



## Acute Flaccid Paralysis Surveillance in the Americas

Vol. 36, No. 29

Week ending 24 July 2021

**Table No.1**

**Expected and reported AFP cases, 2021**

| Sub Region   | Country | Population <15 years+ | Expected AFP cases | Reported AFP cases 2021/29 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND          | BOL     | 3,526,569             | 35                 | 10                         |
|              | COL     | 11,220,515            | 112                | 49                         |
|              | ECU     | 4,859,863             | 49                 | 8                          |
|              | PER     | 8,230,772             | 82                 | 13                         |
|              | VEN     | 7,616,917             | 76                 | 30                         |
| BRA          | BRA     | 43,762,925            | 438                | 113                        |
| CAP          | CRI     | 1,057,485             | 11                 | 4                          |
|              | GTM     | 6,001,279             | 60                 | 22                         |
|              | HND     | 3,029,636             | 30                 | 19                         |
|              | NIC     | 1,950,921             | 20                 | 5                          |
|              | PAN     | 1,149,713             | 11                 | 1                          |
|              | SLV     | 1,714,809             | 17                 | 1                          |
| CAR          | CAR     | 1,804,761             | 18                 | 1                          |
| LAC          | CUB     | 1,780,418             | 18                 | 0                          |
|              | DOM     | 2,976,041             | 30                 | 0                          |
|              | HTI     | 3,705,736             | 37                 | 3                          |
| MEX          | MEX     | 33,200,376            | 332                | 249                        |
| NOA          | CAN     | 5,995,721             | 60                 | 2                          |
|              | USA     | 60,736,996            | 607                | NR                         |
| SOC          | ARG     | 11,069,782            | 111                | 3                          |
|              | CHL     | 3,653,033             | 37                 | 14                         |
|              | PRY     | 2,067,080             | 21                 | 8                          |
|              | URY     | 704,702               | 7                  | 0                          |
| <b>Total</b> |         | <b>221,816,050</b>    | <b>2219</b>        | <b>555</b>                 |

**Table No.2**

**AFP cases under investigation (All ages)**

| Country      | Total 2020 | Cumm. 2021 | Week      |          |          |           |          |          |          |          |          |     |     |  |  |
|--------------|------------|------------|-----------|----------|----------|-----------|----------|----------|----------|----------|----------|-----|-----|--|--|
|              |            |            | 1-21      | 22       | 23       | 24        | 25       | 26       | 27       | 28       | 29       |     |     |  |  |
| BOL          | 0          | 7          | 6         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 1        | 0   | 0   |  |  |
