



## Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 14 December 2019  
and 21 December 2019

**Table No.1**  
Expected and reported AFP cases, 2019

| Sub Region   | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2019/50-51 |
|--------------|---------|-----------------------|--------------------|-------------------------------|
| AND          | BOL     | 3,518,376             | 35                 | 22                            |
|              | COL     | 11,297,750            | 113                | 71                            |
|              | ECU     | 4,771,737             | 48                 | 22                            |
|              | PER     | 8,826,539             | 88                 | 105                           |
|              | VEN     | 8,801,443             | 88                 | 84                            |
| BRA          | BRA     | 45,418,678            | 454                | 326                           |
| CAP          | CRI     | 1,056,871             | 11                 | 16                            |
|              | GTM     | 6,149,723             | 61                 | 58                            |
|              | HND     | 2,490,741             | 25                 | 44                            |
|              | NIC     | 1,788,084             | 18                 | 25                            |
|              | PAN     | 1,089,927             | 11                 | 6                             |
|              | SLV     | 1,565,217             | 16                 | 32                            |
| CAR          | CAR     | 1,739,441             | 17                 | 2                             |
| LAC          | CUB     | 1,742,844             | 17                 | 22                            |
|              | DOM     | 3,144,441             | 31                 | 18                            |
|              | HTI     | 3,631,337             | 36                 | 14                            |
| MEX          | MEX     | 34,611,688            | 346                | 839                           |
| NOA          | CAN     | 6,045,577             | 60                 | 0                             |
|              | USA     | 61,851,315            | NR                 | NR                            |
| SOC          | ARG     | 11,041,661            | 110                | 132                           |
|              | CHL     | 3,567,505             | 36                 | 54                            |
|              | PRY     | 2,017,183             | 20                 | 25                            |
|              | URY     | 722,459               | 7                  | 8                             |
| <b>Total</b> |         | <b>226,890,537</b>    | <b>1648</b>        | <b>1925</b>                   |

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

| Country      | Total 2018 | Cumm. 2019 | Week       |          |           |           |           |          |          |          |          |  |
|--------------|------------|------------|------------|----------|-----------|-----------|-----------|----------|----------|----------|----------|--|
|              |            |            | 1-42       | 43       | 44        | 45        | 46        | 47       | 48       | 49       | 50-51    |  |
| BOL          | 0          | 5          | 3          | 0        | 0         | 0         | 1         | 1        | 0        | 0        | 0        |  |
| COL          | 0          | 0          | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        |  |
| ECU          | 0          | 5          | 5          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        |  |
| PER          | 0          | 47         | 37         | 0        | 7         | 1         | 2         | 0        | 0        | 0        | ...      |  |
| VEN          | 0          | 58         | 58         | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        |  |
| BRA          | 0          | 69         | 59         | 3        | 2         | 1         | 3         | 0        | 1        | 0        | ...      |  |
| CRI          | 0          | 1          | 1          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | ...      |  |
| GTM          | 0          | 12         | 7          | 1        | 3         | 1         | 0         | 0        | 0        | 0        | 0        |  |
| HND          | 0          | 7          | 4          | 0        | 0         | 0         | 2         | 1        | 0        | 0        | 0        |  |
| NIC          | 0          | 9          | 6          | 0        | 2         | 0         | 1         | 0        | 0        | 0        | 0        |  |
| PAN          | 0          | 5          | 2          | 0        | 0         | 1         | 0         | 1        | 1        | 0        | 0        |  |
| SLV          | 0          | 4          | 2          | 0        | 0         | 2         | 0         | 0        | 0        | 0        | 0        |  |
| CAR          | 0          | 0          | 0          | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        |  |
| CUB          | 0          | 13         | 9          | 0        | 2         | 2         | 0         | 0        | 0        | 0        | 0        |  |
| DOM          | 0          | 7          | 5          | 0        | 2         | 0         | 0         | 0        | 0        | 0        | 0        |  |
| HTI          | 10         | 19         | 18         | 0        | 0         | 0         | 0         | 1        | 0        | 0        | 0        |  |
| MEX          | 0          | 19         | 2          | 0        | 0         | 0         | 5         | 3        | 4        | 4        | 1        |  |
| CAN          | 0          | 0          | 0          | ...      | ...       | ...       | ...       | ...      | ...      | ...      | ...      |  |
| USA          | NR         | NR         | NR         | NR       | NR        | NR        | NR        | NR       | NR       | NR       | NR       |  |
| ARG          | 0          | 16         | 16         | 0        | 0         | 0         | 0         | 0        | 0        | 0        | ...      |  |
| CHL          | 0          | 8          | 4          | 1        | 0         | 1         | 0         | 0        | 0        | 1        | 1        |  |
| PRY          | 0          | 4          | 0          | 0        | 0         | 1         | 2         | 0        | 1        | 0        | 0        |  |
| URY          | 0          | 4          | 4          | ...      | ...       | ...       | ...       | ...      | ...      | ...      | ...      |  |
| <b>Total</b> | <b>10</b>  | <b>312</b> | <b>242</b> | <b>5</b> | <b>18</b> | <b>10</b> | <b>16</b> | <b>7</b> | <b>7</b> | <b>5</b> | <b>2</b> |  |

