

Measles/Rubella Weekly Bulletin

Comprehensive Family Immunization Project/Family and Community Health Area

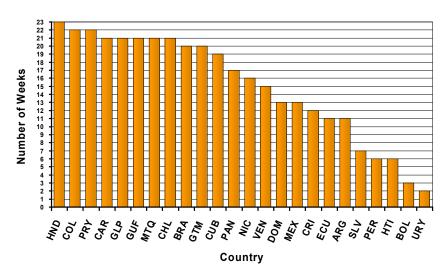


Vol. 18, No. 23 Measles and Rubella Surveillance in the Americas

Week ending 9 June 2012



Weekly Measles/Rubella Surveillance Reports Received in PAHO, The Americas, 2012*



Source: Country reports to PAHO

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-23, 2012

| Subegion and Country | | Susp. Cases 2012 | | | | Year/Week Last Conf. Measles | Rubella Confirmed 2012 | | | Year/Week Last Conf. Rubella | nf. Discarded Cases | | Congenital Rubella Syndrome | | Year/Week Last Conf. CRS Case | |
|-------------------------|-----|------------------------|-------|------|-----------------|------------------------------------|------------------------|------|------------|------------------------------------|---------------------|--------|--------------------------------|-------|-------------------------------------|----------|
| | | | Clin. | Lab. | Total | case | Clin. | Lab. | Lab. Total | Case | Dengue | Others | Susp. | Conf. | CRI* | CRS Case |
| AND | BOL | 40 | 0 | 0 | 0 | 2000/40 | | | | 2006/03 | 0 | 35 | 0 | | | |
| | COL | 884 | 0 | 1 | 1 | 2012/05 | 0 | 1 | 1 | 2012/12 | 2 | 823 | 50 | 0 | 0 | 2005/34 |
| | ECU | 916 | 0 | 58 | 58 | 2012/19 | | | | 2004/45 | 18 | 86 | 10 | | | |
| | PER | 244 | 0 | 0 | 0 | 2008/18 | 0 | 0 | 0 | 2006/45 | 0 | 227 | 0 | | | 2007/16 |
| | VEN | 121 | 0 | 1 | 1 | 2012/16 | 0 | 0 | 0 | 2007/51 | 14 | 81 | 0 | 0 | 0 | |
| BRA | BRA | 2154 | 0 | 1 | 1 | 2012/02 | 0 | 0 | 0 | 2009/41 | 0 | 1724 | 45 | | | 2009/34 |
| CAP | CRI | 10 | 0 | 0 | 0 | 2005/22 | 0 | 0 | 0 | 2001/42 | 0 | 3 | 0 | 0 | 0 | |
| | GTM | 169 | 0 | 0 | 0 | 1998/05 | 0 | 0 | 0 | 2006/30 | 13 | 149 | 0 | 0 | 0 | 2005/00 |
| | HND | 41 | 0 | 0 | 0 | 1997/29 | 0 | 0 | 0 | 2004/11 | 5 | 29 | 47 | 0 | 0 | 2002/00 |
| | NIC | 45 | 0 | 0 | 0 | 1994/14 | 0 | 0 | 0 | 2004/19 | 1 | 40 | 0 | 0 | 0 | |
| | PAN | 56 | 0 | 0 | 0 | 2011/20 | 0 | 0 | 0 | 2002/48 | 1 | 55 | 0 | 0 | 0 | |
| | SLV | 194 | 0 | 0 | 0 | 2001/19 | 0 | 0 | 0 | 2006/30 | 0 | 194 | 0 | | | 2001/00 |
| CAR | CAR | 238 | 0 | 0 | 0 | 2011/48 | 0 | 0 | 0 | 2008/18 | 0 | 0 | 0 | 0 | 0 | 1999/00 |
| LAC | CUB | 569 | 0 | 0 | 0 | 1993/27 | 0 | 0 | 0 | 2004/06 | 0 | 569 | 0 | 0 | 0 | |
| | DOM | 65 | 0 | 0 | 0 | 2011/18 | 0 | 0 | 0 | 2006/44 | 1 | 64 | 0 | | | |
| | GLP | 3 | 0 | 1 | 1 | 2012/10 | 0 | 0 | 0 | | 0 | 2 | 0 | 0 | 0 | 2005/00 |
| | GUF | 11 | 0 | 0 | 0 | 2011/26 | 0 | 0 | 0 | 2010/06 | 3 | 8 | 0 | 0 | 0 | |
| | HTI | 64 | 0 | 0 | 0 | 2001/39 | 0 | 0 | 0 | 2006/47 | 0 | 0 | 0 | 0 | | |
| | MTQ | 0 | 0 | 0 | 0 | 2011/27 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | |
| | PRI | | | | | | | | | | 0 | 0 | 0 | | | |
| MEX | MEX | 1140 | 0 | 0 | 0 | 2011/12 | 0 | 0 | 0 | 2008/20 | 0 | 973 | 0 | 0 | 0 | |
| NOA | CAN | | 0 | 4 | 4 | 2012/21 | 0 | 1 | 1 | 2012/03 | 0 | 0 | 0 | 0 | 0 | |
| | USA | | 0 | 38 | 38 ^a | 2012/21 | 0 | 4 | 4 | 2012/17 | 0 | 0 | 0 | 2 | 0 | |
| SOC | ARG | 93 | 0 | 1 | 1 | 2012/20 | 0 | 0 | 0 | 2011/20 | 0 | 13 | 10 | 0 | 0 | 2009/27 |
| | CHL | 75 | 0 | 0 | 0 | 2011/25 | 0 | 0 | 0 | 2011/25 | 0 | 75 | 19 | 0 | 0 | |
| | PRY | 333 | 0 | 0 | 0 | 1998/44 | 0 | 0 | 0 | 2005/21 | 28 | 305 | 0 | 0 | 0 | 2003/06 |
| | URY | 0 | 0 | 0 | 0 | 1999/08 | 0 | 0 | 0 | 2001/37 | 0 | 0 | 0 | 0 | 0 | |
| TO | ΓAL | 7465 | 0 | 105 | 105 | | 0 | 6 | 6 | | 86 | 5455 | 181 | 2 | 0 | |