| COL          | 0          | 0          | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 0   |  |  |
| ECU          | 0          | 6          | 5         | 0        | 0        | 0         | 1        | 0        | ...      | ...      | ...      | ... | ... |  |  |
| PER          | 3          | 13         | 8         | 0        | 0        | 2         | 2        | 0        | 0        | 0        | 0        | 1   | 0   |  |  |
| VEN          | 4          | 20         | 10        | 2        | 1        | 1         | 3        | 2        | 0        | 0        | 1        | 0   | 0   |  |  |
| BRA          | 0          | 40         | 22        | 3        | 3        | 7         | 2        | 0        | 3        | 0        | 0        | 0   | 0   |  |  |
| CRI          | 2          | 2          | 2         | 0        | 0        | 0         | ...      | ...      | ...      | ...      | ...      | ... | ... |  |  |
| GTM          | 5          | 6          | 4         | 0        | 1        | 0         | 0        | 0        | 1        | 0        | ...      | ... | ... |  |  |
| HND          | 0          | 8          | 3         | 1        | 1        | 1         | 0        | 2        | 0        | 0        | 0        | 0   | 0   |  |  |
| NIC          | 0          | 2          | 1         | 0        | 1        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 0   |  |  |
| PAN          | 0          | 1          | 1         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 0   |  |  |
| SLV          | 0          | 1          | 1         | ...      | ...      | ...       | ...      | ...      | ...      | ...      | ...      | ... | ... |  |  |
| CAR          | 2          | 0          | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 0   |  |  |
| CUB          | 0          | 0          | 0         | ...      | ...      | ...       | ...      | ...      | ...      | ...      | ...      | ... | ... |  |  |
| DOM          | 2          | 0          | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 0   |  |  |
| HTI          | 7          | 3          | 3         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 0   |  |  |
| MEX          | 1          | 1          | 1         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 0   |  |  |
| CAN          | 0          | 0          | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 0   |  |  |
| USA          | NR         | NR         | NR        | NR       | NR       | NR        | NR       | NR       | NR       | NR       | NR       | NR  | NR  |  |  |
| ARG          | 0          | 1          | 1         | 0        | 0        | 0         | ...      | ...      | ...      | ...      | ...      | ... | ... |  |  |
| CHL          | 0          | 0          | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 0   |  |  |
| PRY          | 0          | 5          | 3         | 0        | 1        | 0         | 0        | 0        | 0        | 0        | 0        | 0   | 1   |  |  |
| URY          | 1          | 0          | 0         | ...      | ...      | ...       | ...      | ...      | ...      | ...      | ...      | ... | ... |  |  |
| <b>Total</b> | <b>27</b>  | <b>116</b> | <b>71</b> | <b>6</b> | <b>8</b> | <b>11</b> | <b>8</b> | <b>4</b> | <b>5</b> | <b>1</b> | <b>2</b> |     |     |  |  |

