



Acute Flaccid Paralysis Surveillance in the Americas

Vol. 28, No. 37

Week ending 14 September 2013

Table No.1
Expected and reported AFP cases, 2013

| Sub Region | Country | Population <15 years * | Expected AFP cases | Reported AFP cases 2013/01-37 |
|--------------|-----------|------------------------|--------------------|-------------------------------|
| AND | BOL | 3,620,000 | 36 | 31 |
| | COL | 12,899,289 | 129 | 97 |
| | ECU | 4,306,000 | 43 | 8 |
| | PER | 8,342,000 | 83 | 55 |
| | VEN | 8,439,000 | 84 | 30 |
| BRA | BRA | 47,062,224 | 471 | 196 |
| CAP | CRI | 1,142,000 | 11 | 11 |
| | GTM | 5,877,000 | 59 | 16 |
| | HND | 3,155,746 | 32 | 36 |
| | NIC | 2,018,000 | 20 | 10 |
| | PAN | 999,000 | 10 | 7 |
| SLV | 2,339,000 | 23 | 11 | |
| CAR | CAR | 2,019,000 | 40 | 20 |
| LAC | CUB | 1,900,000 | 19 | 11 |
| | DOM | 3,307,000 | 33 | 22 |
| | HTI | 4,058,000 | 41 | 17 |
| MEX | MEX | 34,024,293 | 340 | 366 |
| NOA | CAN | 5,686,000 | 57 | 0 |
| | USA | 60,921,000 | 609 | - |
| SOC | ARG | 10,162,000 | 102 | 106 |
| | CHL | 3,863,000 | 39 | 49 |
| | PRY | 2,181,224 | 22 | 13 |
| | URY | 772,000 | 8 | 1 |
| Total | | 229,092,776 | 2,311 | 1113 |

*As reported by countries

Table No.2
AFP cases under investigation, 2013

| Country | Total 2012 | Cum. 2013 | Week | | | | | | | | | | |
|--------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|--|
| | | | 1-29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | | |
| BOL | 0 | 8 | 6 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| COL | 0 | 12 | 5 | 0 | 1 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | |
| ECU | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PER | 0 | 11 | 3 | 1 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | |
| VEN | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| BRA | 0 | 71 | 64 | 1 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | |
| CRI | 0 | 6 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | |
| GTM | 0 | 12 | 9 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HND | 0 | 6 | 0 | 0 | 0 | 3 | 0 | 1 | 1 | 1 | 0 | 0 | |
| NIC | 0 | 7 | 0 | 1 | 1 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | |
| PAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SLV | 0 | 11 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CAR | 0 | 14 | 8 | 0 | 2 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | |
| CUB | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| DOM | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| GLP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| GUF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HTI | 0 | 15 | 9 | 0 | 2 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | |
| MTQ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MEX | 0 | 169 | 82 | 11 | 12 | 12 | 15 | 10 | 10 | 10 | 7 | 0 | |
| CAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ARG | 0 | 15 | 7 | 0 | 3 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | |
| CHL | 0 | 12 | 7 | 0 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | |
| PRY | 0 | 13 | 10 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | |
| URY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | 0 | 414 | 252 | 19 | 30 | 27 | 30 | 16 | 19 | 14 | 7 | 0 | |

Table No.3
Confirmed and compatible polio cases, and AFP surveillance indicators, 2012 - 2013

| Sub Region | Country | Polio 2013 | | AFP Cases and indicators, last 52 weeks (2012/38 - 2013/37) | | | | | Polio 2012 | | AFP Cases and indicators, 2012 (2012/01 - 2012/52) | | | | |
|----------------|---------|------------|------------|---|-------------|-----------------|----------------|-------------------|------------|------------|--|-------------|-----------------|----------------|-------------------|
| | | 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 | 43 | 1.19 | 88 | 84 | - | 0 | 0 | 44 | 1.22 | 86 | 91 | - |
| | COL | 0 | 0 | 121 | 0.94 | 35 | 74 | 95 | 0 | 0 | 124 | 0.96 | 64 | 88 | 91 |
| | ECU | 0 | 0 | 11 | 0.26 | 0 | 64 | - | 0 | 0 | 34 | 0.79 | 35 | 76 | 55 |
| | PER | 0 | 0 | 73 | 0.88 | 67 | 64 | - | 0 | 0 | 99 | 1.19 | 75 | 73 | - |
| | VEN | 0 | 0 | 42 | 0.50 | 86 | 79 | - | 0 | 0 | 79 | 0.94 | 89 | 81 | 85 |
| BRA | BRA | 0 | 0 | 313 | 0.63 | 90 | 70 | 91 | 0 | 2 | 500 | 1.01 | 96 | 74 | - |
| CAP | CRI | 0 | 0 | 17 | 1.49 | 53 | 88 | - | 0 | 0 | 23 | 2.01 | 48 | 91 | - |
| | GTM | 0 | 0 | 26 | 0.44 | 4 | 77 | 11 | 0 | 0 | 49 | 0.83 | 14 | 78 | 21 |
| | HND | 0 | 0 | 44 | 1.39 | 52 | 95 | 94 | 0 | 0 | 60 | 1.91 | 100 | 90 | 93 |
| | NIC | 0 | 0 | 16 | 0.79 | 75 | 100 | 100 | 0 | 0 | 31 | 1.54 | 90 | 87 | 100 |
| | PAN | 0 | 0 | 12 | 1.20 | 83 | 83 | 81 | 0 | 0 | 8 | 0.80 | 100 | 100 | 77 |
| SLV | 0 | 0 | 16 | 0.68 | 75 | 63 | - | 0 | 0 | 50 | 2.14 | 78 | 96 | - | |
| CAR | CAR | 0 | 0 | 23 | 1.14 | 30 | 4 | 57 | 0 | 0 | 5 | 0.25 | 80 | 40 | 77 |
| LAC | CUB | 0 | 0 | 11 | 0.58 | 100 | 82 | 40 | 0 | 0 | 20 | 1.05 | 100 | 85 | 57 |
| | DOM | 0 | 0 | 39 | 1.18 | 18 | 82 | 84 | 0 | 0 | 38 | 1.15 | 21 | 87 | 60 |
| | HTI | 0 | 0 | 17 | 0.42 | 76 | 47 | 82 | 0 | 0 | 3 | 0.07 | 33 | 67 | 65 |
| MEX | MEX | 0 | 0 | 580 | 1.70 | 73 | 67 | - | 0 | 0 | 594 | 1.75 | 72 | 80 | - |
| NOA | CAN | 0 | 0 | 14 | 0.25 | 0 | -- | - | 0 | 0 | 36 | 0.63 | 0 | 0 | - |
| | USA | 0 | 0 | NR | NR | NR | NR | NR | 0 | 0 | NR | NR | NR | NR | NR |
| SOC | ARG | 0 | 0 | 168 | 1.65 | 55 | 68 | 97 | 0 | 0 | 182 | 1.79 | 59 | 79 | 100 |
| | CHL | 0 | 0 | 74 | 1.92 | 99 | 77 | 98 | 0 | 0 | 99 | 2.56 | 96 | 77 | 97 |
| | PRY | 0 | 0 | 22 | 1.01 | 68 | 73 | - | 0 | 0 | 21 | 0.96 | 76 | 81 | - |
| | URY | 0 | 0 | 1 | 0.13 | 0 | 100 | - | 0 | 0 | 2 | 0.26 | 0 | 50 | - |
| Total § | | 0 | 0 | 1683 | 0.99 | 69 | 70 | -- | 0 | 2 | 2101 | 1.23 | 75 | 78 | -- |

