

# Measles/Rubella Weekly Bulletin



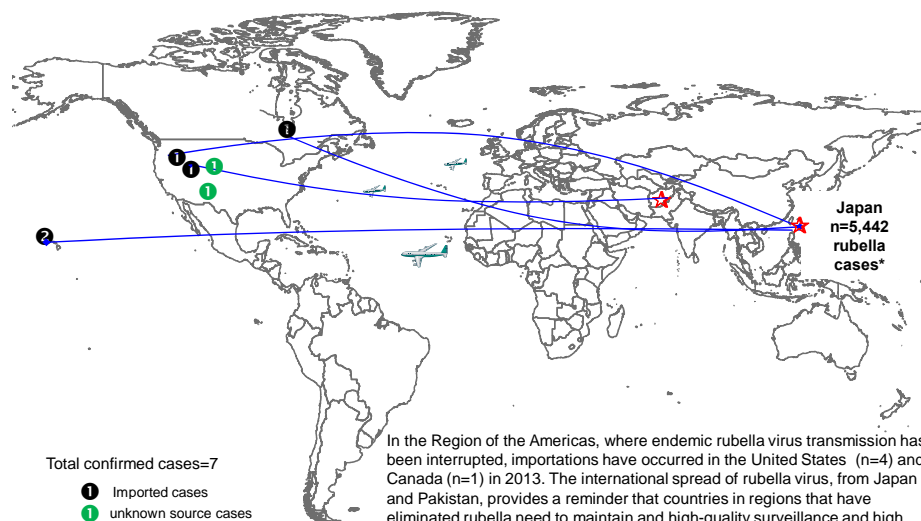
Comprehensive Family Immunization/Family, Gender and Life Course  
Measles and Rubella Surveillance in the Americas



Vol. 19, No. 29

Week ending 20 July 2013

## Confirmed Rubella Cases in the Americas, 2013\*



Source: Country reports to IM/PAHO by EW/29; *Morbidity and Mortality Weekly Report (MMWR)*; June 14, 2013 / 62(23);457-462

\*From January 1 to May 1, 2013, reported through the rubella surveillance system in Japan.

