# Measles/RubellaWeeklyBulletin

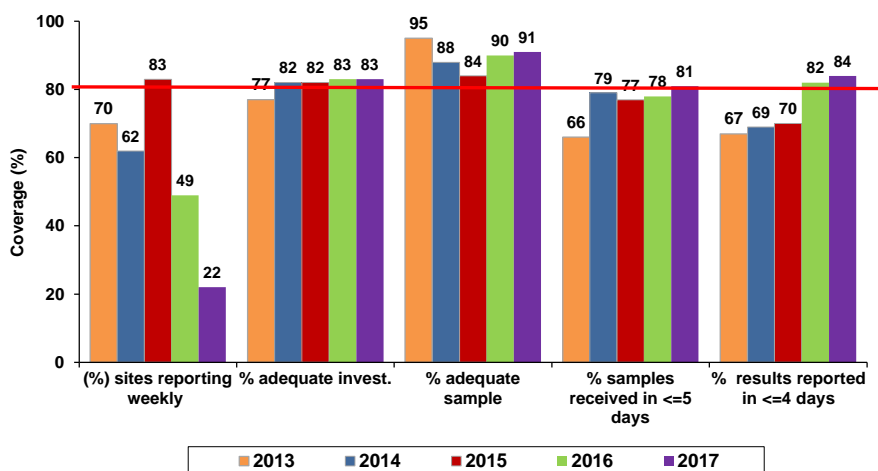*Comprehensive Family Immunization/Family,Gender and Life Course*
## Measles and Rubella Surveillance in the Americas

## Integrated measles and rubella surveillance indicators, The Americas, 2013-2017*



*Source*: ISIS, MESS and country reports
* Data as of epidemiolgical week 42, 2017.

**Table.1**
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-42, 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 | 54 | 0 | 0 | 0 | 2000-40 | 0 | 0 | 0 | 2006-03 | 0 | 49 | 0 | 0 | 0 | … |
| | COL | 917 | 0 | 0 | 0 | 2015-35 | 0 | 0 | 0 | 2012-31 | 1 | 906 | 356 | 0 | 0 | 2005/34 |
| | ECU | 205 | 0 | 0 | 0 | 2016-14 | 0 | 0 | 0 | 2004-49 | 0 | 191 | 0 | 0 | 0 | 2004/49 |
| | PER | 259 | 0 | 0 | 0 | 2015-25 | 0 | 0 | 0 | 2009-04 | 2 | 253 | 0 | 0 | 0 | 2007/16 |
| | VEN | 381 | 0 | 50 | 50 | 2017-41 | 0 | 0 | 0 | 2015-52 | 1 | 305 | 37 | 0 | 0 | … |
| BRA | BRA | 1271 | 0 | 0 | 0 | 2015-32 | 0 | 0 | 0 | 2014-40 | 0 | 1117 | 46 | 0 | 0 | 2009/34 |
| CAP | CRI | 87 | 0 | 0 | 0 | 2014-09 | 0 | 0 | 0 | 2001-39 | 0 | 82 | 145 | 0 | 0 | … |
| | GTM | 85 | 0 | 0 | 0 | 1998-05 | 0 | 0 | 0 | 2006-31 | 1 | 84 | 2 | 0 | 0 | 2005/00 |
| | HND | 135 | 0 | 0 | 0 | 1998-16 | 0 | 0 | 0 | 2004-11 | 0 | 130 | 32 | 0 | 0 | 2001/00 |
| | NIC | 201 | 0 | 0 | 0 | 1994/14 | 0 | 0 | 0 | 2004-19 | 0 | 190 | 27 | 0 | 0 | 2005/00 |
