



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 6 May 2017

Table No.1
Expected and reported AFP cases, 2017

| Sub Region | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2017/18 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND | BOL | 3,488,083 | 35 | 10 |
| | COL | 11,622,602 | 116 | 54 |
| | ECU | 4,705,464 | 47 | ... |
| | PER | 8,786,980 | 88 | 18 |
| | VEN | 8,765,312 | 88 | 26 |
| BRA | BRA | 47,426,629 | 474 | 59 |
| CAP | CRI | 1,065,783 | 11 | 11 |
| | GTM | 6,032,750 | 60 | 4 |
| | HND | 3,221,178 | 32 | 15 |
| | NIC | 1,814,682 | 18 | 2 |
| | PAN | 1,073,291 | 11 | 4 |
| CAR | SLV | 1,625,466 | 16 | 8 |
| | CAR | 1,758,319 | 18 | 3 |
| LAC | CUB | 1,830,247 | 18 | 3 |
| | DOM | 3,155,763 | 32 | 1 |
| | HTI | 3,616,958 | 36 | 2 |
| MEX | MEX | 34,977,953 | 350 | 138 |
| NOA | CAN | 5,797,902 | 58 | 1 |
| | USA | 61,098,121 | NR | NR |
| SOC | ARG | 10,987,085 | 110 | 43 |
| | CHL | 3,603,758 | 36 | 20 |
| | PRY | 2,077,285 | 21 | 8 |
| | URY | 731,231 | 7 | ... |
| Total | | 229,262,842 | 1682 | 430 |

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

| Country | Total 2016 | Cumm. 2017 | Week | | | | | | | | | | |
|--------------|------------|------------|-----------|-----------|-----------|-----------|----------|----------|----------|-----------|----------|------------|--|
| | | | 1-10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | |
| BOL | 3 | 10 | 7 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | |
| COL | 0 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 0 | |
| ECU | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| PER | 3 | 16 | 4 | 2 | 1 | 5 | 1 | 3 | 0 | 0 | 0 | 0 | |
| VEN | 1 | 12 | 7 | 0 | 2 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | |
| BRA | 0 | 35 | 23 | 5 | 5 | 1 | 1 | 0 | 0 | 0 | ... | ... | |
| CRI | 0 | 12 | 4 | 2 | 2 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | |
| GTM | 14 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HND | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | ... | ... | |
| NIC | 2 | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| PAN | 3 | 4 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | ... | |
| SLV | 6 | 8 | 4 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | ... | |
| CAR | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CUB | 17 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | |
| DOM | 0 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| HTI | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | |
| MEX | 0 | 14 | 2 | 1 | 2 | 0 | 1 | 1 | 1 | 3 | 3 | ... | |
| CAN | 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 | |
| ARG | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | |
| CHL | 6 | 16 | 11 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | |
| PRY | 0 | 9 | 6 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | |
| URY | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Total | 68 | 162 | 82 | 15 | 13 | 14 | 8 | 5 | 8 | 14 | 3 | ... | |

*As reported by countries NR - No reporting ... - No data

Table No.3 Confirmed and compatible polio cases, and AFP surveillance indicators, 2017 and 2016

