



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 9 March 2019

Table No.1
Expected and reported AFP cases, 2019

| Sub Region | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2019/10 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND | BOL | 3,488,083 | 35 | 0 |
| | COL | 11,622,602 | 116 | 16 |
| | ECU | 4,705,464 | 47 | ... |
| | PER | 8,786,980 | 88 | 12 |
| | VEN | 8,765,312 | 88 | 0 |
| BRA | BRA | 47,426,629 | 474 | ... |
| CAP | CRI | 1,065,783 | 11 | 1 |
| | GTM | 6,032,750 | 60 | 6 |
| | HND | 3,221,178 | 32 | 6 |
| | NIC | 1,814,682 | 18 | 6 |
| | PAN | 1,073,291 | 11 | 0 |
| | SLV | 1,625,466 | 16 | 1 |
| CAR | CAR | 1,758,319 | 18 | 1 |
| LAC | CUB | 1,830,247 | 18 | 0 |
| | DOM | 3,155,763 | 32 | 1 |
| | HTI | 3,616,958 | 36 | 0 |
| MEX | MEX | 34,977,953 | 350 | 97 |
| NOA | CAN | 5,797,902 | 58 | 0 |
| | USA | 61,098,121 | NR | NR |
| SOC | ARG | 10,987,085 | 110 | 5 |
| | CHL | 3,603,758 | 36 | 5 |
| | PRY | 2,077,285 | 21 | 4 |
| | URY | 731,231 | 7 | ... |
| Total | | 229,262,842 | 1682 | 161 |

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

| Country | Total 2018 | Cumm. 2019 | Week | | | | | | | | | | |
|--------------|------------|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|-----|
| | | | 1-2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| BOL | 30 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... |
| COL | 0 | 9 | 0 | 1 | 1 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| ECU | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| PER | 13 | 10 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 2 | 0 | ... | ... |
| VEN | 21 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... |
| BRA | 100 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| CRI | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| GTM | 8 | 7 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | ... | ... |
| HND | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | ... | ... |
| NIC | 0 | 6 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | ... | ... |
| PAN | 1 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... |
| SLV | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | ... | ... |
| CAR | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | ... | ... |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... |
| DOM | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... |
| HTI | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... |
| MEX | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 0 | ... | ... |
| CAN | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... |
| USA | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| ARG | 0 | 5 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... |
| CHL | 10 | 6 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | ... | ... |
| PRY | 7 | 4 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | ... | ... |
| URY | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total | 230 | 62 | 13 | 7 | 7 | 5 | 8 | 6 | 7 | 8 | 1 | ... | ... |

*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 (2018/11 - 2019/10) | | | | | 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 | 32 | 0.92 | 97 | 84 | ... | 0 | 0 | 44 | 1.26 | 95 | 82 | ... |
| | COL | 0 | 0 | 159 | 1.37 | 55 | 86 | 96 | 0 | 0 | 168 | 1.45 | 51 | 85 | 96 |
| | ECU | 0 | 0 | 32 | 0.68 | 100 | 69 | 15 | 0 | 0 | 39 | 0.83 | 100 | 69 | 15 |
| | PER | 0 | 0 | 78 | 0.88 | 73 | 69 | 4 | 0 | 0 | 77 | 0.88 | 78 | 71 | 6 |
| | VEN | 0 | 0 | 66 | 0.75 | 98 | 56 | ... | 0 | 0 | 76 | 0.87 | 99 | 58 | ... |
| BRA | BRA | 0 | 0 | 255 | 0.54 | 99 | 63 | 89 | 0 | 0 | 349 | 0.74 | 99 | 62 | 88 |
| CAP | CRI | 0 | 0 | 17 | 1.60 | 59 | 100 | ... | 0 | 0 | 16 | 1.50 | 63 | 100 | ... |
| | GTM | 0 | 0 | 52 | 0.85 | 48 | 75 | 100 | 0 | 0 | 58 | 0.96 | 36 | 76 | 99 |
| | HND | 0 | 0 | 44 | 1.37 | 61 | 91 | 90 | 0 | 0 | 50 | 1.55 | 60 | 92 | 90 |
| | NIC | 0 | 0 | 21 | 1.16 | 100 | 100 | 100 | 0 | 0 | 19 | 1.05 | 100 | 100 | 100 |
| | PAN | 0 | 0 | 9 | 0.84 | 89 | 89 | 87 | 0 | 0 | 14 | 1.30 | 86 | 79 | 87 |
| | SLV | 0 | 0 | 35 | 2.15 | 31 | 94 | 23 | 0 | 0 | 42 | 2.58 | 31 | 93 | 23 |
| CAR | CAR | 0 | 0 | 4 | 0.23 | 75 | 100 | 91 | 0 | 0 | 4 | 0.23 | 50 | 75 | 89 |
| LAC | CUB | 0 | 0 | 22 | 1.20 | 77 | 95 | 100 | 0 | 0 | 27 | 1.48 | 81 | 96 | 100 |
| | DOM | 0 | 0 | 13 | 0.41 | 38 | 92 | ... | 0 | 0 | 15 | 0.48 | 27 | 93 | ... |
| | HTI | 0 | 0 | 6 | 0.17 | 83 | ... | 83 | 0 | 0 | 9 | 0.25 | 89 | 22 | 84 |
| MEX | MEX | 0 | 0 | 650 | 1.86 | 100 | 88 | 95 | 0 | 0 | 667 | 1.91 | 100 | 89 | 68 |
| NOA | CAN | 0 | 0 | ... | ... | ... | ... | ... | 0 | 0 | 49 | ... | ... | ... | ... |
| | USA | 0 | 0 | NR | NR | NR | NR | NR | 0 | 0 | NR | NR | NR | NR | NR |
| SOC | ARG | 0 | 0 | 171 | 1.55 | 32 | 77 | ... | 0 | 0 | 198 | 1.80 | 35 | 80 | 87 |
| | CHL | 0 | 0 | 53 | 1.47 | 64 | 64 | 79 | 0 | 0 | 64 | 1.78 | 70 | 61 | 79 |
| | PRY | 0 | 0 | 36 | 1.73 | 83 | 94 | 90 | 0 | 0 | 36 | 1.73 | 81 | 94 | 89 |
| | URY | 0 | 0 | 4 | 0.55 | 100 | ... | ... | 0 | 0 | 4 | 0.55 | 100 | ... | ... |
| Total § | | 0 | 0 | 1759 | 1.05 | 81 | 80 | - | 0 | 0 | 2025 | 1.20 | 81 | 79 | - |

