

## Acute Flaccid Paralysis Surveillance



Table No.1

Expected and reported AFP cases, 2013

| Sub Region   | Country | Population <15 years * | Expected AFP cases | Reported AFP cases 2013/01-09 |
|--------------|---------|------------------------|--------------------|-------------------------------|
| AND          | BOL     | 3,620,000              | 36                 | 6                             |
|              | COL     | 13,074,000             | 131                | 11                            |
|              | ECU     | 4,306,000              | 43                 | 0                             |
|              | PER     | 8,342,000              | 83                 | 14                            |
|              | VEN     | 8,439,000              | 84                 | 4                             |
| BRA          | BRA     | 49,477,000             | 495                | 1                             |
| CAP          | CRI     | 1,142,000              | 11                 | 1                             |
|              | GTM     | 5,877,000              | 59                 | 2                             |
|              | HND     | 341,479                | 30                 | 9                             |
|              | NIC     | 2,018,000              | 20                 | 0                             |
|              | PAN     | 999,000                | 10                 | 0                             |
|              | SLV     | 2,339,000              | 23                 | 0                             |
| CAR          | CAR     | 2,019,000              | 20                 | 0                             |
| LAC          | CUB     | 1,900,000              | 19                 | 1                             |
|              | DOM     | 3,307,000              | 33                 | 5                             |
|              | HTI     | 4,058,000              | 41                 | 0                             |
| MEX          | MEX     | 34,024,293             | 340                | 54                            |
| NOA          | CAN     | 5,686,000              | 57                 | 1                             |
|              | USA     | 60,921,000             | 609                | 0                             |
| SOC          | ARG     | 10,162,000             | 102                | 13                            |
|              | CHL     | 3,863,000              | 39                 | 10                            |
|              | PRY     | 2,000,000              | 20                 | 3                             |
|              | URY     | 772,000                | 8                  | 0                             |
| <b>Total</b> |         | <b>231,386,772</b>     | <b>2313</b>        | <b>135</b>                    |

