

Measles/Rubella Weekly Bulletin



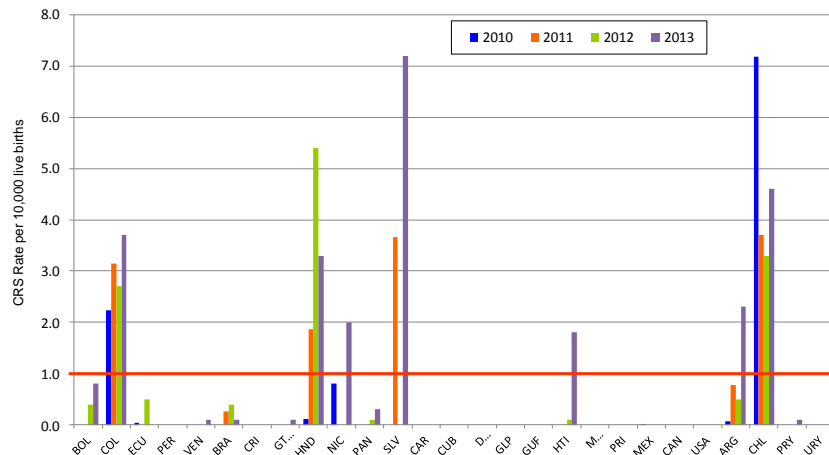
Comprehensive Family Immunization/Family, Gender and Life Course
Measles and Rubella Surveillance in the Americas



Vol. 19, No. 47

Week ending 23 November 2013

Rate of Suspect Congenital Rubella Syndrome (CRS) Region of the Americas, 2010-2013*



Source: Country reports
Data as of 27 November 2013

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-47, 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. | CRS* | | |
| AND | BOL | 136 | 0 | 0 | 0 | 2000/40 | 0 | 0 | 0 | 2006/03 | 1 | 131 | 22 | ... | ... | ... |
| | COL | 1953 | 0 | 1 | 1 | 2013/25 | 0 | 0 | 0 | 2012/42 | 8 | 1867 | 306 | 0 | 0 | 2005/34 |
| | ECU | ... | ... | ... | ... | 2012/28 | ... | ... | ... | 2004/45 | ... | ... | ... | ... | ... | ... |
| | PER | 386 | 0 | 0 | 0 | 2008/18 | 0 | 0 | 0 | 2006/45 | 1 | 348 | 0 | ... | ... | 2007/16 |
| | VEN | 321 | 0 | 0 | 0 | 2012/16 | 0 | 0 | 0 | 2007/51 | 28 | 140 | 3 | 0 | 0 | ... |
| BRA | BRA | 4438 | 0 | 131 | 131 | 2013/46 | 0 | 0 | 0 | 2009/41 | 0 | 3798 | 116 | 0 | 0 | 2009/34 |
| | CAP | 23 | 0 | 0 | 0 | 2005/22 | 0 | 0 | 0 | 2001/42 | 3 | 17 | 0 | 0 | ... | ... |
| | GTM | 273 | 0 | 0 | 0 | 1998/05 | 0 | 0 | 0 | 2006/30 | 66 | 197 | 5 | 0 | 0 | 2005/00 |
| | HND | 138 | 0 | 0 | 0 | 1997/29 | 0 | 0 | 0 | 2004/11 | 90 | 46 | 64 | 0 | 0 | 2001/00 |
| CAR | NIC | 152 | 0 | 0 | 0 | 1994/14 | 0 | 0 | 0 | 2004/19 | 5 | 117 | 27 | 0 | ... | 2005/00 |
| | PAN | 139 | 0 | 0 | 0 | 2011/20 | 0 | 0 | 0 | 2002/48 | 0 | 130 | 2 | 0 | ... | ... |
| | SLV | 319 | 0 | 0 | 0 | 2001/19 | 0 | 0 | 0 | 2006/30 | ... | ... | 91 | 0 | 0 | 2001/00 |
| | CAR | 317 | 0 | 0 | 0 | 2011/48 | 0 | 0 | 0 | 2008/18 | 0 | 213 | 0 | ... | ... | 1999/00 |
| | LAC | 984 | 0 | 0 | 0 | 1993/27 | 0 | 0 | 0 | 2004/06 | 0 | 984 | 0 | 0 | ... | ... |
| | DOM | 62 | 0 | 0 | 0 | 2011/18 | 0 | 0 | 0 | 2006/44 | 0 | 41 | 0 | ... | ... | ... |
| | GLP | 2 | 0 | 0 | 0 | 2011/28 | 0 | 0 | 0 | ... | 0 | 0 | 0 | ... | ... | 2005/00 |
| | GUF | 1 | 0 | 0 | 0 | 2011/26 | 0 | 0 | 0 | 2010/06 | 0 | 0 | 0 | ... | ... | ... |
| MEX | HTI | 345 | 0 | 0 | 0 | 2001/39 | 0 | 0 | 0 | 2006/21 | 0 | 252 | 47 | 0 | ... | ... |
| | MTQ | 0 | 0 | 0 | 0 | 2011/27 | 0 | 0 | 0 | ... | 0 | 0 | 0 | ... | ... | ... |
| | PRI | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | MEX | 4620 | 0 | 0 | 0 | 2011/12 | 0 | 0 | 0 | 2012/49 | 0 | 4596 | 0 | 0 | ... | ... |
| NOA | CAN | ... | ... | 72 | 72 ^a | 2013/46 | 0 | 1 | 1 | 2013/15 | 0 | 0 | 0 | 0 | ... | 2011/12 |
| | USA | ... | ... | 172 | 172 ^a | 2013/45 | 0 | 6 | 6 | 2013/04 | 0 | 0 | 0 | 0 | ... | 2012/44 |
| SOC | ARG | 278 | 0 | 0 | 0 | 2012/20 | 0 | 0 | 0 | 2011/20 | 1 | 191 | 81 | ... | ... | 2009/27 |
| | CHL | 135 | 0 | 0 | 0 | 2011/25 | 0 | 0 | 0 | 2011/25 | 0 | 123 | 114 | 0 | 0 | ... |
| | PRY | 429 | 0 | 0 | 0 | 1998/44 | 0 | 0 | 0 | 2005/21 | 142 | 271 | 2 | 0 | 0 | 2003/06 |
| | URY | 0 | 0 | 0 | 0 | 1999/08 | 0 | 0 | 0 | 2001/37 | 0 | 0 | 0 | 0 | 0 | ... |
| TOTAL | 15451 | 0 | 376 | 376 | -- | 0 | 7 | 7 | -- | 345 | 13462 | 880 | 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 01-47, 2013