\* UN population estimated for 2019      NR - No reporting      ... - No data

**Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2021 and 2020**

| Sub Region     | Country | Polio 2021 |            | AFP Cases and indicators, last 52 weeks (2020/31 - 2021/29) |             |                 |                |                   | Polio 2020 |            | AFP Cases and indicators, 2020 (2020/1 - 2020/53) |             |                 |                |                   |
|----------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|---|-------------|-----------------|----------------|-------------------|
|                |         | 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          | 19  | 0.54        | 100             | 79             | ...               | 0          | 0          | 16  | 0.45        | 100             | 75             | ...               |
|                | COL     | 0          | 0          | 82  | 0.73        | 67              | 85             | ...               | 0          | 0          | 96  | 0.85        | 72              | 80             | ...               |
|                | ECU     | 0          | 0          | 10  | 0.21        | 50              | 70             | ...               | 0          | 0          | 20  | 0.41        | 80              | 70             | ...               |
|                | PER     | 0          | 0          | 22  | 0.27        | 68              | 55             | 2                 | 0          | 0          | 45  | 0.55        | 64              | 69             | 6                 |
|                | VEN     | 0          | 0          | 67  | 0.86        | 96              | 52             | ...               | 0          | 2          | 74  | 0.95        | 96              | 53             | ...               |
| BRA            | BRA     | 0          | 0          | 204   | 0.46        | 99              | 61             | 92                | 0          | 0          | 248   | 0.56        | 98              | 67             | 94                |
| CAP            | CRI     | 0          | 0          | 7   | 0.66        | 86              | 71             | 99                | 0          | 0          | 14  | 1.32        | 93              | 93             | 100               |
|                | GTM     | 0          | 0          | 42  | 0.70        | 86              | 64             | 97                | 0          | 0          | 39  | 0.65        | 79              | 72             | 100               |
|                | HND     | 0          | 0          | 38  | 1.25        | 79              | 84             | 91                | 0          | 0          | 50  | 1.65        | 82              | 90             | 91                |
|                | NIC     | 0          | 0          | 15  | 0.77        | 93              | 80             | 100               | 0          | 0          | 18  | 0.92        | 89              | 78             | 100               |
|                | PAN     | 0          | 0          | 4   | 0.35        | 100             | 100            | 85                | 0          | 0          | 11  | 0.96        | 45              | 100            | 86                |
|                | SLV     | 0          | 0          | 9   | 0.52        | 44              | 89             | 8                 | 0          | 0          | 17  | 0.99        | 47              | 94             | 9                 |
| CAR            | CAR     | 0          | 0          | 2   | 0.11        | ...             | 50             | 61                | 0          | 0          | 4   | 0.22        | 50              | 25             | 72                |
| LAC            | CUB     | 0          | 0          | 11  | 0.61        | 82              | 91             | 100               | 0          | 0          | 21  | 1.16        | 81              | 95             | 100               |
|                | DOM     | 0          | 0          | 5   | 0.17        | ...             | 40             | ...               | 0          | 0          | 11  | 0.37        | 9               | 55             | ...               |
|                | HTI     | 0          | 0          | 7   | 0.19        | 71              | 57             | 94                | 0          | 0          | 8   | 0.22        | 50              | 38             | 92                |
| MEX            | MEX     | 0          | 0          | 396   | 1.19        | 99              | 78             | 30                | 0          | 0          | 474   | 1.42        | 99              | 82             | 30                |
| NOA            | CAN     | 0          | 0          | 2   | 0.03        | ...             | ...            | ...               | 0          | 0          | 7   | 0.12        | ...             | 29             | ...               |
|                | USA     | NR         | NR         | NR  | NR          | NR              | NR             | NR                | NR         | NR         | NR  | NR          | NR              | NR             | NR                |
| SOC            | ARG     | 0          | 0          | 35  | 0.32        | 26              | 74             | ...               | 0          | 0          | 86  | 0.78        | 34              | 74             | ...               |
|                | CHL     | 0          | 0          | 34  | 0.92        | 94              | 65             | 53                | 0          | 0          | 41  | 1.11        | 71              | 66             | 47                |
|                | PRY     | 0          | 0          | 21  | 1.02        | 90              | 62             | 95                | 0          | 0          | 19  | 0.92        | 89              | 58             | 93                |
|                | URY     | 0          | 0          | 1   | 0.14        | ...             | 100            | ...               | 0          | 0          | 1   | 0.14        | ...             | 100            | ...               |
| <b>Total</b> § |         | <b>0</b>   | <b>0</b>   | <b>1033</b>   | <b>0.64</b> | <b>89</b>       | <b>71</b>      | <b>...</b>        | <b>0</b>   | <b>2</b>   | <b>1320</b>                                       | <b>0.82</b> | <b>85</b>       | <b>75</b>      | <b>...</b>        |