| | PAN | 42 | 0 | 0 | 0 | 2011-20 | 0 | 0 | 0 | 2002-48 | 0 | 42 | 1 | 0 | 0 | … |
| | SLV | 169 | 0 | 0 | 0 | 2001-19 | 0 | 0 | 0 | 2006-30 | 0 | 144 | 0 | 0 | 0 | 2001/00 |
| CAR | CAR | 144 | 0 | 0 | 0 | 2011/48 | 0 | 0 | 0 | 2008/18 | 0 | 138 | 66 | 0 | 0 | 1999/00 |
| LAC | CUB | 1287 | 0 | 0 | 0 | 1993/27 | 0 | 0 | 0 | 2004/06 | 0 | 1287 | 0 | 0 | 0 | 1989/10 |
| | DOM | 115 | 0 | 0 | 0 | 2011-18 | 0 | 0 | 0 | 2007-45 | 0 | 79 | 0 | 0 | 0 | … |
| | HTI | 114 | 0 | 0 | 0 | 2001-39 | 0 | 0 | 0 | 2006-21 | 0 | 67 | 16 | 0 | 0 | … |
| MEX | MEX | 2922 | 0 | 0 | 0 | 2015-02 | 0 | 1 | 1 | 2017-19 | 0 | 2455 | 0 | 0 | 0 | … |
| NOA | CAN | … | 0 | 45 | 45a | 2017/36 | 0 | 0 | 0 | 2016/06 | … | … | … | … | … | 2015/50 |
| | USA | … | 0 | 120 | 120a | 2017/40 | 0 | 3 | 3 | 2017/16 | … | … | … | 1 | … | 2015/00 |
| SOC | ARG | 260 | 0 | 3 | 3 | 2017-17 | 0 | 0 | 0 | 2014-22 | 0 | 161 | 100 | 0 | 0 | 2009/27 |
| | CHL | 135 | 0 | 0 | 0 | 2015-27 | 0 | 0 | 0 | 2011-25 | 0 | 130 | 76 | 0 | 0 | … |
| | PRY | 382 | 0 | 0 | 0 | 1998-44 | 0 | 0 | 0 | 2005-21 | 1 | 377 | 3 | 0 | 0 | 2003/06 |
| | URY | 0 | 0 | 0 | 0 | 1999/08 | 0 | 0 | 0 | 2001/37 | 0 | 0 | 0 | 0 | 0 | … |
| **TOTAL** | | 9165 | 0 | 218 | 218 | -- | 0 | 4 | 4 | -- | 6 | 8187 | 907 | 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 01-42, 2017**

