

Measles/Rubella Weekly Bulletin



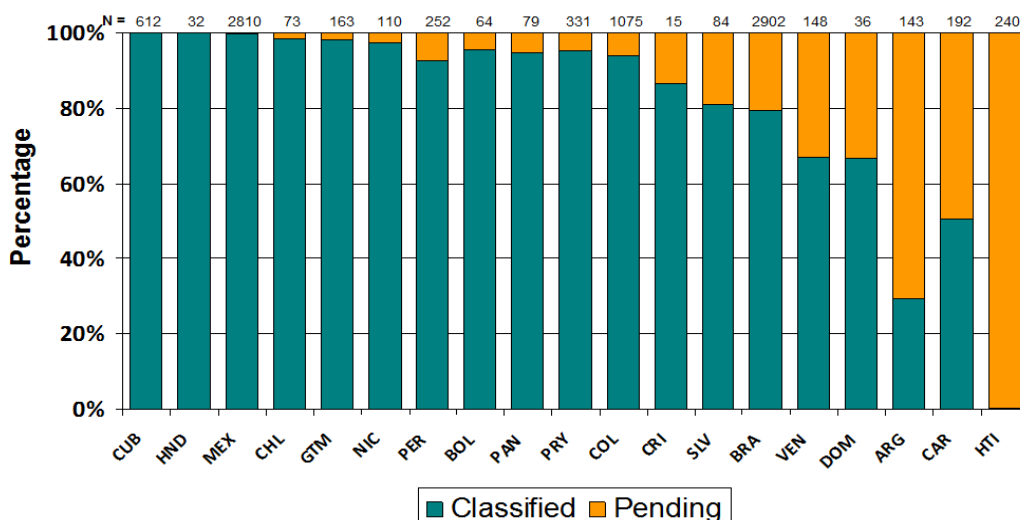
Comprehensive Family Immunization/Family, Gender and Life Course
Measles and Rubella Surveillance in the Americas



Vol. 19, No. 31

Week ending 3 August 2013

Proportion Measles/Rubella Suspect Cases Already Classified, Americas, 2013*



* Data as of 8 August 2013.

Source: MESS, ISIS and country reports to PAHO.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-31, 2013

