

Measles/Rubella Weekly Bulletin



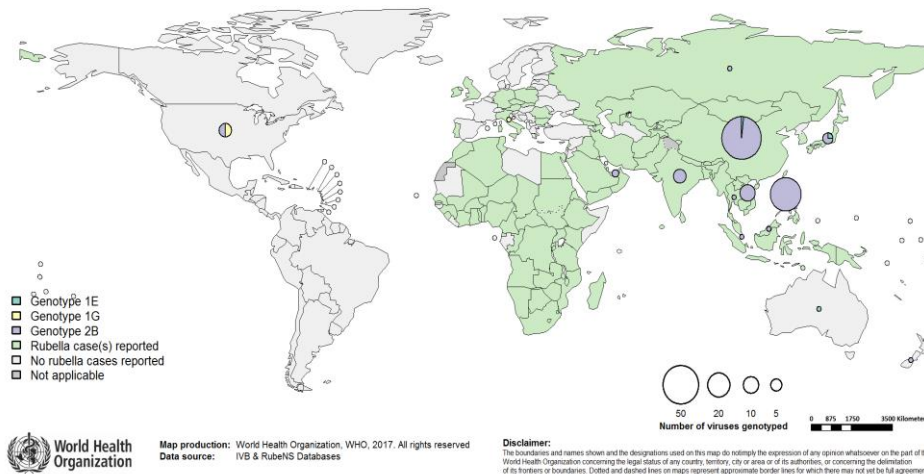
Comprehensive Family Immunization/Family, Gender and Life Course Measles and Rubella Surveillance in the Americas

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Week ending 19 August 2017



Global distribution of rubella genotypes, July 2016 to June 2017



Map production: World Health Organization, WHO, 2017. All rights reserved
Data source: IVB & RubellaS Databases

Disclaimer: The boundaries and names shown on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: RubNS database (Genotypes) and IVB Database (Incidence) as of 2017-08-09 and covering the period 2016-07-01 to 2017-06-30 - Pie charts proportional to the number of sequenced viruses