+ Taken within 14 days of onset of paralysis  
§ Excluding USA

... - No data  
NR - No reporting

CAR includes reports from all CARPHA member countries

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 2020/31 - 2021/29**

| 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            | BLZ     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1          | 0        | 0          | 0                             | 1                            | 1                                   | 100                 |  |
|                | DOM     | 4                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 4          | 0        | 0          | 0                             | 4                            | 4                                   | 100                 |  |
|                | GUY     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1          | 0        | 0          | 0                             | 1                            | 1                                   | 100                 |  |
|                | HTI     | 7                                  | 4                    | 0                 | 0                 | 0               | 0                 | 1         | 2          | 0        | 0          | 33                            | 3                            | 3                                   | 67                  |  |
|                | NIC     | 25                                 | 1                    | 0                 | 0                 | 0               | 0                 | 2         | 22         | 0        | 0          | 8                             | 24                           | 24                                  | 96                  |  |
|                | PAN     | 5                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 4          | 0        | 0          | 0                             | 4                            | 4                                   | 100                 |  |
| CDC            | BOL     | 12                                 | 4                    | 0                 | 0                 | 0               | 0                 | 1         | 7          | 0        | 0          | 13                            | 8                            | 8                                   | 63                  |  |
|                | CRI     | 9                                  | 3                    | 0                 | 0                 | 0               | 0                 | 0         | 6          | 0        | 0          | 0                             | 6                            | 6                                   | 0                   |  |
|                | GTM     | 42                                 | 10                   | 0                 | 0                 | 0               | 0                 | 6         | 26         | 0        | 0          | 19                            | 32                           | 29                                  | 3                   |  |
|                | HND     | 30                                 | 0                    | 0                 | 0                 | 0               | 0                 | 1         | 29         | 0        | 0          | 3                             | 30                           | 30                                  | 100                 |  |
|                | PRY     | 20                                 | 5                    | 0                 | 0                 | 0               | 0                 | 0         | 15         | 0        | 0          | 0                             | 15                           | 15                                  | 47                  |  |
|                | SLV     | 9                                  | 0                    | 0                 | 1                 | 0               | 0                 | 0         | 8          | 0        | 0          | 0                             | 8                            | 8                                   | 0                   |  |
| FIO            | BRA     | 139                                | 9                    | 0                 | 14                | 6               | 1                 | 1         | 108        | 0        | 0          | 6                             | 116                          | 116                                 | 87                  |  |
|                | PER     | 8                                  | 3                    | 0                 | 0                 | 0               | 0                 | 0         | 5          | 0        | 0          | 0                             | 5                            | 5                                   | 100                 |  |
| IEC            | BRA     | 23                                 | 4                    | 0                 | 1                 | 0               | 0                 | 0         | 18         | 0        | 0          | 0                             | 18                           | 18                                  | 56                  |  |
| INDRE          | MEX     | 327                                | 0                    | 21                | 12                | 0               | 0                 | 32        | 262        | 0        | 0          | 11                            | 294                          | 291                                 | 97                  |  |
| INH            | VEN     | 48                                 | 10                   | 0                 | 1                 | 1               | 0                 | 0         | 36         | 0        | 0          | 3                             | 37                           | 36                                  | 39                  |  |
| INS            | COL     | 81                                 | 1                    | 1                 | 2                 | 0               | 0                 | 0         | 77         | 0        | 0          | 0                             | 77                           | 77                                  | 73                  |  |
| INS            | ECU     | 6                                  | 0                    | 0                 | 1                 | 0               | 0                 | 0         | 5          | 0        | 0          | 0                             | 5                            | 5                                   | 20                  |  |
| IPK            | CUB     | 11                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 11         | 0        | 0          | 0                             | 11                           | 11                                  | 100                 |  |
| ISP            | CHL     | 29                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 29         | 0        | 0          | 0                             | 29                           | 29                                  | 76                  |  |
| MAL            | ARG     | 29                                 | 0                    | 0                 | 0                 | 0               | 0                 | 1         | 28         | 0        | 0          | 3                             | 29                           | 29                                  | 86                  |  |
| (no lab. name) | BOL     | 11                                 | 11                   | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | CRI     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | ECU     | 4                                  | 4                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | HND     | 7                                  | 7                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | HTI     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | PER     | 10                                 | 10                   | 0                 | 0                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
|                | URY     | 1                                  | 0                    | 0                 | 1                 | 0               | 0                 | 0         | 0          | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |  |
| VEN            | 2       | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1          | 0        | 0          | 0                             | 1                            | 1                                   | 100                 |  |
| <b>Total</b>   |         | <b>903</b>                         | <b>90</b>            | <b>22</b>         | <b>33</b>         | <b>7</b>        | <b>1</b>          | <b>45</b> | <b>705</b> | <b>0</b> | <b>0</b>   | <b>7</b>                      | <b>758</b>                   | <b>751</b>                          | <b>81</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 2020/31 - 2021/29**

| 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       |                     |                                      |   |  |   |   |
| FIO          | BRA     | 7                             | 4   | 0        | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 8                                    | 8   | 88   | 88  | 88  |
| INH          | VEN     | 1                             | 0   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1                   | 0                                    | 0   | -  | -   | -   |
| <b>Total</b> |         | <b>8</b>                      | <b>4</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>8</b>                             | <b>8</b>  | <b>88</b>  | <b>88</b>                                     | <b>88</b>                                     |