| Subregion and Country | Susp. Cases 2013 | Measles Confirmed 2013 | | | Year/Week Last Conf. Measles case | Rubella Confirmed 2013 | | | Year/Week Last Conf. Rubella Case | Diagnosis of Discarded Cases 2013 | | Congenital Rubella Syndrome | | | Year/Week Last Conf. CRS Case | |
|-----------------------|------------------|------------------------|----------|------------------|-----------------------------------|------------------------|----------|----------|-----------------------------------|-----------------------------------|------------|-----------------------------|------------|----------|-------------------------------|-----------|
| | | Clin. | Lab. | Total | | Clin. | Lab. | Total | | Dengue | Others | Susp. | Conf. | CRI* | | |
| AND | BOL | 64 | 0 | 0 | 0 | 2000/40 | 0 | 0 | 0 | 2006/03 | 1 | 60 | 19 | ... | ... | ... |
| | COL | 1075 | 0 | 1 | 1 | 2013/25 | 0 | 0 | 0 | 2012/42 | 9 | 1000 | 172 | 0 | 0 | 2005/34 |
| | ECU | ... | ... | ... | ... | 2012/28 | ... | ... | ... | 2004/45 | ... | ... | ... | ... | ... | ... |
| | PER | 252 | 0 | 0 | 0 | 2008/18 | 0 | 0 | 0 | 2006/45 | 0 | 234 | 0 | ... | ... | 2007/16 |
| | VEN | 148 | 0 | 0 | 0 | 2012/16 | 0 | 0 | 0 | 2007/51 | 18 | 80 | 0 | 0 | 0 | ... |
| BRA | BRA | 2902 | 0 | 72 | 72 | 2013/27 | 0 | 0 | 0 | 2009/41 | 0 | 2216 | 72 | 0 | 0 | 2009/34 |
| CAP | CRI | 15 | 0 | 0 | 0 | 2005/22 | 0 | 0 | 0 | 2001/42 | 2 | 11 | 0 | 0 | ... | ... |
| | GTM | 163 | 0 | 0 | 0 | 1998/05 | 0 | 0 | 0 | 2006/30 | 33 | 127 | 4 | 0 | 0 | 2005/00 |
| | HND | 32 | 0 | 0 | 0 | 1997/29 | 0 | 0 | 0 | 2004/11 | 10 | 22 | 60 | 0 | 0 | 2001/00 |
| | NIC | 110 | 0 | 0 | 0 | 1994/14 | 0 | 0 | 0 | 2004/19 | 4 | 103 | 25 | 0 | ... | 2005/00 |
| | PAN | 79 | 0 | 0 | 0 | 2011/20 | 0 | 0 | 0 | 2002/48 | 0 | 75 | 1 | 0 | ... | ... |
| | SLV | 84 | 0 | 0 | 0 | 2001/19 | 0 | 0 | 0 | 2006/30 | 0 | 0 | 0 | 0 | 0 | 2001/00 |
| CAR | CAR | 192 | 0 | 0 | 0 | 2011/48 | 0 | 0 | 0 | 2008/18 | 0 | 97 | 0 | ... | ... | 1999/00 |
| LAC | CUB | 612 | 0 | 0 | 0 | 1993/27 | 0 | 0 | 0 | 2004/06 | 0 | 612 | 0 | 0 | ... | ... |
| | DOM | 36 | 0 | 0 | 0 | 2011/18 | 0 | 0 | 0 | 2006/44 | 0 | 24 | 0 | ... | ... | ... |
| | GLP | 1 | 0 | 0 | 0 | 2011/28 | 0 | 0 | 0 | ... | 0 | 0 | 0 | 0 | ... | 2005/00 |
| | GUF | 0 | 0 | 0 | 0 | 2011/26 | 0 | 0 | 0 | 2010/06 | 0 | 0 | 0 | 0 | ... | ... |
| | HTI | 240 | 0 | 0 | 0 | 2001/39 | 0 | 0 | 0 | 2006/21 | 0 | 1 | 26 | 0 | ... | ... |
| | MTQ | 0 | 0 | 0 | 0 | 2011/27 | 0 | 0 | 0 | ... | 0 | 0 | 0 | 0 | ... | ... |
| | PRI | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | 0 | 0 | ... | ... | ... |
| MEX | MEX | 2810 | 0 | 0 | 0 | 2011/12 | 0 | 0 | 0 | 2012/49 | 0 | 2619 | 0 | 0 | ... | ... |
| NOA | CAN | 0 | 0 | 30 ^a | 30 | 2013/30 | 0 | 1 | 1 | 2013/15 | 0 | 0 | 0 | ... | ... | 2011/12 |
| | USA | 0 | ... | 128 ^a | 128 | 2013/28 | 0 | 6 | 6 | 2013/04 | 0 | 0 | 0 | ... | ... | 2012/44 |
| SOC | ARG | 143 | 0 | 0 | 0 | 2012/20 | 0 | 0 | 0 | 2011/20 | 1 | 40 | 64 | ... | ... | 2009/27 |
| | CHL | 73 | 0 | 0 | 0 | 2011/25 | 0 | 0 | 0 | 2011/25 | 0 | 72 | 73 | 0 | 0 | ... |
| | PRY | 331 | 0 | 0 | 0 | 1998/44 | 0 | 0 | 0 | 2005/21 | 142 | 173 | 0 | 0 | 0 | 2003/06 |
| | URY | 0 | 0 | 0 | 0 | 1999/08 | 0 | 0 | 0 | 2001/37 | 0 | 0 | 0 | 0 | 0 | ... |
| TOTAL | | 9362 | 0 | 231 | 231 | -- | 0 | 7 | 7 | -- | 220 | 7566 | 516 | 0 | 0 | -- |

*Congenital Rubella Infection; (a) Provisional data;

...No report received



Measles/Rubella Surveillance

Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-31, 2013

| Subregion and Country | Measles | | | | Rubella | | | |
|-----------------------|-----------|-----------|-----|-----------|----------|----|-----|----------|
| | I | IR | CAC | U | I | IR | CAC | U |
| AND | | | | | | | | |
| BOL | | | | | | | | |
| COL | 1 | | | | | | | |
| ECU | | | | | | | | |
| PER | | | | | | | | |
| VEN | | | | | | | | |
| BRA | | | | 72 | | | | |
| CAP | | | | | | | | |
| CRI | | | | | | | | |
| GTM | | | | | | | | |
| HND | | | | | | | | |
| NIC | | | | | | | | |
| PAN | | | | | | | | |
| SLV | | | | | | | | |
| CAR | | | | | | | | |
| LAC | | | | | | | | |
| CAR | | | | | | | | |
| CUB | | | | | | | | |
| DOM | | | | | | | | |
| GLP | | | | | | | | |
| GUF | | | | | | | | |
| HTI | | | | | | | | |
| MTQ | | | | | | | | |
| PRI | | | | | | | | |
| MEX | | | | | | | | |
| NOA | | | | | | | | |
| CAN | 7 | 4 | | 19 | 1 | | | |
| USA | 38 | 90 | | | 4 | | | 2 |
| SOC | | | | | | | | |
| ARG | | | | | | | | |
| CHL | | | | | | | | |
| PRY | | | | | | | | |
| URY | | | | | | | | |
| TOTAL | 46 | 94 | | 91 | 5 | | | 2 |

I: Imported; IR: Import-related; CAC: Country-acquired case
U: Unknown.

