

Measles/Rubella Weekly Bulletin



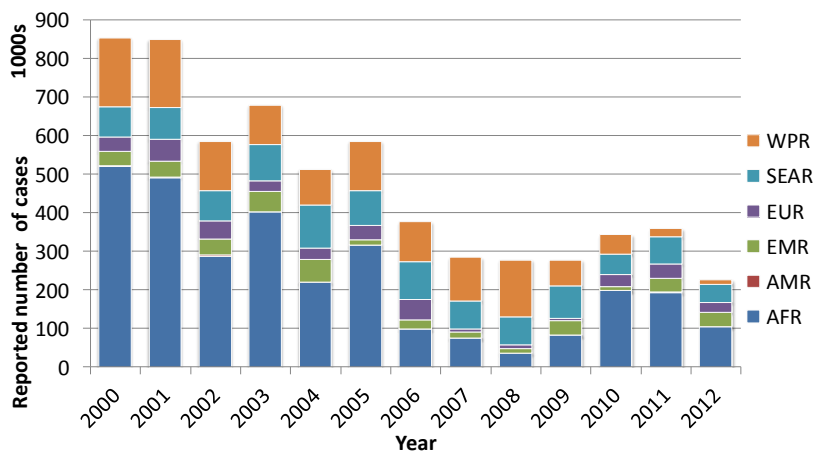
Comprehensive Family Immunization/Family, Gender and Life Course
Measles and Rubella Surveillance in the Americas



Vol. 20, No. 6

Week ending 8 February 2014

Reported measles cases by WHO Region, 2000-2012



Source: MMWR <http://www.cdc.gov/mmwr/pdf/wk/mm6305.pdf> and WER <http://www.who.int/entity/wer/2014/wer8906.pdf?ua=1> 7 Feb 2014

WPR – Western Pacific Region; SEAR – South-East Asian Region; EUR – European Region; EMR – Eastern Mediterranean Region; AFR – African Region.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-06, 2014