+ 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

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 2012/38 - 2013/37

| 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 | Inadequate | | Total specimens with results | Total with reception & result dates | % Results ≤ 14 days |
| CAR | DOM | 35 | 1 | 0 | 0 | 0 | 0 | 4 | 28 | 2 | 12 | 34 | 33 | 100 |
| | HND | 44 | 6 | 0 | 0 | 0 | 0 | 3 | 34 | 0 | 8 | 38 | 38 | 100 |
| | HTI | 23 | 16 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 7 | 3 | 100 |
| | JAM | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 2 | 100 |
| | NIC | 18 | 5 | 0 | 2 | 0 | 0 | 1 | 10 | 0 | 9 | 11 | 11 | 91 |
| | PAN | 13 | 1 | 0 | 0 | 0 | 0 | 2 | 10 | 0 | 17 | 12 | 12 | 100 |
| CDC | GTM | 25 | 9 | 0 | 9 | 0 | 0 | 0 | 7 | 0 | 0 | 7 | 0 | 0 |
| | PRY | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 4 | 0 |
| | SLV | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FIO | BRA | 225 | 24 | 0 | 12 | 2 | 0 | 15 | 172 | 0 | 9 | 189 | 183 | 79 |
| | PER | 62 | 5 | 0 | 0 | 0 | 0 | 7 | 50 | 0 | 12 | 57 | 57 | 77 |
| IEC | BRA | 51 | 11 | 0 | 1 | 0 | 0 | 3 | 36 | 0 | 8 | 39 | 35 | 69 |
| INDRE | MEX | 589 | 210 | 3 | 33 | 6 | 0 | 13 | 322 | 2 | 6 | 343 | 342 | 96 |
| INH | VEN | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 12 | 10 | 10 |
| INP | PER | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 100 |
| INS | COL | 109 | 0 | 0 | 1 | 0 | 0 | 13 | 95 | 0 | 12 | 108 | 108 | 86 |
| | CRI | 31 | 0 | 0 | 6 | 0 | 0 | 4 | 21 | 0 | 16 | 25 | 25 | 56 |
| | ECU | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 |
| IPK | CUB | 12 | 11 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 100 |
| ISP | CHL | 71 | 0 | 0 | 0 | 0 | 0 | 4 | 67 | 0 | 6 | 71 | 71 | 70 |
| MAL | ARG | 167 | 1 | 0 | 17 | 14 | 0 | 9 | 126 | 0 | 15 | 149 | 146 | 79 |
| | BOL | 43 | 8 | 0 | 1 | 0 | 0 | 3 | 31 | 0 | 9 | 34 | 29 | 45 |
| | URY | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| (no lab. name) | BRA | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 100 |
| | CAN | 14 | 9 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 |
| | DOM | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ECU | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | NIC | 5 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | PRY | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VEN | 27 | 8 | 0 | 0 | 0 | 0 | 0 | 1 | 18 | 0 | 5 | 19 | 16 | 44 |
| Total | | 1627 | 365 | 3 | 86 | 22 | 0 | 82 | 1063 | 5 | 9 | 1173 | 1128 | 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 2012/38 - 2013/37

| 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 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | - | - | - |
| INDRE | MEX | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 100 | 100 |
| INS | COL | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 100 |
| MAL | ARG | 14 | 7 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 27 | 100 | 100 |
| | BOL | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Total | | 22 | 8 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 18 | 18 | 28 | 94 | 94 |