

## Acute Flaccid Paralysis Surveillance in the Americas

Vol. 37, No. 26

Week ending 2 July 2022

**Table No.1**

**Expected and reported AFP cases, 2022**

| Sub Region   | Country | Population <15 years+ | Expected AFP cases | Reported AFP cases 2022/26 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND          | BOL     | 3,530,417             | 35                 | 8                          |
|              | COL     | 11,121,585            | 111                | 68                         |
|              | ECU     | 4,880,846             | 49                 | 13                         |
|              | PER     | 8,247,308             | 82                 | 19                         |
|              | VEN     | 7,603,501             | 76                 | 48                         |
| BRA          | BRA     | 43,505,408            | 435                | 172                        |
| CAP          | CRI     | 1,053,428             | 11                 | 3                          |
|              | GTM     | 6,033,767             | 60                 | 28                         |
|              | HND     | 3,026,923             | 30                 | 19                         |
|              | NIC     | 1,946,204             | 19                 | 11                         |
|              | PAN     | 1,156,102             | 12                 | 9                          |
|              | SLV     | 1,704,629             | 17                 | 15                         |
| CAR          | CAR     | 1,798,300             | 18                 | 0                          |
| LAC          | CUB     | 1,766,424             | 18                 | 9                          |
|              | DOM     | 2,973,499             | 30                 | 3                          |
|              | HTI     | 3,707,407             | 37                 | 4                          |
| MEX          | MEX     | 33,108,878            | 331                | 261                        |
| NOA          | CAN     | 6,016,679             | 60                 | 0                          |
|              | USA     | 60,604,372            | 606                | NR                         |
| SOC          | ARG     | 11,095,716            | 111                | 0                          |
|              | CHL     | 3,626,085             | 36                 | 23                         |
|              | PRY     | 2,070,528             | 21                 | 19                         |
|              | URY     | 703,696               | 7                  | 0                          |
| <b>Total</b> |         | <b>221,281,702</b>    | <b>2212</b>        | <b>732</b>                 |

**Table No.2**

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

| Country      | Total 2021 | Cumm. 2022 | Week       |           |          |           |           |           |           |           |          |          |          |  |  |
|--------------|------------|------------|------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|--|--|
|              |            |            | 1-18       | 19        | 20       | 21        | 22        | 23        | 24        | 25        | 26       |          |          |  |  |
| BOL          | 0          | 8          | 6          | 0         | 1        | 0         | 1         | 0         | 0         | 0         | 0        | 0        | ...      |  |  |
| COL          | 0          | 5          | 0          | 0         | 0        | 0         | 1         | 0         | 4         | 0         | 0        | 0        | 0        |  |  |
| ECU          | 2          | 10         | 6          | 1         | 1        | 1         | 0         | 1         | 0         | 0         | 0        | 0        | ...      |  |  |
| PER          | 1          | 17         | 14         | 0         | 1        | 2         | 0         | 0         | 0         | 0         | 0        | 0        | ...      |  |  |
| VEN          | 1          | 22         | 14         | 3         | 1        | 0         | 1         | 1         | 2         | 0         | 0        | 0        | 0        |  |  |
| BRA          | 0          | 66         | 38         | 9         | 1        | 4         | 8         | 2         | 1         | 3         | 0        | 0        | 0        |  |  |
| CRI          | 0          | 2          | 2          | 0         | ...      | ...       | ...       | ...       | ...       | ...       | ...      | ...      | ...      |  |  |
| GTM          | 10         | 21         | 8          | 3         | 1        | 0         | 2         | 3         | 1         | 3         | 0        | 0        | 0        |  |  |
| HND          | 1          | 7          | 2          | 2         | 0        | 1         | 2         | 0         | 0         | 0         | 0        | 0        | 0        |  |  |
| NIC          | 0          | 6          | 2          | 0         | 0        | 0         | 0         | 1         | 0         | 1         | 2        | 0        | 0        |  |  |
| PAN          | 0          | 6          | 3          | 1         | 0        | 0         | 0         | 1         | 1         | 0         | 0        | 0        | 0        |  |  |
| SLV          | 0          | 10         | 7          | 2         | 0        | 0         | 0         | 0         | 0         | 1         | 0        | 0        | 0        |  |  |
| CAR          | 0          | 0          | 0          | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |  |
| CUB          | 0          | 1          | 0          | 0         | 0        | 0         | 0         | 1         | 0         | 0         | 0        | 0        | 0        |  |  |
| DOM          | 1          | 3          | 2          | 0         | 0        | 0         | 0         | 1         | 0         | 0         | 0        | 0        | 0        |  |  |
| HTI          | 11         | 4          | 3          | 0         | 1        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |  |
| MEX          | 0          | 1          | 0          | 0         | 0        | 0         | 0         | 0         | 1         | 0         | 0        | 0        | 0        |  |  |
| CAN          | 0          | 0          | 0          | ...       | ...      | ...       | ...       | ...       | ...       | ...       | ...      | ...      | ...      |  |  |
| USA          | NR         | NR         | NR         | NR        | NR       | NR        | NR        | NR        | NR        | NR        | NR       | NR       | NR       |  |  |
| ARG          | 0          | 0          | 0          | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | ...      |  |  |
| CHL          | 1          | 0          | 0          | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        |  |  |
| PRY          | 0          | 10         | 0          | 0         | 0        | 2         | 1         | 1         | 3         | 2         | 1        | 0        | 0        |  |  |
| URY          | 0          | ...        | ...        | ...       | ...      | ...       | ...       | ...       | ...       | ...       | ...      | ...      | ...      |  |  |
| <b>Total</b> | <b>28</b>  | <b>199</b> | <b>107</b> | <b>21</b> | <b>7</b> | <b>10</b> | <b>16</b> | <b>12</b> | <b>13</b> | <b>10</b> | <b>3</b> | <b>0</b> | <b>0</b> |  |  |