\*As reported by countries NR - No reporting ... - No data

**Table No.3** Confirmed and compatible polio cases, and AFP surveillance indicators, 2019 and 2018

| Sub Region     | Country | Polio 2019 |            | AFP Cases and indicators, last 52 weeks (2018/51 - 2019/50) |             |                 |                |                   | Polio 2018 |            | AFP Cases and indicators, 2018 (2018/1 - 2018/52) |             |                 |                |                   |
|----------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|---|-------------|-----------------|----------------|-------------------|
|                |         | 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          | 23  | 0.65        | 74              | 83             | 0                 | 0          | 0          | 45  | 1.29        | 96              | 82             | ...               |
|                | COL     | 0          | 0          | 75  | 0.65        | 67              | 95             | 97                | 0          | 0          | 168   | 1.45        | 51              | 85             | 96                |
|                | ECU     | 0          | 0          | 24  | 0.50        | 83              | 79             | 0                 | 0          | 0          | 60  | 1.28        | 100             | 72             | 15                |
|                | PER     | 0          | 0          | 108   | 1.22        | 70              | 62             | 8                 | 0          | 0          | 77  | 0.88        | 78              | 71             | 6                 |
|                | VEN     | 0          | 0          | 86  | 0.98        | 100             | 66             | 0                 | 0          | 3          | 85  | 0.97        | 100             | 71             | ...               |
| BRA            | BRA     | 0          | 0          | 334   | 0.70        | 99              | 61             | 96                | 0          | 1          | 501   | 1.06        | 98              | 65             | 92                |
| CAP            | CRI     | 0          | 0          | 16  | 1.51        | 94              | 38             | 74                | 0          | 0          | 15  | 1.41        | 73              | 80             | 43                |
|                | GTM     | 0          | 1          | 58  | 0.94        | 81              | 74             | 100               | 0          | 0          | 59  | 0.98        | 36              | 76             | 99                |
|                | HND     | 0          | 0          | 47  | 1.46        | 62              | 89             | 90                | 0          | 0          | 50  | 1.55        | 60              | 92             | 90                |
|                | NIC     | 0          | 0          | 27  | 1.49        | 100             | 100            | 100               | 0          | 0          | 19  | 1.05        | 100             | 100            | 100               |
|                | PAN     | 0          | 0          | 7   | 0.64        | 71              | 100            | 89                | 0          | 0          | 16  | 1.49        | 81              | 81             | 87                |
|                | SLV     | 0          | 0          | 32  | 2.04        | 53              | 91             | 15                | 0          | 0          | 42  | 2.58        | 31              | 93             | 21                |
| CAR            | CAR     | 0          | 0          | 2   | 0.11        | 100             | 100            | 83                | 0          | 0          | 8   | 0.45        | 75              | 38             | 89                |
| LAC            | CUB     | 0          | 0          | 22  | 1.26        | 73              | 91             | 100               | 0          | 0          | 27  | 1.48        | 81              | 96             | 100               |
|                | DOM     | 0          | 0          | 18  | 0.57        | 22              | 89             | 0                 | 0          | 0          | 15  | 0.48        | 33              | 93             | ...               |
|                | HTI     | 0          | 0          | 14  | 0.39        | 86              | 43             | 86                | 0          | 0          | 6   | 0.17        | 100             | 33             | 84                |
| MEX            | MEX     | 0          | 0          | 861   | 2.46        | 100             | 88             | 60                | 0          | 0          | 705   | 2.02        | 99              | 90             | 38                |
| NOA            | CAN     | 0          | 0          | ...   | ...         | ...             | ...            | ...               | 0          | 0          | 49  | ...         | ...             | ...            | ...               |
|                | USA     | NR         | NR         | NR  | NR          | NR              | NR             | NR                | NR         | NR         | NR  | NR          | NR              | NR             | NR                |
| SOC            | ARG     | 0          | 0          | 144   | 1.30        | 23              | 68             | 100               | 0          | 0          | 200   | 1.82        | 35              | 80             | 84                |
|                | CHL     | 0          | 0          | 56  | 1.55        | 80              | 68             | 93                | 0          | 0          | 64  | 1.78        | 73              | 61             | 95                |
|                | PRY     | 0          | 0          | 26  | 1.25        | 81              | 85             | 95                | 0          | 0          | 36  | 1.73        | 83              | 94             | 87                |
|                | URY     | 0          | 0          | 8   | 1.11        | 100             | ...            | 0                 | 0          | 0          | 6   | 0.82        | 100             | 50             | ...               |
| <b>Total §</b> |         | <b>0</b>   | <b>1</b>   | <b>1988</b>   | <b>1.25</b> | <b>86</b>       | <b>78</b>      | <b>-</b>          | <b>0</b>   | <b>4</b>   | <b>2253</b>                                       | <b>1.34</b> | <b>83</b>       | <b>79</b>      | <b>...</b>        |