+ 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 2018/11 - 2019/10

| Lab. | Country | Number of specimens from AFP cases | Virus Isolation Test | | | | | | | | | | | % Positive specimens for NPEV | Timing of isolation results | | |
|----------------|---------|------------------------------------|----------------------|-------------------|-------------------|-----------------|-------------------|-----------|-------------|----------|------------|------------------------------|-------------------------------------|-------------------------------|-----------------------------|-----------|---|
| | | | Pending results | | | With results | | | | | | Total specimens with results | Total with reception & result dates | | % Results ≤ 14 days | | |
| | | | Not yet in lab. | Received ≤14 Days | Received >14 Days | Only poliovirus | Poliovirus & NPEV | Only NPEV | Negative | Others | Inadequate | | | | | | |
| CAR | ATG | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | BLZ | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 100 | |
| | DOM | 13 | 2 | 0 | 0 | 0 | 0 | 1 | 10 | 0 | 0 | 9 | 11 | 11 | 100 | 100 | |
| | GUY | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | |
| | HTI | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 4 | 50 | 50 | |
| | NIC | 25 | 6 | 0 | 0 | 0 | 0 | 3 | 16 | 0 | 0 | 16 | 19 | 19 | 84 | 84 | |
| | PAN | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 9 | 100 | 100 | |
| | PRY | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TTO | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | |
| CDC | CRI | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | GTM | 51 | 14 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 1 | 0 | 37 | 34 | 100 | 100 | |
| | HND | 43 | 3 | 0 | 0 | 0 | 0 | 3 | 36 | 0 | 0 | 8 | 38 | 38 | 84 | 84 | |
| | PRY | 33 | 8 | 0 | 0 | 0 | 0 | 1 | 24 | 0 | 0 | 4 | 25 | 25 | 100 | 100 | |
| | SLV | 34 | 0 | 0 | 3 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 31 | 31 | 0 | 0 | |
| FIO | BRA | 193 | 11 | 0 | 26 | 5 | 1 | 0 | 149 | 0 | 0 | 3 | 154 | 154 | 53 | 53 | |
| | PER | 62 | 12 | 0 | 7 | 0 | 0 | 1 | 42 | 0 | 0 | 2 | 43 | 43 | 72 | 72 | |
| IEC | BRA | 24 | 3 | 0 | 1 | 0 | 0 | 1 | 19 | 0 | 0 | 5 | 20 | 20 | 100 | 100 | |
| INDRE | MEX | 591 | 3 | 17 | 61 | 2 | 0 | 47 | 463 | 0 | 0 | 10 | 512 | 512 | 97 | 97 | |
| INH | VEN | 50 | 7 | 0 | 7 | 2 | 0 | 2 | 32 | 0 | 0 | 11 | 36 | 35 | 29 | 29 | |
| INS | COL | 156 | 0 | 0 | 7 | 0 | 0 | 3 | 146 | 0 | 0 | 2 | 149 | 149 | 95 | 95 | |
| | CRI | 28 | 6 | 0 | 6 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 16 | 16 | 44 | 44 | |
| | ECU | 31 | 17 | 0 | 0 | 0 | 0 | 2 | 12 | 0 | 0 | 14 | 14 | 14 | 93 | 93 | |
| IPK | CUB | 22 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ISP | CHL | 43 | 0 | 0 | 0 | 0 | 0 | 2 | 41 | 0 | 0 | 5 | 43 | 43 | 95 | 95 | |
| MAL | ARG | 153 | 0 | 0 | 5 | 2 | 0 | 9 | 137 | 0 | 0 | 7 | 148 | 148 | 64 | 64 | |
| | BOL | 32 | 29 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 33 | 3 | 3 | 100 | 100 | |
| (no lab. name) | GTM | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | HND | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | PER | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | PRY | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | VEN | 4 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 50 | 2 | 2 | 0 | 0 | |
| Total | | 1622 | 139 | 19 | 145 | 11 | 1 | 77 | 1229 | 0 | 1 | 7 | 1317 | 1313 | 81 | 81 | |

... 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 2018/11 - 2019/10

| Lab. | Country | Number of poliovirus isolated | Poliovirus Intratypic Differentiation Results | | | | | | | | | Pending ITD results | ITD Indicators | | | | |
|--------------|---------|-------------------------------|-----------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------------------|--------------------------------------|---------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| | | | Sabin | | | VDPV | | | Wild | | | | 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 | 6 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 100 | 67 | 100 |
| INDRE | MEX | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | 100 | 100 |
| INH | VEN | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 |
| MAL | ARG | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | 100 | 100 |
| Total | | 12 | 9 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 11 | 100 | 82 | 100 |