



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 29, No. 35

Week ending 30 August 2014

Table No.1
Expected and reported AFP cases, 2014

| Sub Region | Country | Population <15 years* | Expected AFP cases | Reported AFP cases 2014/35 |
|--------------|---------|-----------------------|--------------------|----------------------------|
| AND | BOL | 3,620,000 | 36 | 27 |
| | COL | 12,899,289 | 129 | 86 |
| | ECU | 4,306,000 | 43 | 15 |
| | PER | 8,342,000 | 83 | 37 |
| | VEN | 8,439,000 | 84 | 32 |
| BRA | BRA | 47,062,224 | 471 | 119 |
| CAP | CRI | 1,142,000 | 11 | 16 |
| | GTM | 5,877,000 | 59 | 18 |
| | HND | 3,155,746 | 32 | 33 |
| | NIC | 2,018,000 | 20 | 17 |
| | PAN | 1,087,657 | 11 | 9 |
| | SLV | 1,385,433 | 14 | 32 |
| CAR | CAR | 2,019,000 | 20 | 8 |
| LAC | CUB | 1,900,000 | 19 | 7 |
| | DOM | 3,307,000 | 33 | 12 |
| | HTI | 4,058,000 | 41 | 8 |
| MEX | MEX | 34,024,293 | 340 | 375 |
| NOA | CAN | 5,686,000 | 57 | 6 |
| | USA | 60,921,000 | 609 | NR |
| SOC | ARG | 10,162,000 | 102 | 74 |
| | CHL | 3,863,000 | 39 | 47 |
| | PRY | 2,181,224 | 22 | 9 |
| | URY | 772,000 | 8 | 2 |
| Total | | 228,227,866 | 2,283 | 989 |

Table No.2
AFP Cases under investigation, 2014 (All ages)

| Country | Total 2013 | Cumm. 2014 | Week | | | | | | | | | | | | |
|--------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|--|--|
| | | | 1-27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | | | | |
| BOL | 0 | 13 | 11 | 1 | 0 | 1 | 0 | 0 | ... | ... | ... | ... | ... | | |
| COL | 0 | 12 | 3 | 0 | 2 | 1 | 1 | 2 | 3 | 0 | ... | ... | ... | | |
| ECU | 0 | 13 | 13 | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | | |
| PER | 0 | 11 | 4 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | | |
| VEN | 0 | 13 | 13 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | | |
| BRA | 0 | 40 | 38 | 2 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | | |
| CRI | 0 | 8 | 1 | 0 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | | |
| GTM | 0 | 18 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| HND | 0 | 6 | 3 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | | |
| NIC | 0 | 4 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | |
| PAN | 0 | 7 | 5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SLV | 0 | 28 | 24 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | | |
| CAR | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| CUB | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| DOM | 0 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| HTI | 0 | 3 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | | |
| MEX | 0 | 41 | 20 | 3 | 2 | 4 | 2 | 3 | 4 | 1 | 2 | 2 | 2 | | |
| CAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ARG | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| CHL | 2 | 29 | 15 | 2 | 2 | 4 | 2 | 3 | 0 | 0 | 1 | 1 | 1 | | |
| PRY | 0 | 6 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| URY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | | |
| Total | 2 | 266 | 187 | 15 | 11 | 17 | 10 | 15 | 7 | 1 | 3 | 3 | 3 | | |

... - No data

*As reported by countries

NR - No reporting

Table No.3
Confirmed and compatible polio cases, and AFP surveillance indicators, 2014 and 2013