| Subregion and Country | | Measles | | | | Rubella | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | I | IR | CAC | U | I | IR | CAC | U |
| AND | BOL | | | | | | | | |
| | COL | | | | | | | | |
| | ECU | | | | | | | | |
| | PER | | | | | | | | |
| | VEN | | | | 50 | | | | |
| BRA | BRA | | | | | | | | |
| CAP | CRI | | | | | | | | |
| | GTM | | | | | | | | |
| | HND | | | | | | | | |
| | NIC | | | | | | | | |
| | PAN | | | | | | | | |
| | SLV | | | | | | | | |
| CAR | CAR | | | | | | | | |
| LAC | CUB | | | | | | | | |
| | DOM | | | | | | | | |
| | HTI | | | | | | | | |
| MEX | MEX | | | | | 1 | | | |
| NOA | CAN | 8 | 32 | | 5 | | | | |
| | USA | 74 | 43 | | 3 | 3 | | | |
| SOC | ARG | 1 | 2 | | | | | | |
| | CHL | | | | | | | | |
| | PRY | | | | | | | | |
| | URY | | | | | | | | |
| **TOTAL** | | **83** | **77** | **0** | **58** | **4** | **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 01-42, 2017**

| Country | Pending Cases 2016 | Cumu-lative 2017 | Week of Onset | | | | | | % Pend. Cases |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1-37 | 28 | 29 | 40 | 41 | 42 | |
| BOL | 0 | 5 | 4 | 0 | 0 | 1 | 0 | … | 9 |
| COL | 8 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 1 |
| ECU | 9 | 14 | 14 | 0 | 0 | 0 | … | … | 7 |
| PER | 1 | 4 | 3 | 0 | 0 | 0 | 1 | 0 | 2 |
| VEN | 0 | 25 | 23 | 2 | 0 | 0 | 0 | 0 | 7 |
| BRA | 0 | 154 | 104 | 8 | 6 | 10 | 11 | 15 | 12 |
| CRI | 1 | 5 | 2 | 2 | 0 | 0 | 1 | 0 | 6 |
| GTM | 3 | 0 | 0 | 0 | 0 | 0 | 0 | … | 0 |
| HND | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 4 |
| NIC | 0 | 11 | 2 | 0 | 3 | 4 | 1 | 1 | 5 |
| PAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SLV | 1 | 25 | 18 | 2 | 2 | 2 | 1 | … | 15 |
| CAR | 0 | 6 | 3 | 2 | 0 | 0 | 1 | 0 | 4 |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DOM | 2 | 36 | 36 | 0 | 0 | 0 | 0 | … | 31 |
| HTI | 0 | 47 | 46 | 0 | 1 | 0 | 0 | 0 | 41 |
| MEX | 0 | 466 | 398 | 15 | 13 | 16 | 14 | 10 | 16 |
| CAN | … | … | … | … | … | … | … | … | … |
| USA | … | … | … | … | … | … | … | … | … |
| ARG | 0 | 96 | 72 | 9 | 3 | 8 | 2 | 2 | 37 |
| CHL | 0 | 5 | 1 | 1 | 0 | 1 | 1 | 1 | 4 |
| PRY | 0 | 4 | 4 | 0 | 0 | 0 | 0 | … | 1 |
| URY | 0 | 0 | 0 | … | … | … | … | … | … |
| **TOTAL** | **25** | **918** | **745** | **41** | **28** | **42** | **33** | **29** | **10** |

… No report received

**Table 4**
**Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-42, 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 (2017/43-2017/42) | |
|---|---|---|---|---|---|---|---|---|---|
| | | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) |
| AND | BOL | 3514 | 0 | 98 | 100 | 72 | 65 | 0.6 | 0.0 |
| | COL | 5212 | 97 | 75 | 97 | 86 | 96 | 2.4 | 12.3 |
| | ECU | 3208 | 0 | 96 | 100 | 83 | 86 | 1.5 | 0.0 |
| | PER | 7771 | 0 | 87 | 95 | 72 | 55 | 1.1 | 0.0 |
| | VEN | 13092 | 0 | 99 | 96 | 56 | 68 | 1.6 | 0.7 |
| | BRA | 11660 | 79 | 62 | 58 | 58 | 54 | 0.7 | 0.2 |
| CAP | CRI | 57 | 0 | 74 | 95 | 83 | 87 | 1.9 | 30.8 |
| | GTM | 1541 | 0 | 0 | 94 | 47 | 82 | 0.6 | 0.0 |
| | HND | 470 | 92 | 58 | 99 | 75 | 99 | 1.7 | 3.1 |
| | NIC | 185 | 100 | 85 | 100 | 94 | 90 | 3.5 | 6.4 |
| | PAN | 348 | 0 | 86 | 100 | 88 | 93 | 1.3 | 0.0 |
| | SLV | 1256 | 0 | 72 | 94 | 97 | 91 | 3.3 | 0.0 |
| CAR | CAR | 700 | 66 | 92 | 92 | 11 | 75 | 2.1 | 7.7 |
| LAC | CUB | 168 | 0 | 100 | 100 | 100 | 100 | 15.0 | 0.0 |
| | DOM | 247 | 0 | 2 | 97 | 50 | 56 | 1.1 | 0.0 |
| | HTI | 368 | 0 | 84 | 97 | 56 | 69 | 1.2 | 1.7 |
| MEX | MEX | 20146 | 0 | 97 | 98 | 92 | 91 | 2.6 | 0.0 |
| NOA | CAN | … | … | … | … | … | … | … | … |
| | USA | … | … | … | … | … | … | … | … |
| SOC | ARG | 809 | 0 | 18 | 78 | 63 | 67 | 0.7 | 2.8 |
| | CHL | 783 | 86 | 34 | 80 | 83 | 98 | 0.9 | 8.0 |
| | PRY | 1159 | 0 | 80 | 98 | 89 | 96 | 7.1 | 0.2 |
| | URY | 335 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| **Total and Average*** | | **73029** | **22** | **83** | **91** | **81** | **84** | **1.8** | **1.3** |

*Weighted

… No report received