100                         |  |  |
|                | NIC     | 25                                 | 8                    | 0                 | 2                 | 0               | 0                 | 1         | 14         | 0        | 0          | 7                            | 15                                  | 15                            | 93                          |  |  |
|                | PAN     | 10                                 | 0                    | 0                 | 0                 | 0               | 0                 | 2         | 8          | 0        | 0          | 20                           | 10                                  | 10                            | 100                         |  |  |
| CDC            | GTM     | 23                                 | 5                    | 0                 | 0                 | 0               | 0                 | 2         | 16         | 0        | 0          | 11                           | 18                                  | 9                             | 0                           |  |  |
|                | PRY     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
|                | SLV     | 7                                  | 7                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
| FIO            | BRA     | 188                                | 24                   | 0                 | 12                | 2               | 0                 | 7         | 143        | 0        | 0          | 6                            | 152                                 | 146                           | 78                          |  |  |
|                | PER     | 60                                 | 6                    | 0                 | 1                 | 0               | 0                 | 6         | 47         | 0        | 0          | 11                           | 53                                  | 53                            | 79                          |  |  |
| IEC            | BRA     | 44                                 | 11                   | 0                 | 0                 | 0               | 0                 | 3         | 30         | 0        | 0          | 9                            | 33                                  | 30                            | 67                          |  |  |
| INDRE          | MEX     | 573                                | 269                  | 3                 | 37                | 6               | 0                 | 9         | 248        | 0        | 1          | 6                            | 264                                 | 262                           | 96                          |  |  |
| INH            | VEN     | 6                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 6          | 0        | 0          | 0                            | 6                                   | 4                             | 0                           |  |  |
| INP            | PER     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 1        | 0          | 0                            | 1                                   | 1                             | 100                         |  |  |
| INS            | COL     | 107                                | 0                    | 0                 | 1                 | 0               | 0                 | 15        | 91         | 0        | 0          | 14                           | 106                                 | 106                           | 87                          |  |  |
|                | CRI     | 29                                 | 0                    | 1                 | 4                 | 0               | 0                 | 4         | 20         | 0        | 0          | 17                           | 24                                  | 24                            | 42                          |  |  |
|                | ECU     | 11                                 | 9                    | 0                 | 0                 | 0               | 0                 | 0         | 2          | 0        | 0          | 0                            | 2                                   | 0                             | 0                           |  |  |
| IPK            | CUB     | 15                                 | 15                   | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
| ISP            | CHL     | 71                                 | 0                    | 0                 | 0                 | 0               | 0                 | 1         | 70         | 0        | 0          | 1                            | 71                                  | 71                            | 68                          |  |  |
| MAL            | ARG     | 151                                | 4                    | 0                 | 19                | 10              | 0                 | 5         | 113        | 0        | 0          | 12                           | 128                                 | 125                           | 79                          |  |  |
|                | BOL     | 37                                 | 8                    | 0                 | 1                 | 0               | 0                 | 3         | 25         | 0        | 0          | 11                           | 28                                  | 24                            | 54                          |  |  |
|                | URY     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1          | 0        | 0          | 0                            | 1                                   | 0                             | 0                           |  |  |
| (no lab. name) | BRA     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1          | 0        | 0          | 0                            | 1                                   | 1                             | 100                         |  |  |
|                | CAN     | 21                                 | 14                   | 0                 | 0                 | 0               | 0                 | 0         | 7          | 0        | 0          | 0                            | 7                                   | 0                             | 0                           |  |  |
|                | DOM     | 2                                  | 2                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
|                | ECU     | 2                                  | 2                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
|                | PRY     | 14                                 | 14                   | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
|                | TTO     | 2                                  | 2                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
| VEN            | 42      | 5                                  | 0                    | 0                 | 0                 | 0               | 0                 | 1         | 36         | 0        | 0          | 3                            | 37                                  | 16                            | 38                          |  |  |
| <b>Total</b>   |         | <b>1552</b>                        | <b>436</b>           | <b>4</b>          | <b>77</b>         | <b>18</b>       | <b>0</b>          | <b>64</b> | <b>948</b> | <b>3</b> | <b>2</b>   | <b>8</b>                     | <b>1035</b>                         | <b>966</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 2012/45 - 2013/44

| 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     | 2                             | 0   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2                   | 0                                    | 0   | -  | -   | -   |
| INDRE        | MEX     | 6                             | 1   | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3                   | 1                                    | 1   | 0  | 100   | 100   |
| INS          | COL     | 0                             | 0   | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 1   | 100  | 100   | 100   |
| MAL          | ARG     | 10                            | 4   | 6        | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 12                                   | 12  | 33   | 100   | 100   |
|              | BOL     | 0                             | 0   | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 1   | 0  | 0   | 0   |
| <b>Total</b> |         | <b>18</b>                     | <b>5</b>                                      | <b>8</b> | <b>6</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>5</b>            | <b>15</b>                            | <b>15</b>   | <b>33</b>  | <b>93</b>                                     | <b>93</b>                                     |