

Measles/Rubella Weekly Bulletin



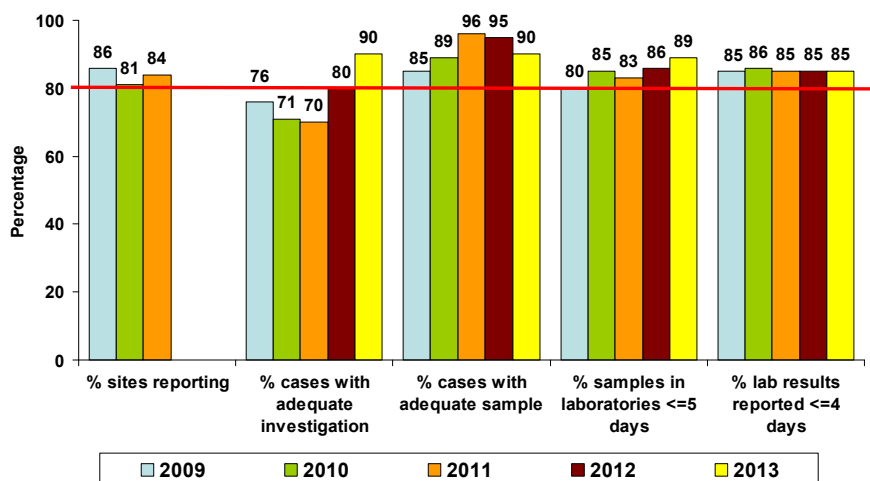
Comprehensive Family Immunization/Family, Gender and Life Course
Measles and Rubella Surveillance in the Americas



Vol. 19, No. 35

Week ending 31 August 2013

Integrated Measles-Rubella Surveillance Indicators, Region of the Americas, 2009-2013*



Source: MESS, ISIS and country reports.
* Data as of 5 September 2013

Table 1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-35, 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. | CRI* | | |
| AND | BOL | 83 | 0 | 0 | 0 | 2000/40 | 0 | 0 | 0 | 2006/03 | 1 | 78 | 22 | ... | ... | ... |
| | COL | 1328 | 0 | 1 | 1 | 2013/25 | 0 | 0 | 0 | 2012/42 | 8 | 1240 | 213 | 0 | 0 | 2005/34 |
| | ECU | 0 | ... | ... | ... | 2012/28 | ... | ... | ... | 2004/45 | 0 | 0 | 0 | ... | ... | ... |
| | PER | 274 | 0 | 0 | 0 | 2008/18 | 0 | 0 | 0 | 2006/45 | 0 | 261 | 0 | ... | ... | 2007/16 |
| | VEN | 157 | 0 | 0 | 0 | 2012/16 | 0 | 0 | 0 | 2007/51 | 19 | 81 | 0 | 0 | 0 | ... |
| BRA | BRA | 3206 | 0 | 101 | 101 | 2013/33 | 0 | 0 | 0 | 2009/41 | 0 | 2584 | 76 | 0 | 0 | 2009/34 |
| CAP | CRI | 16 | 0 | 0 | 0 | 2005/22 | 0 | 0 | 0 | 2001/42 | 2 | 12 | 0 | 0 | ... | ... |
| | GTM | 179 | 0 | 0 | 0 | 1998/05 | 0 | 0 | 0 | 2006/30 | 42 | 133 | 4 | 0 | 0 | 2005/00 |
| | HND | 72 | 0 | 0 | 0 | 1997/29 | 0 | 0 | 0 | 2004/11 | 29 | 28 | 62 | 0 | 0 | 2001/00 |
| | NIC | 125 | 0 | 0 | 0 | 1994/14 | 0 | 0 | 0 | 2004/19 | 5 | 115 | 27 | 0 | ... | 2005/00 |
| | PAN | 104 | 0 | 0 | 0 | 2011/20 | 0 | 0 | 0 | 2002/48 | 0 | 103 | 2 | 0 | ... | ... |
| | SLV | 16 | 0 | 0 | 0 | 2001/19 | 0 | 0 | 0 | 2006/30 | 0 | 0 | 0 | 0 | 0 | 2001/00 |
| CAR | CAR | 234 | 0 | 0 | 0 | 2011/48 | 0 | 0 | 0 | 2008/18 | 0 | 172 | 0 | ... | ... | 1999/00 |
| LAC | CUB | 665 | 0 | 0 | 0 | 1993/27 | 0 | 0 | 0 | 2004/06 | 0 | 665 | 0 | 0 | ... | ... |
| | DOM | 45 | 0 | 0 | 0 | 2011/18 | 0 | 0 | 0 | 2006/44 | 0 | 33 | 0 | ... | ... | ... |
| | GLP | 2 | 0 | 0 | 0 | 2011/28 | 0 | 0 | 0 | ... | 0 | 2 | 0 | 0 | ... | 2005/00 |
| | GUF | 1 | 0 | 0 | 0 | 2011/26 | 0 | 0 | 0 | 2010/06 | 0 | 1 | 0 | 0 | ... | ... |
| | HTI | 277 | 0 | 0 | 0 | 2001/39 | 0 | 0 | 0 | 2006/21 | 0 | 254 | 31 | 0 | ... | ... |
| | MTQ | 0 | 0 | 0 | 0 | 2011/27 | 0 | 0 | 0 | ... | 0 | 0 | 0 | 0 | ... | ... |
| | PRI | 0 | ... | ... | ... | ... | ... | ... | ... | ... | 0 | 0 | 0 | 0 | ... | ... |
| MEX | MEX | 3043 | 0 | 0 | 0 | 2011/12 | 0 | 0 | 0 | 2012/49 | 0 | 3031 | 0 | 0 | ... | ... |
| NOA | CAN | 0 | 0 | 33 ^a | 33 | 2013/34 | 0 | 1 | 1 | 2013/15 | 0 | 0 | 0 | 0 | ... | 2011/12 |
| | USA | 0 | ... | 143 ^a | 143 | 2013/29 | 0 | 6 | 6 | 2013/04 | 0 | 0 | 0 | 0 | ... | 2012/44 |
| SOC | ARG | 167 | 0 | 0 | 0 | 2012/20 | 0 | 0 | 0 | 2011/20 | 1 | 53 | 61 | ... | ... | 2009/27 |
| | CHL | 82 | 0 | 0 | 0 | 2011/25 | 0 | 0 | 0 | 2011/25 | 0 | 72 | 0 | 0 | 0 | ... |
| | PRY | 348 | 0 | 0 | 0 | 1998/44 | 0 | 0 | 0 | 2005/21 | 142 | 190 | 0 | 0 | 0 | 2003/06 |
| | URY | 0 | 0 | 0 | 0 | 1999/08 | 0 | 0 | 0 | 2001/37 | 0 | 0 | 0 | 0 | 0 | ... |
| TOTAL | | 10424 | 0 | 278 | 278 | -- | 0 | 7 | 7 | -- | 249 | 9108 | 498 | 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 01-35, 2013