*Congenital Rubella Infection; (a) Provisional data;

...No report received

^{*} Data as of Epidemiological Week 23.



Measles / Rubella Surveillance

Table No.2 Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-23, 2012

Table No.3 Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-23, 2012

| Subre | egion | | Mea | asles | Rubella | | | | |
|--------|------------|----|-----|-------|---------|---|----|-----|---|
| and Co | ountry | ı | IR | CAC | U | 1 | IR | CAC | U |
| AND | BOL | | | | | | | | |
| | COL | 1 | | | | | | | 1 |
| | ECU | | 58 | | | | | | |
| | PER VEN | 4 | | | | | | | |
| BRA | BRA | 1 | | | | | | | |
| CAP | CRI | 1 | | | | | | | |
| CAP | GTM | | | | | | | | |
| | HND | | | | | | | | |
| | NIC | | | | | | | | |
| | PAN | | | | | | | | |
| | SLV | | | | | | | | |
| CAR | CAR | | | | | | | | |
| LAC | CUB | | | | | | | | |
| | DOM | | | | | | | | |
| | GLP | 1 | | | | | | | |
| | GUF | | | | | | | | |
| | HTI | | | | | | | | |
| | MTQ | | | | | | | | |
| | PRI | | | | | | | | |
| MEX | MEX | | | | | | | | |
| NOA | CAN | 3 | 1 | | | 1 | | | |
| | USA | 15 | 20 | | 3 | 1 | | | 3 |
| SOC | ARG | 1 | | | | | | | |
| | CHL | | | | | | | | |
| | PRY | | | | | | | | |
| TO | URY | 23 | 79 | | 3 | 2 | | | 4 |
| 10 | TOTAL | | 19 | | 3 | | | | 4 |

