



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 2 January 2016

Table No.1
Expected and reported AFP cases, 2015

| Sub Region | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2015/52 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND | BOL | 3,830,147 | 38 | 30 |
| | COL | 12,900,000 | 129 | 127 |
| | ECU | 4,982,359 | 50 | 22 |
| | PER | 9,308,490 | 93 | 65 |
| | VEN | 8,569,000 | 86 | 84 |
| BRA | BRA | 47,062,224 | 471 | 363 |
| CAP | CRI | 1,121,000 | 11 | 21 |
| | GTM | 4,229,000 | 42 | 15 |
| | HND | 3,155,746 | 32 | 62 |
| | NIC | 2,019,000 | 20 | 20 |
| | PAN | 1,087,657 | 11 | 14 |
| SLV | SLV | 1,827,000 | 18 | 12 |
| | CAR | CAR | 2,019,000 | 20 |
| LAC | CUB | 1,929,000 | 19 | 6 |
| | DOM | 3,023,000 | 30 | 14 |
| | HTI | 3,919,255 | 39 | 12 |
| MEX | MEX | 34,583,967 | 346 | 536 |
| NOA | CAN | 5,645,000 | 56 | 12 |
| | USA | 60,921,000 | NR | NR |
| SOC | ARG | 10,165,000 | 102 | 199 |
| | CHL | 3,863,000 | 39 | 66 |
| | PRY | 2,181,224 | 22 | 25 |
| | URY | 772,000 | 8 | 4 |
| Total | | 229,113,069 | 1682 | 1718 |

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

| Country | Total 2014 | Cumm. 2015 | Week | | | | | | | | | | |
|--------------|------------|------------|------------|-----------|-----------|----------|-----------|-----------|----------|----------|----------|------------|--|
| | | | 1-44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | | |
| BOL | 0 | 12 | 7 | 1 | 3 | 1 | 0 | ... | ... | ... | ... | ... | |
| COL | 0 | 22 | 16 | 1 | 1 | 0 | 1 | 2 | 1 | 0 | ... | ... | |
| ECU | 0 | 1 | 1 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | |
| PER | 0 | 14 | 7 | 3 | 1 | 2 | 1 | 0 | 0 | ... | ... | ... | |
| VEN | 0 | 14 | 11 | 1 | 2 | 0 | 0 | 0 | ... | ... | ... | ... | |
| BRA | 0 | 114 | 109 | 1 | 1 | 1 | 0 | 2 | 0 | ... | ... | ... | |
| CRI | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| GTM | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HND | 0 | 6 | 0 | 0 | 0 | 2 | 3 | 1 | 0 | 0 | ... | ... | |
| NIC | 0 | 12 | 3 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | |
| PAN | 0 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SLV | 0 | 7 | 7 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | |
| CAR | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| DOM | 0 | 8 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HTI | 0 | 6 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MEX | 0 | 15 | 1 | 4 | 1 | 0 | 0 | 3 | 3 | 2 | 1 | ... | |
| 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 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| CHL | 0 | 36 | 26 | 0 | 3 | 0 | 2 | 1 | 2 | 2 | 0 | ... | |
| PRY | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| URY | 0 | 2 | 2 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | |
| Total | 0 | 294 | 223 | 15 | 15 | 8 | 11 | 10 | 6 | 4 | 2 | ... | |

*As reported by countries

NR - No reporting

... - No data

Table No.3
Confirmed and compatible polio cases, and AFP surveillance indicators, 2015 and 2014

| Sub Region | Country | Polio 2015 | | AFP Cases and indicators, last 52 weeks (2015/1 - 2015/52) | | | | | Polio 2014 | | AFP Cases and indicators, 2014 (2014/1 - 2014/53) | | | | |
|--------------------------|---------|------------|------------|--|-------------|-----------------|----------------|-------------------|------------|------------|---|-------------|-----------------|----------------|-------------------|
| | | 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 | 30 | 0.78 | 87 | 93 | 83 | 0 | 0 | 41 | 1.07 | 95 | 79 | 83 |
| | COL | 0 | 0 | 127 | 0.98 | 62 | 78 | 92 | 0 | 0 | 166 | 1.29 | 25 | 81 | 92 |
| | ECU | 0 | 0 | 22 | 0.44 | 59 | 100 | ... | 0 | 0 | 22 | 0.44 | ... | 68 | ... |
| | PER | 0 | 0 | 65 | 0.70 | 80 | 68 | ... | 0 | 0 | 58 | 0.62 | 57 | 62 | 88 |
| | VEN | 0 | 0 | 84 | 0.98 | 81 | 73 | 8 | 0 | 0 | 64 | 0.75 | 97 | 88 | ... |
| BRA | BRA | 0 | 0 | 363 | 0.77 | 97 | 68 | ... | 0 | 0 | 444 | 0.94 | 95 | 69 | 80 |
| CAP | CRI | 0 | 0 | 21 | 1.87 | 38 | 100 | ... | 0 | 0 | 18 | 1.61 | 56 | 94 | ... |
| | GTM | 0 | 0 | 15 | 0.35 | ... | 80 | 80 | 0 | 0 | 31 | 0.73 | 6 | 61 | 60 |
| | HND | 0 | 0 | 62 | 1.96 | 26 | 82 | 89 | 0 | 0 | 60 | 1.90 | 28 | 90 | 90 |
| | NIC | 0 | 0 | 20 | 0.99 | 90 | 90 | 100 | 0 | 0 | 28 | 1.39 | 82 | 100 | 100 |
| | PAN | 0 | 0 | 14 | 1.29 | 79 | 86 | 85 | 0 | 0 | 14 | 1.29 | 64 | 71 | 75 |
| SLV | 0 | 0 | 12 | 0.66 | 33 | 92 | 55 | 0 | 0 | 50 | 2.74 | 58 | 84 | 50 | |
| CAR | CAR | 0 | 0 | 9 | 0.45 | 56 | 33 | 85 | 0 | 0 | 10 | 0.50 | 60 | 60 | 72 |
| LAC | CUB | 0 | 0 | 6 | 0.31 | 100 | 83 | 100 | 0 | 0 | 10 | 0.52 | 100 | 80 | 100 |
| | DOM | 0 | 0 | 14 | 0.46 | 14 | 79 | 48 | 0 | 0 | 23 | 0.76 | 9 | 78 | 49 |
| | HTI | 0 | 0 | 12 | 0.31 | 75 | 67 | 93 | 0 | 0 | 22 | 0.54 | 71 | 52 | 67 |
| MEX | MEX | 0 | 0 | 536 | 1.55 | 99 | 74 | ... | 0 | 0 | 599 | 1.73 | 99 | 80 | ... |
| NOA | CAN | 0 | 0 | 12 | 0.21 | ... | 25 | ... | 0 | 0 | 28 | 0.50 | ... | 7 | ... |
| | USA | 0 | 0 | NR | NR | NR | NR | NR | 0 | 0 | NR | NR | NR | NR | NR |
| SOC | ARG | 0 | 0 | 199 | 1.96 | 65 | 82 | 88 | 0 | 0 | 213 | 2.10 | 53 | 83 | 87 |
| | CHL | 0 | 0 | 66 | 1.71 | 50 | 53 | 99 | 0 | 0 | 71 | 1.84 | 58 | 83 | 99 |
| | PRY | 0 | 0 | 25 | 1.15 | 88 | 76 | 86 | 0 | 0 | 16 | 0.73 | 50 | 63 | 81 |
| | URY | 0 | 0 | 4 | 0.52 | 100 | 50 | ... | 0 | 0 | 3 | 0.39 | 67 | 100 | ... |
| Total[§] | | 0 | 0 | 1718 | 1.02 | 81 | 74 | - | 0 | 0 | 1991 | 1.18 | 74 | 76 | - |

