



## Acute Flaccid Paralysis Surveillance in the Americas

Vol. 29, No.4

Week ending 25 January 2014

| Sub Region   | Country | Population <15 years * | Expected AFP cases | Reported AFP cases 2014/04 |
|--------------|---------|------------------------|--------------------|----------------------------|
| AND          | BOL     | 3,620,000              | 36                 | 2                          |
|              | COL     | 12,899,289             | 129                | 2                          |
|              | ECU     | 4,306,000              | 43                 | 0                          |
|              | PER     | 8,342,000              | 83                 | 4                          |
|              | VEN     | 8,439,000              | 84                 | 0                          |
| BRA          | BRA     | 47,062,224             | 471                | 0                          |
| CAP          | CRI     | 1,142,000              | 11                 | 0                          |
|              | GTM     | 5,877,000              | 59                 | 0                          |
|              | HND     | 3,155,746              | 32                 | 4                          |
|              | NIC     | 2,018,000              | 20                 | 3                          |
|              | PAN     | 1,087,657              | 10                 | 0                          |
|              | SLV     | 1,385,433              | 14                 | 0                          |
| CAR          | CAR     | 2,019,000              | 20                 | 0                          |
| LAC          | CUB     | 1,900,000              | 19                 | 0                          |
|              | DOM     | 3,307,000              | 33                 | 2                          |
|              | HTI     | 4,058,000              | 41                 | 0                          |
| MEX          | MEX     | 34,024,293             | 340                | 26                         |
| NOA          | CAN     | 5,686,000              | 57                 | 0                          |
|              | USA     | 60,921,000             | 609                | NR                         |
| SOC          | ARG     | 10,162,000             | 102                | 6                          |
|              | CHL     | 3,863,000              | 39                 | 3                          |
|              | PRY     | 2,181,224              | 22                 | 0                          |
|              | URY     | 772,000                | 8                  | 0                          |
| <b>Total</b> |         | <b>228,227,866</b>     | <b>2,282</b>       | <b>52</b>                  |

\*As reported by countries NR - No reporting

| Country      | Total 2013 | Cum. 2014 | Week      |          |           |          |
|--------------|------------|-----------|-----------|----------|-----------|----------|
|              |            |           | 1         | 2        | 3         | 4        |
| BOL          | 2          | 2         | 1         | 1        | 0         | 0        |
| COL          | 8          | 2         | 2         | 0        | 0         | 0        |
| ECU          | 11         | 1         | 0         | 1        | 0         | 0        |
| PER          | 11         | 4         | 1         | 1        | 2         | 0        |
| VEN          | 6          | 0         | 0         | 0        | 0         | 0        |
| BRA          | 103        | 0         | 0         | 0        | 0         | 0        |
| CRI          | 4          | 0         | 0         | 0        | 0         | 0        |
| GTM          | 11         | 0         | 0         | 0        | 0         | 0        |
| HND          | 6          | 4         | 3         | 1        | 0         | 0        |
| NIC          | 0          | 3         | 0         | 1        | 1         | 1        |
| PAN          | 5          | 0         | 0         | 0        | 0         | 0        |
| SLV          | 69         | 0         | 0         | 0        | 0         | 0        |
| CAR          | 12         | 0         | 0         | 0        | 0         | 0        |
| CUB          | 16         | 0         | 0         | 0        | 0         | 0        |
| DOM          | 6          | 2         | 0         | 1        | 1         | 0        |
| GLP          | 0          | 0         | 0         | 0        | 0         | 0        |
| GUF          | 0          | 0         | 0         | 0        | 0         | 0        |
| HTI          | 19         | 0         | 0         | 0        | 0         | 0        |
| MTQ          | 0          | 0         | 0         | 0        | 0         | 0        |
| MEX          | 100        | 20        | 8         | 2        | 7         | 3        |
| CAN          | 0          | 0         | 0         | 0        | 0         | 0        |
| ARG          | 14         | 6         | 3         | 0        | 2         | 1        |
| CHL          | 20         | 3         | 0         | 1        | 1         | 1        |
| PRY          | 17         | 0         | 0         | 0        | 0         | 0        |
| URY          | 0          | 0         | 0         | 0        | 0         | 0        |
| <b>Total</b> | <b>440</b> | <b>47</b> | <b>18</b> | <b>9</b> | <b>14</b> | <b>6</b> |

