

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 9 July 2016

Confirmed measles cases by second administrative level The Americas, 2011, 2014, 2015, and 2016*

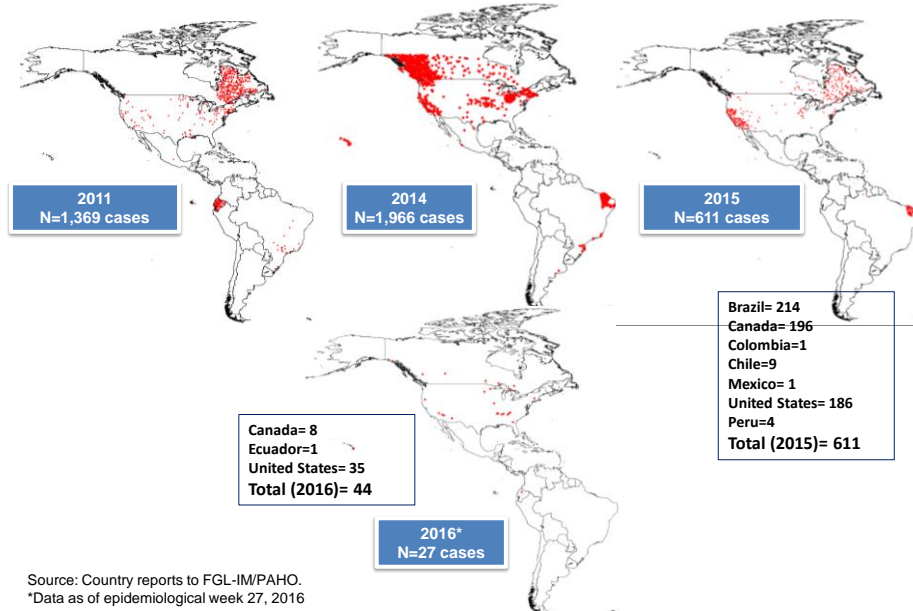


Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-27, 2016

| Subregion and Country | Susp. Cases 2016 | Measles Confirmed 2016 | | | Year/Week Last Conf. Measles case | Rubella Confirmed 2016 | | | Year/Week Last Conf. Rubella Case | Diagnosis of Discarded Cases 2016 | | Congenital Rubella Syndrome | | | Year/Week Last Conf. CRS Case | |
|-----------------------|------------------|------------------------|----------|-----------|-----------------------------------|------------------------|----------|----------|-----------------------------------|-----------------------------------|-----------|-----------------------------|------------|----------|-------------------------------|-----------|
| | | Clin. | Lab. | Total | | Clin. | Lab. | Total | | Dengue | Others | Susp. | Conf. | CRI* | | |
| AND | BOL | 61 | 0 | 0 | 0 | 2000/40 | 0 | 0 | 0 | 2006/03 | 0 | 59 | 0 | 0 | 0 | ... |
| | COL | 788 | 0 | 0 | 0 | 2015/36 | 0 | 0 | 0 | 2012/42 | 0 | 768 | 252 | 0 | 0 | 2005/34 |
| | ECU | 117 | 0 | 1 | 1 | 2016/14 | 0 | 0 | 0 | 2004/45 | 0 | 97 | 0 | 0 | 0 | 2002/00 |
| | PER | 189 | 0 | 0 | 0 | 2015/25 | 0 | 0 | 0 | 2006/45 | 0 | 140 | 0 | 0 | 0 | 2007/16 |
| | VEN | 90 | 0 | 0 | 0 | 2012/16 | 0 | 0 | 0 | 2007/51 | 6 | 84 | 0 | 0 | 0 | ... |
| BRA | BRA | 1098 | 0 | 0 | 0 | 2015/32 | 0 | 0 | 0 | 2014/40 | 0 | 967 | 37 | 0 | 0 | 2009/34 |
| CAP | CRI | 14 | 0 | 0 | 0 | 2005/22 | 0 | 0 | 0 | 2001/42 | 2 | 8 | 40 | 0 | 0 | ... |
| | GTM | 58 | 0 | 0 | 0 | 1998/05 | 0 | 0 | 0 | 2006/30 | 1 | 57 | 0 | 0 | 0 | 2005/00 |
| | HND | 34 | 0 | 0 | 0 | 1997/29 | 0 | 0 | 0 | 2004/11 | 1 | 33 | 10 | 0 | 0 | 2001/00 |
| | NIC | 46 | 0 | 0 | 0 | 1994/14 | 0 | 0 | 0 | 2004/19 | 0 | 42 | 26 | 0 | 0 | 2005/00 |
| | PAN | 35 | 0 | 0 | 0 | 2011/20 | 0 | 0 | 0 | 2002/48 | 0 | 35 | 0 | 0 | 0 | ... |
| | SLV | 74 | 0 | 0 | 0 | 2001/19 | 0 | 0 | 0 | 2006/30 | 0 | 42 | 0 | 0 | 0 | 2001/00 |
| CAR | CAR | 261 | 0 | 0 | 0 | 2011/48 | 0 | 0 | 0 | 2008/18 | 0 | 244 | 13 | 0 | 0 | 1999/00 |
| LAC | CUB | 104 | 0 | 0 | 0 | 1993/27 | 0 | 0 | 0 | 2004/06 | 0 | 104 | 0 | 0 | 0 | ... |