**Table.1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-29, 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              | 64                     | 0          | 0                | 0                                 | 2000/40                | 0        | 0        | 0                                 | 2006/03                           | 1           | 60                          | 19       | ...      | ...                           | ...     |         |
|                       | COL              | 952                    | 0          | 0                | 0                                 | 2012/05                | 0        | 0        | 0                                 | 2012/42                           | 8           | 886                         | 150      | 0        | 0                             | 2005/34 |         |
|                       | ECU              | 0                      | ...        | ...              | ...                               | 2012/28                | ...      | ...      | ...                               | 2004/45                           | 0           | 0                           | 0        | ...      | ...                           | ...     |         |
|                       | PER              | 243                    | 0          | 0                | 0                                 | 2008/18                | 0        | 0        | 0                                 | 2006/45                           | 0           | 233                         | 0        | ...      | ...                           | 2007/16 |         |
|                       | VEN              | 145                    | 0          | 0                | 0                                 | 2012/16                | 0        | 0        | 0                                 | 2007/51                           | 18          | 79                          | 0        | 0        | 0                             | ...     |         |
| BRA                   | BRA              | 2772                   | 0          | 72               | 72                                | 2013/27                | 0        | 0        | 0                                 | 2009/41                           | 0           | 2177                        | 61       | 0        | 0                             | 2009/34 |         |
|                       | CAP              | CRI                    | 12         | 0                | 0                                 | 0                      | 2005/22  | 0        | 0                                 | 0                                 | 2001/42     | 2                           | 8        | 0        | 0                             | ...     |         |
| CAR                   | GTM              | 147                    | 0          | 0                | 0                                 | 1998/05                | 0        | 0        | 0                                 | 2006/30                           | 23          | 120                         | 4        | 0        | 0                             | 2005/00 |         |
|                       | HND              | 30                     | 0          | 0                | 0                                 | 1997/29                | 0        | 0        | 0                                 | 2004/11                           | 7           | 23                          | 59       | 0        | 0                             | 2001/00 |         |
|                       | NIC              | 97                     | 0          | 0                | 0                                 | 1994/14                | 0        | 0        | 0                                 | 2004/19                           | 4           | 89                          | 19       | 0        | ...                           | 2005/00 |         |
|                       | PAN              | 79                     | 0          | 0                | 0                                 | 2011/20                | 0        | 0        | 0                                 | 2002/48                           | 0           | 75                          | 1        | 0        | ...                           | ...     |         |
|                       | SLV              | 84                     | 0          | 0                | 0                                 | 2001/19                | 0        | 0        | 0                                 | 2006/30                           | 0           | 0                           | 0        | 0        | 0                             | 2001/00 |         |
|                       | CAR              | CAR                    | 181        | 0                | 0                                 | 0                      | 2011/48  | 0        | 0                                 | 0                                 | 2008/18     | 0                           | 15       | 0        | ...                           | ...     | 1999/00 |
|                       | LAC              | CUB                    | 581        | 0                | 0                                 | 0                      | 1993/27  | 0        | 0                                 | 0                                 | 2004/06     | 0                           | 581      | 0        | 0                             | ...     | ...     |
|                       | DOM              | 36                     | 0          | 0                | 0                                 | 2011/18                | 0        | 0        | 0                                 | 2006/44                           | 0           | 24                          | 0        | ...      | ...                           | ...     |         |
|                       | GLP              | 1                      | 0          | 0                | 0                                 | 2011/28                | 0        | 0        | 0                                 | ...                               | 0           | 1                           | 0        | 0        | ...                           | 2005/00 |         |
| MEX                   | GUF              | 0                      | 0          | 0                | 0                                 | 2011/26                | 0        | 0        | 0                                 | 2010/06                           | 0           | 0                           | 0        | 0        | ...                           | ...     |         |
|                       | HTI              | 238                    | 0          | 0                | 0                                 | 2001/39                | 0        | 0        | 0                                 | 2006/21                           | 0           | 1                           | 25       | 0        | ...                           | ...     |         |
|                       | MTQ              | 0                      | 0          | 0                | 0                                 | 2011/27                | 0        | 0        | 0                                 | ...                               | 0           | 0                           | 0        | 0        | ...                           | ...     |         |
|                       | PRI              | ...                    | ...        | ...              | ...                               | ...                    | ...      | ...      | ...                               | ...                               | 0           | 0                           | 0        | ...      | ...                           | ...     |         |
|                       | MEX              | MEX                    | 2356       | 0                | 0                                 | 0                      | 2011/12  | 0        | 0                                 | 0                                 | 2012/49     | 0                           | 2443     | 0        | 0                             | ...     | ...     |
| NOA                   | CAN              | ...                    | 1          | 28 <sup>a</sup>  | 29                                | 2013/28                | 0        | 1        | 1                                 | 2013/15                           | 0           | 0                           | 0        | ...      | ...                           | 2011/12 |         |
|                       | USA              | ...                    | ...        | 128 <sup>a</sup> | 128                               | 2013/28                | 0        | 6        | 6                                 | 2013/04                           | 0           | 0                           | 0        | ...      | ...                           | 2012/44 |         |
| SOC                   | ARG              | 135                    | 0          | 0                | 0                                 | 2012/20                | 0        | 0        | 0                                 | 2011/20                           | 1           | 33                          | 53       | ...      | ...                           | 2009/27 |         |
|                       | CHL              | 73                     | 0          | 0                | 0                                 | 2011/25                | 0        | 0        | 0                                 | 2011/25                           | 0           | 62                          | 73       | 0        | 0                             | ...     |         |
|                       | PRY              | 309                    | 0          | 0                | 0                                 | 1998/44                | 0        | 0        | 0                                 | 2005/21                           | 136         | 155                         | 0        | 0        | 0                             | 2003/06 |         |
|                       | URY              | 0                      | 0          | 0                | 0                                 | 1999/08                | 0        | 0        | 0                                 | 2001/37                           | 0           | 0                           | 0        | 0        | 0                             | ...     |         |
| <b>TOTAL</b>          | <b>8535</b>      | <b>1</b>               | <b>228</b> | <b>229</b>       | <b>--</b>                         | <b>0</b>               | <b>7</b> | <b>7</b> | <b>--</b>                         | <b>200</b>                        | <b>7065</b> | <b>464</b>                  | <b>0</b> | <b>0</b> | <b>--</b>                     |         |         |