| for the Period of Weeks 01-23, 2012 | | | | | | | | | | | |
|-------------------------------------|---------------|----------------|---------------|----|----|----|----|----|--------------|--|--|
| Country | Pending | | Week of Onset | | | | | | | | |
| Country | Cases 2011 | lative 2012 | 1-18 | 19 | 20 | 21 | 22 | 23 | % Pend.Cases | | |
| BOL | 2 | 5 | 5 | | | | | | 13 | | |
| COL | 21 | 57 | 39 | 8 | 6 | 2 | 2 | 0 | 6 | | |
| ECU | 54 | 282 | 282 | 0 | 0 | 0 | 0 | | 31 | | |
| PER | 0 | 17 | 11 | 0 | 3 | 3 | 0 | | 7 | | |
| VEN | 1 | 25 | 25 | 0 | 0 | 0 | 0 | | 21 | | |
| BRA | 94 | 429 | 273 | 52 | 40 | 36 | 28 | | 20 | | |
| CRI | 5 | 7 | 6 | 0 | 1 | 0 | 0 | | 70 | | |
| GTM | 0 | 7 | 5 | 0 | 1 | 1 | 0 | 0 | 4 | | |
| HND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NIC | 0 | 4 | 4 | 0 | 0 | 0 | 0 | | 9 | | |
| PAN | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SLV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| CAR | 3 | 238 | 195 | 14 | 14 | 10 | 3 | 2 | 100 | | |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| DOM | 0 | 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 | 0 | 64 | 58 | 2 | 0 | 1 | 1 | 2 | 100 | | |
| MTQ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| PRI | | | | | | | | | | | |
| MEX | 0 | 167 | 152 | 7 | 1 | 4 | 3 | 0 | 15 | | |
| CAN | | | | | | | | | | | |
| USA | | | | | | | | | | | |
| ARG | 247 | 79 | 71 | 1 | 0 | 1 | 5 | 1 | 85 | | |
| CHL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| PRY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| URY | 4 | 0 | 0 | | | | | | 0 | | |
| TOTAL | 437 | 1381 | 1126 | 84 | 66 | 58 | 42 | 5 | 18 | | |

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 01-23, 2012

| Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-23, 2012 | | | | | | | | | | | |
|---|--------------------------|-------|------------------|-----------------------|--------------------|-----------------------------|-------------------|--|--------------------|--|--|
| - | Subregion and Country | | eporting ekly | % Cases with Adequate | % Cases with | % Blood Samples | % Lab. Results | Rate of Suspected Cases Last 52 weeks (2011/24-2012/23) | | | |
| Coun | | | % This Week | Investigation | Adequate Sample | Received in Lab. ≤5 days | ≤4 days | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) | | |
| AND | BOL | | | 60 | 58 | 77 | 95 | 2.0 | 0.9 | | |
| | COL | 4827 | 93 | 74 | 95 | 90 | 94 | 8.0 | 2.4 | | |
| | ECU | 2203 | | 77 | 91 | 83 | 96 | 6.0 | 0.4 | | |
| | PER | | | 2 | 2 | 100 | 75 | 2.9 | 0.0 | | |
| | VEN | 3283 | 0 | 65 | 95 | 42 | 37 | 2.1 | 0.0 | | |
| BRA | BRA | 270 | 81 | 61 | | | | 3.6 | 0.3 | | |
| CAP | CRI | 57 | | 10 | 80 | 90 | 60 | 0.5 | 0.0 | | |
| | GTM | 1506 | 0 | 2 | 99 | 75 | 95 | 2.4 | 0.0 | | |
| | HND | 469 | 94 | 51 | 100 | 80 | 80 | 1.3 | 1.0 | | |
| | NIC | 185 | 0 | 96 | 100 | 82 | 100 | 3.3 | 1.4 | | |
| | PAN | 215 | 77 | 29 | 93 | 75 | 93 | 6.6 | 0.0 | | |
| | SLV | 893 | 0 | 48 | 99 | 76 | 75 | 8.9 | 0.0 | | |
| CAR | CAR | 651 | 0 | 75 | 62 | 33 | 91 | 6.9 | 0.0 | | |
| LAC | CUB | 150 | 100 | 100 | 100 | 100 | 100 | 8.9 | 0.0 | | |
| | DOM | | | 58 | 100 | 68 | 69 | 1.3 | 0.0 | | |
| | GLP | | | | | | | 1.7 | | | |
| | GUF | | | | | | | 6.6 | | | |
| | HTI | 90 | 0 | 20 | 89 | 12 | | 0.1 | 0.0 | | |
| | MTQ | | | | | | | 0.7 | | | |
| | PRI | | | | | | | | | | |
| MEX | MEX | 11138 | | 97 | | | | 5.3 | 0.0 | | |
| NOA | CAN | | | | | | | | | | |
| | USA | | | | | | | | | | |
| SOC | ARG | 779 | 0 | 12 | 88 | 66 | 32 | 0.6 | 0.9 | | |
| | CHL | 0 | 0 | 75 | 100 | 83 | 91 | 2.0 | 3.5 | | |
| | PRY | 791 | 91 | 48 | 97 | 94 | 98 | 10.5 | 0.0 | | |
| | URY | 155 | 0 | 0 | 0 | 0 | 0 | 1.4 | 0.0 | | |
| Total and A | \verage* | 27662 | 85 | 68 | 88 | 82 | 90 | 2.5 | 0.5 | | |

*Weighted ... No report received