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-33, 2017

| Subregion and Country | Susp. Cases 2017 | Measles Confirmed 2017 | | | Year/Week Last Conf. Measles case | Rubella Confirmed 2017 | | | Year/Week Last Conf. Rubella Case | Diagnosis of Discarded Cases 2017 | | Congenital Rubella Syndrome | | | Year/Week Last Conf. CRS Case | | |
|-----------------------|------------------|------------------------|------------|------------|-----------------------------------|------------------------|----------|----------|-----------------------------------|-----------------------------------|-------------|-----------------------------|----------|----------|-------------------------------|---------|---------|
| | | Clin. | Lab. | Total | | Clin. | Lab. | Total | | Dengue | Others | Susp. | Conf. | CRI* | | | |
| AND | BOL | 35 | 0 | 0 | 0 | 2000-40 | 0 | 0 | 0 | 2006-03 | 0 | 30 | 0 | 0 | 0 | ... | |
| | COL | 642 | 0 | 0 | 0 | 2015-35 | 0 | 0 | 0 | 2012-31 | 1 | 631 | 268 | 0 | 0 | 2005/34 | |
| | ECU | 180 | 0 | 0 | 0 | 2016-14 | 0 | 0 | 0 | 2004-49 | 0 | 170 | 0 | 0 | 0 | 2004/49 | |
| | PER | 219 | 0 | 0 | 0 | 2015-25 | 0 | 0 | 0 | 2009-04 | 2 | 215 | 0 | 0 | 0 | 2007/16 | |
| | VEN | 278 | 0 | 0 | 0 | 2012-17 | 0 | 0 | 0 | 2015-52 | 1 | 276 | 33 | 0 | 0 | ... | |
| BRA | BRA | 260 | 0 | 0 | 0 | 2015-32 | 0 | 0 | 0 | 2014-40 | 0 | 201 | 12 | 0 | 0 | 2009/34 | |
| | CAP | CRI | 68 | 0 | 0 | 0 | 2014-09 | 0 | 0 | 0 | 2001-39 | 0 | 68 | 120 | 0 | 0 | ... |
| | | GTM | 85 | 0 | 0 | 0 | 1998-05 | 0 | 0 | 0 | 2006-31 | 1 | 84 | 2 | 0 | 0 | 2005/00 |
| | | HND | 99 | 0 | 0 | 0 | 1998-16 | 0 | 0 | 0 | 2004-11 | 0 | 94 | 19 | 0 | 0 | 2001/00 |
| | | NIC | 90 | 0 | 0 | 0 | 1994/14 | 0 | 0 | 0 | 2004-19 | 0 | 73 | 26 | 0 | 0 | 2005/00 |
| CAR | PAN | 34 | 0 | 0 | 0 | 2011-20 | 0 | 0 | 0 | 2002-48 | 0 | 34 | 0 | 0 | 0 | ... | |
| | SLV | 134 | 0 | 0 | 0 | 2001-19 | 0 | 0 | 0 | 2006-30 | 0 | 126 | 0 | 0 | 0 | 2001/00 | |
| | CAR | 124 | 0 | 0 | 0 | 2011/48 | 0 | 0 | 0 | 2008/18 | 0 | 114 | 52 | 0 | 0 | 1999/00 | |
| | LAC | CUB | 900 | 0 | 0 | 0 | 1993/27 | 0 | 0 | 0 | 2004/06 | 0 | 900 | 0 | 0 | 0 | 1989/10 |
| | DOM | 55 | 0 | 0 | 0 | 2011-18 | 0 | 0 | 0 | 2007-45 | 0 | 19 | 0 | 0 | 0 | ... | |
| MEX | HTI | 76 | 0 | 0 | 0 | 2001-39 | 0 | 0 | 0 | 2006-21 | 0 | 48 | 12 | 0 | 0 | ... | |
| | MEX | 2171 | 0 | 0 | 0 | 2015-02 | 0 | 0 | 0 | 2001-25 | 0 | 1832 | 0 | 0 | 0 | ... | |
| | NOA | CAN | ... | 0 | 43 | 43 ^a | 2017/21 | 0 | 0 | 0 | 2016/06 | 0 | 0 | ... | ... | ... | 2015/50 |
| SOC | USA | ... | 0 | 118 | 118 ^a | 2017/28 | 0 | 3 | 3 | 2017/16 | 0 | 0 | ... | 1 | ... | 2015/00 | |
| | ARG | 195 | 0 | 3 | 3 | 2017-17 | 0 | 0 | 0 | 2014-22 | 0 | 134 | 88 | 0 | 0 | 2009/27 | |
| | CHL | 100 | 0 | 0 | 0 | 2015-27 | 0 | 0 | 0 | 2011-25 | 0 | 96 | 76 | 0 | 0 | ... | |
| | PRY | 314 | 0 | 0 | 0 | 1998-44 | 0 | 0 | 0 | 2005-21 | 1 | 309 | 0 | 0 | 0 | 2003/06 | |
| URY | 0 | 0 | 0 | 0 | 1999/08 | 0 | 0 | 0 | 2001/37 | 0 | 0 | 0 | 0 | 0 | ... | | |
| TOTAL | 6059 | 0 | 164 | 164 | -- | 0 | 3 | 3 | -- | 6 | 5454 | 700 | 1 | 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 01-33, 2017

| Subregion and Country | | Measles | | | | Rubella | | | |
|-----------------------|-----|-----------|-----------|----------|----------|----------|----------|----------|----------|
| | | I | IR | CAC | U | I | IR | CAC | U |
| AND | BOL | | | | | | | | |
| | COL | | | | | | | | |
| | ECU | | | | | | | | |
| | PER | | | | | | | | |
| | VEN | | | | | | | | |
| BRA | BRA | | | | | | | | |
| | CRI | | | | | | | | |
| | GTM | | | | | | | | |
| | HND | | | | | | | | |
| | NIC | | | | | | | | |
| CAR | PAN | | | | | | | | |
| | SLV | | | | | | | | |
| | CAR | | | | | | | | |
| | CUB | | | | | | | | |
| | DOM | | | | | | | | |
| MEX | HTI | | | | | | | | |
| | MEX | | | | | | | | |
| NOA | CAN | 7 | 31 | | 5 | | | | |
| | USA | 73 | 43 | | 2 | 3 | | | |
| | ARG | 1 | 2 | | | | | | |
| SOC | CHL | | | | | | | | |
| | PRY | | | | | | | | |
| | URY | | | | | | | | |
| TOTAL | | 81 | 76 | 0 | 7 | 3 | 0 | 0 | 0 |