| Sub Region | Country | Polio 2017 | | AFP Cases and indicators, last 52 weeks (2016/19 - 2017/18) | | | | | Polio 2016 | | AFP Cases and indicators, 2016 (2016/1 - 2016/52) | | | | |
|----------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|---|-------------|-----------------|----------------|-------------------|
| | | 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 | 24 | 0.69 | 92 | 83 | ... | 0 | 0 | 24 | 0.69 | 92 | 79 | 79 |
| | COL | 0 | 0 | 161 | 1.39 | 75 | 84 | 94 | 0 | 0 | 185 | 1.59 | 76 | 83 | 93 |
| | ECU | 0 | 0 | 17 | 0.36 | 100 | 82 | ... | 0 | 0 | 25 | 0.53 | 100 | 84 | ... |
| | PER | 0 | 0 | 52 | 0.59 | 75 | 73 | 75 | 0 | 0 | 56 | 0.64 | 80 | 75 | 70 |
| | VEN | 0 | 0 | 78 | 0.89 | 92 | 79 | 84 | 0 | 0 | 113 | 1.29 | 88 | 78 | 84 |
| BRA | BRA | 0 | 0 | 338 | 0.71 | 99 | 65 | 90 | 0 | 0 | 500 | 1.05 | 99 | 64 | 93 |
| CAP | CRI | 0 | 0 | 33 | 3.10 | 55 | 85 | 0 | 0 | 0 | 31 | 2.91 | 55 | 90 | ... |
| | GTM | 0 | 0 | 22 | 0.36 | ... | 55 | 76 | 0 | 0 | 30 | 0.50 | ... | 67 | 77 |
| | HND | 0 | 0 | 60 | 1.86 | 42 | 90 | 90 | 0 | 0 | 65 | 2.02 | 49 | 83 | 90 |
| | NIC | 0 | 0 | 16 | 0.88 | 100 | 100 | 97 | 0 | 0 | 26 | 1.43 | 88 | 100 | 100 |
| | PAN | 0 | 0 | 17 | 1.58 | 76 | 94 | 76 | 0 | 0 | 17 | 1.58 | 76 | 88 | 80 |
| SLV | 0 | 0 | 39 | 2.40 | 31 | 69 | 42 | 0 | 0 | 47 | 2.89 | 38 | 72 | 35 | |
| CAR | CAR | 0 | 0 | 20 | 1.14 | 95 | 30 | 84 | 0 | 0 | 24 | 1.36 | 92 | 21 | 86 |
| LAC | CUB | 0 | 0 | 16 | 0.87 | 100 | 94 | 100 | 0 | 0 | 17 | 0.93 | 100 | 88 | 100 |
| | DOM | 0 | 0 | 24 | 0.76 | 8 | 83 | ... | 0 | 0 | 33 | 1.05 | 6 | 82 | ... |
| | HTI | 0 | 0 | 14 | 0.39 | 71 | 57 | 79 | 0 | 0 | 14 | 0.39 | 71 | 50 | 78 |
| MEX | MEX | 0 | 0 | 569 | 1.63 | 98 | 76 | ... | 0 | 0 | 600 | 1.72 | 99 | 79 | ... |
| NOA | CAN | 0 | 0 | 32 | 0.55 | ... | 41 | ... | 0 | 0 | 39 | 0.67 | ... | 36 | ... |
| | USA | 0 | 0 | NR | NR | NR | NR | NR | 0 | 0 | NR | NR | NR | NR | NR |
| SOC | ARG | 0 | 0 | 186 | 1.69 | 44 | 73 | 84 | 0 | 0 | 207 | 1.88 | 41 | 71 | 85 |
| | CHL | 0 | 0 | 69 | 1.91 | 71 | 62 | ... | 0 | 0 | 75 | 2.08 | 80 | 71 | ... |
| | PRY | 0 | 0 | 33 | 1.59 | 88 | 85 | 83 | 0 | 0 | 29 | 1.40 | 93 | 86 | 80 |
| | URY | 0 | 0 | 5 | 0.68 | 100 | 60 | ... | 0 | 0 | 5 | 0.68 | 100 | 60 | ... |
| Total § | | 0 | 0 | 1825 | 1.09 | 80 | 74 | - | 0 | 0 | 2162 | 1.29 | 81 | 74 | - |