\*As reported by countries

Table No.2

AFP cases under investigation, 2013

| Country      | Total 2012 | Cum. 2013 | Week      |           |           |           |           |          |           |          |          |
|--------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|----------|
|              |            |           | 1         | 2         | 3         | 4         | 5         | 6        | 7         | 8        | 9        |
| BOL          | 8          | 6         | 5         | 1         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| COL          | 1          | 6         | 0         | 0         | 1         | 0         | 0         | 1        | 4         | 0        | 0        |
| ECU          | 8          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| PER          | 6          | 13        | 5         | 3         | 2         | 1         | 1         | 1        | 0         | 0        | 0        |
| VEN          | 0          | 4         | 1         | 0         | 0         | 1         | 2         | 0        | 0         | 0        | 0        |
| BRA          | 97         | 1         | 1         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| CRI          | 3          | 1         | 0         | 0         | 1         | 0         | 0         | 0        | 0         | 0        | 0        |
| GTM          | 1          | 2         | 1         | 1         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| HND          | 8          | 9         | 3         | 0         | 2         | 2         | 1         | 0        | 1         | 0        | 0        |
| NIC          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| PAN          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| SLV          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| CUB          | 0          | 1         | 1         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| DOM          | 9          | 5         | 0         | 1         | 1         | 0         | 1         | 1        | 0         | 1        | 0        |
| GLP          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| GUF          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| HTI          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| MTQ          | 0          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| MEX          | 64         | 30        | 0         | 2         | 12        | 5         | 3         | 3        | 3         | 2        | 0        |
| CAN          | 23         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| ARG          | 2          | 3         | 0         | 1         | 0         | 0         | 2         | 0        | 0         | 0        | 0        |
| CHL          | 2          | 10        | 1         | 0         | 1         | 2         | 0         | 2        | 1         | 3        | 0        |
| PRY          | 10         | 3         | 0         | 1         | 0         | 0         | 0         | 0        | 1         | 0        | 1        |
| URY          | 2          | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0        | 0        |
| <b>Total</b> | <b>244</b> | <b>94</b> | <b>18</b> | <b>10</b> | <b>20</b> | <b>11</b> | <b>10</b> | <b>8</b> | <b>10</b> | <b>6</b> | <b>1</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 (2012/10 - 2013/09) |             |                 |                |                   | 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          | 43                                                          | 1.19        | 86              | 93             | --                | 0          | 0          | 45                                                 | 1.24        | 87              | 93             | --                |
|                | COL     | 0          | 0          | 99                                                          | 0.76        | 36              | 84             | 93                | 0          | 0          | 115                                                | 0.88        | 38              | 89             | 91                |
|                | ECU     | 0          | 0          | 15                                                          | 0.35        | 25              | 73             | 15                | 0          | 0          | 25                                                 | 0.58        | 44              | 80             | 40                |
|                | PER     | 0          | 0          | 89                                                          | 1.07        | 73              | 70             | --                | 0          | 0          | 99                                                 | 1.19        | 73              | 73             | --                |
|                | VEN     | 0          | 0          | 67                                                          | 0.79        | 85              | 78             | 47                | 0          | 0          | 79                                                 | 0.94        | 86              | 81             | 61                |
| BRA            | BRA     | 0          | 0          | 334                                                         | 0.68        | 97              | 75             | 96                | 0          | 0          | 432                                                | 0.87        | 97              | 74             | 96                |
| CAP            | CRI     | 0          | 0          | 22                                                          | 1.93        | 41              | 91             | 0                 | 0          | 0          | 23                                                 | 2.01        | 43              | 91             | 0                 |
|                | GTM     | 0          | 0          | 40                                                          | 0.68        | 5               | 83             | 5                 | 0          | 0          | 47                                                 | 0.80        | 15              | 79             | 5                 |
|                | HND     | 0          | 0          | 48                                                          | 1.58        | 100             | 92             | 86                | 0          | 0          | 59                                                 | 1.94        | 100             | 90             | 93                |
|                | NIC     | 0          | 0          | 27                                                          | 1.34        | 85              | 85             | 92                | 0          | 0          | 31                                                 | 1.54        | 81              | 87             | 100               |
|                | PAN     | 0          | 0          | 8                                                           | 0.80        | 100             | 100            | 30                | 0          | 0          | 8                                                  | 0.80        | 100             | 100            | 22                |
|                | SLV     | 0          | 0          | 40                                                          | 1.71        | 86              | 103            | 0                 | 0          | 0          | 50                                                 | 2.14        | 77              | 100            | 0                 |
| CAR            | CAR     | 0          | 0          | 3                                                           | 0.15        | 73              | 167            | 117               | 0          | 0          | 5                                                  | 0.25        | 80              | 160            | 138               |
| LAC            | CUB     | 0          | 0          | 18                                                          | 0.95        | 100             | 83             | --                | 0          | 0          | 20                                                 | 1.05        | 100             | 90             | 100               |
|                | DOM     | 0          | 0          | 34                                                          | 1.03        | 3               | 85             | 73                | 0          | 0          | 37                                                 | 1.12        | 3               | 89             | 63                |
|                | HTI     | 0          | 0          | 3                                                           | 0.07        | 33              | 67             | 79                | 0          | 0          | 3                                                  | 0.07        | 50              | 100            | 85                |
| MEX            | MEX     | 0          | 0          | 575                                                         | 1.69        | 58              | 75             | --                | 0          | 0          | 596                                                | 1.75        | 60              | 78             | --                |
| NOA            | CAN     | 0          | 0          | 16                                                          | 0.28        | 0               | 0              | --                | 0          | 0          | 23                                                 | 0.40        | 0               | 0              | --                |
|                | USA     | 0          | 0          | NR                                                          | NR          | NR              | NR             | NR                | 0          | 0          | NR                                                 | NR          | NR              | NR             | NR                |
| SOC            | ARG     | 0          | 0          | 135                                                         | 1.33        | 48              | 84             | 99                | 0          | 0          | 156                                                | 1.54        | 46              | 81             | 119               |
|                | CHL     | 0          | 0          | 95                                                          | 2.46        | 94              | 75             | 99                | 0          | 0          | 99                                                 | 2.56        | 95              | 77             | 99                |
|                | PRY     | 0          | 0          | 21                                                          | 1.05        | 57              | 76             | 0                 | 0          | 0          | 21                                                 | 1.05        | 67              | 81             | 0                 |
|                | URY     | 0          | 0          | 2                                                           | 0.26        | 0               | 50             | 0                 | 0          | 0          | 2                                                  | 0.26        | 0               | 50             | 0                 |
| <b>Total §</b> |         | <b>0</b>   | <b>0</b>   | <b>1734</b>                                                 | <b>1.03</b> | <b>67</b>       | <b>78</b>      | <b>-</b>          | <b>0</b>   | <b>0</b>   | <b>1975</b>                                        | <b>1.17</b> | <b>69</b>       | <b>79</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