\*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 01-29, 2013

| Subregion and Country |     | Measles   |           |     |           | Rubella  |    |     |          |
|-----------------------|-----|-----------|-----------|-----|-----------|----------|----|-----|----------|
|                       |     | I         | IR        | CAC | U         | I        | IR | CAC | U        |
| AND                   | BOL |           |           |     |           |          |    |     |          |
|                       | COL |           |           |     |           |          |    |     |          |
|                       | ECU |           |           |     |           |          |    |     |          |
|                       | PER |           |           |     |           |          |    |     |          |
|                       | VEN |           |           |     |           |          |    |     |          |
| BRA                   | BRA |           |           |     | 72        |          |    |     |          |
|                       | CAP |           |           |     |           |          |    |     |          |
|                       | CRI |           |           |     |           |          |    |     |          |
|                       | GTM |           |           |     |           |          |    |     |          |
|                       | HND |           |           |     |           |          |    |     |          |
| CAR                   | NIC |           |           |     |           |          |    |     |          |
|                       | PAN |           |           |     |           |          |    |     |          |
|                       | SLV |           |           |     |           |          |    |     |          |
|                       | CAR |           |           |     |           |          |    |     |          |
|                       | LAC |           |           |     |           |          |    |     |          |
|                       | CUB |           |           |     |           |          |    |     |          |
|                       | DOM |           |           |     |           |          |    |     |          |
|                       | GLP |           |           |     |           |          |    |     |          |
|                       | GUF |           |           |     |           |          |    |     |          |
|                       | HTI |           |           |     |           |          |    |     |          |
| MEX                   | MTQ |           |           |     |           |          |    |     |          |
|                       | PRI |           |           |     |           |          |    |     |          |
|                       | MEX |           |           |     |           |          |    |     |          |
| NOA                   | CAN | 7         | 4         |     | 18        | 1        |    |     |          |
|                       | USA | 38        | 90        |     |           | 4        |    |     | 2        |
| SOC                   | ARG |           |           |     |           |          |    |     |          |
|                       | CHL |           |           |     |           |          |    |     |          |
|                       | PRY |           |           |     |           |          |    |     |          |
|                       | URY |           |           |     |           |          |    |     |          |
| <b>TOTAL</b>          |     | <b>45</b> | <b>94</b> |     | <b>90</b> | <b>5</b> |    |     | <b>2</b> |

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 01-29, 2013

| Country      | Pending Cases 2012 | Cumulative 2013 | Week of Onset |             |             |           |           |           |           | % Pend.Cases |           |
|--------------|--------------------|-----------------|---------------|-------------|-------------|-----------|-----------|-----------|-----------|--------------|-----------|
|              |                    |                 | 1-24          | 25          | 26          | 27        | 28        | 29        |           |              |           |
| BOL          | 6                  | 3               | 3             | ...         | ...         | ...       | ...       | ...       | ...       | 5            |           |
| COL          | 5                  | 58              | 48            | 8           | 2           | 0         | 0         | ...       | ...       | 6            |           |
| ECU          | 78                 | ...             | ...           | ...         | ...         | ...       | ...       | ...       | ...       | ...          |           |
| PER          | 0                  | 10              | 3             | 1           | 2           | 0         | 3         | 1         | ...       | 4            |           |
| VEN          | 0                  | 47              | 46            | 1           | 0           | 0         | 0         | 0         | ...       | 32           |           |
| BRA          | 511                | 569             | 441           | 35          | 37          | 34        | 22        | 0         | ...       | 21           |           |
| CAP          | 0                  | 2               | 2             | 0           | 0           | 0         | 0         | ...       | ...       | 17           |           |
| CRI          | 0                  | 4               | 3             | 1           | 0           | 0         | 0         | 0         | ...       | 3            |           |
| GTM          | 0                  | 0               | 0             | 0           | 0           | 0         | 0         | 0         | ...       | 0            |           |
| HND          | 0                  | 4               | 2             | 0           | 1           | 1         | 0         | ...       | ...       | 4            |           |
| NIC          | 0                  | 4               | 2             | 0           | 0           | 0         | 0         | ...       | ...       | 5            |           |
| PAN          | 0                  | 17              | 17            | ...         | ...         | ...       | ...       | ...       | ...       | 20           |           |
| SLV          | 0                  | 166             | 154           | 2           | 2           | 6         | 1         | 1         | ...       | 92           |           |
| CAR          | 0                  | 0               | 0             | 0           | 0           | 0         | 0         | 0         | ...       | 0            |           |
| LAC          | 0                  | 12              | 12            | 0           | 0           | 0         | 0         | ...       | ...       | 33           |           |
| CUB          | 0                  | 0               | 0             | 0           | 0           | 0         | 0         | ...       | ...       | 0            |           |
| DOM          | 0                  | 0               | 0             | 0           | 0           | 0         | 0         | ...       | ...       | 0            |           |
| GLP          | 0                  | 0               | 0             | 0           | 0           | 0         | 0         | ...       | ...       | 0            |           |
| GUF          | 0                  | 0               | 0             | 0           | 0           | 0         | 0         | ...       | ...       | 0            |           |
| HTI          | 0                  | 237             | 209           | 6           | 7           | 11        | 3         | 1         | ...       | 100          |           |
| MTQ          | 0                  | 0               | 0             | 0           | 0           | 0         | 0         | ...       | ...       | 0            |           |
| PRI          | ...                | ...             | ...           | ...         | ...         | ...       | ...       | ...       | ...       | ...          |           |
| MEX          | 0                  | 25              | 23            | 1           | 0           | 0         | 1         | 0         | ...       | 1            |           |
| NOA          | ...                | ...             | ...           | ...         | ...         | ...       | ...       | ...       | ...       | ...          |           |
| CAN          | ...                | ...             | ...           | ...         | ...         | ...       | ...       | ...       | ...       | ...          |           |
| USA          | ...                | ...             | ...           | ...         | ...         | ...       | ...       | ...       | ...       | ...          |           |
| SOC          | 144                | 101             | 100           | 1           | 0           | 0         | 0         | 0         | ...       | 75           |           |
| ARG          | 2                  | 11              | 6             | 2           | 0           | 2         | 1         | 0         | ...       | 15           |           |
| CHL          | 1                  | 18              | 18            | 0           | 0           | 0         | 0         | 0         | ...       | 6            |           |
| PRY          | 0                  | 0               | 0             | ...         | ...         | ...       | ...       | ...       | ...       | 0            |           |
| URY          | 0                  | 0               | 0             | ...         | ...         | ...       | ...       | ...       | ...       | 0            |           |
| <b>TOTAL</b> |                    |                 | <b>747</b>    | <b>1288</b> | <b>1091</b> | <b>58</b> | <b>51</b> | <b>54</b> | <b>31</b> | <b>3</b>     | <b>15</b> |