+ 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 2016/19 - 2017/18

| Lab. | Country | Number of specimens from AFP cases | Virus Isolation Test | | | | | | | | | | | | | |
|----------------|---------|------------------------------------|----------------------|-------------------|-------------------|-----------------|-------------------|-----------|-------------|----------|------------|------------------------------|-------------------------------|-------------------------------------|---------------------|--|
| | | | Pending results | | | With results | | | | | | | % Positive specimens for NPEV | Timing of isolation results | | |
| | | | Not yet in lab. | Received ≤14 Days | Received >14 Days | Only poliovirus | Poliovirus & NPEV | Only NPEV | Negative | Others | Inadequate | Total specimens with results | | Total with reception & result dates | % Results ≤ 14 days | |
| CAR | BLZ | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 50 | |
| | DOM | 24 | 1 | 0 | 0 | 0 | 0 | 2 | 21 | 0 | 0 | 9 | 23 | 23 | 100 | |
| | GUY | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | HND | 59 | 0 | 0 | 1 | 0 | 0 | 6 | 52 | 0 | 0 | 10 | 58 | 58 | 97 | |
| | HTI | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 11 | 100 | |
| | JAM | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 100 | |
| | NIC | 16 | 3 | 0 | 0 | 0 | 0 | 2 | 11 | 0 | 0 | 15 | 13 | 13 | 100 | |
| | PAN | 16 | 6 | 0 | 0 | 0 | 0 | 3 | 7 | 0 | 0 | 30 | 10 | 10 | 100 | |
| | TTO | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 100 | |
| CDC | GTM | 18 | 10 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 7 | 0 | |
| | PRY | 32 | 7 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 25 | 25 | 88 | |
| | SLV | 30 | 0 | 0 | 2 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 28 | 28 | 0 | |
| FIO | BRA | 239 | 16 | 0 | 12 | 0 | 0 | 5 | 206 | 0 | 0 | 2 | 211 | 211 | 59 | |
| | PER | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 29 | 25 | 32 | |
| IEC | BRA | 52 | 4 | 0 | 0 | 0 | 0 | 2 | 46 | 0 | 0 | 4 | 48 | 48 | 71 | |
| INDRE | MEX | 460 | 1 | 5 | 5 | 3 | 0 | 35 | 414 | 0 | 0 | 8 | 452 | 448 | 99 | |
| INH | VEN | 73 | 4 | 0 | 10 | 1 | 0 | 2 | 56 | 0 | 0 | 5 | 58 | 58 | 72 | |
| INS | COL | 153 | 0 | 6 | 1 | 0 | 0 | 14 | 132 | 0 | 0 | 10 | 146 | 146 | 97 | |
| | CRI | 47 | 5 | 0 | 2 | 0 | 0 | 3 | 37 | 0 | 0 | 8 | 40 | 40 | 98 | |
| | ECU | 17 | 3 | 0 | 0 | 0 | 0 | 1 | 13 | 0 | 0 | 7 | 14 | 14 | 29 | |
| | VEN | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 3 | 67 | |
| INS | PER | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| IPK | CUB | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ISP | CHL | 53 | 0 | 0 | 0 | 0 | 0 | 5 | 48 | 0 | 0 | 9 | 53 | 53 | 94 | |
| MAL | ARG | 177 | 0 | 0 | 3 | 2 | 0 | 13 | 159 | 0 | 0 | 9 | 174 | 169 | 74 | |
| | BOL | 24 | 13 | 0 | 0 | 0 | 0 | 1 | 10 | 0 | 0 | 9 | 11 | 11 | 100 | |
| | URY | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 50 | 2 | 2 | 0 | |
| (no lab. name) | ARG | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 100 | |
| | CAN | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 16 | 0 | 0 | |
| | HND | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | PRY | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | VEN | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | | 1596 | 108 | 11 | 37 | 6 | 0 | 95 | 1342 | 0 | 0 | 7 | 1442 | 1412 | 83 | |

... 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 2016/19 - 2017/18

| 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 | | | | | | |
| INDRE | MEX | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 100 | 100 | 100 |
| INH | VEN | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 |
| INS | COL | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 |
| MAL | ARG | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | 100 | 100 |
| Total | | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 100 | 100 | 100 |