



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 35, No. 23

Week ending 6 June 2020

Table No.1

Expected and reported AFP cases, 2020

| Sub Region | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2020/23 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND | BOL | 3,518,376 | 35 | 5 |
| | COL | 11,297,750 | 113 | 0 |
| | ECU | 4,771,737 | 48 | 0 |
| | PER | 8,826,539 | 88 | 23 |
| | VEN | 8,801,443 | 88 | 13 |
| BRA | BRA | 45,418,678 | 454 | 70 |
| CAP | CRI | 1,056,871 | 11 | 7 |
| | GTM | 6,149,723 | 61 | 10 |
| | HND | 2,490,741 | 25 | 20 |
| | NIC | 1,788,084 | 18 | 7 |
| | PAN | 1,089,927 | 11 | 1 |
| | SLV | 1,565,217 | 16 | 4 |
| CAR | CAR | 1,739,441 | 17 | 1 |
| LAC | CUB | 1,742,844 | 17 | 4 |
| | DOM | 3,144,441 | 31 | 3 |
| | HTI | 3,631,337 | 36 | 0 |
| MEX | MEX | 34,611,688 | 346 | 247 |
| NOA | CAN | 6,045,577 | 60 | 0 |
| | USA | 61,851,315 | NR | NR |
| SOC | ARG | 11,041,661 | 110 | 23 |
| | CHL | 3,567,505 | 36 | 2 |
| | PRY | 2,017,183 | 20 | 4 |
| | URY | 722,459 | 7 | 0 |
| Total | | 226,890,537 | 1648 | 444 |

*As reported by countries

NR - No reporting

... - No data

Table No.2

AFP cases under investigation (All ages)

| Country | Total 2019 | Cumm. 2020 | Week | | | | | | | | | | |
|--------------|------------|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| | | | 1-15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | |
| BOL | 2 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... |
| COL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECU | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| PER | 38 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... |
| VEN | 24 | 15 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... |
| BRA | 1 | 20 | 13 | 0 | 2 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | ... |
| CRI | 0 | 3 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | ... |
| GTM | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HND | 2 | 20 | 11 | 2 | 2 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| NIC | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAN | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... |
| SLV | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... |
| CAR | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CUB | 3 | 4 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | ... |
| DOM | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | ... |
| HTI | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEX | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 |
| CHL | 8 | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| PRY | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| URY | 4 | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total | 131 | 93 | 65 | 6 | 5 | 6 | 6 | 6 | 4 | 0 | 1 | 0 | |

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2020 and 2019

| Sub Region | Country | Polio 2020 | | AFP Cases and indicators, last 52 weeks (2019/24 - 2020/23) | | | | | Polio 2019 | | AFP Cases and indicators, 2019 (2019/1 - 2019/52) | | | | |
|----------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|---|-------------|-----------------|----------------|-------------------|
| | | 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 | 18 | 0.51 | 89 | 78 | ... | 0 | 0 | 24 | 0.68 | 75 | 79 | ... |
| | COL | 0 | 0 | 8 | 0.07 | 75 | 100 | 97 | 0 | 0 | 76 | 0.67 | 67 | 95 | 97 |
| | ECU | 0 | 0 | 3 | 0.06 | 100 | 67 | ... | 0 | 0 | 22 | 0.46 | 82 | 86 | ... |
| | PER | 0 | 0 | 100 | 1.13 | 76 | 73 | 6 | 0 | 0 | 121 | 1.37 | 74 | 67 | 6 |
| | VEN | 0 | 0 | 82 | 0.93 | 100 | 55 | ... | 0 | 0 | 101 | 1.15 | 100 | 60 | ... |
| BRA | BRA | 0 | 0 | 309 | 0.68 | 99 | 68 | 96 | 0 | 1 | 449 | 0.99 | 98 | 64 | 96 |
| CAP | CRI | 0 | 0 | 14 | 1.32 | 86 | 93 | 99 | 0 | 0 | 16 | 1.51 | 94 | 81 | 99 |
| | GTM | 0 | 0 | 57 | 0.92 | 91 | 79 | 99 | 0 | 1 | 71 | 1.15 | 85 | 77 | 100 |
| | HND | 0 | 0 | 46 | 1.85 | 74 | 91 | 91 | 0 | 0 | 46 | 1.85 | 67 | 93 | 90 |
| | NIC | 0 | 0 | 19 | 1.06 | 95 | 100 | 100 | 0 | 0 | 25 | 1.40 | 100 | 100 | 100 |
| | PAN | 0 | 0 | 6 | 0.55 | 67 | 100 | 89 | 0 | 0 | 6 | 0.55 | 67 | 100 | 88 |
| | SLV | 0 | 0 | 20 | 1.28 | 60 | 90 | 11 | 0 | 0 | 34 | 2.17 | 50 | 91 | 14 |
| CAR | CAR | 0 | 0 | 1 | 0.06 | ... | ... | 79 | 0 | 0 | 2 | 0.11 | 100 | 100 | 83 |
| LAC | CUB | 0 | 0 | 21 | 1.20 | 76 | 90 | 99 | 0 | 0 | 28 | 1.61 | 75 | 93 | 100 |
| | DOM | 0 | 0 | 19 | 0.60 | 26 | 95 | ... | 0 | 0 | 25 | 0.80 | 28 | 92 | ... |
| | HTI | 0 | 0 | 10 | 0.28 | 80 | 40 | 88 | 0 | 0 | 14 | 0.39 | 86 | 43 | 85 |
| MEX | MEX | 0 | 0 | 792 | 2.29 | 99 | 85 | 44 | 0 | 0 | 840 | 2.43 | 100 | 88 | 44 |
| NOA | CAN | 0 | 0 | 6 | 0.10 | ... | 67 | ... | 0 | 0 | 9 | 0.15 | ... | 56 | ... |
| | USA | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| SOC | ARG | 0 | 0 | 130 | 1.18 | 28 | 80 | 100 | 0 | 0 | 183 | 1.66 | 29 | 73 | 100 |
| | CHL | 0 | 0 | 40 | 1.12 | 85 | 68 | 85 | 0 | 0 | 61 | 1.71 | 84 | 67 | 94 |
| | PRY | 0 | 0 | 21 | 1.04 | 90 | 90 | 95 | 0 | 0 | 26 | 1.29 | 88 | 92 | 93 |
| | URY | 0 | 0 | 3 | 0.42 | 100 | ... | ... | 0 | 0 | 8 | 1.11 | 100 | ... | ... |
| Total § | | 0 | 0 | 1725 | 1.03 | 89 | 79 | - | 0 | 2 | 2187 | 1.30 | 86 | 78 | ... |