| Subregion and Country | Measles | | | | Rubella | | | |
|-----------------------|-----------|------------|-----|------------|----------|----|-----|----------|
| | I | IR | CAC | U | I | IR | CAC | U |
| AND | | | | | | | | |
| BOL | 1 | | | | | | | |
| COL | | | | | | | | |
| ECU | | | | | | | | |
| PER | | | | | | | | |
| VEN | | | | 122 | | | | |
| BRA | 4 | 5 | | | | | | |
| CAP | | | | | | | | |
| CRI | | | | | | | | |
| GTM | | | | | | | | |
| HND | | | | | | | | |
| NIC | | | | | | | | |
| PAN | | | | | | | | |
| SLV | | | | | | | | |
| CAR | | | | | | | | |
| LAC | | | | | | | | |
| CUB | | | | | | | | |
| DOM | | | | | | | | |
| GLP | | | | | | | | |
| GUF | | | | | | | | |
| HTI | | | | | | | | |
| MTQ | | | | | | | | |
| PRI | | | | | | | | |
| MEX | | | | | | | | |
| NOA | 10 | 55 | | 7 | 1 | | | |
| CAN | 55 | 114 | | 3 | 4 | | | 2 |
| USA | | | | | | | | |
| SOC | | | | | | | | |
| ARG | | | | | | | | |
| CHL | | | | | | | | |
| PRY | | | | | | | | |
| URY | | | | | | | | |
| TOTAL | 70 | 174 | | 132 | 5 | | | 2 |