| | DOM | 41 | 0 | 0 | 0 | 2011/18 | 0 | 0 | 0 | 2006/44 | 0 | 10 | 0 | 0 | 0 | ... |
| | GLP | 0 | 0 | 0 | 0 | 2011/28 | 0 | 0 | 0 | ... | 0 | 0 | 0 | ... | ... | 2005/00 |
| | GUF | 0 | 0 | 0 | 0 | 2011/26 | 0 | 0 | 0 | 2010/06 | 0 | 0 | 0 | ... | ... | ... |
| | HTI | 20 | 0 | 0 | 0 | 2001/39 | 0 | 0 | 0 | 2006/21 | 0 | 15 | 4 | 0 | 0 | ... |
| | MTQ | 2 | 0 | 0 | 0 | 2011/27 | 0 | 0 | 0 | ... | 0 | 2 | 0 | ... | ... | ... |
| MEX | MEX | 2003 | 0 | 0 | 0 | 2015/02 | 0 | 0 | 0 | 2012/49 | 0 | 1723 | 0 | 0 | 0 | ... |
| NOA | CAN | 0 | ... | 8 | 8 ^a | 2016/22 | 0 | 1 | 1 | 2016/06 | 0 | 0 | 0 | ... | ... | 2015/50 |
| | USA | 0 | ... | 35 | 35 ^a | 2016/24 | ... | 1 | 1 | 2016/03 | 0 | 0 | 0 | ... | ... | 2015/00 |
| SOC | ARG | 135 | 0 | 0 | 0 | 2014/36 | 0 | 0 | 0 | 2014/22 | 7 | 68 | 56 | 0 | 0 | 2009/27 |
| | CHL | 96 | 0 | 0 | 0 | 2015/27 | 0 | 0 | 0 | 2011/25 | 0 | 90 | 32 | 0 | 0 | ... |
| | PRY | 206 | 0 | 0 | 0 | 1998/44 | 0 | 0 | 0 | 2005/21 | 22 | 110 | 0 | 0 | 0 | 2003/06 |
| | URY | 0 | 0 | 0 | 0 | 1999/08 | 0 | 0 | 0 | 2001/37 | 0 | 0 | 0 | ... | ... | ... |
| TOTAL | | 5472 | 0 | 44 | 44 | -- | 0 | 2 | 2 | -- | 39 | 4698 | 470 | 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 01-27, 2016

| Subregion and Country | | Measles | | | | Rubella | | | |
|-----------------------|-----|-----------|----------|----------|-----------|----------|----------|----------|----------|
| | | I | IR | CAC | U | I | IR | CAC | U |
| AND | BOL | | | | | | | | |
| | COL | | | | | | | | |
| | ECU | 1 | | | | | | | |
| | PER | | | | | | | | |
| | VEN | | | | | | | | |
| BRA | BRA | | | | | | | | |
| | CAP | | | | | | | | |
| | CRI | | | | | | | | |
| | GTM | | | | | | | | |
| | HND | | | | | | | | |
| CAR | NIC | | | | | | | | |
| | PAN | | | | | | | | |
| | SLV | | | | | | | | |
| | LAC | | | | | | | | |
| | CUB | | | | | | | | |
| MEX | DOM | | | | | | | | |
| | GLP | | | | | | | | |
| | GUF | | | | | | | | |
| | HTI | | | | | | | | |
| | MTQ | | | | | | | | |
| NOA | MEX | | | | 1 | | | | |
| | CAN | 7 | | | | 1 | | | |
| SOC | USA | 4 | | | 31 | 1 | | | |
| | ARG | | | | | | | | |
| | CHL | | | | | | | | |
| | PRY | | | | | | | | |
| | URY | | | | | | | | |
| TOTAL | | 12 | 0 | 0 | 32 | 2 | 0 | 0 | 0 |