Table No.3  
Confirmed and compatible polio cases, and AFP surveillance indicators, 2014 and 2013

| Sub Region     | Country | Polio 2014 |            | AFP Cases and indicators, last 52 weeks (2013/05 - 2014/04) |             |                 |                |                   | Polio 2013 |            | AFP Cases and indicators, 2013 (2013/01 - 2013/52) |             |                 |                |                   |
|----------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|--|-------------|-----------------|----------------|-------------------|
|                |         | 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        | 96              | 87             | 82                | 0          | 0          | 50   | 1.38        | 96              | 86             | 82                |
|                | COL     | 0          | 0          | 138   | 1.07        | 38              | 75             | 96                | 0          | 0          | 142  | 1.10        | 38              | 77             | 96                |
|                | ECU     | 0          | 0          | 10  | 0.23        | 0               | 30             | ...               | 0          | 0          | 12   | 0.28        | 0               | 42             | ...               |
|                | PER     | 0          | 0          | 73  | 0.88        | 59              | 62             | ...               | 0          | 0          | 82   | 0.98        | 61              | 60             | ...               |
|                | VEN     | 0          | 0          | 50  | 0.59        | 94              | 70             | ...               | 0          | 0          | 55   | 0.65        | 95              | 69             | ...               |
| BRA            | BRA     | 0          | 0          | 310   | 0.66        | 94              | 66             | 93                | 0          | 0          | 336  | 0.71        | 93              | 66             | 94                |
| CAP            | CRI     | 0          | 0          | 14  | 1.23        | 57              | 86             | ...               | 0          | 0          | 15   | 1.31        | 60              | 87             | ...               |
|                | GTM     | 0          | 0          | 29  | 0.49        | 0               | 79             | 18                | 0          | 0          | 31   | 0.53        | 0               | 81             | 13                |
|                | HND     | 0          | 0          | 46  | 1.46        | 39              | 91             | 94                | 0          | 0          | 49   | 1.55        | 51              | 94             | 94                |
|                | NIC     | 0          | 0          | 20  | 0.99        | 85              | 85             | 100               | 0          | 0          | 17   | 0.84        | 82              | 82             | 100               |
|                | PAN     | 0          | 0          | 12  | 1.20        | 75              | 67             | 82                | 0          | 0          | 12   | 1.20        | 75              | 67             | 82                |
|                | SLV*    | 0          | 0          | 69  | 5.00        | 28              | 81             | 94                | 0          | 0          | 50   | 2.14        | 78              | 96             | ...               |
|                | CAR     | CAR        | 0          | 0   | 18          | 0.89            | 28             | 50                | 49         | 0          | 0  | 18          | 0.89            | 28             | 50                |
| LAC            | CUB     | 0          | 0          | 15  | 0.79        | 100             | 73             | 89                | 0          | 0          | 16   | 0.84        | 100             | 69             | 90                |
|                | DOM     | 0          | 0          | 35  | 1.06        | 6               | 80             | 76                | 0          | 0          | 35   | 1.06        | 6               | 80             | 79                |
|                | HTI     | 0          | 0          | 26  | 0.64        | 85              | 42             | 84                | 0          | 0          | 26   | 0.64        | 85              | 42             | 83                |
| MEX            | MEX     | 0          | 0          | 532   | 1.56        | 72              | 79             | ...               | 0          | 0          | 544  | 1.60        | 71              | 81             | ...               |
| NOA            | CAN     | 0          | 0          | 20  | 0.35        | ...             | ...            | ...               | 0          | 0          | 24   | 0.42        | 0               | 0              | ...               |
|                | USA     | 0          | 0          | NR  | NR          | NR              | NR             | NR                | 0          | 0          | NR   | NR          | NR              | NR             | NR                |
| SOC            | ARG     | 0          | 0          | 152   | 1.50        | 47              | 74             | 81                | 0          | 0          | 169  | 1.66        | 48              | 73             | 81                |
|                | CHL     | 0          | 0          | 73  | 1.89        | 93              | 73             | 98                | 0          | 0          | 76   | 1.97        | 95              | 76             | 98                |
|                | PRY     | 0          | 0          | 17  | 0.78        | 76              | 59             | 6                 | 0          | 0          | 18   | 0.83        | 72              | 61             | 6                 |
|                | URY     | 0          | 0          | ...   | ...         | ...             | ...            | ...               | 0          | 0          | 1  | 0.13        | 0               | 100            | ...               |
| <b>Total §</b> |         | <b>0</b>   | <b>0</b>   | <b>1705</b>   | <b>1.02</b> | <b>68</b>       | <b>72</b>      | <b>-</b>          | <b>0</b>   | <b>0</b>   | <b>1778</b>  | <b>1.06</b> | <b>68</b>       | <b>73</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  
\* 2013