+ 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 2019/24 - 2020/23

| 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 | DOM | 19 | 3 | 0 | 0 | 0 | 0 | 2 | 14 | 0 | 0 | 13 | 16 | 16 | 94 | |
| | HTI | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 10 | 10 | 30 | |
| | NIC | 19 | 2 | 0 | 0 | 0 | 0 | 2 | 15 | 0 | 0 | 12 | 17 | 17 | 53 | |
| | PRY | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | |
| CDC | CRI | 14 | 1 | 0 | 0 | 0 | 0 | 5 | 8 | 0 | 0 | 38 | 13 | 13 | 62 | |
| | GTM | 56 | 3 | 0 | 2 | 0 | 0 | 10 | 41 | 0 | 0 | 20 | 51 | 40 | 28 | |
| | HND | 24 | 0 | 0 | 1 | 0 | 0 | 2 | 21 | 0 | 0 | 9 | 23 | 22 | 100 | |
| | PAN | 6 | 1 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 60 | 5 | 5 | 0 | |
| | PRY | 20 | 2 | 0 | 0 | 0 | 0 | 3 | 15 | 0 | 0 | 17 | 18 | 18 | 22 | |
| | SLV | 19 | 0 | 0 | 7 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 12 | 12 | 0 | |
| FIO | BRA | 239 | 6 | 0 | 5 | 3 | 0 | 7 | 218 | 0 | 0 | 4 | 228 | 227 | 71 | |
| | PER | 83 | 14 | 0 | 0 | 0 | 0 | 2 | 67 | 0 | 0 | 3 | 69 | 69 | 86 | |
| IEC | BRA | 18 | 1 | 0 | 0 | 0 | 0 | 1 | 16 | 0 | 0 | 6 | 17 | 17 | 76 | |
| INDRE | MEX | 695 | 1 | 10 | 36 | 3 | 0 | 57 | 591 | 0 | 0 | 9 | 651 | 647 | 99 | |
| INH | VEN | 56 | 16 | 0 | 3 | 1 | 0 | 4 | 31 | 0 | 0 | 14 | 36 | 34 | 29 | |
| INS | COL | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 8 | 63 | |
| INS | ECU | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| IPK | CUB | 21 | 1 | 0 | 6 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 14 | 93 | |
| ISP | CHL | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 0 | 34 | 34 | 97 | |
| MAL | ARG | 115 | 0 | 0 | 1 | 0 | 0 | 10 | 104 | 0 | 0 | 9 | 114 | 110 | 65 | |
| | BOL | 13 | 0 | 0 | 4 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 8 | 13 | |
| (no lab. name) | BOL | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | CAN | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | |
| | CRI | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | ECU | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | HND | 21 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | PER | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | |
| | VEN | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 100 | 1 | 1 | 0 | |
| Total | | 1509 | 81 | 10 | 68 | 7 | 0 | 109 | 1236 | 0 | 0 | 9 | 1352 | 1323 | 82 | |

... 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 2019/24 - 2020/23

| 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 | 3 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 100 | 67 | 67 |
| INDRE | MEX | 3 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 100 | 100 | 100 |
| INH | VEN | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 |
| Total | | 7 | 5 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 100 | 86 | 86 |