

Acute Flaccid Paralysis Surveillance



Table No.1

Expected and reported AFP cases, 2013

| Sub Region | Country | Population <15 years * | Expected AFP cases | Reported AFP cases 2013/01-08 |
|--------------|---------|------------------------|--------------------|-------------------------------|
| AND | BOL | 3,620,000 | 36 | 6 |
| | COL | 13,074,000 | 131 | 10 |
| | ECU | 4,306,000 | 43 | 0 |
| | PER | 8,342,000 | 83 | 13 |
| | VEN | 8,439,000 | 84 | 4 |
| BRA | BRA | 49,477,000 | 495 | 1 |
| CAP | CRI | 1,142,000 | 11 | 1 |
| | GTM | 5,877,000 | 59 | 2 |
| | HND | 341,479 | 30 | 9 |
| | NIC | 2,018,000 | 20 | 0 |
| | PAN | 999,000 | 10 | 0 |
| | SLV | 2,339,000 | 23 | 0 |
| CAR | CAR | 2,019,000 | 20 | 0 |
| LAC | CUB | 1,900,000 | 19 | 1 |
| | DOM | 3,307,000 | 33 | 4 |
| | HTI | 4,058,000 | 41 | 0 |
| MEX | MEX | 34,024,293 | 340 | 54 |
| NOA | CAN | 5,686,000 | 57 | 0 |
| | USA | 60,921,000 | 609 | 0 |
| SOC | ARG | 10,162,000 | 102 | 4 |
| | CHL | 3,863,000 | 39 | 7 |
| | PRY | 2,000,000 | 20 | 2 |
| | URY | 772,000 | 8 | 0 |
| Total | | 231,386,772 | 2313 | 118 |

*As reported by countries

Table No.2

AFP cases under investigation, 2013

| Country | Total 2012 | Cum. 2013 | Week | | | | | | | | |
|--------------|------------|-----------|-----------|----------|-----------|-----------|----------|----------|----------|----------|----------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| BOL | 8 | 6 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COL | 1 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 3 | 0 |
| ECU | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PER | 6 | 12 | 5 | 3 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| VEN | 0 | 4 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| BRA | 97 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CRI | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| GTM | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HND | 8 | 9 | 3 | 0 | 2 | 2 | 1 | 0 | 1 | 0 | 0 |
| NIC | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SLV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CUB | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DOM | 9 | 4 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| GLP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GUF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HTI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MTQ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEX | 64 | 30 | 0 | 2 | 12 | 5 | 3 | 3 | 3 | 2 | 2 |
| CAN | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARG | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHL | 13 | 7 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | 2 | 2 |
| PRY | 10 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| URY | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 258 | 86 | 20 | 9 | 19 | 11 | 8 | 7 | 8 | 4 | 4 |

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 (2012/09 - 2013/08) | | | | | 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 | 44 | 1.22 | 87 | 91 | -- | 0 | 0 | 45 | 1.24 | 87 | 93 | -- |
| | COL | 0 | 0 | 101 | 0.77 | 37 | 84 | 93 | 0 | 0 | 115 | 0.88 | 38 | 89 | 91 |
| | ECU | 0 | 0 | 16 | 0.37 | 29 | 75 | 18 | 0 | 0 | 25 | 0.58 | 44 | 80 | 40 |
| | PER | 0 | 0 | 90 | 1.08 | 73 | 71 | -- | 0 | 0 | 99 | 1.19 | 73 | 73 | -- |
| | VEN | 0 | 0 | 68 | 0.81 | 85 | 78 | 49 | 0 | 0 | 79 | 0.94 | 86 | 81 | 61 |
| BRA | BRA | 0 | 0 | 346 | 0.70 | 95 | 66 | 96 | 0 | 0 | 429 | 0.87 | 96 | 66 | 96 |
| CAP | CRI | 0 | 0 | 22 | 1.93 | 41 | 91 | 0 | 0 | 0 | 23 | 2.01 | 43 | 91 | 0 |
| | GTM | 0 | 0 | 40 | 0.68 | 5 | 83 | 5 | 0 | 0 | 47 | 0.80 | 15 | 79 | 5 |
| | HND | 0 | 0 | 53 | 1.74 | 92 | 89 | 88 | 0 | 0 | 59 | 1.94 | 100 | 90 | 93 |
| | NIC | 0 | 0 | 26 | 1.29 | 85 | 81 | 94 | 0 | 0 | 30 | 1.49 | 80 | 83 | 100 |
| | PAN | 0 | 0 | 8 | 0.80 | 100 | 100 | 30 | 0 | 0 | 8 | 0.80 | 100 | 100 | 22 |
| | SLV | 0 | 0 | 40 | 1.71 | 86 | 103 | 0 | 0 | 0 | 50 | 2.14 | 77 | 100 | 0 |
| CAR | CAR | 0 | 0 | 3 | 0.15 | 75 | 167 | 119 | 0 | 0 | 5 | 0.25 | 80 | 160 | 138 |
| LAC | CUB | 0 | 0 | 18 | 0.95 | 100 | 83 | -- | 0 | 0 | 20 | 1.05 | 100 | 90 | 100 |
| | DOM | 0 | 0 | 34 | 1.03 | 3 | 88 | 72 | 0 | 0 | 37 | 1.12 | 3 | 89 | 63 |
| | HTI | 0 | 0 | 3 | 0.07 | 33 | 67 | 81 | 0 | 0 | 3 | 0.07 | 50 | 100 | 85 |
| MEX | MEX | 0 | 0 | 588 | 1.73 | 58 | 76 | -- | 0 | 0 | 596 | 1.75 | 60 | 78 | -- |
| NOA | CAN | 0 | 0 | 16 | 0.28 | 0 | 0 | -- | 0 | 0 | 23 | 0.40 | 0 | 0 | -- |
| | USA | 0 | 0 | NR | NR | NR | NR | NR | 0 | 0 | NR | NR | NR | NR | NR |
| SOC | ARG | 0 | 0 | 125 | 1.23 | 45 | 85 | 102 | 0 | 0 | 153 | 1.51 | 45 | 82 | 119 |
| | CHL | 0 | 0 | 93 | 2.41 | 84 | 69 | 99 | 0 | 0 | 99 | 2.56 | 86 | 75 | 99 |
| | PRY | 0 | 0 | 20 | 1.00 | 60 | 80 | 0 | 0 | 0 | 21 | 1.05 | 67 | 81 | 0 |
| | URY | 0 | 0 | 2 | 0.26 | 0 | 50 | 0 | 0 | 0 | 2 | 0.26 | 0 | 50 | 0 |
| Total § | | 0 | 0 | 1756 | 1.04 | 67 | 76 | - | 0 | 0 | 1968 | 1.17 | 68 | 77 | - |