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-31, 2013

| Country | Pending Cases 2012 | Cumulative 2013 | Week of Onset | | | | | | | % Pend.Cases |
|--------------|--------------------|-----------------|---------------|-----------|-----------|-----------|-----------|----------|----------|--------------|
| | | | 1-26 | 27 | 28 | 29 | 30 | 31 | | |
| BOL | 6 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| COL | 1 | 66 | 57 | 7 | 2 | 0 | 0 | 0 | 0 | 6 |
| ECU | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| PER | 0 | 18 | 12 | 2 | 2 | 0 | 0 | 0 | 0 | 7 |
| VEN | 0 | 49 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| BRA | 146 | 603 | 487 | 33 | 26 | 40 | 17 | 0 | 0 | 21 |
| CRI | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| GTM | 0 | 3 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 2 |
| HND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NIC | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| PAN | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| SLV | 0 | 16 | 1 | 1 | 7 | 7 | ... | ... | ... | 19 |
| CAR | 0 | 95 | 79 | 7 | 6 | 3 | 0 | 0 | 0 | 50 |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DOM | 0 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| GLP | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | 0 |
| GUF | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | 0 |
| HTI | 0 | 239 | 222 | 11 | 3 | 1 | 1 | 1 | 1 | 100 |
| MTQ | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | 0 |
| PRI | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| MEX | 0 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CAN | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| USA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ARG | 145 | 101 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| CHL | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| PRY | 1 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| URY | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | 0 |
| TOTAL | 299 | 1241 | 1060 | 61 | 46 | 53 | 20 | 1 | 1 | 13 |

... No report received

Table 4.

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-31, 2013

| Subregion and Country | Sites Reporting Weekly | | % Cases with Adequate Investigation | % Cases with Adequate Sample | % Blood Samples Received in Lab. ≤5 days | % Lab. Results ≤4 days | Rate of Suspected Cases Last 52 weeks (2012/32-2013/31) | |
|---------------------------|------------------------|-------------|-------------------------------------|------------------------------|--|------------------------|---|-----------------|
| | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) |
| AND | | | | | | | | |
| BOL | ... | ... | 98 | 98 | 80 | 97 | 1.2 | 1.1 |
| COL | 5029 | ... | 72 | 95 | 91 | 96 | 4.6 | 3.5 |
| ECU | 2184 | ... | ... | ... | ... | ... | 0.2 | 0.0 |
| PER | 0 | 0 | 78 | 95 | 74 | 56 | 1.6 | 0.0 |
| VEN | 13092 | 0 | 68 | 93 | 15 | 15 | 1.1 | 0.0 |
| BRA | | | | | | | | |
| CAP | | | | | | | | |
| BRA | 12793 | 80 | 99 | ... | 99 | ... | 2.5 | 0.5 |
| CRI | 57 | ... | 20 | 67 | 67 | 60 | 0.7 | 0.0 |
| GTM | 1506 | 0 | ... | 95 | 73 | 82 | 1.9 | 0.1 |
| HND | 469 | 95 | 41 | 100 | 69 | 100 | 0.9 | 5.1 |
| NIC | 185 | 100 | 90 | 98 | 89 | 91 | 2.7 | 1.8 |
| PAN | 219 | ... | 82 | 99 | 77 | 95 | 3.8 | 0.3 |
| SLV | 893 | ... | 0 | 81 | 62 | 92 | 2.2 | 10.2 |
| CAR | | | | | | | | |
| LAC | | | | | | | | |
| CAR | 738 | 37 | 7 | 4 | 29 | 100 | 0.5 | 0.0 |
| CUB | 150 | 100 | 100 | 100 | 100 | 100 | 0.0 | 0.0 |
| DOM | 4 | ... | 8 | 91 | 58 | 56 | 0.9 | 0.0 |
| GLP | ... | ... | ... | ... | ... | ... | 0.0 | ... |
| GUF | ... | ... | ... | ... | ... | ... | 0.0 | ... |
| HTI | 100 | 94 | 83 | 99 | 79 | 71 | 2.5 | 1.0 |
| MTQ | ... | ... | ... | ... | ... | ... | 0.0 | ... |
| PRI | ... | ... | ... | ... | ... | ... | ... | ... |
| MEX | | | | | | | | |
| NOA | | | | | | | | |
| CAN | 11138 | ... | 98 | ... | ... | ... | 4.1 | 0.0 |
| USA | ... | ... | ... | ... | ... | ... | ... | ... |
| SOC | | | | | | | | |
| ARG | 779 | 0 | 9 | 87 | 61 | 42 | 0.6 | 2.1 |
| CHL | 569 | ... | 62 | 96 | 89 | 92 | 0.8 | 4.2 |
| PRY | 921 | 93 | 79 | 93 | 95 | 88 | 9.4 | 0.0 |
| URY | 155 | ... | ... | ... | ... | ... | 0.0 | 0.0 |
| Total and Average* | 50981 | 82 | 89 | 91 | 89 | 85 | 2.3 | 0.9 |

*Weighted

... No report received