| Sub Region | Country | Polio 2014 | | AFP Cases and indicators, last 52 weeks (2013/36 - 2014/35) | | | | | Polio 2013 | | AFP Cases and indicators, 2013 (2013/01 - 2013/52) | | | | |
|----------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|--|-------------|-----------------|----------------|-------------------|
| | | 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 | 44 | 1.22 | 95 | 80 | 2 | 0 | 0 | 49 | 1.35 | 96 | 86 | 80 |
| | COL | 0 | 0 | 127 | 0.98 | 15 | 71 | 2 | 0 | 0 | 147 | 1.14 | 37 | 76 | 96 |
| | ECU | 0 | 0 | 24 | 0.56 | 0 | 50 | 0 | 0 | 0 | 21 | 0.49 | 0 | 38 | ... |
| | PER | 0 | 0 | 61 | 0.73 | 49 | 74 | 0 | 0 | 1 | 83 | 0.99 | 61 | 63 | ... |
| | VEN | 0 | 0 | 50 | 0.59 | 94 | 78 | 0 | 0 | 0 | 67 | 0.79 | 94 | 69 | ... |
| BRA | BRA | 0 | 0 | 241 | 0.51 | 97 | 71 | 81 | 0 | 0 | 432 | 0.92 | 94 | 69 | 91 |
| CAP | CRI | 0 | 0 | 23 | 2.01 | 48 | 83 | 0 | 0 | 0 | 19 | 1.66 | 53 | 89 | ... |
| | GTM | 0 | 0 | 30 | 0.51 | 0 | 63 | 51 | 0 | 0 | 32 | 0.54 | 0 | 81 | 13 |
| | HND | 0 | 0 | 47 | 1.49 | 38 | 89 | 93 | 0 | 0 | 50 | 1.58 | 50 | 92 | 94 |
| | NIC | 0 | 0 | 27 | 1.34 | 85 | 85 | 100 | 0 | 0 | 20 | 0.99 | 70 | 85 | 100 |
| | PAN | 0 | 0 | 12 | 1.10 | 75 | 67 | 74 | 0 | 0 | 12 | 1.20 | 75 | 67 | 81 |
| | SLV | 0 | 0 | 55 | 3.97 | 38 | 84 | 92 | 0 | 0 | 69 | 4.98 | 38 | 81 | ... |
| CAR | CAR | 0 | 0 | 12 | 0.59 | 42 | 58 | 63 | 0 | 0 | 18 | 0.89 | 28 | 50 | 62 |
| LAC | CUB | 0 | 0 | 11 | 0.58 | 100 | 73 | 2 | 0 | 0 | 16 | 0.84 | 100 | 69 | 90 |
| | DOM | 0 | 0 | 24 | 0.73 | 8 | 79 | 87 | 0 | 0 | 35 | 1.06 | 6 | 80 | 79 |
| | HTI | 0 | 0 | 17 | 0.42 | 82 | 65 | 77 | 0 | 0 | 27 | 0.67 | 81 | 44 | 63 |
| MEX | MEX | 0 | 0 | 570 | 1.68 | 54 | 70 | 0 | 0 | 0 | 541 | 1.59 | 48 | 77 | ... |
| NOA | CAN | 0 | 0 | 12 | 0.21 | 0 | 25 | 0 | 0 | 0 | 30 | 0.53 | 0 | 20 | ... |
| | USA | 0 | 0 | NR | NR | NR | NR | NR | 0 | 0 | NR | NR | NR | NR | NR |
| SOC | ARG | 0 | 0 | 138 | 1.36 | 49 | 78 | 88 | 0 | 0 | 181 | 1.78 | 48 | 74 | 82 |
| | CHL | 0 | 1 | 73 | 1.89 | 82 | 78 | 2 | 0 | 0 | 75 | 1.94 | 96 | 80 | 96 |
| | PRY | 0 | 0 | 15 | 0.69 | 40 | 33 | 6 | 0 | 0 | 18 | 0.83 | 72 | 61 | 6 |
| | URY | 0 | 0 | 2 | 0.26 | 50 | 100 | 0 | 0 | 0 | 2 | 0.26 | 50 | 50 | ... |
| Total § | | 0 | 1 | 1615 | 0.97 | 58 | 72 | - | 0 | 1 | 1944 | 1.16 | 61 | 73 | - |

