



## Acute Flaccid Paralysis Surveillance in the Americas

Vol. 28, No. 26

Week ending 29 June 2013

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

| Sub Region   | Country | Population <15 years * | Expected AFP cases | Reported AFP cases 2013/01–26 |
|--------------|---------|------------------------|--------------------|-------------------------------|
| AND          | BOL     | 3,620,000              | 36                 | 23                            |
|              | COL     | 12,899,289             | 129                | 57                            |
|              | ECU     | 4,306,000              | 43                 | 1                             |
|              | PER     | 8,342,000              | 83                 | 35                            |
|              | VEN     | 8,439,000              | 84                 | 19                            |
| BRA          | BRA     | 49,477,000             | 495                | 62                            |
| CAP          | CRI     | 1,142,000              | 11                 | 5                             |
|              | GTM     | 5,877,000              | 59                 | 5                             |
|              | HND     | 3,155,746              | 32                 | 20                            |
|              | NIC     | 2,018,000              | 20                 | 3                             |
|              | PAN     | 999,000                | 10                 | 6                             |
|              | SLV     | 2,339,000              | 23                 | 5                             |
| CAR          | CAR     | 2,019,000              | 40                 | 11                            |
| LAC          | CUB     | 1,900,000              | 19                 | 5                             |
|              | DOM     | 3,307,000              | 33                 | 9                             |
|              | HTI     | 4,058,000              | 41                 | 4                             |
| MEX          | MEX     | 34,024,293             | 340                | 206                           |
| NOA          | CAN     | 5,686,000              | 57                 | 5                             |
|              | USA     | 60,921,000             | 609                | 0                             |
| SOC          | ARG     | 10,162,000             | 102                | 70                            |
|              | CHL     | 3,863,000              | 39                 | 39                            |
|              | PRY     | 2,181,224              | 22                 | 10                            |
|              | URY     | 772,000                | 8                  | 1                             |
| <b>Total</b> |         | <b>231,507,552</b>     | <b>2,335</b>       | <b>601</b>                    |

