



Acute Flaccid Paralysis Surveillance in the Americas

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Week ending 7 February 2015

Table No.1
Expected and reported AFP cases, 2015

| Sub Region | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2015/5 |
|--------------|---------|-----------------------|--------------------|---------------------------|
| AND | BOL | 3,830,147 | 38 | 0 |
| | COL | 12,900,000 | 129 | 2 |
| | ECU | 4,982,359 | 50 | 0 |
| | PER | 9,308,490 | 93 | 0 |
| | VEN | 8,569,000 | 86 | 0 |
| BRA | BRA | 47,062,224 | 471 | 0 |
| CAP | CRI | 1,121,000 | 11 | 0 |
| | GTM | 4,229,000 | 42 | 0 |
| | HND | 3,155,746 | 32 | 3 |
| | NIC | 2,019,000 | 20 | 1 |
| | PAN | 1,087,657 | 11 | 3 |
| | SLV | 1,827,000 | 18 | 0 |
| CAR | CAR | 2,019,000 | 20 | 0 |
| LAC | CUB | 1,929,000 | 19 | 0 |
| | DOM | 3,023,000 | 30 | 0 |
| | HTI | 3,919,255 | 39 | 0 |
| MEX | MEX | 34,583,967 | 346 | 36 |
| NOA | CAN | 5,645,000 | 56 | 0 |
| | USA | 60,921,000 | NR | NR |
| SOC | ARG | 10,165,000 | 102 | 0 |
| | CHL | 3,863,000 | 39 | 0 |
| | PRY | 2,181,224 | 22 | 1 |
| | URY | 772,000 | 8 | 0 |
| Total | | 229,113,069 | 1682 | 46 |

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

| Country | Total 2014 | Cumm. 2015 | Week | | | | |
|--------------|------------|------------|----------|----------|----------|----------|----------|
| | | | 1 | 2 | 3 | 4 | 5 |
| BOL | 3 | 0 | 0 | 0 | 0 | 0 | ... |
| COL | 6 | 0 | 0 | 0 | 0 | 0 | ... |
| ECU | 5 | 0 | 0 | 0 | 0 | 0 | ... |
| PER | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| VEN | 41 | 0 | 0 | 0 | ... | ... | ... |
| BRA | 100 | 0 | ... | ... | ... | ... | ... |
| CRI | 0 | 0 | ... | ... | ... | ... | ... |
| GTM | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| HND | 21 | 3 | 3 | 0 | 0 | 0 | 0 |
| NIC | 2 | 1 | 0 | 0 | 1 | ... | ... |
| PAN | 2 | 3 | 1 | 1 | 0 | 1 | 0 |
| SLV | 28 | 0 | 0 | 0 | ... | ... | ... |
| CAR | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DOM | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| HTI | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEX | 29 | 14 | 1 | 4 | 6 | 1 | 2 |
| CAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| USA | NR | NR | NR | NR | NR | NR | NR |
| ARG | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHL | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRY | 4 | 1 | 1 | 0 | 0 | 0 | 0 |
| URY | 0 | 0 | ... | ... | ... | ... | ... |
| Total | 303 | 22 | 6 | 5 | 7 | 2 | 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 (2014/7 - 2015/5) | | | | | 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 | 38 | 0.99 | 97 | 79 | 83 | 0 | 0 | 42 | 1.10 | 95 | 79 | 83 |
| | COL | 0 | 0 | 153 | 1.19 | 24 | 84 | 92 | 0 | 0 | 167 | 1.29 | 24 | 81 | 92 |
| | ECU | 0 | 0 | 19 | 0.38 | ... | 68 | ... | 0 | 0 | 22 | 0.44 | ... | 68 | ... |
| | PER | 0 | 0 | 51 | 0.55 | 49 | 53 | ... | 0 | 0 | 57 | 0.61 | 51 | 58 | 88 |
| | VEN | 0 | 0 | 48 | 0.56 | 98 | 58 | ... | 0 | 0 | 61 | 0.71 | 97 | 62 | ... |
| BRA | BRA | 0 | 0 | 300 | 0.64 | 95 | 69 | 80 | 0 | 0 | 354 | 0.75 | 95 | 67 | 80 |
| CAP | CRI | 0 | 0 | 15 | 1.34 | 53 | 93 | ... | 0 | 0 | 15 | 1.34 | 53 | 93 | ... |
| | GTM | 0 | 0 | 29 | 0.69 | 7 | 59 | 61 | 0 | 0 | 30 | 0.71 | 7 | 60 | 60 |
| | HND | 0 | 0 | 56 | 1.77 | 18 | 89 | 89 | 0 | 0 | 60 | 1.90 | 25 | 90 | 90 |
| | NIC | 0 | 0 | 25 | 1.24 | 80 | 100 | 100 | 0 | 0 | 28 | 1.39 | 82 | 100 | 100 |
| | PAN | 0 | 0 | 15 | 1.38 | 73 | 87 | 75 | 0 | 0 | 14 | 1.29 | 71 | 79 | 75 |
| | SLV | 0 | 0 | 40 | 2.19 | 53 | 85 | 92 | 0 | 0 | 49 | 2.68 | 57 | 86 | 83 |
| CAR | CAR | 0 | 0 | 9 | 0.45 | 67 | 67 | 75 | 0 | 0 | 10 | 0.50 | 60 | 60 | 72 |
| LAC | CUB | 0 | 0 | 9 | 0.47 | 100 | 89 | 100 | 0 | 0 | 10 | 0.52 | 100 | 80 | 100 |
| | DOM | 0 | 0 | 26 | 0.86 | 4 | 81 | 48 | 0 | 0 | 33 | 1.09 | 9 | 76 | 49 |
| | HTI | 0 | 0 | 18 | 0.46 | 72 | 50 | 73 | 0 | 0 | 20 | 0.51 | 75 | 55 | 69 |
| MEX | MEX | 0 | 0 | 579 | 1.67 | 56 | 79 | ... | 0 | 0 | 599 | 1.73 | 56 | 79 | ... |
| NOA | CAN | 0 | 0 | 20 | 0.35 | ... | 10 | ... | 0 | 0 | 22 | 0.39 | ... | 9 | ... |
| | USA | 0 | 0 | NR | NR | NR | NR | NR | 0 | 0 | 0 | NR | NR | NR | NR |
| SOC | ARG | 0 | 0 | 147 | 1.45 | 56 | 80 | 87 | 0 | 0 | 181 | 1.78 | 52 | 81 | 87 |
| | CHL | 0 | 0 | 62 | 1.60 | 85 | 74 | 99 | 0 | 0 | 72 | 1.86 | 82 | 74 | 99 |
| | PRY | 0 | 0 | 15 | 0.69 | 53 | 53 | 83 | 0 | 0 | 16 | 0.73 | 50 | 56 | 81 |
| | URY | 0 | 0 | 1 | 0.13 | 0 | 100 | ... | 0 | 0 | 2 | 0.26 | 50 | 100 | ... |
| Total § | | 0 | 0 | 1675 | 1.00 | 60 | 74 | - | 0 | 0 | 1864 | 1.11 | 60 | 74 | - |