+ Taken within 14 days of onset of paralysis

... - No data

CAR includes reports from all CAREC 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 2013/36 - 2014/35

| 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 | BLZ | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 100 | | |
| | DOM | 25 | 9 | 0 | 0 | 0 | 0 | 1 | 13 | 2 | 0 | 7 | 16 | 16 | 88 | | |
| | GUY | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 4 | 100 | | |
| | HND | 44 | 3 | 0 | 0 | 0 | 0 | 3 | 38 | 0 | 0 | 7 | 41 | 41 | 90 | | |
| | HTI | 17 | 9 | 0 | 0 | 0 | 0 | 1 | 7 | 0 | 0 | 13 | 8 | 6 | 100 | | |
| | JAM | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 3 | 100 | | |
| | NIC | 26 | 4 | 0 | 0 | 0 | 0 | 7 | 15 | 0 | 0 | 32 | 22 | 22 | 95 | | |
| | PAN | 12 | 7 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 100 | | |
| CDC | GTM | 28 | 16 | 0 | 0 | 0 | 0 | 1 | 11 | 0 | 0 | 8 | 12 | 5 | 20 | | |
| | PRY | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 8 | 0 | | |
| | SLV | 55 | 0 | 0 | 14 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 41 | 41 | 0 | | |
| FIO | BRA | 171 | 13 | 0 | 10 | 2 | 0 | 8 | 138 | 0 | 0 | 7 | 148 | 145 | 73 | | |
| | PER | 57 | 10 | 0 | 0 | 0 | 0 | 9 | 38 | 0 | 0 | 19 | 47 | 47 | 77 | | |
| IEC | BRA | 38 | 2 | 0 | 1 | 0 | 0 | 3 | 32 | 0 | 0 | 9 | 35 | 35 | 71 | | |
| INDRE | MEX | 465 | 1 | 18 | 9 | 7 | 0 | 51 | 379 | 0 | 0 | 13 | 437 | 437 | 99 | | |
| INS | COL | 110 | 0 | 0 | 2 | 1 | 0 | 5 | 102 | 0 | 0 | 6 | 108 | 108 | 74 | | |
| | CRI | 44 | 0 | 0 | 6 | 0 | 0 | 0 | 34 | 4 | 0 | 0 | 38 | 34 | 44 | | |
| | ECU | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | | |
| IPK | CUB | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 10 | 10 | 90 | | |
| ISP | CHL | 71 | 0 | 0 | 2 | 0 | 0 | 0 | 69 | 0 | 0 | 0 | 69 | 69 | 80 | | |
| MAL | ARG | 146 | 4 | 0 | 21 | 17 | 0 | 6 | 98 | 0 | 0 | 19 | 121 | 121 | 88 | | |
| | BOL | 44 | 12 | 0 | 1 | 1 | 0 | 3 | 27 | 0 | 0 | 13 | 31 | 31 | 48 | | |
| | URY | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 50 | | |
| (no lab. name) | CAN | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | | |
| | CRI | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | | |
| | ECU | 19 | 13 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 6 | 0 | 0 | | |
| | GTM | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | HND | 7 | 7 | 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 | | |
| | PRY | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | VEN | 42 | 7 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 35 | 26 | 69 | | |
| Total | | 1460 | 122 | 18 | 66 | 28 | 0 | 98 | 1121 | 7 | 0 | 10 | 1254 | 1218 | 81 | | |

... 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 2013/36 - 2014/35

| Lab. | Country | Number of poliovirus isolated | Poliovirus Intratypic Differentiation Results | | | | | | | | | 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 |
|--------------|---------|-------------------------------|---|-----------|-----------|----------|----------|----------|----------|----------|----------|---------------------|--------------------------------------|---|--|---|---|
| | | | Sabin | | | VDPV | | | Wild | | | | | | | | |
| | | | P1 | P2 | P3 | P1 | P2 | P3 | P1 | P2 | P3 | | | | | | |
| FIO | BRA | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | 100 | 100 |
| INDRE | MEX | 7 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 | 100 | 100 | 100 |
| INS | COL | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 |
| ISP | CHL | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 |
| MAL | ARG | 17 | 6 | 5 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | 100 | 100 | 100 |
| | BOL | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 0 | 0 |
| Total | | 28 | 9 | 10 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 28 | 100 | 96 | 96 |