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 2013/05 - 2014/04**

| 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     | 5                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 5           | 0        | 0          | 0                            | 5                                   | 5                             | 80                          |  |  |
|                | DOM     | 32                                 | 4                    | 0                 | 0                 | 0               | 0                 | 3         | 23          | 2        | 0          | 12                           | 28                                  | 28                            | 93                          |  |  |
|                | GUY     | 4                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 4           | 0        | 0          | 0                            | 4                                   | 4                             | 100                         |  |  |
|                | HND     | 39                                 | 3                    | 0                 | 0                 | 0               | 0                 | 4         | 31          | 0        | 1          | 11                           | 36                                  | 36                            | 100                         |  |  |
|                | HTI     | 32                                 | 21                   | 0                 | 0                 | 0               | 0                 | 0         | 11          | 0        | 0          | 0                            | 11                                  | 3                             | 100                         |  |  |
|                | JAM     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0        | 0          | 0                            | 1                                   | 1                             | 100                         |  |  |
|                | NIC     | 23                                 | 4                    | 0                 | 2                 | 0               | 0                 | 0         | 17          | 0        | 0          | 0                            | 17                                  | 17                            | 88                          |  |  |
|                | PAN     | 12                                 | 5                    | 0                 | 0                 | 0               | 0                 | 0         | 7           | 0        | 0          | 0                            | 7                                   | 7                             | 100                         |  |  |
|                | TTO     | 2                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0        | 0          | 0                            | 2                                   | 2                             | 100                         |  |  |
| CDC            | GTM     | 29                                 | 6                    | 0                 | 5                 | 0               | 0                 | 2         | 16          | 0        | 0          | 11                           | 18                                  | 9                             | 0                           |  |  |
|                | SLV*    | 63                                 | 6                    | ...               | ...               | ...             | ...               | ...       | ...         | ...      | ...        | ...                          | 49                                  | ...                           | ...                         |  |  |
| FIO            | BRA     | 217                                | 29                   | 0                 | 16                | 3               | 0                 | 6         | 163         | 0        | 0          | 5                            | 172                                 | 165                           | 78                          |  |  |
|                | PER     | 59                                 | 11                   | 0                 | 0                 | 0               | 0                 | 3         | 45          | 0        | 0          | 6                            | 48                                  | 48                            | 85                          |  |  |
| IEC            | BRA     | 45                                 | 8                    | 0                 | 1                 | 0               | 0                 | 2         | 34          | 0        | 0          | 6                            | 36                                  | 36                            | 75                          |  |  |
| INDRE          | MEX     | 546                                | 126                  | 0                 | 14                | 5               | 0                 | 39        | 362         | 0        | 0          | 11                           | 406                                 | 404                           | 95                          |  |  |
| INP            | PER     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 1        | 0          | 0                            | 1                                   | 1                             | 100                         |  |  |
| INS            | COL     | 130                                | 0                    | 0                 | 1                 | 0               | 0                 | 16        | 113         | 0        | 0          | 12                           | 129                                 | 129                           | 86                          |  |  |
|                | CRI     | 26                                 | 0                    | 0                 | 5                 | 0               | 0                 | 4         | 17          | 0        | 0          | 19                           | 21                                  | 21                            | 38                          |  |  |
|                | ECU     | 7                                  | 7                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
| IPK            | CUB     | 14                                 | 14                   | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
| ISP            | CHL     | 64                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 62          | 2        | 0          | 0                            | 64                                  | 64                            | 59                          |  |  |
| MAL            | ARG     | 148                                | 5                    | 0                 | 12                | 7               | 0                 | 4         | 120         | 0        | 0          | 8                            | 131                                 | 128                           | 83                          |  |  |
|                | BOL     | 46                                 | 4                    | 0                 | 2                 | 0               | 0                 | 4         | 36          | 0        | 0          | 10                           | 40                                  | 40                            | 68                          |  |  |
| (no lab. name) | BRA     | 2                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0        | 0          | 0                            | 1                                   | 1                             | 100                         |  |  |
|                | CAN     | 20                                 | 16                   | 0                 | 0                 | 0               | 0                 | 0         | 4           | 0        | 0          | 0                            | 4                                   | 0                             | 0                           |  |  |
|                | ECU     | 2                                  | 2                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
|                | HND     | 10                                 | 10                   | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
|                | PRY     | 15                                 | 15                   | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0        | 0          | 0                            | 0                                   | 0                             | 0                           |  |  |
| VEN            | 45      | 3                                  | 0                    | 0                 | 0                 | 0               | 0                 | 1         | 41          | 0        | 0          | 2                            | 42                                  | 18                            | 28                          |  |  |
| <b>Total</b>   |         | <b>1640</b>                        | <b>300</b>           | <b>0</b>          | <b>58</b>         | <b>15</b>       | <b>0</b>          | <b>89</b> | <b>1115</b> | <b>5</b> | <b>1</b>   | <b>9</b>                     | <b>1274</b>                         | <b>1168</b>                   | <b>84</b>                   |  |  |