+ Taken within 14 days of onset of paralysis

... - No data

CAR includes reports from all CARPHA member countries

§ Excluding USA

NR - No reporting

Only data for AFP cases in children < 15 years shown on Table 1 and 3

Issues of the Polio Weekly Bulletin can be accessed at: <http://www.paho.org/immunization/PolioBulletin>



**Table No.1**  
**Virus isolation results and indicators, last 52 weeks**  
**Epidemiological weeks 2018/51 - 2019/50**

| Lab.           | Country | Number of specimens from AFP cases | Virus Isolation Test |                   |                   |                 |                   |            |             |          |            |                               |                              | Timing of isolation results         |                     |  |
|----------------|---------|------------------------------------|----------------------|-------------------|-------------------|-----------------|-------------------|------------|-------------|----------|------------|-------------------------------|------------------------------|-------------------------------------|---------------------|--|
|                |         |                                    | Pending results      |                   |                   | With results    |                   |            |             |          |            | % Positive specimens for NPEV | 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            | AIA     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 1           | 0        | 0          | 0                             | 1                            | 1                                   | 100                 |  |
|                | BLZ     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 1           | 0        | 0          | 0                             | 1                            | 1                                   | 100                 |  |
|                | DOM     | 12                                 | 1                    | 0                 | 0                 | 0               | 0                 | 2          | 9           | 0        | 0          | 18                            | 11                           | 11                                  | 100                 |  |
|                | HTI     | 15                                 | 7                    | 0                 | 0                 | 1               | 0                 | 0          | 7           | 0        | 0          | 13                            | 8                            | 8                                   | 88                  |  |
|                | NIC     | 30                                 | 8                    | 0                 | 0                 | 0               | 0                 | 4          | 18          | 0        | 0          | 18                            | 22                           | 22                                  | 100                 |  |
|                | PRY     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 1           | 0        | 0          | 0                             | 1                            | 1                                   | 0                   |  |
| CDC            | CRI     | 6                                  | 0                    | 0                 | 3                 | 0               | 0                 | 2          | 1           | 0        | 0          | 67                            | 3                            | 3                                   | 67                  |  |
|                | GTM     | 57                                 | 13                   | 0                 | 3                 | 0               | 0                 | 15         | 26          | 0        | 0          | 37                            | 41                           | 35                                  | 14                  |  |
|                | HND     | 41                                 | 0                    | 0                 | 2                 | 0               | 0                 | 2          | 37          | 0        | 0          | 5                             | 39                           | 38                                  | 89                  |  |
|                | PAN     | 7                                  | 5                    | 0                 | 0                 | 0               | 0                 | 1          | 1           | 0        | 0          | 50                            | 2                            | 2                                   | 50                  |  |
|                | PRY     | 25                                 | 4                    | 0                 | 0                 | 0               | 0                 | 3          | 18          | 0        | 0          | 14                            | 21                           | 21                                  | 29                  |  |
|                | SLV     | 31                                 | 0                    | 0                 | 1                 | 0               | 0                 | 0          | 30          | 0        | 0          | 0                             | 30                           | 30                                  | 0                   |  |
| FIO            | BRA     | 223                                | 19                   | 0                 | 10                | 1               | 0                 | 5          | 188         | 0        | 0          | 3                             | 194                          | 192                                 | 72                  |  |
|                | PER     | 78                                 | 16                   | 0                 | 2                 | 0               | 0                 | 3          | 57          | 0        | 0          | 5                             | 60                           | 60                                  | 90                  |  |
| IEC            | BRA     | 48                                 | 3                    | 0                 | 1                 | 0               | 0                 | 3          | 41          | 0        | 0          | 7                             | 44                           | 38                                  | 82                  |  |