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-27, 2016

| Country | Pending Cases 2015 | Cumulative 2016 | Week of Onset | | | | | | | % Pend.Cases |
|--------------|--------------------|-----------------|---------------|-----------|-----------|-----------|-----------|----------|----------|--------------|
| | | | 1-22 | 23 | 24 | 25 | 26 | 27 | | |
| BOL | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| COL | 13 | 20 | 14 | 0 | 2 | 1 | 3 | 0 | 0 | 3 |
| ECU | 42 | 19 | 14 | 2 | 3 | 0 | ... | ... | ... | 16 |
| PER | 21 | 49 | 41 | 1 | 2 | 2 | 0 | 3 | 0 | 26 |
| VEN | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | 0 |
| BRA | 234 | 132 | 114 | 5 | 4 | 6 | 3 | 0 | 0 | 12 |
| CAP | | | | | | | | | | |
| CRI | 0 | 4 | 1 | 1 | 1 | 1 | ... | ... | ... | 29 |
| GTM | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NIC | 0 | 4 | 3 | 1 | ... | ... | ... | ... | ... | 9 |
| PAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SLV | 9 | 32 | 25 | 5 | 1 | 1 | 0 | 0 | 0 | 43 |
| CAR | | | | | | | | | | |
| LAC | | | | | | | | | | |
| CUB | 0 | 17 | 8 | 0 | 1 | 5 | 2 | 1 | 1 | 7 |
| DOM | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | 0 |
| GLP | 69 | 31 | 31 | 0 | 0 | ... | ... | ... | ... | 76 |
| GLP | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | 0 |
| GUF | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | 0 |
| HTI | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| MTQ | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | 0 |
| MEX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NOA | | | | | | | | | | |
| CAN | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... |
| USA | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... |
| SOC | | | | | | | | | | |
| ARG | 2 | 60 | 51 | 6 | 2 | 1 | 0 | ... | ... | 44 |
| CHL | 0 | 6 | 3 | 0 | 0 | 1 | 1 | 1 | 1 | 6 |
| PRY | 10 | 74 | 63 | 2 | 4 | 2 | 1 | 2 | 2 | 36 |
| URY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 401 | 455 | 375 | 23 | 20 | 20 | 10 | 7 | 7 | 8 |

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 01-27, 2016

| 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 (2015/28-2016/27) | |
|---------------------------|-----|------------------------|-------------|-------------------------------------|------------------------------|--|------------------------|---|-----------------|
| | | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) |
| AND | BOL | 3514 | ... | 100 | 95 | 42 | 83 | 1.3 | 0.0 |
| | COL | 5319 | ... | 73 | 98 | 87 | 93 | 4.3 | 2.8 |
| | ECU | 3208 | ... | 87 | 98 | 77 | 76 | 1.5 | 0.0 |
| | PER | 7061 | ... | 84 | 90 | 77 | 30 | 1.8 | 0.0 |
| | VEN | 13092 | ... | 97 | 100 | 69 | 67 | 1.3 | 0.1 |
| CAP | BRA | 14875 | 76 | ... | 33 | 33 | 70 | 1.3 | 0.1 |
| | CRI | 57 | ... | 36 | 100 | 86 | 93 | 0.7 | 5.3 |
| | GTM | 1506 | 80 | 7 | 97 | 62 | 72 | 0.9 | 0.5 |
| | HND | 470 | 90 | 71 | 100 | 82 | 94 | 0.8 | 0.5 |
| | NIC | 185 | ... | 89 | 100 | 100 | 78 | 1.9 | 1.9 |
| CAR | PAN | 282 | ... | 91 | 100 | 71 | 97 | 1.8 | 0.1 |
| | SLV | 1243 | ... | 69 | 93 | 96 | 83 | 3.3 | 3.8 |
| | LAC | | | | | | | | |
| | CUB | 714 | 91 | 82 | 97 | 17 | 72 | 5.1 | 2.0 |
| | CUB | 168 | ... | 0 | 0 | 0 | 0 | 4.7 | 0.0 |
| MEX | DOM | 247 | ... | 0 | 95 | 0 | 0 | 0.7 | 0.0 |
| | GLP | ... | ... | ... | ... | ... | ... | 0.0 | 0.0 |
| | GUF | ... | ... | ... | ... | ... | ... | 0.4 | 0.0 |
| | HTI | 320 | 79 | 90 | 95 | 80 | 75 | 0.8 | 0.2 |
| | MTQ | ... | ... | ... | ... | ... | ... | 0.5 | 0.0 |
| NOA | MEX | 139 | ... | 98 | 96 | 97 | 86 | 1.8 | 0.0 |
| | CAN | ... | ... | ... | ... | ... | ... | ... | ... |
| SOC | USA | ... | ... | ... | ... | ... | ... | ... | ... |
| | ARG | 809 | ... | 22 | 85 | 72 | 45 | 0.9 | 0.8 |
| | CHL | 817 | 87 | 31 | 89 | 92 | 95 | 2.3 | 1.3 |
| | PRY | 1109 | 84 | 82 | 94 | 74 | 75 | 6.8 | 0.3 |
| | URY | 345 | ... | 0 | 0 | 0 | 0 | 0.1 | 0.0 |
| Total and Average* | | 55480 | 77 | 84 | 83 | 74 | 79 | 1.8 | 0.8 |

*Weighted

... No report received