| Subregion and Country | Susp. Cases 2014 | Measles Confirmed 2014 | | | Year/Week Last Conf. Measles case | Rubella Confirmed 2014 | | | Year/Week Last Conf. Rubella Case | Diagnosis of Discarded Cases 2014 | | Congenital Rubella Syndrome | | | Year/Week Last Conf. CRS Case | |
|-----------------------|------------------|------------------------|-----------|-----------|-----------------------------------|------------------------|----------|----------|-----------------------------------|-----------------------------------|------------|-----------------------------|----------|----------|-------------------------------|-----------|
| | | Clin. | Lab. | Total | | Clin. | Lab. | Total | | Dengue | Others | Susp. | Conf. | CRI* | | |
| AND | BOL | 3 | 0 | 0 | 0 | 2000/40 | 0 | 0 | 0 | 2006/03 | 0 | 2 | 0 | ... | ... | ... |
| | COL | 30 | 0 | 0 | 0 | 2013/25 | 0 | 0 | 0 | 2012/42 | 0 | 14 | 25 | 0 | 0 | 2005/34 |
| | ECU | ... | ... | ... | ... | 2012/28 | ... | ... | ... | 2004/45 | 0 | 0 | 0 | ... | ... | ... |
| | PER | 27 | 0 | 0 | 0 | 2008/18 | 0 | 0 | 0 | 2006/45 | 0 | 12 | 0 | 0 | 0 | 2007/16 |
| | VEN | 0 | ... | ... | ... | 2012/16 | ... | ... | ... | 2007/51 | 0 | 0 | 0 | ... | ... | ... |
| BRA | BRA | 459 | 0 | 50 | 50 | 2014/05 | 0 | 0 | 0 | 2009/41 | 0 | 176 | 0 | 0 | ... | 2009/34 |
| | CAP | 0 | 0 | 0 | 0 | 2005/22 | 0 | 0 | 0 | 2001/42 | 0 | 0 | 0 | 0 | 0 | ... |
| | GTM | 7 | 0 | 0 | 0 | 1998/05 | 0 | 0 | 0 | 2006/30 | 0 | 6 | 1 | ... | ... | 2005/00 |
| | HND | 2 | 0 | 0 | 0 | 1997/29 | 0 | 0 | 0 | 2004/11 | 0 | 0 | 1 | 0 | 0 | 2001/00 |
| | NIC | 4 | 0 | 0 | 0 | 1994/14 | 0 | 0 | 0 | 2004/19 | 0 | 3 | 1 | 0 | ... | 2005/00 |
| | PAN | 38 | 0 | 0 | 0 | 2011/20 | 0 | 0 | 0 | 2002/48 | 0 | 35 | 0 | ... | ... | ... |
| | SLV | 42 | 0 | 0 | 0 | 2001/19 | 0 | 0 | 0 | 2006/30 | 0 | 0 | 0 | 0 | ... | 2001/00 |
| | CAR | 31 | 0 | 0 | 0 | 2011/48 | 0 | 0 | 0 | 2008/18 | 0 | 17 | 0 | ... | ... | 1999/00 |
| | LAC | CUB | 7 | 0 | 0 | 0 | 1993/27 | 0 | 0 | 0 | 2004/06 | 0 | 7 | 0 | 0 | ... |
| DOM | 3 | 0 | 0 | 0 | 2011/18 | 0 | 0 | 0 | 2006/44 | 0 | 3 | 0 | ... | ... | ... | |
| GLP | 0 | 0 | 0 | 0 | 2011/28 | 0 | 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 | 0 | ... | |
| HTI | 7 | 0 | 0 | 0 | 2001/39 | 0 | 0 | 0 | 2006/21 | 0 | 0 | 51 | 0 | 0 | ... | |
| MTQ | 0 | 0 | 0 | 0 | 2011/27 | 0 | 0 | 0 | ... | 0 | 0 | 0 | 0 | 0 | ... | |
| PRI | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MEX | MEX | 40 | 0 | 0 | 0 | 2011/12 | 0 | 0 | 0 | 2012/49 | 0 | 40 | 0 | 0 | 0 | ... |
| | NOA | ... | 0 | 11 | 11 ^a | 2014/04 | 0 | 0 | 0 | 2013/15 | 0 | 0 | 0 | 0 | ... | 2011/12 |
| USA | USA | ... | ... | 14 | 14 ^a | 2014/02 | 0 | 0 | 0 | 2013/48 | ... | ... | ... | ... | ... | 2012/44 |
| | SOC | ARG | 21 | 0 | 0 | 0 | 2012/20 | 0 | 0 | 0 | 2011/20 | 0 | 8 | 4 | ... | ... |
| CHL | 19 | 0 | 0 | 0 | 0 | 2011/25 | 0 | 0 | 0 | 2011/25 | 0 | 0 | 0 | 0 | 0 | ... |
| PRY | 38 | 0 | 0 | 0 | 0 | 1998/44 | 0 | 0 | 0 | 2005/21 | 0 | 31 | 0 | 0 | 0 | 2003/06 |
| URY | ... | ... | ... | ... | ... | 1999/08 | ... | ... | ... | 2001/37 | 0 | 0 | 0 | ... | ... | ... |
| TOTAL | 778 | 0 | 75 | 75 | -- | 0 | 0 | 0 | -- | 0 | 354 | 83 | 0 | 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 01-06, 2014

| Subregion and Country | Measles | | | | Rubella | | | |
|-----------------------|-----------|----------|----------|-----------|----------|----------|----------|----------|
| | I | IR | CAC | U | I | IR | CAC | U |
| AND | | | | | | | | |
| BOL | | | | | | | | |
| COL | | | | | | | | |
| ECU | | | | | | | | |
| PER | | | | | | | | |
| VEN | | | | | | | | |
| BRA | | | | 50 | | | | |
| CAP | | | | | | | | |
| CRI | | | | | | | | |
| GTM | | | | | | | | |
| HND | | | | | | | | |
| NIC | | | | | | | | |
| PAN | | | | | | | | |
| SLV | | | | | | | | |
| CAR | | | | | | | | |
| LAC | | | | | | | | |
| CUB | | | | | | | | |
| DOM | | | | | | | | |
| GLP | | | | | | | | |
| GUF | | | | | | | | |
| HTI | | | | | | | | |
| MTQ | | | | | | | | |
| PRI | | | | | | | | |
| MEX | | | | | | | | |
| NOA | | | | | | | | |
| SOC | | | | | | | | |
| MEX | | | | 1 | | | | |
| CAN | 5 | 5 | | | | | | |
| USA | 13 | | | 1 | | | | |
| ARG | | | | | | | | |
| CHL | | | | | | | | |
| PRY | | | | | | | | |
| URY | | | | | | | | |
| TOTAL | 18 | 5 | 0 | 52 | 0 | 0 | 0 | 0 |

