



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 2 November 2019

Table No.1
Expected and reported AFP cases, 2019

| Sub Region | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2019/44 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND | BOL | 3,518,376 | 35 | 18 |
| | COL | 11,297,750 | 113 | 65 |
| | ECU | 4,771,737 | 48 | 22 |
| | PER | 8,826,539 | 88 | 85 |
| | VEN | 8,801,443 | 88 | 79 |
| BRA | BRA | 45,418,678 | 454 | 253 |
| CAP | CRI | 1,056,871 | 11 | 5 |
| | GTM | 6,149,723 | 61 | 41 |
| | HND | 2,490,741 | 25 | 41 |
| | NIC | 1,788,084 | 18 | 24 |
| | PAN | 1,089,927 | 11 | 3 |
| SLV | SLV | 1,565,217 | 16 | 27 |
| | CAR | CAR | 1,739,441 | 17 |
| LAC | CUB | 1,742,844 | 17 | 18 |
| | DOM | 3,144,441 | 31 | 14 |
| | HTI | 3,631,337 | 36 | 8 |
| MEX | MEX | 34,611,688 | 346 | 692 |
| NOA | CAN | 6,045,577 | 60 | 0 |
| | USA | 61,851,315 | NR | NR |
| SOC | ARG | 11,041,661 | 110 | 122 |
| | CHL | 3,567,505 | 36 | 44 |
| | PRY | 2,017,183 | 20 | 21 |
| | URY | 722,459 | 7 | 8 |
| Total | | 226,890,537 | 1648 | 1592 |

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

| Country | Total 2018 | Cumm. 2019 | Week | | | | | | | | | | |
|--------------|------------|------------|------------|-----------|----------|----------|----------|----------|----------|----------|----------|-----|-----|
| | | | 1-36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | | |
| BOL | 0 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECU | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... |
| PER | 0 | 31 | 24 | 0 | 2 | 0 | 3 | 1 | 1 | 0 | ... | ... | ... |
| VEN | 0 | 56 | 44 | 2 | 3 | 5 | 1 | 1 | 0 | ... | ... | ... | ... |
| BRA | 0 | 60 | 57 | 3 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... |
| CRI | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GTM | 0 | 6 | 5 | 1 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... |
| HND | 0 | 7 | 3 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| NIC | 0 | 8 | 3 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | ... | ... |
| PAN | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | ... | ... | ... | ... |
| SLV | 0 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CUB | 0 | 9 | 6 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DOM | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HTI | 6 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... |
| MEX | 0 | 10 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 4 | 3 | ... | ... |
| CAN | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| USA | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| ARG | 0 | 20 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHL | 0 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... |
| PRY | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | ... | ... |
| URY | 0 | 4 | 4 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... |
| Total | 6 | 254 | 198 | 13 | 9 | 7 | 5 | 3 | 9 | 5 | 5 | | |

*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 (2018/45 - 2019/44) | | | | | 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 | 61 | 35 | ... | 0 | 0 | 45 | 1.29 | 96 | 82 | ... |
| | COL | 0 | 0 | 89 | 0.77 | 62 | 93 | 97 | 0 | 0 | 168 | 1.45 | 51 | 85 | 96 |
| | ECU | 0 | 0 | 37 | 0.78 | 89 | 78 | ... | 0 | 0 | 60 | 1.28 | 100 | 72 | 15 |
| | PER | 0 | 0 | 96 | 1.09 | 69 | 67 | 8 | 0 | 0 | 77 | 0.88 | 78 | 71 | 6 |
| | VEN | 0 | 0 | 87 | 0.99 | 100 | 57 | ... | 0 | 3 | 85 | 0.97 | 100 | 71 | ... |
| BRA | BRA | 0 | 1 | 315 | 0.66 | 98 | 60 | 93 | 0 | 1 | 501 | 1.06 | 98 | 65 | 92 |
| CAP | CRI | 0 | 0 | 6 | 0.56 | 83 | 83 | 86 | 0 | 0 | 15 | 1.41 | 73 | 80 | 30 |
| | GTM | 0 | 0 | 48 | 0.78 | 73 | 77 | 100 | 0 | 0 | 59 | 0.98 | 36 | 76 | 99 |
| | HND | 0 | 0 | 50 | 1.55 | 60 | 90 | 91 | 0 | 0 | 50 | 1.55 | 60 | 92 | 90 |
| | NIC | 0 | 0 | 30 | 1.65 | 100 | 97 | 100 | 0 | 0 | 19 | 1.05 | 100 | 100 | 100 |
| | PAN | 0 | 0 | 5 | 0.46 | 80 | 100 | 87 | 0 | 0 | 16 | 1.49 | 81 | 81 | 87 |
| SLV | 0 | 0 | 31 | 1.91 | 35 | 97 | 15 | 0 | 0 | 42 | 2.58 | 31 | 93 | 21 | |
| CAR | CAR | 0 | 0 | 3 | 0.17 | 100 | 100 | 84 | 0 | 0 | 8 | 0.45 | 75 | 38 | 89 |
| LAC | CUB | 0 | 0 | 18 | 1.03 | 67 | 89 | 100 | 0 | 0 | 27 | 1.48 | 81 | 96 | 100 |
| | DOM | 0 | 0 | 15 | 0.48 | 27 | 80 | ... | 0 | 0 | 15 | 0.48 | 33 | 93 | ... |
| | HTI | 0 | 0 | 8 | 0.22 | 88 | 63 | 85 | 0 | 0 | 9 | 0.25 | 89 | 22 | 84 |
| MEX | MEX | 0 | 0 | 813 | 2.32 | 100 | 88 | 65 | 0 | 0 | 705 | 2.02 | 99 | 90 | 41 |
| 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 | 155 | 1.40 | 23 | 65 | 100 | 0 | 0 | 200 | 1.82 | 35 | 80 | 84 |
| | CHL | 0 | 0 | 55 | 1.53 | 65 | 64 | 95 | 0 | 0 | 64 | 1.78 | 73 | 61 | 95 |
| | PRY | 0 | 0 | 28 | 1.35 | 79 | 89 | 94 | 0 | 0 | 36 | 1.73 | 83 | 94 | 87 |
| | URY | 0 | 0 | 9 | 1.23 | 100 | ... | ... | 0 | 0 | 6 | 0.82 | 100 | 50 | ... |
| Total § | | 0 | 1 | 1921 | 1.14 | 84 | 78 | - | 0 | 4 | 2256 | 1.34 | 83 | 79 | - |