... No data

Only stool specimens from AFP cases < 15 years shown

\* 2013, SLV has 57 specimens, pending to be reported

**Table No.2**  
**Status of Intratypic Differentiation (ITD) testing for specimens with isolated poliovirus, last 52 weeks**  
**Epidemiological weeks 2013/05 - 2014/04**

| 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 Indicators                                   |   |   |
|--------------|---------|-------------------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|---------------------|--------------------------------------|---|--|---|---|
|              |         |                               | Sabin   |          |          | VDPV     |          |          | Wild     |          |          |                     |                                      |   | % 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       |                     |                                      |   |  |   |   |
| FIO          | BRA     | 3                             | 1   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3                   | 1                                    | 1   | 100  | 100   | 100   |
| INDRE        | MEX     | 5                             | 0   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5                   | 0                                    | 0   | -  | -   | -   |
| INS          | COL     | 0                             | 0   | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 1   | 100  | 100   | 100   |
| MAL          | ARG     | 7                             | 3   | 3        | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 9                                    | 9   | 100  | 100   | 100   |
|              | BOL     | 0                             | 1   | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 2                                    | 2   | 50   | 0   | 0   |
| <b>Total</b> |         | <b>15</b>                     | <b>5</b>                                      | <b>4</b> | <b>6</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>8</b>            | <b>13</b>                            | <b>13</b>   | <b>92</b>  | <b>85</b>                                     | <b>85</b>                                     |