# Poliovirus Surveillance in the Americas

**Table No.1**  
Virus isolation results and indicators, last 52 weeks  
Epidemiological weeks 2012/10 - 2013/09

| 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     | 34                                 | 14                   | 1                 | 0                 | 0               | 0                 | 4         | 15          | 0          | 21                            | 19                           | 20                                  | 100                 |
|                | HND     | 45                                 | 7                    | 1                 | 0                 | 0               | 0                 | 5         | 32          | 0          | 14                            | 37                           | 36                                  | 100                 |
|                | HTI     | 4                                  | 3                    | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0          | 0                             | 1                            | 1                                   | 0                   |
|                | JAM     | 2                                  | 0                    | 1                 | 1                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | NIC     | 30                                 | 3                    | 0                 | 0                 | 0               | 0                 | 5         | 22          | 0          | 19                            | 27                           | 20                                  | 100                 |
|                | PAN     | 8                                  | 0                    | 0                 | 0                 | 0               | 0                 | 2         | 6           | 0          | 25                            | 8                            | 8                                   | 100                 |
|                | SLV     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
| CDC            | GTM     | 40                                 | 4                    | 0                 | 0                 | 0               | 0                 | 9         | 27          | 0          | 25                            | 36                           | 26                                  | 8                   |
|                | PRY     | 12                                 | 1                    | 0                 | 0                 | 0               | 0                 | 1         | 10          | 0          | 9                             | 11                           | 1                                   | 0                   |
|                | SLV     | 39                                 | 23                   | 0                 | 0                 | 0               | 0                 | 0         | 16          | 0          | 0                             | 16                           | 11                                  | 0                   |
| FIO            | PER     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0          | 0                             | 1                            | 3                                   | 100                 |
|                | BRA     | 255                                | 57                   | 9                 | 2                 | 0               | 0                 | 13        | 174         | 0          | 7                             | 187                          | 1                                   | 80                  |
|                | PER     | 81                                 | 11                   | 1                 | 0                 | 0               | 0                 | 8         | 61          | 0          | 12                            | 69                           | 69                                  | 81                  |
| IEC            | BRA     | 42                                 | 10                   | 0                 | 0                 | 0               | 0                 | 0         | 32          | 0          | 0                             | 32                           | 30                                  | 37                  |
| INDRE          | MEX     | 575                                | 94                   | 17                | 2                 | 3               | 0                 | 23        | 436         | 1          | 6                             | 463                          | 462                                 | 84                  |
| INH            | ECU     | 1                                  | 0                    | 1                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | VEN     | 61                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 61          | 0          | 0                             | 61                           | 58                                  | 38                  |
| INP            | PER     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0          | 0                             | 1                            | 1                                   | 0                   |
| INS            | COL     | 91                                 | 0                    | 1                 | 0                 | 0               | 0                 | 5         | 84          | 1          | 6                             | 90                           | 90                                  | 90                  |
|                | CRI     | 43                                 | 0                    | 3                 | 0                 | 0               | 0                 | 2         | 38          | 0          | 5                             | 40                           | 40                                  | 83                  |
|                | ECU     | 13                                 | 1                    | 4                 | 0                 | 0               | 0                 | 1         | 7           | 0          | 13                            | 8                            | 7                                   | 14                  |
| IPK            | CUB     | 17                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 17          | 0          | 0                             | 17                           | 17                                  | 100                 |
| ISP            | ARG     | 2                                  | 0                    | 1                 | 0                 | 0               | 0                 | 0         | 1           | 0          | 0                             | 1                            | 1                                   | 100                 |
|                | CHL     | 88                                 | 0                    | 1                 | 0                 | 0               | 0                 | 4         | 80          | 3          | 5                             | 87                           | 87                                  | 68                  |
| MAL            | ARG     | 136                                | 0                    | 16                | 0                 | 12              | 0                 | 10        | 98          | 0          | 18                            | 120                          | 120                                 | 88                  |
|                | BOL     | 44                                 | 14                   | 0                 | 1                 | 0               | 0                 | 4         | 25          | 0          | 14                            | 29                           | 29                                  | 38                  |
|                | PRY     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0          | 0                             | 1                            | 1                                   | 100                 |
|                | URY     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0          | 0                             | 1                            | 0                                   | 0                   |
| (no lab. name) | CAN     | 16                                 | 8                    | 0                 | 0                 | 0               | 0                 | 0         | 8           | 0          | 0                             | 8                            | 0                                   | 0                   |
|                | CRI     | 3                                  | 2                    | 1                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | DOM     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | HND     | 3                                  | 3                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | NIC     | 20                                 | 4                    | 16                | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | PRY     | 5                                  | 5                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
|                | VEN     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0          | 0                             | 0                            | 0                                   | 0                   |
| <b>Total</b>   |         | <b>1717</b>                        | <b>267</b>           | <b>74</b>         | <b>6</b>          | <b>15</b>       | <b>0</b>          | <b>96</b> | <b>1255</b> | <b>5</b>   | <b>8</b>                      | <b>1371</b>                  | <b>1139</b>                         | <b>77</b>           |