\* 2022 UN population estimated Rev.2019 NR - No reporting ... - No data

**Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2022 and 2021**

| Sub Region     | Country | Polio 2022 |            | AFP Cases and indicators, last 52 weeks (2021/27 - 2022/26) |             |                 |                |                   | Polio 2021 |            | AFP Cases and indicators, 2021 (2021/1 - 2021/52) |             |                 |                |                   |
|----------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|---|-------------|-----------------|----------------|-------------------|
|                |         | 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          | 16  | 0.45        | 100             | 81             | 90                | 0          | 0          | 18  | 0.51        | 100             | 89             | ...               |
|                | COL     | 0          | 0          | 150   | 1.34        | 78              | 91             | 94                | 0          | 0          | 133   | 1.19        | 72              | 87             | 32                |
|                | ECU     | 0          | 0          | 33  | 0.68        | 79              | 58             | ...               | 0          | 0          | 30  | 0.62        | 73              | 53             | ...               |
|                | PER     | 0          | 0          | 36  | 0.44        | 58              | 58             | 6                 | 0          | 0          | 35  | 0.43        | 40              | 51             | 5                 |
|                | VEN     | 0          | 0          | 108   | 1.42        | 100             | 81             | ...               | 0          | 7          | 105   | 1.38        | 99              | 75             | ...               |
| BRA            | BRA     | 0          | 0          | 317   | 0.72        | 99              | 57             | 92                | 0          | 0          | 285   | 0.65        | 99              | 58             | 91                |
| CAP            | CRI     | 0          | 0          | 9   | 0.85        | 78              | 78             | 100               | 0          | 0          | 10  | 0.95        | 70              | 80             | 100               |
|                | GTM     | 0          | 0          | 53  | 0.88        | 100             | 72             | 83                | 0          | 0          | 48  | 0.80        | 100             | 56             | 93                |
|                | HND     | 0          | 0          | 45  | 1.49        | 76              | 89             | 87                | 0          | 0          | 46  | 1.52        | 74              | 89             | 92                |
|                | NIC     | 0          | 0          | 19  | 0.97        | 84              | 74             | ...               | 0          | 0          | 13  | 0.67        | 92              | 92             | ...               |
|                | PAN     | 0          | 0          | 17  | 1.47        | 47              | 76             | ...               | 0          | 0          | 10  | 0.87        | 60              | 80             | 90                |
|                | SLV     | 0          | 0          | 40  | 2.33        | 58              | 98             | 10                | 0          | 0          | 38  | 2.22        | 58              | 95             | 6                 |
| CAR            | CAR     | 0          | 0          | 1   | 0.06        | ...             | ...            | 60                | 0          | 0          | 3   | 0.17        | 0               | 67             | 59                |
| LAC            | CUB     | 0          | 0          | 20  | 1.12        | 55              | 90             | 100               | 0          | 0          | 19  | 1.07        | 95              | 84             | 85                |
|                | DOM     | 0          | 0          | 8   | 0.27        | ...             | ...            | ...               | 0          | 0          | 5   | 0.17        | ...             | ...            | ...               |
|                | HTI     | 0          | 0          | 9   | 0.24        | 100             | 56             | 95                | 0          | 0          | 10  | 0.27        | 80              | 60             | 94                |
| MEX            | MEX     | 0          | 0          | 567   | 1.71        | 100             | 83             | 20                | 0          | 0          | 517   | 1.56        | 99              | 81             | 23                |
| NOA            | CAN     | 0          | 0          | 3   | 0.05        | ...             | ...            | ...               | 0          | 0          | 6   | 0.10        | ...             | ...            | ...               |
| SOC            | USA     | NR         | NR         | NR  | NR          | NR              | NR             | NR                | NR         | NR         | NR  | NR          | NR              | NR             | NR                |
|                | ARG     | 0          | 0          | 0   | ...         | ...             | ...            | ...               | 0          | 0          | 37  | 0.33        | ...             | 51             | ...               |
|                | CHL     | 0          | 0          | 43  | 1.18        | 88              | 72             | 70                | 0          | 0          | 42  | 1.15        | 95              | 52             | 65                |
|                | PRY     | 0          | 0          | 38  | 1.84        | 95              | 82             | 95                | 0          | 0          | 26  | 1.26        | 96              | 81             | 93                |
|                | URY     | 0          | 0          | ...   | ...         | ...             | ...            | ...               | 0          | 0          | 0   | ...         | ...             | ...            | ...               |
| <b>Total</b> § |         | <b>0</b>   | <b>0</b>   | <b>1532</b>   | <b>0.95</b> | <b>92</b>       | <b>76</b>      | <b>...</b>        | <b>0</b>   | <b>7</b>   | <b>1436</b>                                       | <b>0.89</b> | <b>89</b>       | <b>73</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