+ 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 2018/45 - 2019/44

| 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 | 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 | 11 | 0 | 0 | 0 | 0 | 0 | 2 | 9 | 0 | 0 | 18 | 11 | 11 | 100 | | |
| | HTI | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 4 | 75 | | |
| | NIC | 33 | 7 | 0 | 0 | 0 | 0 | 4 | 22 | 0 | 0 | 15 | 26 | 26 | 88 | | |
| | PRY | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | TTO | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | | |
| CDC | CRI | 4 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 67 | 3 | 3 | 67 | | |
| | DOM | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | | |
| | GTM | 48 | 7 | 0 | 2 | 0 | 0 | 10 | 29 | 0 | 0 | 26 | 39 | 34 | 35 | | |
| | HND | 46 | 3 | 0 | 1 | 0 | 0 | 3 | 39 | 0 | 0 | 7 | 42 | 41 | 80 | | |
| | PAN | 5 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 33 | 3 | 3 | 67 | | |
| | PRY | 28 | 5 | 0 | 0 | 0 | 0 | 3 | 20 | 0 | 0 | 13 | 23 | 23 | 52 | | |
| | SLV | 31 | 0 | 0 | 1 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 30 | 30 | 0 | | |
| FIO | BRA | 205 | 13 | 0 | 12 | 0 | 0 | 5 | 175 | 0 | 0 | 3 | 180 | 178 | 79 | | |
| | PER | 78 | 16 | 0 | 1 | 0 | 0 | 3 | 58 | 0 | 0 | 5 | 61 | 61 | 89 | | |
| IEC | BRA | 49 | 11 | 0 | 0 | 0 | 0 | 2 | 36 | 0 | 0 | 5 | 38 | 32 | 72 | | |
| INDRE | MEX | 743 | 0 | 19 | 8 | 2 | 0 | 61 | 655 | 0 | 0 | 9 | 718 | 715 | 93 | | |
| INH | VEN | 64 | 22 | 0 | 14 | 2 | 0 | 5 | 19 | 0 | 0 | 27 | 26 | 26 | 8 | | |
| INS | COL | 90 | 0 | 0 | 1 | 0 | 0 | 6 | 83 | 0 | 0 | 7 | 89 | 89 | 93 | | |
| INS | CRI | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 100 | | |
| | ECU | 33 | 5 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 28 | 28 | 39 | | |
| IPK | BRA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | CUB | 18 | 0 | 0 | 7 | 0 | 0 | 2 | 9 | 0 | 0 | 18 | 11 | 11 | 73 | | |
| ISP | CHL | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 44 | 44 | 91 | | |
| MAL | ARG | 125 | 0 | 0 | 1 | 1 | 0 | 8 | 115 | 0 | 0 | 7 | 124 | 123 | 56 | | |
| | BOL | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 80 | | |
| | URY | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 100 | | |
| (no lab. name) | BOL | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | BRA | 1 | 1 | 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 | 1 | 1 | 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 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | PER | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 100 | | |
| VEN | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Total | | 1702 | 117 | 19 | 54 | 5 | 0 | 117 | 1390 | 0 | 0 | 8 | 1512 | 1493 | 80 | | |

... 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 2018/45 - 2019/44

| Lab. | Country | Number of poliovirus Isolated | Poliovirus Intratypic Differentiation Results | | | | | | | | | Pending ITD results | Number of specimens with ITD results | ITD Indicators | | | |
|--------------|---------|-------------------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|---------------------|--------------------------------------|---|--|---|---|
| | | | Sabin | | | VDPV | | | Wild | | | | | 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 | | | | | | |
| INDRE | MEX | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | 100 | 100 | |
| INH | VEN | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 50 | 50 | |
| MAL | ARG | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 | |
| Total | | 5 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 60 | 80 | 80 | |