... No report received

Table 4.

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-29, 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 (2012/30-2013/29) |                 |
|---------------------------|-----|------------------------|-------------|-------------------------------------|------------------------------|--|------------------------|---|-----------------|
|                           |     | Total Units            | % This Week |                                     |                              |  |                        | Measles/Rubella (100,000 pop.)                          | CRS (10,000 lb) |
| AND                       | BOL | ...                    | ...         | 98                                  | 98                           | 80                                       | 97                     | 1.2   | 1.1             |
|                           | COL | 5029                   | ...         | 73                                  | 95                           | 91                                       | 96                     | 4.7   | 3.4             |
|                           | ECU | 2184                   | ...         | ...                                 | ...                          | ...                                      | ...                    | 0.3   | 0.1             |
|                           | PER | 4783                   | 0           | 78                                  | 95                           | 75                                       | 57                     | 1.6   | 0.0             |
|                           | VEN | 13092                  | 0           | 68                                  | 93                           | 15                                       | 15                     | 1.2   | 0.0             |
| BRA                       | BRA | 13954                  | 78          | 99                                  | ...                          | 99                                       | ...                    | 2.6   | 0.6             |
|                           | CAP | 57                     | ...         | 17                                  | 67                           | 67                                       | 50                     | 0.7   | 0.0             |
|                           | CRI | 1506                   | 9           | 0                                   | 97                           | 74                                       | 83                     | 2.1   | 0.0             |
|                           | GTM | 469                    | 97          | 40                                  | 100                          | 67                                       | 100                    | 0.9   | 5.3             |
|                           | HND | 185                    | ...         | 90                                  | 98                           | 89                                       | 93                     | 2.6   | 1.2             |
| CAR                       | NIC | 219                    | 92          | 82                                  | 99                           | 77                                       | 95                     | 3.8   | 0.3             |
|                           | PAN | 893                    | ...         | 0                                   | 0                            | 0  | 0                      | 2.3   | 12.6            |
|                           | SLV | 738                    | 43          | 7                                   | 4                            | 29                                       | 100                    | 5.0   | 0.0             |
|                           | CAR | 150                    | 100         | 100                                 | 100                          | 100                                      | 100                    | 10.2  | 0.0             |
|                           | LAC | 254                    | 100         | 8                                   | 91                           | 58                                       | 56                     | 1.0   | 0.0             |
|                           | CUB | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 0.7   | ...             |
|                           | DOM | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 0.9   | ...             |
|                           | GLP | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | ...   | ...             |
|                           | GUF | 100                    | 93          | 84                                  | 99                           | 79                                       | 71                     | 2.3   | 0.9             |
|                           | HTI | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 0.5   | ...             |
| MEX                       | MTQ | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | ...   | ...             |
|                           | PRI | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | ...   | ...             |
|                           | MEX | 11138                  | ...         | 98                                  | ...                          | ...                                      | ...                    | 4.1   | 0.0             |
| NOA                       | CAN | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | ...   | ...             |
|                           | USA | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | ...   | ...             |
| SOC                       | ARG | 779                    | 0           | 9                                   | 85                           | 61                                       | 43                     | 0.6   | 2.0             |
|                           | CHL | 569                    | 0           | 55                                  | 82                           | 89                                       | 94                     | 0.9   | 4.2             |
|                           | PRY | 921                    | 0           | 79                                  | 92                           | 95                                       | 87                     | 9.4   | 0.0             |
|                           | URY | 155                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 0.0   | 0.0             |
| <b>Total and Average*</b> |     | <b>57175</b>           | <b>73</b>   | <b>89</b>                           | <b>90</b>                    | <b>89</b>                                | <b>84</b>              | <b>2.8</b>  | <b>1.0</b>      |

\*Weighted

... No report received