+ 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



Table No.1
Virus isolation results and indicators, last 52 weeks
Epidemiological weeks 2012/09 - 2013/08

| 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 | 34 | 13 | 1 | 0 | 0 | 0 | 4 | 16 | 0 | 20 | 20 | 20 | 95 |
| | HND | 50 | 13 | 1 | 0 | 0 | 0 | 6 | 30 | 0 | 17 | 36 | 36 | 100 |
| | HTI | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| | JAM | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | NIC | 23 | 3 | 0 | 0 | 0 | 0 | 3 | 17 | 0 | 15 | 20 | 20 | 100 |
| | PAN | 8 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 0 | 25 | 8 | 8 | 100 |
| | SLV | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CDC | GTM | 40 | 4 | 0 | 0 | 0 | 0 | 9 | 27 | 0 | 25 | 36 | 26 | 8 |
| | NIC | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 100 | 1 | 1 | 100 |
| | PRY | 12 | 1 | 0 | 0 | 0 | 0 | 1 | 10 | 0 | 9 | 11 | 11 | 0 |
| | SLV | 39 | 23 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 16 | 3 | 0 |
| FIO | PER | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 100 |
| | BRA | 227 | 2 | 7 | 1 | 0 | 0 | 14 | 203 | 0 | 6 | 217 | 194 | 79 |
| | PER | 82 | 10 | 1 | 0 | 0 | 0 | 8 | 63 | 0 | 11 | 71 | 71 | 82 |
| IEC | BRA | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 35 | 33 | 33 |
| INDRE | MEX | 588 | 95 | 17 | 2 | 4 | 0 | 24 | 446 | 1 | 6 | 475 | 474 | 83 |
| INH | ECU | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VEN | 62 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 62 | 59 | 39 |
| INP | PER | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| INS | COL | 94 | 0 | 1 | 0 | 0 | 0 | 5 | 87 | 1 | 5 | 93 | 93 | 90 |
| | CRI | 43 | 0 | 3 | 0 | 0 | 0 | 2 | 38 | 0 | 5 | 40 | 40 | 83 |
| | ECU | 14 | 1 | 4 | 0 | 0 | 0 | 1 | 8 | 0 | 11 | 9 | 7 | 14 |
| IPK | CUB | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 17 | 17 | 100 |
| ISP | CHL | 79 | 0 | 1 | 0 | 0 | 0 | 4 | 74 | 0 | 5 | 78 | 78 | 69 |
| MAL | ARG | 129 | 0 | 13 | 0 | 12 | 0 | 9 | 95 | 0 | 18 | 116 | 116 | 88 |
| | BOL | 45 | 14 | 0 | 1 | 0 | 0 | 4 | 26 | 0 | 13 | 30 | 30 | 40 |
| | PRY | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 100 |
| | URY | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| (no lab. name) | CAN | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 8 | 0 | 0 |
| | CRI | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | DOM | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | HND | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | NIC | 21 | 4 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | PRY | 5 | 5 | 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 | |
| Total | | 1684 | 207 | 69 | 5 | 16 | 0 | 97 | 1289 | 2 | 8 | 1404 | 1341 | 77 |

... 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 2012/09 - 2013/08

| 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 | | | | | | |
| CAR | DOM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 100 | 100 |
| FIO | BRA | 0 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 17 | 83 | 100 |
| INDRE | MEX | 4 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 100 | 100 |
| INS | COL | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 100 | 100 |
| INS-COL | ECU | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | - | - |
| ISP | CHL | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 100 | 100 |
| MAL | ARG | 12 | 5 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 | 8 | 100 | 100 |
| | BOL | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | - | 100 |
| Total | | 16 | 12 | 10 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 26 | 7 | - | 100 |