+ Taken within 14 days of onset of paralysis

... - No data

NR - No reporting

CAR includes reports from all CAREC member countries

§ Excluding USA

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 2014/7 - 2015/5

| 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 | DOM | 24 | 5 | 0 | 0 | 0 | 0 | 1 | 18 | 0 | 0 | 5 | 19 | 19 | 100 | | |
| | GUY | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 3 | 100 | | |
| | HND | 34 | 0 | 0 | 1 | 0 | 0 | 3 | 30 | 0 | 0 | 9 | 33 | 33 | 88 | | |
| | HTI | 18 | 13 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 4 | 100 | | |
| | JAM | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 3 | 100 | | |
| | NIC | 24 | 4 | 0 | 0 | 0 | 0 | 7 | 13 | 0 | 0 | 35 | 20 | 20 | 100 | | |
| | PAN | 15 | 5 | 0 | 1 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 9 | 100 | | |
| CDC | GTM | 29 | 1 | 0 | 1 | 0 | 0 | 8 | 19 | 0 | 0 | 30 | 27 | 2 | 0 | | |
| | NIC | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 100 | 1 | 1 | 100 | | |
| | PRY | 11 | 4 | 0 | 0 | 1 | 0 | 0 | 6 | 0 | 0 | 14 | 7 | 7 | 0 | | |
| | SLV | 40 | 0 | 0 | 7 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 33 | 33 | 0 | | |
| FIO | BRA | 221 | 31 | 0 | 20 | 3 | 0 | 7 | 160 | 0 | 0 | 6 | 170 | 165 | 71 | | |
| | PER | 34 | 5 | 0 | 0 | 0 | 0 | 6 | 23 | 0 | 0 | 21 | 29 | 29 | 76 | | |
| IEC | BRA | 40 | 1 | 0 | 1 | 0 | 0 | 3 | 35 | 0 | 0 | 8 | 38 | 36 | 67 | | |
| INDRE | MEX | 492 | 1 | 3 | 12 | 7 | 0 | 45 | 424 | 0 | 0 | 11 | 476 | 476 | 99 | | |
| INS | COL | 143 | 0 | 0 | 3 | 1 | 0 | 10 | 128 | 1 | 0 | 8 | 140 | 140 | 76 | | |
| | CRI | 34 | 0 | 0 | 11 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 23 | 23 | 70 | | |
| IPK | CUB | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 8 | 100 | | |
| ISP | CHL | 53 | 0 | 0 | 1 | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 52 | 52 | 96 | | |
| MAL | ARG | 152 | 0 | 0 | 13 | 13 | 0 | 5 | 121 | 0 | 0 | 13 | 139 | 139 | 86 | | |
| | BOL | 38 | 3 | 0 | 1 | 0 | 0 | 1 | 33 | 0 | 0 | 3 | 34 | 34 | 32 | | |
| | URY | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | | |
| (no lab. name) | CAN | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | | |
| | DOM | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | ECU | 18 | 4 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 0 | 0 | | |
| | HND | 22 | 22 | 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 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| VEN | 31 | 18 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 0 | 0 | 8 | 13 | 12 | 83 | | |
| Total | | 1497 | 123 | 3 | 72 | 25 | 0 | 98 | 1175 | 1 | 0 | 9 | 1299 | 1249 | 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 2014/7 - 2015/5

| 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 | | | | | | |
| CDC | PRY | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | - | - | - |
| FIO | BRA | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 100 | 67 | 67 |
| INDRE | MEX | 7 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 100 | 100 | 100 |
| INS | COL | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | 100 | 100 |
| ISP | CHL | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 |
| MAL | ARG | 13 | 2 | 6 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 | 100 | 100 | 100 |
| | BOL | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 0 | 0 |
| Total | | 25 | 5 | 10 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 27 | 100 | 93 | 93 |