\*As reported by countries

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

| Country      | Total 2012 | Cum. 2013  | Week       |           |           |           |           |          |          |          |          |          |          |
|--------------|------------|------------|------------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|
|              |            |            | 1-18       | 19        | 20        | 21        | 22        | 23       | 24       | 25       | 26       |          |          |
| BOL          | 0          | 13         | 12         | 0         | 0         | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| COL          | 0          | 12         | 4          | 0         | 1         | 2         | 2         | 1        | 2        | 0        | 0        | 0        | 0        |
| ECU          | 8          | 1          | 1          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| PER          | 1          | 14         | 11         | 0         | 0         | 3         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| VEN          | 0          | 5          | 3          | 1         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| BRA          | 0          | 39         | 31         | 2         | 1         | 5         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| CRI          | 0          | 3          | 3          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| GTM          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| HND          | 0          | 9          | 4          | 1         | 2         | 2         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| NIC          | 0          | 2          | 1          | 0         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| PAN          | 0          | 6          | 5          | 0         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| SLV          | 1          | 5          | 5          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| CAR          | 0          | 9          | 8          | 0         | 0         | 0         | 0         | 0        | 0        | 1        | 0        | 0        | 0        |
| CUB          | 0          | 5          | 3          | 2         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| DOM          | 0          | 0          | 0          | 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          | 4          | 3          | 0         | 1         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| MTQ          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| MEX          | 0          | 55         | 21         | 5         | 4         | 3         | 9         | 4        | 2        | 7        | 0        | 0        | 0        |
| CAN          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| ARG          | 0          | 4          | 2          | 0         | 1         | 0         | 0         | 1        | 0        | 0        | 0        | 0        | 0        |
| CHL          | 0          | 24         | 16         | 1         | 1         | 2         | 2         | 2        | 0        | 0        | 0        | 0        | 0        |
| PRY          | 0          | 10         | 7          | 0         | 0         | 0         | 0         | 0        | 0        | 2        | 1        | 0        | 0        |
| URY          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total</b> | <b>10</b>  | <b>220</b> | <b>140</b> | <b>12</b> | <b>14</b> | <b>18</b> | <b>13</b> | <b>8</b> | <b>7</b> | <b>8</b> | <b>0</b> | <b>0</b> | <b>0</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 (2012/27 - 2013/26) |             |                 |                |                   | 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          | 46  | 1.27        | 91              | 89             | --                | 0          | 0          | 44   | 1.22        | 89              | 93             | --                |
|                | COL     | 0          | 0          | 104   | 0.81        | 39              | 75             | 95                | 0          | 0          | 124  | 0.96        | 62              | 88             | 91                |
|                | ECU     | 0          | 0          | 4   | 0.09        | 0               | 75             | 0                 | 0          | 0          | 25   | 0.58        | 48              | 80             | 40                |
|                | PER     | 0          | 0          | 72  | 0.86        | 76              | 68             | --                | 0          | 0          | 99   | 1.19        | 75              | 73             | --                |
|                | VEN     | 0          | 0          | 44  | 0.52        | 86              | 80             | 19                | 0          | 0          | 79   | 0.94        | 89              | 81             | 61                |
| BRA            | BRA     | 0          | 0          | 275   | 0.56        | 92              | 72             | 0                 | 0          | 2          | 500  | 1.01        | 96              | 75             | 0                 |
| CAP            | CRI     | 0          | 0          | 16  | 1.40        | 44              | 88             | 0                 | 0          | 0          | 23   | 2.01        | 48              | 91             | 0                 |
|                | GTM     | 0          | 0          | 19  | 0.32        | 11              | 95             | 7                 | 0          | 0          | 47   | 0.80        | 15              | 79             | 5                 |
|                | HND     | 0          | 0          | 40  | 1.27        | 73              | 93             | 71                | 0          | 0          | 59   | 1.88        | 100             | 90             | 93                |
|                | NIC     | 0          | 0          | 18  | 0.89        | 72              | 100            | 76                | 0          | 0          | 31   | 1.54        | 90              | 87             | 100               |
|                | PAN     | 0          | 0          | 12  | 1.20        | 92              | 83             | 44                | 0          | 0          | 8  | 0.80        | 100             | 100            | 22                |
|                | SLV     | 0          | 0          | 22  | 0.94        | 91              | 68             | 0                 | 0          | 0          | 51   | 2.18        | 80              | 98             | 0                 |
| CAR            | CAR     | 0          | 0          | 14  | 0.69        | 50              | 21             | 100               | 0          | 0          | 5  | 0.25        | 360             | 100            | 100               |
| LAC            | CUB     | 0          | 0          | 11  | 0.58        | 109             | 73             | --                | 0          | 0          | 20   | 1.05        | 105             | 90             | 100               |
|                | DOM     | 0          | 0          | 31  | 0.94        | 26              | 84             | 91                | 0          | 0          | 38   | 1.15        | 21              | 87             | 63                |
|                | HTI     | 0          | 0          | 4   | 0.10        | 50              | 50             | 65                | 0          | 0          | 3  | 0.07        | 67              | 100            | 85                |
| MEX            | MEX     | 0          | 0          | 583   | 1.71        | 105             | 80             | --                | 0          | 0          | 594  | 1.75        | 107             | 87             | --                |
| NOA            | CAN     | 0          | 0          | 20  | 0.35        | 0               | --             | --                | 0          | 0          | 35   | 0.62        | 0               | 0              | --                |
|                | USA     | 0          | 0          | NR  | NR          | NR              | NR             | NR                | 0          | 0          | NR   | NR          | NR              | NR             | NR                |
| SOC            | ARG     | 0          | 0          | 168   | 1.65        | 55              | 70             | 92                | 0          | 0          | 175  | 1.72        | 58              | 78             | 100               |
|                | CHL     | 0          | 0          | 86  | 2.23        | 98              | 77             | 99                | 0          | 0          | 99   | 2.56        | 96              | 77             | 99                |
|                | PRY     | 0          | 0          | 23  | 1.05        | 61              | 61             | 0                 | 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>1613</b>   | <b>0.95</b> | <b>83</b>       | <b>76</b>      | <b>-</b>          | <b>0</b>   | <b>2</b>   | <b>2082</b>  | <b>1.22</b> | <b>73</b>       | <b>81</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 2012/27 - 2013/26