| Subregion and Country | | Measles | | | | Rubella | | | |
|-----------------------|-----|-----------|------------|-----|------------|----------|----|-----|----------|
| | | I | IR | CAC | U | I | IR | CAC | U |
| AND | BOL | | | | | | | | |
| | COL | 1 | | | | | | | |
| | ECU | | | | | | | | |
| | PER | | | | | | | | |
| | VEN | | | | | | | | |
| BRA | BRA | 3 | 5 | | 93 | | | | |
| | CAP | | | | | | | | |
| | CRI | | | | | | | | |
| | GTM | | | | | | | | |
| | HND | | | | | | | | |
| CAR | NIC | | | | | | | | |
| | PAN | | | | | | | | |
| | SLV | | | | | | | | |
| | CAR | | | | | | | | |
| | LAC | | | | | | | | |
| | CUB | | | | | | | | |
| | DOM | | | | | | | | |
| | GLP | | | | | | | | |
| | GUF | | | | | | | | |
| | HTI | | | | | | | | |
| MEX | MTQ | | | | | | | | |
| | PRI | | | | | | | | |
| | MEX | | | | | | | | |
| NOA | CAN | 8 | 19 | | 6 | 1 | | | |
| | USA | 45 | 94 | | 4 | 4 | | | 2 |
| SOC | ARG | | | | | | | | |
| | CHL | | | | | | | | |
| | PRY | | | | | | | | |
| | URY | | | | | | | | |
| TOTAL | | 57 | 118 | | 103 | 5 | | | 2 |