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-47, 2013

| Country | Pending Cases 2012 | Cumulative 2013 | Week of Onset | | | | | | % Pend.Cases |
|--------------|--------------------|-----------------|---------------|-----------|-----------|-----------|-----------|----------|--------------|
| | | | 1-42 | 43 | 44 | 45 | 46 | 47 | |
| BOL | 1 | 4 | 4 | 0 | 0 | 0 | 0 | ... | 3 |
| COL | 0 | 76 | 59 | 6 | 7 | 4 | 0 | 0 | 4 |
| ECU | 0 | ... | ... | ... | ... | ... | ... | ... | ... |
| PER | 0 | 37 | 14 | 0 | 3 | 8 | 9 | 3 | 10 |
| VEN | 0 | 146 | 138 | 3 | 2 | 1 | 2 | 0 | 45 |
| BRA | 0 | 509 | ... | ... | ... | ... | ... | ... | 11 |
| CRI | 0 | 3 | 3 | 0 | 0 | 0 | 0 | ... | 13 |
| GTM | 0 | 10 | 9 | 0 | 0 | 1 | 0 | 0 | 4 |
| HND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NIC | 0 | 30 | 30 | 0 | 0 | ... | ... | ... | 20 |
| PAN | 0 | 9 | 7 | 2 | 0 | 0 | 0 | ... | 6 |
| SLV | 0 | 275 | 275 | 0 | 0 | 0 | 0 | ... | 86 |
| CAR | 0 | 103 | 98 | 1 | 1 | 2 | 1 | 0 | 32 |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | 0 |
| DOM | 0 | 21 | 21 | 0 | 0 | 0 | 0 | ... | 34 |
| GLP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GUF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HTI | 0 | 93 | 86 | 2 | 5 | 0 | 0 | 0 | 27 |
| MTQ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRI | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| MEX | 0 | 24 | 23 | 0 | 1 | 0 | 0 | 0 | 1 |
| CAN | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| USA | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ARG | 247 | 84 | 68 | 15 | 1 | 0 | 0 | 0 | 30 |
| CHL | 0 | 12 | 4 | 0 | 2 | 5 | 1 | 0 | 9 |
| PRY | 1 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 4 |
| URY | 0 | 0 | 0 | ... | ... | ... | ... | ... | 0 |
| TOTAL | 249 | 1452 | 855 | 29 | 22 | 21 | 13 | 3 | 9 |

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

... No report received

Table 4.
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-47, 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 (2012/48-2013/47) | |
|---------------------------|------------------------|-------------|-------------------------------------|------------------------------|--|------------------------|---|-----------------|
| | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) |
| AND | | | | | | | | |
| BOL | 2887 | ... | 99 | 99 | 81 | 88 | 1.6 | 0.8 |
| COL | 5029 | ... | 77 | 94 | 90 | 96 | 4.7 | 3.7 |
| ECU | 2184 | ... | ... | ... | ... | ... | ... | ... |
| PER | 7325 | ... | 91 | 96 | 76 | 47 | 1.4 | 0.0 |
| VEN | 13092 | ... | 76 | 86 | 19 | 16 | 1.0 | 0.1 |
| BRA | 13024 | 82 | 99 | 79 | 79 | 57 | 0.3 | 0.1 |
| CAP | | | | | | | | |
| CRI | 57 | ... | 30 | 74 | 74 | 61 | 0.6 | 0.0 |
| GTM | 1506 | ... | 1 | 93 | 69 | 85 | 1.8 | 0.1 |
| HND | 469 | 95 | 38 | 96 | 72 | 98 | 1.9 | 3.3 |
| NIC | 185 | ... | 91 | 99 | 87 | 86 | 2.8 | 2.0 |
| PAN | 222 | ... | 83 | 97 | 69 | 91 | 4.4 | 0.3 |
| SLV | 1206 | ... | 80 | 93 | 72 | 67 | 4.6 | 7.2 |
| CAR | 719 | 25 | 13 | 20 | 27 | 80 | 4.7 | 0.0 |
| LAC | 150 | 100 | 100 | 100 | 100 | 100 | 10.0 | 0.0 |
| DOM | 252 | ... | 6 | 98 | 67 | 61 | 0.8 | 0.0 |
| GLP | ... | ... | ... | ... | ... | ... | 0.4 | ... |
| GUF | ... | ... | ... | ... | ... | ... | 0.4 | ... |
| HTI | 105 | 90 | 90 | 99 | 85 | 79 | 3.5 | 1.8 |
| MTQ | ... | ... | ... | ... | ... | ... | 0.0 | ... |
| PRI | ... | ... | ... | ... | ... | ... | 0.0 | ... |
| MEX | 11138 | ... | 98 | ... | ... | ... | 4.3 | 0.0 |
| NOA | | | | | | | | |
| CAN | ... | ... | ... | ... | ... | ... | ... | ... |
| USA | ... | ... | ... | ... | ... | ... | ... | ... |
| SOC | | | | | | | | |
| ARG | 779 | ... | 13 | 90 | 66 | 48 | 0.7 | 2.3 |
| CHL | 958 | 100 | 52 | 87 | 93 | 94 | 0.9 | 4.6 |
| PRY | 929 | 63 | 82 | 94 | 95 | 89 | 8.1 | 0.1 |
| URY | 155 | ... | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| Total and Average* | 62371 | 82 | 88 | 86 | 80 | 72 | 2.2 | 1.0 |

*Weighted

... No report received