| 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    | Inadequate |                               | Total specimens with results | Total with reception & result dates | % Results ≤ 14 days |
| CAR            | DOM     | 29                                 | 1                    | 0                 | 0                 | 0               | 0                 | 3         | 23          | 2          | 11                            | 28                           | 27                                  | 100                 |
|                | HND     | 41                                 | 8                    | 0                 | 0                 | 0               | 0                 | 3         | 30          | 0          | 9                             | 33                           | 33                                  | 100                 |
|                | HTI     | 4                                  | 4                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | JAM     | 2                                  | 0                    | 1                 | 1                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | NIC     | 20                                 | 0                    | 2                 | 0                 | 0               | 0                 | 3         | 15          | 0          | 17                            | 18                           | 18                                  | 100                 |
|                | PAN     | 12                                 | 6                    | 0                 | 0                 | 0               | 0                 | 2         | 4           | 0          | 33                            | 6                            | 6                                   | 100                 |
|                | SLV     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
| CDC            | GTM     | 19                                 | 7                    | 0                 | 0                 | 0               | 0                 | 0         | 12          | 0          | 0                             | 12                           | 2                                   | 50                  |
|                | PRY     | 8                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 7           | 0          | 0                             | 7                            | 7                                   | 0                   |
|                | SLV     | 15                                 | 15                   | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
| FIO            | BRA     | 206                                | 24                   | 3                 | 1                 | 0               | 0                 | 17        | 161         | 0          | 10                            | 178                          | 163                                 | 77                  |
|                | PER     | 64                                 | 8                    | 1                 | 0                 | 0               | 0                 | 5         | 50          | 0          | 9                             | 55                           | 55                                  | 75                  |
| IEC            | BRA     | 33                                 | 4                    | 2                 | 1                 | 0               | 0                 | 1         | 25          | 0          | 4                             | 26                           | 21                                  | 67                  |
| INDRE          | MEX     | 587                                | 107                  | 16                | 1                 | 4               | 0                 | 21        | 433         | 1          | 5                             | 459                          | 458                                 | 83                  |
| INH            | VEN     | 25                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 25          | 0          | 0                             | 25                           | 23                                  | 17                  |
| INS            | COL     | 92                                 | 0                    | 1                 | 0                 | 0               | 0                 | 9         | 82          | 0          | 10                            | 91                           | 91                                  | 86                  |
|                | CRI     | 28                                 | 0                    | 3                 | 0                 | 0               | 0                 | 2         | 23          | 0          | 8                             | 25                           | 25                                  | 80                  |
|                | ECU     | 3                                  | 1                    | 2                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
| IPK            | CUB     | 11                                 | 5                    | 0                 | 0                 | 0               | 0                 | 0         | 6           | 0          | 0                             | 6                            | 6                                   | 100                 |
| ISP            | CHL     | 81                                 | 0                    | 1                 | 0                 | 0               | 0                 | 4         | 76          | 0          | 5                             | 80                           | 80                                  | 69                  |
| MAL            | ARG     | 167                                | 0                    | 20                | 0                 | 17              | 0                 | 8         | 122         | 0          | 17                            | 147                          | 145                                 | 79                  |
|                | BOL     | 47                                 | 13                   | 0                 | 2                 | 0               | 0                 | 1         | 31          | 0          | 3                             | 32                           | 27                                  | 26                  |
|                | URY     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
| (no lab. name) | CAN     | 20                                 | 14                   | 0                 | 0                 | 0               | 0                 | 0         | 6           | 0          | 0                             | 6                            | 0                                   | 0                   |
|                | DOM     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | NIC     | 12                                 | 0                    | 12                | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | PRY     | 10                                 | 10                   | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | VEN     | 16                                 | 2                    | 0                 | 0                 | 0               | 0                 | 1         | 13          | 0          | 7                             | 14                           | 12                                  | 33                  |
| <b>Total</b>   |         | <b>1555</b>                        | <b>233</b>           | <b>64</b>         | <b>6</b>          | <b>21</b>       | <b>0</b>          | <b>80</b> | <b>1144</b> | <b>3</b>   | <b>8</b>                      | <b>1248</b>                  | <b>1199</b>                         | <b>78</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 2012/27 - 2013/26

| 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       |                     |                                      |   |  |   |   |
| INDRE        | MEX     | 4                             | 0   | 1         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 3                                    | 3   | 0  | 67  | 100   |
| INS          | COL     | 0                             | 0   | 0         | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 1   | 100  | 100   | 100   |
| ISP          | CHL     | 0                             | 1   | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 1   | 0  | 100   | 100   |
| MAL          | ARG     | 17                            | 9   | 10        | 7         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 18                                   | 18  | 28   | 100   | 100   |
|              | BOL     | 0                             | 1   | 1         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 2                                    | 2   | 0  | 0   | 50  |
| <b>Total</b> |         | <b>21</b>                     | <b>11</b>                                     | <b>12</b> | <b>10</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>            | <b>25</b>                            | <b>25</b>   | <b>24</b>  | <b>88</b>                                     | <b>96</b>                                     |