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 01-33, 2017

| Country | Pending Cases 2016 | Cumulative 2017 | Week of Onset | | | | | | % Pend. Cases |
|--------------|--------------------|-----------------|---------------|-----------|-----------|-----------|-----------|-----------|---------------|
| | | | 1-28 | 29 | 30 | 31 | 32 | 33 | |
| BOL | 0 | 5 | 5 | 0 | 0 | 0 | 0 | ... | 14 |
| COL | 11 | 10 | 9 | 0 | 0 | 1 | 0 | 0 | 2 |
| ECU | 9 | 10 | 7 | 0 | 1 | 0 | 2 | 0 | 6 |
| PER | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| VEN | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| BRA | 184 | 59 | 59 | 0 | 0 | 0 | 0 | 0 | 23 |
| CRI | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GTM | 3 | 0 | 0 | 0 | 0 | 0 | 0 | ... | 0 |
| HND | 0 | 5 | 2 | 0 | 1 | 2 | 0 | 0 | 5 |
| NIC | 0 | 17 | 1 | 0 | 1 | 7 | 1 | 7 | 19 |
| PAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | 0 |
| SLV | 1 | 8 | 4 | 1 | 0 | 1 | 1 | 1 | 6 |
| CAR | 0 | 10 | 2 | 1 | 1 | 1 | 1 | 4 | 8 |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DOM | 2 | 36 | 36 | 0 | 0 | 0 | 0 | 0 | 65 |
| HTI | 0 | 28 | 25 | 0 | 3 | 0 | 0 | 0 | 37 |
| MEX | 0 | 338 | 277 | 10 | 15 | 9 | 20 | 7 | 16 |
| CAN | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| USA | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ARG | 0 | 58 | 53 | 1 | 3 | 1 | 0 | 0 | 30 |
| CHL | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 2 | 4 |
| PRY | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| URY | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... | 0 |
| TOTAL | 211 | 595 | 488 | 13 | 26 | 22 | 25 | 21 | 10 |

... No report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-33, 2017

| 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 (2017/34-2017/33) | |
|---------------------------|-----|------------------------|-------------|-------------------------------------|------------------------------|--|------------------------|---|-----------------|
| | | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) |
| AND | BOL | 3514 | ... | 97 | 100 | 69 | 63 | 0.7 | 0.0 |
| | COL | 5197 | 97 | 74 | 98 | 85 | 97 | 2.4 | 11.1 |
| | ECU | 3208 | ... | 96 | 100 | 83 | 87 | 1.6 | 0.0 |
| | PER | 7771 | 72 | 86 | 94 | 71 | 54 | 1.3 | 0.0 |
| | VEN | 13092 | ... | 100 | 100 | 59 | 67 | 1.7 | 0.7 |
| CAP | BRA | 13325 | 75 | ... | 62 | 62 | 51 | 0.4 | 0.1 |
| | CRI | 57 | ... | 72 | 96 | 82 | 87 | 1.7 | 26.4 |
| | GTM | 1541 | ... | 0 | 94 | 47 | 82 | 0.9 | 0.0 |
| | HND | 470 | 89 | 67 | 100 | 83 | 99 | 1.4 | 2.5 |
| | NIC | 185 | 100 | 88 | 100 | 91 | 88 | 2.1 | 6.3 |
| CAR | PAN | 345 | ... | 76 | 100 | 88 | 91 | 1.2 | 0.0 |
| | SLV | 1256 | ... | 74 | 93 | 98 | 88 | 3.6 | 0.0 |
| | CAR | 700 | 97 | 94 | 94 | 12 | 72 | 3.3 | 6.7 |
| | LAC | 168 | ... | 100 | 100 | 100 | 100 | 15.6 | 0.0 |
| | DOM | 247 | ... | 2 | 100 | 25 | 27 | 0.7 | 0.0 |
| MEX | HTI | 368 | 91 | 89 | 96 | 47 | 61 | 0.9 | 1.5 |
| | MEX | 20146 | ... | 97 | 98 | 93 | 91 | 2.8 | 0.0 |
| NOA | CAN | ... | ... | ... | ... | ... | ... | ... | ... |
| | USA | ... | ... | ... | ... | ... | ... | ... | ... |
| SOC | ARG | 809 | ... | 21 | 86 | 62 | 66 | 0.7 | 2.6 |
| | CHL | 783 | 79 | 34 | 78 | 85 | 100 | 1.0 | 7.7 |
| | PRY | 1159 | 94 | 80 | 98 | 89 | 94 | 6.9 | 0.0 |
| | URY | 335 | ... | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| Total and Average* | | 74676 | 32 | 87 | 96 | 84 | 87 | 1.7 | 1.2 |

*Weighted

... No report received