+ Taken within 14 days of onset of paralysis
§ Excluding USA

... - No data
NR - No reporting

CAR includes reports from all CAREC 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 2015/1 - 2015/52

| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | |
| | DMA | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | DOM | 9 | 4 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 20 | 5 | 5 | 100 | |
| | GUY | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 100 | |
| | HND | 56 | 0 | 0 | 2 | 0 | 0 | 7 | 47 | 0 | 0 | 13 | 54 | 54 | 65 | |
| | HTI | 12 | 8 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 4 | 100 | |
| | JAM | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 50 | |
| | NIC | 18 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 9 | 78 | |
| | PAN | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | 0 | 0 | 15 | 13 | 77 | |
| TTO | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 1 | 100 | | |
| CDC | GTM | 15 | 6 | 0 | 1 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 1 | 0 | |
| | PRY | 22 | 0 | 0 | 0 | 0 | 0 | 2 | 20 | 0 | 0 | 9 | 22 | 22 | 95 | |
| | SLV | 19 | 0 | 0 | 6 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 13 | 13 | 0 | |
| FIO | BRA | 256 | 25 | 0 | 27 | 3 | 0 | 10 | 191 | 0 | 0 | 6 | 204 | 201 | 67 | |
| | PER | 37 | 1 | 0 | 0 | 0 | 0 | 1 | 35 | 0 | 0 | 3 | 36 | 27 | 30 | |
| IEC | BRA | 49 | 1 | 0 | 2 | 0 | 0 | 1 | 45 | 0 | 0 | 2 | 46 | 44 | 77 | |
| INDRE | MEX | 455 | 0 | 2 | 18 | 5 | 0 | 50 | 380 | 0 | 0 | 13 | 435 | 435 | 99 | |
| INH | CRI | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 100 | |
| INS | COL | 123 | 0 | 0 | 6 | 0 | 0 | 5 | 112 | 0 | 0 | 4 | 117 | 117 | 85 | |
| | CRI | 37 | 0 | 0 | 4 | 0 | 0 | 7 | 25 | 1 | 0 | 22 | 33 | 32 | 50 | |
| | ECU | 22 | 0 | 0 | 0 | 0 | 0 | 3 | 19 | 0 | 0 | 14 | 22 | 20 | 100 | |
| IPK | CUB | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 100 | |
| ISP | CHL | 49 | 0 | 0 | 0 | 1 | 0 | 0 | 48 | 0 | 0 | 2 | 49 | 49 | 92 | |
| MAL | ARG | 204 | 0 | 0 | 20 | 18 | 0 | 9 | 157 | 0 | 0 | 15 | 184 | 184 | 93 | |
| | BOL | 30 | 12 | 0 | 0 | 0 | 0 | 4 | 14 | 0 | 0 | 22 | 18 | 18 | 100 | |
| | URY | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 50 | |
| (no lab. name) | CAN | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | |
| | ECU | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | HND | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | NIC | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | PER | 17 | 12 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 50 | |
| VEN | 76 | 11 | 0 | 2 | 0 | 0 | 4 | 59 | 0 | 0 | 6 | 63 | 54 | 65 | | |
| Total | | 1549 | 101 | 2 | 92 | 27 | 0 | 106 | 1220 | 1 | 0 | 10 | 1354 | 1317 | 84 | |

... 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 2015/1 - 2015/52

| 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 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 100 | 100 | 100 |
| INDRE | MEX | 5 | 3 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 100 | 100 | 100 |
| INS | COL | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 |
| ISP | CHL | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | - | - | - |
| MAL | ARG | 18 | 9 | 12 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 18 | 100 | 100 | 100 |
| Total | | 27 | 14 | 15 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 28 | 100 | 100 | 100 |