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**Table No.1**  
**Virus isolation results and indicators, last 52 weeks**  
**Epidemiological weeks 2021/27 - 2022/26**

| 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            | GTM     | 1                                  | 0                    | 0                 | 1                 | 0               | 0                 | 0         | 0           | 0        | 0          | 0                             | 0                            | 0                                   | 0                   | 0 |
|                | HND     | 1                                  | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0        | 0          | 0                             | 1                            | 1                                   | 100                 |   |
|                | HTI     | 9                                  | 4                    | 0                 | 0                 | 0               | 0                 | 0         | 5           | 0        | 0          | 0                             | 5                            | 5                                   | 100                 |   |
|                | NIC     | 15                                 | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 2           | 12       | 0          | 0                             | 14                           | 14                                  | 100                 |   |
|                | PAN     | 16                                 | 5                    | 0                 | 0                 | 2               | 0                 | 2         | 7           | 0        | 0          | 36                            | 11                           | 11                                  | 100                 |   |
| CDC            | BOL     | 11                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 11          | 0        | 0          | 0                             | 11                           | 11                                  | 0                   |   |
|                | CRI     | 10                                 | 0                    | 0                 | 3                 | 0               | 0                 | 0         | 7           | 0        | 0          | 0                             | 7                            | 7                                   | 0                   |   |
|                | GTM     | 50                                 | 23                   | 3                 | 2                 | 0               | 0                 | 0         | 22          | 0        | 0          | 0                             | 22                           | 21                                  | 10                  |   |
|                | HND     | 37                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 37          | 0        | 0          | 0                             | 37                           | 37                                  | 100                 |   |
|                | PRY     | 37                                 | 9                    | 0                 | 0                 | 0               | 0                 | 0         | 28          | 0        | 0          | 0                             | 28                           | 28                                  | 54                  |   |
|                | SLV     | 40                                 | 0                    | 1                 | 10                | 0               | 0                 | 0         | 29          | 0        | 0          | 0                             | 29                           | 29                                  | 0                   |   |
| FIO            | BRA     | 203                                | 12                   | 0                 | 14                | 1               | 0                 | 5         | 171         | 0        | 0          | 3                             | 177                          | 176                                 | 76                  |   |
|                | PER     | 14                                 | 0                    | 0                 | 0                 | 0               | 0                 | 0         | 14          | 0        | 0          | 0                             | 14                           | 14                                  | 100                 |   |
| IEC            | BRA     | 42                                 | 5                    | 0                 | 1                 | 0               | 0                 | 0         | 36          | 0        | 0          | 0                             | 36                           | 35                                  | 43                  |   |
| INDRE          | MEX     | 490                                | 5                    | 7                 | 10                | 0               | 0                 | 48        | 420         | 0        | 0          | 10                            | 468                          | 467                                 | 100                 |   |