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-06, 2014

| Country | Pending Cases 2013 | Cumulative 2014 | Week of Onset | | | | | | % Pend.Cases |
|--------------|--------------------|-----------------|---------------|-----------|-----------|-----------|-----------|----------|--------------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | |
| BOL | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 33 |
| COL | 68 | 16 | 5 | 6 | 4 | 1 | 0 | 0 | 53 |
| ECU | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| PER | 23 | 15 | 3 | 2 | 5 | 4 | 1 | 0 | 56 |
| VEN | 168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BRA | 0 | 233 | ... | ... | ... | ... | ... | ... | 51 |
| CAP | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CRI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GTM | 14 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 14 |
| HND | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NIC | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 25 |
| PAN | 3 | 3 | 0 | 1 | 0 | 2 | 0 | 0 | 8 |
| SLV | 370 | 42 | 5 | 9 | 7 | 10 | 10 | 1 | 100 |
| CAR | 101 | 14 | 2 | 3 | 5 | 4 | 0 | 0 | 45 |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DOM | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GLP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GUF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HTI | 119 | 7 | 0 | 3 | 2 | 2 | 0 | 0 | 100 |
| MTQ | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... |
| PRI | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| MEX | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CAN | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| USA | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ARG | 92 | 13 | 0 | 2 | 1 | 3 | 2 | 5 | 62 |
| CHL | 50 | 19 | 2 | 4 | 7 | 2 | 3 | 1 | 100 |
| PRY | 6 | 7 | 0 | 0 | 1 | 2 | 4 | 0 | 18 |
| URY | 0 | ... | ... | ... | ... | ... | ... | ... | ... |
| TOTAL | 1069 | 372 | 18 | 30 | 34 | 30 | 20 | 7 | 48 |

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 01-06, 2014

| 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 (2013/07-2014/06) | | |
|---------------------------|------------------------|--------------|-------------------------------------|------------------------------|--|------------------------|---|-----------------|------------|
| | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) | |
| AND | BOL | 3019 | ... | 100 | 100 | 67 | 0 | 1.3 | 0.8 |
| | COL | 5361 | 94 | 57 | 70 | 73 | 80 | 4.7 | 3.9 |
| | ECU | 2184 | ... | ... | ... | ... | ... | 0.0 | 0.0 |
| | PER | 0 | ... | 100 | 70 | 56 | 31 | 1.5 | 0.0 |
| | VEN | 13092 | ... | ... | ... | ... | ... | 1.0 | 0.1 |
| BRA | BRA | 14162 | 80 | 99 | ... | 78 | ... | 2.7 | 0.4 |
| CAP | CRI | 57 | ... | ... | ... | ... | ... | 0.5 | 0.0 |
| | GTM | 1506 | 54 | ... | 71 | 43 | 43 | 2.1 | 0.1 |
| | HND | 469 | 95 | 50 | 100 | 100 | 50 | 2.0 | 2.7 |
| | NIC | 185 | ... | 75 | 100 | 75 | 100 | 3.1 | 2.8 |
| | PAN | 223 | 86 | 97 | 95 | 68 | 87 | 4.3 | 0.3 |
| | SLV | 893 | ... | 21 | 26 | 36 | 100 | 5.9 | 0.0 |
| CAR | CAR | 759 | 65 | 6 | 77 | 8 | 79 | 4.2 | 0.0 |
| LAC | CUB | 150 | 100 | 100 | 100 | 100 | 100 | 9.8 | 0.0 |
| | DOM | 166 | ... | 33 | 100 | 100 | 33 | 0.9 | 0.0 |
| | GLP | ... | ... | ... | ... | ... | ... | 0.4 | ... |
| | GUF | ... | ... | ... | ... | ... | ... | 0.4 | ... |
| | HTI | 110 | ... | 100 | 86 | 60 | 40 | 3.7 | 3.8 |
| | MTQ | ... | ... | ... | ... | ... | ... | 0.0 | ... |
| | PRI | ... | ... | ... | ... | ... | ... | ... | ... |
| MEX | MEX | 11138 | ... | 98 | ... | ... | ... | 4.2 | ... |
| NOA | CAN | ... | ... | ... | ... | ... | ... | ... | ... |
| | USA | ... | ... | ... | ... | ... | ... | ... | ... |
| SOC | ARG | 779 | ... | 33 | 76 | 57 | 21 | 0.8 | 1.6 |
| | CHL | 719 | 97 | 42 | 0 | 0 | 0 | 0.8 | 4.6 |
| | PRY | 961 | 86 | 63 | 84 | 90 | 97 | 6.2 | 0.1 |
| | URY | 155 | ... | ... | ... | ... | ... | 0.0 | 0.0 |
| Total and Average* | | 56088 | 82 | 84 | 73 | 71 | 75 | 2.9 | 0.8 |

*Weighted