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 01-35, 2013

| Country | Pending Cases 2012 | Cumulative 2013 | Week of Onset | | | | | | | % Pend.Cases | |
|--------------|--------------------|-----------------|---------------|------------|------------|-----------|-----------|-----------|-----------|--------------|----------|
| | | | 1-30 | 31 | 32 | 33 | 34 | 35 | | | |
| BOL | 1 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | |
| COL | 0 | 79 | 45 | 12 | 9 | 12 | 1 | 0 | 0 | 6 | |
| ECU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | |
| PER | 0 | 13 | 4 | 1 | 1 | 3 | 2 | 2 | 2 | 5 | |
| VEN | 0 | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | |
| BRA | 146 | 521 | ... | ... | ... | ... | ... | ... | ... | 16 | |
| CRI | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 13 | |
| GTM | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| HND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NIC | 0 | 5 | 2 | 0 | 0 | 0 | 1 | 2 | 4 | 4 | |
| PAN | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| SLV | 0 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | |
| CAR | 0 | 62 | 51 | 2 | 1 | 5 | 2 | 1 | 26 | 26 | |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| DOM | 0 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | |
| GLP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| GUF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HTI | 0 | 23 | 9 | 3 | 2 | 5 | 3 | 1 | 8 | 8 | |
| MTQ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PRI | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MEX | 0 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | |
| CAN | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| USA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| ARG | 170 | 112 | 105 | 5 | 2 | 0 | 0 | 0 | 0 | 67 | |
| CHL | 0 | 10 | 2 | 1 | 4 | 2 | 1 | 0 | 12 | 12 | |
| PRY | 1 | 16 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | |
| URY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL | | | 318 | 942 | 334 | 24 | 20 | 27 | 10 | 6 | 9 |

... No report received

Table 4.

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-35, 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 (2012/36-2013/35) | |
|---------------------------|-----|------------------------|-------------|-------------------------------------|------------------------------|--|------------------------|---|-----------------|
| | | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) |
| AND | BOL | 2887 | ... | 99 | 99 | 80 | 92 | 1.3 | 1.2 |
| | COL | 5029 | 98 | 77 | 93 | 89 | 95 | 4.7 | 3.6 |
| | ECU | 2184 | ... | ... | ... | ... | ... | 0.0 | 0.5 |
| | PER | 7325 | ... | 90 | 97 | 78 | 54 | 1.5 | 0.0 |
| | VEN | 13092 | ... | 74 | 91 | 16 | 16 | 1.0 | 0.0 |
| BRA | BRA | 12890 | 79 | 99 | ... | 99 | ... | 2.4 | 0.4 |
| | CAP | 57 | 0 | 25 | 69 | 69 | 63 | 0.7 | 0.0 |
| | GTM | 1506 | 3 | 0 | 95 | 73 | 84 | 1.8 | 0.1 |
| | HND | 469 | 95 | 42 | 93 | 78 | 99 | 1.4 | 4.3 |
| | NIC | 185 | 100 | 90 | 98 | 88 | 89 | 2.7 | 2.0 |
| CAR | PAN | 219 | 81 | 85 | 100 | 72 | 90 | 4.1 | 0.4 |
| | SLV | 893 | ... | 0 | 81 | 62 | 92 | 1.6 | 10.2 |
| | CAR | 759 | 51 | 12 | 3 | 29 | 100 | 0.5 | 0.0 |
| | LAC | 150 | 100 | 100 | 100 | 100 | 100 | 8.7 | 0.0 |
| | CUB | ... | ... | 7 | 98 | 66 | 59 | 0.9 | 0.0 |
| | GLP | ... | ... | ... | ... | ... | ... | 0.4 | ... |
| | GUF | ... | ... | ... | ... | ... | ... | 0.4 | ... |
| | HTI | 103 | 92 | 90 | 99 | 81 | 70 | 2.9 | 1.2 |
| | MTQ | ... | ... | ... | ... | ... | ... | 0.0 | ... |
| | PRI | ... | ... | ... | ... | ... | ... | 0.0 | ... |
| MEX | MEX | 11138 | ... | 98 | ... | ... | ... | 4.3 | 0.0 |
| | NOA | CAN | ... | ... | ... | ... | ... | ... | ... |
| SOC | USA | ... | ... | ... | ... | ... | ... | ... | ... |
| | ARG | 779 | ... | 10 | 87 | 60 | 45 | 0.6 | 2.1 |
| SOC | CHL | 569 | ... | 59 | 88 | 95 | 95 | 0.8 | 0.5 |
| | PRY | 921 | 90 | 84 | 93 | 95 | 87 | 9.0 | 0.0 |
| | URY | 155 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| Total and Average* | | 61310 | 78 | 90 | 90 | 89 | 85 | 2.4 | 0.9 |

*Weighted

... No report received