| INH            | VEN     | 101                                | 36                   | 0                 | 1                 | 1               | 0                 | 3         | 60          | 0        | 0          | 6                             | 64                           | 63                                  | 33                  |   |
| INS            | COL     | 148                                | 0                    | 4                 | 1                 | 0               | 0                 | 3         | 140         | 0        | 0          | 2                             | 143                          | 143                                 | 97                  |   |
| INS            | ECU     | 20                                 | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 19          | 0        | 0          | 0                             | 19                           | 19                                  | 79                  |   |
|                | VEN     | 1                                  | 1                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |   |
| IPK            | CUB     | 20                                 | 0                    | 0                 | 1                 | 0               | 0                 | 0         | 19          | 0        | 0          | 0                             | 19                           | 14                                  | 100                 |   |
| ISP            | CHL     | 37                                 | 0                    | 0                 | 0                 | 0               | 0                 | 1         | 36          | 0        | 0          | 3                             | 36                           | 36                                  | 89                  |   |
| (no lab. name) | BOL     | 5                                  | 5                    | 0                 | 0                 | 0               | 0                 | 0         | 0           | 0        | 0          | 0                             | 0                            | 0                                   | 0                   |   |
|                | ECU     | 9                                  | 9                    | 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                   |   |
|                | PER     | 15                                 | 14                   | 0                 | 0                 | 0               | 0                 | 0         | 1           | 0        | 0          | 0                             | 1                            | 1                                   | 0                   |   |
| <b>Total</b>   |         | <b>1339</b>                        | <b>137</b>           | <b>15</b>         | <b>44</b>         | <b>4</b>        | <b>0</b>          | <b>64</b> | <b>1075</b> | <b>0</b> | <b>0</b>   | <b>6</b>                      | <b>1142</b>                  | <b>1132</b>                         | <b>82</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 2021/27 - 2022/26**

| Lab.         | Country | Number of poliovirus isolated | Poliovirus Intratypic Differentiation Results |          |          |          |          |          |          |          |          | ITD Indicators      |                                      |   |  |   |   |   |
|--------------|---------|-------------------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|---------------------|--------------------------------------|---|--|---|---|---|
|              |         |                               | Sabin   |          |          | VDPV     |          |          | Wild     |          |          | Pending ITD results | Number of specimens with ITD results | ITD Results w/ reception or detection and results dates | % ITD results ≤ 7 days of reception or detection | % ITD results ≤ 45 days of onset of paralysis | % ITD results ≤ 60 days of onset of paralysis |   |
|              |         |                               | P1  | P2       | P3       | P1       | P2       | P3       | P1       | P2       | P3       |                     |                                      |   |  |   |   |   |
| CAR          | PAN     | 2                             | 0   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 2                                    | 0   | 0  | -   | -   | - |
| FIO          | BRA     | 1                             | 1   | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 1   | 100  | 100   | 100   |   |
| INH          | VEN     | 1                             | 1   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0                   | 1                                    | 1   | 0  | 100   | 100   |   |
| <b>Total</b> |         | <b>4</b>                      | <b>2</b>                                      | <b>0</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>2</b>            | <b>2</b>                             | <b>2</b>  | <b>50</b>  | <b>100</b>                                    | <b>100</b>                                    |   |