... No data

Only stool specimens from AFP cases &lt; 15 years shown

**Table No.2**  
Status of Intratypic Differentiation (ITD) testing for specimens with isolated poliovirus, last 52 weeks  
Epidemiological weeks 2012/10 - 2013/09

| Epidemiological Weeks 2012/10 - 2013/03 |         |                               |                                               |    |    |      |    |    |      |    |    |                     |                                      |                                                         |                                                  |                                               |                                               |  |
|-----------------------------------------|---------|-------------------------------|-----------------------------------------------|----|----|------|----|----|------|----|----|---------------------|--------------------------------------|---------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------|--|
| 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 |                     |                                      |                                                         |                                                  |                                               |                                               |  |
| CAR                                     | DOM     | 0                             | 0                                             | 1  | 0  | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 1                                    | 1                                                       | 0                                                | 100                                           | 100                                           |  |
| FIO                                     | BRA     | 0                             | 1                                             | 3  | 2  | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 4                                    | 4                                                       | 25                                               | 100                                           | 100                                           |  |
| INDRE                                   | MEX     | 3                             | 0                                             | 0  | 3  | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 3                                    | 3                                                       | 0                                                | 100                                           | 100                                           |  |
| INS                                     | COL     | 0                             | 1                                             | 0  | 0  | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 1                                    | 1                                                       | 0                                                | 100                                           | 100                                           |  |
| INS-COL                                 | ECU     | 0                             | 0                                             | 0  | 1  | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 1                                    | 0                                                       | 0                                                | -                                             | -                                             |  |
| ISP                                     | ARG     | 0                             | 1                                             | 1  | 0  | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 1                                    | 1                                                       | 0                                                | 100                                           | 100                                           |  |
|                                         | CHL     | 0                             | 1                                             | 0  | 0  | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 1                                    | 1                                                       | 0                                                | 100                                           | 100                                           |  |
| MAL                                     | ARG     | 12                            | 6                                             | 6  | 6  | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 13                                   | 13                                                      | 8                                                | 100                                           | 100                                           |  |
|                                         | BOL     | 0                             | 1                                             | 0  | 0  | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 1                                    | 1                                                       | 0                                                | -                                             | 100                                           |  |
| Total                                   |         | 15                            | 11                                            | 11 | 12 | 0    | 0  | 0  | 0    | 0  | 0  | 0                   | 26                                   | 25                                                      | 8                                                | 100                                           | 100                                           |  |