| INDRE          | MEX     | 781                                | 1                    | 28                | 6                 | 3               | 0                 | 64         | 682         | 0        | 0          | 9                             | 749                          | 747                                 | 93                  |  |
| INH            | VEN     | 72                                 | 14                   | 0                 | 5                 | 2               | 0                 | 7          | 42          | 0        | 0          | 18                            | 51                           | 47                                  | 19                  |  |
| INS            | COL     | 76                                 | 0                    | 0                 | 1                 | 0               | 0                 | 6          | 69          | 0        | 0          | 8                             | 75                           | 75                                  | 91                  |  |
| INS            | CRI     | 1                                  | 0                    | 0                 | 1                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | ECU     | 20                                 | 3                    | 0                 | 0                 | 0               | 0                 | 0          | 17          | 0        | 0          | 0                             | 17                           | 17                                  | 65                  |  |
| IPK            | CUB     | 22                                 | 0                    | 0                 | 11                | 0               | 0                 | 2          | 9           | 0        | 0          | 18                            | 11                           | 11                                  | 73                  |  |
| ISP            | CHL     | 48                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0          | 48          | 0        | 0          | 0                             | 48                           | 48                                  | 94                  |  |
| MAL            | ARG     | 120                                | 0                    | 0                 | 1                 | 1               | 0                 | 8          | 110         | 0        | 0          | 8                             | 119                          | 118                                 | 64                  |  |
|                | BOL     | 22                                 | 1                    | 1                 | 1                 | 0               | 0                 | 0          | 19          | 0        | 0          | 0                             | 19                           | 11                                  | 45                  |  |
| (no lab. name) | BOL     | 2                                  | 2                    | 0                 | 0                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | CRI     | 4                                  | 0                    | 0                 | 4                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | DOM     | 5                                  | 5                    | 0                 | 0                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | ECU     | 3                                  | 3                    | 0                 | 0                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | HND     | 6                                  | 6                    | 0                 | 0                 | 0               | 0                 | 0          | 0           | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | PER     | 6                                  | 5                    | 0                 | 0                 | 0               | 0                 | 0          | 1           | 0        | 0          | 0                             | 1                            | 1                                   | 100                 |  |
| VEN            | 1       | 0                                  | 0                    | 0                 | 0                 | 0               | 0                 | 1          | 0           | 0        | 100        | 1                             | 1                            | 0                                   |                     |  |
| <b>Total</b>   |         | <b>1765</b>                        | <b>116</b>           | <b>29</b>         | <b>52</b>         | <b>8</b>        | <b>0</b>          | <b>128</b> | <b>1433</b> | <b>0</b> | <b>0</b>   | <b>9</b>                      | <b>1569</b>                  | <b>1539</b>                         | <b>80</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 2018/51 - 2019/50**

| 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          | HTI     | 1                             | 0   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 0   | 0  | -   | -   | -   |
| FIO          | BRA     | 1                             | 0   | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 0                                    | 1   | 1  | 100   | 0   | 0   |
| INDRE        | MEX     | 3                             | 1   | 0        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 0                                    | 3   | 3  | 100   | 100   | 100 |
| INH          | VEN     | 2                             | 2   | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 0                                    | 2   | 2  | 0   | 50  | 50  |
| MAL          | ARG     | 1                             | 0   | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 0                                    | 1   | 1  | 100   | 100   | 100 |
| <b>Total</b> |         | <b>8</b>                      | <b>3</b>                                      | <b>0</b> | <b>6</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b>            | <b>7</b>                             | <b>7</b>  | <b>71</b>  | <b>71</b>                                     | <b>71</b>                                     |     |